

STATE OF NEBRASKA

**DEPARTMENT OF NATURAL
RESOURCES**

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

2005

**Prepared Under the Direction of Ann Bleed, Acting Director
Department of Natural Resources**

TABLE OF CONTENTS

	<u>Page</u>
Introduction and Explanation of Data.....	iii-iv
Daily Discharge of Rivers, Streams and Canals, and Storage in Reservoirs, 2005:	
White River Basin.....	1-2
Niobrara River Basin.....	3-31
North Platte River Basin.....	32-93, 98-108
South Platte River Basin.....	94, 109-113
Projects from North & South Platte Rivers.....	95-97
Platte River Basin.....	114-135
Platte River Basin:	
Loup River.....	136-168
Elkhorn River.....	169-177
Republican River Basin.....	178-211
Big Blue River Basin.....	212-216
Little Blue River Basin.....	217
Index.....	219-222

HYDROGRAPHIC REPORT

2005

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 2005 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, 61-211, 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 glindeman@dnr.state.ne.us. 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 Administrator, Nebraska Department of Natural Resources, PO Box 94676, Lincoln, Nebraska 68509-4676. For E-mail requests, use mbansal@dnr.ne.gov.

INDEX

	<u>Page</u>
Ainsworth Canal.....	29
Alliance Canals.....	67, 68
Bartley Canal.....	193
Bayard Creek near Bayard.....	69
Beaver Creek near Beaver City.....	200
Beaver Creek at Loretto.....	168
Beerline Canal.....	82
Belmont Canals.....	71, 72
Bennett-Kay Canal.....	13
Big Blue River at Surprise.....	212
Big Blue River at Seward.....	214
Big Blue River at Beatrice.....	216
Big Sandy Creek at Alexandria.....	217
Birdwood Canal.....	103
Birdwood Creek near Hershey.....	104
Blue Creek and Hooper Canal.....	87
Blue Creek near Lewellen.....	90
Box Butte Reservoir.....	21
Browns Creek Canal.....	75
Buffalo Creek (B-1) Reservoir Supply Canal.....	125
Burwell-Sumter Canal.....	161
Calamus Fish Hatchery Inlet.....	156
Calamus Reservoir.....	154
Calamus River near Burwell.....	160
Calamus River near Harrop.....	153
Cambridge Canal.....	197
Castle Rock-Steamboat Canal.....	60
Cedar River near Fullerton.....	166
Cedar River near Spalding.....	165
Center Creek at Franklin.....	205
Central Canal.....	56
Chimney Rock Canal.....	66
Cody-Dillon Canal.....	106
Cook Canal No. 1.....	9
Court House Rock Canal.....	76
Courtland Canal.....	210
Cozad Canal.....	127
Culbertson Canal.....	187
Davis Creek Reservoir.....	158
Davis Creek Reservoir Inlet.....	157
Dawson County Canal.....	129
Dry Spotted Tail Creek at Mitchell.....	51
Earnest Canals.....	6, 7
Elkhorn River near Atkinson.....	169
Elkhorn River at Neligh.....	171
Elkhorn River, South Fork near Ewing.....	170
Elm Creek at Amboy.....	209
Elwood Reservoir.....	117
Empire Canal.....	73
Enterprise Canal.....	50
Excelsior Canal.....	17
Farwell Canals.....	142, 145, 146
Fort Laramie Canals.....	32, 33
Franklin Canal.....	203
Franklin Pump Canal.....	206

INDEX

	<u>Page</u>
Frenchman Creek near Enders.....	185
Frenchman Creek near Imperial.....	184
Fullerton Canal.....	159
Gering Canal.....	40
Gering Creek near Gering.....	59
Gothenburg Canal.....	124
Haigler Canals and Spillback.....	178 - 180
Harlan County Reservoir near Republican City.....	201
Harris-Neece Canal.....	10
Harry Strunk Lake near Cambridge.....	195
Hitsheew, George, Canal.....	15
Hooper Canal.....	88
Horse Creek near Lyman.....	48
Hugh Butler Lake near McCook.....	190
Hughes Canal.....	18
Interstate Canal.....	34
Jeffrey Power Return.....	116
Jeffrey Reservoir.....	115
Johnson Canal.....	4
Johnson Reservoir.....	118
Johnson Power Return.....	120
Kearney Canal and Power Return.....	132, 133
Keith-Lincoln County Canal.....	99
Kent Canal.....	152
Keya Paha River near Naper.....	31
Kingsley Reservoir.....	92
LaBelle Canal.....	11
Lake Alice.....	35
Lake Minatare.....	37
Lakotah Canal.....	5
Last Chance Canal.....	77
Lichte Canal.....	24
Lincoln Creek near Seward.....	213
Lincoln County Drain No. 1.....	107
Lisco Canal from North Platte River.....	83
Little Lake Alice.....	36
Lodgepole Creek above Oliver Reservoir.....	109
Lodgepole Creek below Oliver Reservoir.....	111
Logan Creek at Pender.....	177
Loup River Power Canal Return at Columbus.....	167
Maloney Reservoir.....	96
McGinley-Stover Canal.....	8
McLaughlin Canal.....	16
Medicine Creek above Harry Strunk Lake.....	194
Medicine Creek below Harry Strunk Lake.....	196
Meeker-Driftwood Canal.....	183
Meredith-Ammer Canal.....	80
Merritt Reservoir.....	28
Mettlen Canal.....	12
Middle Loup Canals (No. 1,2,3 and 4).....	137 - 141, 143
Midland-Overland Canal.....	85
Minatare Canal.....	58
Mira Creek near North Loup.....	164
Mirage Flats Canal.....	25

	<u>Page</u>
Mirdan Canal.....	155
Mitchell and Gering Canal.....	39
Montague Canal.....	23
Moore-Kay Canal.....	14
Mud Creek near Sweetwater.....	147
Muddy Creek at Arapahoe.....	198
Naponee Canal.....	202
Nelson Canal.....	79
Nine Mile Canals.....	62, 63
Nine Mile Creek near McGrew.....	64
Niobrara River at Wyoming - Nebraska State Line.....	3
Niobrara River above Box Butte Reservoir.....	20
Niobrara River below Box Butte Reservoir.....	22
North Loup River at Ord.....	162
North Platte Canal.....	100
North Platte River at Bridgeport.....	74
North Platte River near Keystone.....	98
North Platte River near Lewellen.....	91
North Platte River at Lisco.....	84
North Platte River near Minatare.....	61
North Platte River at Mitchell.....	52
North Platte River at North Platte.....	108
North Platte River near Sutherland.....	102
Northport Canal.....	47
Oliver Reservoir.....	110
Orchard-Alfalfa Canal.....	128
Ord-North Loup Canal.....	163
Paisley Canal.....	86
Paxton-Hershey Canal.....	101
Pebble Creek at Scribner.....	176
Phelps County Canal.....	119
Pioneer Canal.....	19
Platte River at Brady.....	122
Platte River near Cozad.....	130
Platte River near Maxwell.....	121
Platte River near Odessa.....	134
Plum Creek near Smithfield.....	131
Potmesil Canal.....	26
Pumpkin Creek near Bridgeport.....	81
Red Willow Canal.....	192
Red Willow Creek near Bayard.....	70
Red Willow Creek above Hugh Butler Lake.....	189
Republican River near Trenton.....	182
Republican River at Riverton.....	207
Riverside Canal.....	188
Sargent Canal.....	136
Sheep Creek near Morrill.....	49
Sherman Reservoir.....	144
Short Line Canal.....	65
Six Mile Canal.....	126
Snake River at Doughboy.....	27
Snake River near Burge.....	30
South Platte River at North Platte.....	113
South Platte Supply Canal (Korty Canal).....	94

INDEX

	<u>Page</u>
Suburban Canal.....	105
Superior Canal.....	211
Sutherland Canal.....	93
Sutherland Reservoir.....	95
Sutherland Power Return.....	97
Stinking Water Creek near Palisade.....	186
Swanson Lake near Trenton.....	181
Taylor-Ord Canal.....	149 - 151
Thirty Mile Canal.....	123
Thompson Creek at Riverton.....	208
Tri-County Canal.....	114
Trinnier Canal.....	78
Tri-State Canals.....	41 - 46
Tub Springs near Scottsbluff.....	53
Turkey Creek near Dannebrog.....	148
Turkey Creek at Edison.....	199
Turkey Creek at Naponee.....	204
Turkey Creek near Wilber.....	215
Union Canal.....	89
Union Creek at Madison.....	175
Western Canal.....	112
White River at Crawford.....	1
Whitney Reservoir.....	2
Willow Creek near Foster.....	172
Willow Creek near Pierce.....	174
Willow Creek Reservoir.....	173
Winters Creek Canals.....	54, 55
Winters Creek Reservoir.....	38
Winters Creek near Scottsbluff.....	57
Wood River near Alda.....	134

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 2.7 cubic feet per second August 13, 31, September 1, 1960.

EXTREMES FOR CURRENT YEAR.--Peak discharge 78 cubic feet per second August 11, gage height 3.29 feet; minimum daily discharge 11 cubic feet per second September 5 & 6.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	23	21e	22	24	24	26	28	29	19	17	13
2	22	23	22	21e	24	25	24	27	26	19	15	14
3	21	22	22	22e	23	24	24	26	25	18	14	13
4	20	22	22	21e	23	25	23	26	28	20	15	12
5	19	21	23	20e	24	24	24	26	33	21	14	11
6	19	21	23	20e	23	25	25	26	26	21	14	11
7	19	21	22	22e	23	24	24	25	24	19	14	12
8	19	21	22	22e	23	24	23	26	23	18	13	26
9	19	21	22	23	23	24	22	28	23	19	13	17
10	19	21	22	23	23	24	24	27	24	17	15	16
11	19	22	22	24	23	23	24	31	26	18	35	14
12	19	21	22	25	24	24	22	35	28	18	22	14
13	19	21	21	24e	24	24	22	31	62	18	28	16
14	20	21	20e	22e	23	24	21	28	42	16	26	16
15	21	21	22	22e	23	24	21	27	31	16	24	14
16	22	21	23	28	23	24	21	26	28	16	22	14
17	21	21	22	26	22	24	21	26	26	14	20	13
18	20	21	22	28	23	24	21	25	25	14	20	13
19	20	21	22	34	23	24	23	24	24	14	24	14
20	20	21	22	28	23	24	23	24	24	13	22	13
21	21	21	22	25	23	25	37	23	23	12	20	12
22	22	21	20e	24	23	25	38	23	22	14	19	13
23	28	21	21e	24	23	24	29	22	21	13	18	15
24	23	21	22e	24	23	25	27	22	21	25	17	16
25	22	22	23e	24	24	26	26	28	22	20	16	18
26	21	22	24	24	24	26	26	27	22	24	16	19
27	21	21	23	24	24	26	27	24	21	23	15	17
28	22	21	23	24	24	25	31	24	22	20	15	16
29	21	21	23	24	---	25	31	24	22	17	13	16
30	21	21e	23	24	---	24	30	27	21	15	13	16
31	21	---	22	24	---	27	---	34	---	15	12	---
TOTAL	646	639	685	742	652	760	760	820	794	546	561	444
MEAN	20.8	21.3	22.1	23.9	23.3	24.5	25.3	26.5	26.5	17.6	18.1	14.8
MAX	28	23	24	34	24	27	38	35	62	25	35	26
MIN	19	21	20	20	22	23	21	22	21	12	12	11
AC-FT	1281	1267	1359	1472	1293	1507	1507	1626	1575	1083	1113	881
CAL YEAR 2004	TOTAL		7475	MEAN	20.4	MAX	35.0	MIN	9.3	AC-FT	14830	
WTR YEAR 2005	TOTAL		8049	MEAN	22.1	MAX	62.0	MIN	11.0	AC-FT	15960	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Wyoming-Nebraska State Line, 06454000

LOCATION.--NEL/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 good, except estimated records are poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 13 cubic feet per second June 13, gage height 4.38 feet; minimum daily discharge 1.4 cubic feet per second July 23.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.4	2.8	3.3e	2.9	3.3	3.2	3.5	3.0	4.4	1.7	2.0	1.6
2	2.8	2.7	3.4e	2.7	3.4	3.2	3.5	2.9	3.4	1.7	1.9	1.9
3	2.7	2.8	3.4e	2.8	3.5	3.2	3.5	2.9	3.2	1.6	1.8	1.6
4	2.4	2.7	3.3	2.7	3.5	3.2	3.4	2.8	3.6	2.7	1.9	1.5
5	2.3	2.7	3.3	2.7e	3.5	3.3	3.9	2.8	3.8	3.1	2.0	1.6
6	2.1	2.6	3.3	2.7e	3.4	3.3	3.7	2.7	3.2	2.3	2.0	1.5
7	2.1	2.6	3.1	2.7	3.3	3.3	3.4	2.8	2.7	2.1	1.8	1.6
8	2.1	2.6	3.4	2.7	3.3	3.5	3.3	3.7	2.3	2.0	1.7	1.7
9	2.1	2.7	3.5	2.7	3.2	3.5	3.2	3.9	2.3	2.2	1.5	1.8
10	2.1	2.8	3.4	2.7	3.2	3.5	3.2	3.2	2.3	2.1	1.9	1.8
11	2.1	2.7	3.5	2.7	3.3	3.4	3.0	3.3	2.9	2.1	2.8	1.7
12	2.2	2.8	3.5	2.7	3.4	3.5	2.9	3.6	4.2	2.1	2.6	1.8
13	2.3	2.9	3.1	2.6	3.5	3.5	2.9	3.2	12	2.3	5.3	1.9
14	2.4	2.9	3.0	2.5	3.6	3.4	2.9	2.8	6.0	2.1	4.0	2.0
15	2.7	2.9	3.1	2.5	3.5	3.4	2.8	2.7	3.1	2.0	2.8	2.0
16	2.8	2.9	3.1	2.5	3.4	3.4	2.8	2.7	3.4	2.1	2.2	1.9
17	2.8	3.0	3.4	2.6	3.4	3.5	2.8	2.6	3.3	2.0	1.9	1.9
18	2.8	3.0	3.3	2.8	3.3	3.4	2.7	2.5	2.7	1.9	1.9	1.9
19	2.7	3.1	3.3	3.0	3.5	3.5	2.9	2.4	2.3	2.0	2.3	1.9
20	2.8	3.1	3.4	3.2	3.6	3.6	3.5	2.4	2.1	1.8	2.1	1.7
21	2.8	3.2	3.3	3.3	3.6	3.7	5.3	2.4	2.0	1.6	2.0	1.7
22	3.0	3.2	3.2	3.1	3.5	3.7	4.9	2.4	1.9	1.7	2.0	1.8
23	3.4	3.3	3.2	3.1	3.5	3.6	3.9	2.4	2.0	1.4	2.0	1.9
24	2.9	3.3	3.2	3.3	3.4	3.7	3.4	2.5	1.8	1.8	2.0	1.9
25	2.8	3.3e	3.1	3.3	3.3	3.7	3.2	3.6	1.9	1.6	2.0	2.1
26	2.8	3.3e	3.1	3.3	3.4	4.0	2.9	3.3	2.1	2.9	2.0	2.2
27	2.8	3.2e	3.1	3.3	3.3	3.9	3.1	2.9	1.8	2.9	1.9	2.1
28	2.8	3.2e	3.2	3.4	3.2	3.7	3.5	2.7	2.0	2.3	2.1	1.9
29	2.8	3.2e	3.2	3.5	---	3.6	3.6	3.0	1.9	2.0	1.9	1.8
30	2.7	3.3e	3.2	3.5	---	3.6	3.3	4.3	1.9	1.8	1.8	1.8
31	2.7	---	3.0	3.4	---	3.7	---	6.3	---	1.8	1.7	---
TOTAL	81.2	88.8	100.9	90.9	95.3	108.7	100.9	94.7	92.5	63.7	67.8	54.5
MEAN	2.6	3.0	3.3	2.9	3.4	3.5	3.4	3.1	3.1	2.1	2.2	1.8
MAX	3.4	3.3	3.5	3.5	3.6	4.0	5.3	6.3	12	3.1	5.3	2.2
MIN	2.1	2.6	3.0	2.5	3.2	3.2	2.7	2.4	1.8	1.4	1.5	1.5
AC-FT	161	176	200	180	189	216	200	188	183	126	134	108
CAL YEAR 2004	TOTAL		974	MEAN	2.7	MAX	11.0	MIN	0.57	AC-FT	1933	
WTR YEAR 2005	TOTAL		1040	MEAN	2.8	MAX	12.0	MIN	1.4	AC-FT	2063	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River, 00072000

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

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

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2005

MEAN DAILY VALUES

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.8	3.7	---	---	---	---	0.00	2.8	0.00	2.1	---	---
2	2.7	3.7	---	---	---	---	0.00	2.8	0.00	1.7	---	---
3	2.6	3.9	---	---	---	---	0.00	1.3	0.00	1.4	---	---
4	2.7	4.0	---	---	---	---	0.00	0.00	0.00	2.0	---	---
5	2.7	3.9	---	---	---	---	0.00	0.00	0.00	2.3	---	---
6	2.6	4.0	---	---	---	---	0.00	0.00	0.00	2.1	---	---
7	2.6	4.0	---	---	---	---	0.00	0.00	0.00	1.8	---	---
8	2.6	3.9	---	---	---	---	0.00	0.00	0.00	1.9	---	---
9	2.6	3.9	---	---	---	---	0.00	0.00	0.00	1.5	---	---
10	2.7	3.8	---	---	---	---	0.00	0.00	0.00	0.45	---	---
11	2.6	3.8	---	---	---	---	0.00	0.00	0.00	0.28	---	---
12	2.5	3.8	---	---	---	---	0.00	0.00	0.00	0.00	---	---
13	2.5	4.0	---	---	---	---	0.00	0.00	0.00	0.00	---	---
14	2.5	3.8	---	---	---	---	0.00	0.00	0.00	0.00	---	---
15	2.8	3.8	---	---	---	3.5e	0.00	0.00	0.00	0.00	---	---
16	2.8	2.6e	---	---	---	3.8	0.00	0.00	0.00	0.00	---	---
17	2.9	---	---	---	---	3.8	0.00	0.00	0.00	0.00	---	---
18	3.0	---	---	---	---	2.6	0.00	0.00	0.00	---	---	---
19	3.1	---	---	---	---	0.00	0.00	0.00	0.00	---	---	---
20	3.1	---	---	---	---	0.00	2.0	0.00	0.00	---	---	---
21	3.1	---	---	---	---	0.00	4.0	0.00	0.00	---	---	---
22	3.2	---	---	---	---	0.00	5.3	0.00	0.00	---	---	---
23	3.5	---	---	---	---	0.00	6.1	0.00	0.00	---	---	---
24	3.4	---	---	---	---	0.00	7.3	0.00	0.00	---	---	---
25	3.4	---	---	---	---	0.00	3.1	0.00	0.00	---	---	---
26	3.6	---	---	---	---	0.00	2.8	0.00	0.00	---	---	---
27	3.6	---	---	---	---	0.00	2.8	0.00	0.00	---	---	---
28	3.6	---	---	---	---	0.00	2.7	0.00	0.00	---	---	---
29	3.5	---	---	---	---	0.00	2.8	0.00	0.64	---	---	---
30	3.5	---	---	---	---	0.00	2.7	0.00	2.5	---	---	---
31	3.6	---	---	---	---	0.00	---	0.00	---	---	---	---
TOTAL	92.4	60.6	0	0	0	13.7	41.6	6.9	3.14	17.53	0	0
MEAN	3.0	3.8	---	---	---	0.81	1.4	0.22	0.10	1.0	---	---
MAX	3.6	4.0	---	---	---	3.8	7.3	2.8	2.5	2.3	---	---
MIN	2.5	2.6	---	---	---	0.00	0.00	0.00	0.00	0.00	---	---
AC-FT	183	120	0.00	0.00	0.00	27	83	14	6.2	35	0.00	0.00
CAL YEAR 2004	MAX	4.0	MIN	0.000	AC-FT	423						
WTR YEAR 2005	MAX	7.3	MIN	0.000	AC-FT	468						

e indicates estimated discharge.

NIOBRARA RIVER BASIN

LAKOTAH CANAL from Niobrara River, 00079000

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

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

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	3.9	1.6	4.5	0.02	0.83	0.49
2	0.00	---	---	---	---	---	3.7	1.8	4.1	0.01	0.70	0.50
3	0.00	---	---	---	---	---	3.6	1.8	3.9	0.00	0.59	0.49
4	0.00	---	---	---	---	5.7e	3.7	3.8	4.4	0.00	0.52	0.45
5	0.00	---	---	---	---	6.0e	3.8	3.8	4.7	0.00	0.44	0.44
6	0.00	---	---	---	---	6.3e	3.7	3.8	4.3	0.00	0.39	0.41
7	---	---	---	---	---	6.6e	3.5	3.8	3.8	0.00	0.35	0.38
8	---	---	---	---	---	7.0e	3.5	4.0	3.4	0.00	0.36	0.38
9	---	---	---	---	---	7.5e	3.5	4.2	3.4	0.00	0.36	0.39
10	---	---	---	---	---	7.8e	3.8	4.2	4.4	0.28	0.36	0.43
11	---	---	---	---	---	7.9e	3.8	4.2	5.3	0.69	0.45	0.41
12	---	---	---	---	---	6.5e	3.6	4.6	4.8	0.68	0.64	0.39
13	---	---	---	---	---	5.3e	3.5	4.8	7.9	0.56	0.96	0.42
14	---	---	---	---	---	4.1e	3.4	4.5	7.8	0.53	1.4	0.44
15	---	---	---	---	---	3.1e	3.2	4.4	6.5	0.51	1.5	0.50
16	---	---	---	---	---	2.2e	3.2	4.3	7.0	0.52	1.3	0.50
17	---	---	---	---	---	1.4e	3.1	4.1	6.8	0.46	1.2	0.52
18	---	---	---	---	---	1.7e	3.2	3.8	5.7	0.41	1.3	0.54
19	---	---	---	---	---	2.2e	3.4	3.6	4.5	0.38	1.3	0.61
20	---	---	---	---	---	2.6e	3.2	3.4	3.5	0.36	1.2	0.66
21	---	---	---	---	---	3.1e	0.88	3.2	3.0	0.36	1.0	0.65
22	---	---	---	---	---	4.2e	0.48	3.0	2.7	0.31	0.89	0.64
23	---	---	---	---	---	4.2e	0.29	2.8	2.3	0.30	0.83	0.65
24	---	---	---	---	---	4.2e	0.24	2.8	2.1	0.33	0.80	0.70
25	---	---	---	---	---	4.2e	1.7	3.3	1.8	0.28	0.75	0.74
26	---	---	---	---	---	4.2e	2.0	3.1	1.5	0.50	0.71	0.74
27	---	---	---	---	---	4.2e	1.8	2.9	1.3	0.75	0.67	0.84
28	---	---	---	---	---	4.2e	1.8	2.8	1.2	0.79	0.64	0.88
29	---	---	---	---	---	4.1e	1.7	3.0	1.1	0.73	0.54	0.90
30	---	---	---	---	---	4.1e	1.6	3.6	0.34	0.71	0.54	0.94
31	---	---	---	---	---	3.9	---	4.3	---	0.82	0.49	---
TOTAL	0	0	0	0	0	128.5	82.79	109.3	118.04	11.29	24.01	17.03
MEAN	0.000	---	---	---	---	4.6	2.8	3.5	3.9	0.36	0.77	0.57
MAX	0.00	---	---	---	---	7.9	3.9	4.8	7.9	0.82	1.5	0.94
MIN	0.00	---	---	---	---	1.4	0.24	1.6	0.34	0.00	0.35	0.38
AC-FT	0.00	0.00	0.00	0.00	0.00	255	164	217	234	22	48	34
CAL YEAR 2004	MAX		3.1	MIN	0.000	AC-FT	225					
WTR YEAR 2005	MAX		7.9	MIN	0.000	AC-FT	974					

e indicates estimated discharge.

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.82	3.5	3.3	2.4	1.3
2	0.00	---	---	---	---	---	0.00	0.82	3.6	3.2	2.5	1.3
3	0.00	---	---	---	---	---	0.00	0.76	3.6	3.1	2.4	1.2
4	0.00	---	---	---	---	---	0.00	0.46	3.7	3.3	2.2	1.2
5	0.00	---	---	---	---	---	0.00	0.04	3.7	3.3e	2.0	1.2
6	0.00	---	---	---	---	---	0.00	0.00	3.5	3.2e	1.8	1.2
7	---	---	---	---	---	---	0.00	0.00	3.4	3.1e	1.6	1.1
8	---	---	---	---	---	---	0.00	0.00	3.4	3.0e	1.4	1.1
9	---	---	---	---	---	---	0.00	0.00	3.4	2.8e	1.2	1.1
10	---	---	---	---	---	---	0.00	0.00	3.4	2.7e	2.6	1.1
11	---	---	---	---	---	---	0.00	0.00	3.9	2.4e	3.4	1.2
12	---	---	---	---	---	---	0.00	0.00	4.2	2.2e	2.5	1.2
13	---	---	---	---	---	---	0.00	0.00	4.7	2.2	2.7	1.2
14	---	---	---	---	---	---	0.00	0.00	4.9	2.1	2.7	1.1
15	---	---	---	---	---	---	0.00	0.00	5.2	2.0	2.6	1.1
16	---	---	---	---	---	---	0.00	0.00	5.3	1.8	2.7	1.2
17	---	---	---	---	---	---	0.00	0.00	5.0	1.6	2.7	1.2
18	---	---	---	---	---	---	0.00	0.00	4.7	1.5	2.4	1.2
19	---	---	---	---	---	---	0.00	0.00	4.4	1.4	2.2	1.2
20	---	---	---	---	---	---	0.16	0.00	4.1	1.2	2.0	1.1
21	---	---	---	---	---	---	0.61	0.00	4.0	1.1	1.9	1.1
22	---	---	---	---	---	---	0.80	0.00	3.8	1.1	1.8	1.2
23	---	---	---	---	---	0.00	0.93	0.16	3.6	0.99	1.8	1.2
24	---	---	---	---	---	0.00	0.93	2.4	3.6	1.3	1.7	1.2
25	---	---	---	---	---	0.00	0.84	3.2	3.5	1.4	1.6	1.3
26	---	---	---	---	---	0.00	0.79	2.8	3.5	1.7	1.5	1.3
27	---	---	---	---	---	0.00	0.83	2.6	3.5	1.9	1.4	1.4
28	---	---	---	---	---	0.00	0.87	3.1	3.4	2.0	1.4	1.4
29	---	---	---	---	---	0.00	0.87	3.2	3.4	2.1	1.4	1.5
30	---	---	---	---	---	0.00	0.84	3.4	3.3	2.2	1.3	1.4
31	---	---	---	---	---	0.00	---	3.6	---	2.3	1.3	---
TOTAL	0	0	0	0	0	0	8.47	27.36	117.2	67.49	63.1	36.5
MEAN	0.000	---	---	---	---	0.000	0.28	0.88	3.9	2.2	2.0	1.2
MAX	0.00	---	---	---	---	0.00	0.93	3.6	5.3	3.3	3.4	1.5
MIN	0.00	---	---	---	---	0.00	0.00	0.00	3.3	0.99	1.2	1.1
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	17	54	232	134	125	72
CAL YEAR 2004	MAX		5.3	MIN	0.000	AC-FT	362					
WTR YEAR 2005	MAX		5.3	MIN	0.000	AC-FT	635					

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 2005

	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	0.16
2	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.10
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.02
4	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
6	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
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	0.87	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.9	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.3	0.00
13	---	---	---	---	---	---	0.00	0.69	0.00	0.00	1.4	0.00
14	---	---	---	---	---	---	0.00	2.5	0.00	0.00	1.4	0.00
15	---	---	---	---	---	---	0.00	3.0	0.00	0.00	1.3	0.00
16	---	---	---	---	---	---	0.00	3.5	0.00	0.00	1.4	0.00
17	---	---	---	---	---	---	0.00	3.9	0.00	0.00	1.3	0.00
18	---	---	---	---	---	---	0.00	3.8	0.00	0.00	1.2	0.00
19	---	---	---	---	---	---	0.00	2.8	0.00	0.00	1.1	0.00
20	---	---	---	---	---	---	0.00	0.52	0.00	0.00	0.92	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.83	0.00
22	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.78	0.44
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.79	0.56
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.73	0.60
25	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.64	0.72
26	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.54	0.85
27	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.44	0.93
28	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.38	0.98
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.31	1.0
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.27	0.97
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.21	---
TOTAL	0	0	0	0	0	0	0	20.71	0	0	20.01	7.33
MEAN	0.000	---	---	---	---	0.000	0.000	0.67	0.000	0.000	0.65	0.24
MAX	0.00	---	---	---	---	0.00	0.00	3.9	0.00	0.00	1.9	1.0
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	41	0.00	0.00	40	15
CAL YEAR 2004	MAX	5.7	MIN	0.000	AC-FT	336						
WTR YEAR 2005	MAX	3.9	MIN	0.000	AC-FT	95						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	5.9	0.00	3.1	2.5	0.00
2	---	---	---	---	---	---	0.00	5.8	0.00	2.8	2.3	0.00
3	---	---	---	---	---	---	0.00	5.7	0.00	2.6	2.3	0.00
4	---	---	---	---	---	---	0.00	5.5	0.00	2.5	2.2	0.00
5	---	---	---	---	---	---	0.00	5.1	0.00	3.5	0.83	0.00
6	---	---	---	---	---	---	0.00	4.7	0.00	3.3	0.00	0.00
7	---	---	---	---	---	---	0.00	4.3	0.00	3.2	0.00	0.00
8	---	---	---	---	---	---	0.00	2.9	0.00	3.2	0.00	0.00
9	---	---	---	---	---	0.00	0.00	0.00	0.00	3.0	0.00	0.00
10	---	---	---	---	---	0.00	0.00	0.00	0.00	2.9	0.00	0.00
11	---	---	---	---	---	0.00	0.00	0.00	0.00	2.6	0.00	0.00
12	---	---	---	---	---	0.00	0.00	0.00	0.00	0.05	0.00	0.00
13	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	0.00	0.97	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	0.00	5.2	1.6	0.00	0.00	0.00	0.00
20	---	---	---	---	---	0.00	5.2	3.4	0.00	0.00	0.00	0.00
21	---	---	---	---	---	0.00	5.8	3.1	0.00	0.00	0.00	0.00
22	---	---	---	---	---	0.00	6.2	2.9	0.00	0.00	0.00	0.00
23	---	---	---	---	---	0.00	5.3	2.9	0.00	0.04	0.00	0.00
24	---	---	---	---	---	0.00	5.4	3.0	0.00	0.61	0.00	0.00
25	---	---	---	---	---	0.00	5.2	2.8	0.00	2.1	0.00	0.00
26	---	---	---	---	---	0.00	5.1	2.6	0.00	3.0	0.00	0.00
27	---	---	---	---	---	0.00	5.2	2.5	0.00	3.2	0.00	0.00
28	---	---	---	---	---	0.00	5.2	2.5	0.00	2.8	0.00	0.00
29	---	---	---	---	---	0.00	5.8	2.4	0.00	2.8	0.00	0.00
30	---	---	---	---	---	0.00	6.2	2.5	2.3	2.8	0.00	0.00
31	---	---	---	---	---	0.00	---	2.3	---	2.7	0.00	---
TOTAL	0	0	0	0	0	0	66.77	74.4	2.3	52.8	10.13	0
MEAN	---	---	---	---	---	0.000	2.2	2.4	0.077	1.7	0.33	0.000
MAX	---	---	---	---	---	0.00	6.2	5.9	2.3	3.5	2.5	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	132	148	4.6	105	20	0.00
CAL YEAR 2004	MAX	6.0	MIN	0.000	AC-FT	384						
WTR YEAR 2005	MAX	6.2	MIN	0.000	AC-FT	409						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	1.2	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	0.00	1.2	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
9	---	---	---	---	---	0.00	0.00	1.2	0.00	0.00	0.00	0.00
10	---	---	---	---	---	0.00	0.00	0.82	0.00	0.00	0.00	0.00
11	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	0.00	0.59	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	0.00	1.2	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	0.00	1.6	0.00	0.00	0.00	0.00	---
22	---	---	---	---	---	0.00	1.7	0.00	0.00	0.00	0.00	---
23	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	17.09	11.02	0	0	0	0
MEAN	---	---	---	---	---	0.000	0.57	0.36	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	0.00	1.7	1.2	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	34	22	0.00	0.00	0.00	0.00
CAL YEAR 2004	MAX	0.47	MIN	0.000	AC-FT	3.5						
WTR YEAR 2005	MAX	1.7	MIN	0.000	AC-FT	56						

NIOBRARA RIVER BASIN

HARRIS-NEECE CANAL from Niobrara River, 00062000

LOCATION.--NWL/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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	11	8.0	7.4	0.00
2	---	---	---	---	---	---	---	0.00	11	7.6	2.2	0.00
3	---	---	---	---	---	---	---	0.00	11	7.2	0.00	0.00
4	---	---	---	---	---	---	---	0.00	11	7.0	0.00	0.00
5	---	---	---	---	---	---	---	0.00	11	7.4	0.00	0.00
6	---	---	---	---	---	---	---	0.00	11	8.1	0.00	0.00
7	---	---	---	---	---	---	---	0.00	10	7.4	0.00	0.00
8	---	---	---	---	---	---	---	0.00	10	5.6	0.00	0.00
9	---	---	---	---	---	---	---	0.00	10	6.3	0.00	0.00
10	---	---	---	---	---	---	---	0.00	10	6.8	0.00	0.00
11	---	---	---	---	---	---	---	0.00	10	6.6	0.00	0.00
12	---	---	---	---	---	---	---	0.00	11	5.5	0.00	0.00
13	---	---	---	---	---	---	---	0.00	4.5	5.0	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	5.0	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	5.8	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	5.9	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	5.4	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	6.2	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	6.5	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	6.7	0.00	0.00
21	---	---	---	---	---	---	5.1	0.00	4.3	6.9	0.00	---
22	---	---	---	---	---	---	15	0.00	9.6	7.1	0.00	---
23	---	---	---	---	---	---	14	0.00	9.3	6.8	0.00	---
24	---	---	---	---	---	---	14	0.00	9.1	6.9	0.00	---
25	---	---	---	---	---	---	14	6.8	9.0	8.3	0.00	---
26	---	---	---	---	---	---	11	8.5	8.9	9.5e	0.00	---
27	---	---	---	---	---	---	9.6	8.5	8.9	9.2e	0.00	---
28	---	---	---	---	---	---	2.0	8.5	9.5	8.5	0.00	---
29	---	---	---	---	---	---	0.00	8.7	9.1	8.1	0.00	---
30	---	---	---	---	---	---	0.00	9.5	8.3	7.8	0.00	---
31	---	---	---	---	---	---	---	11	---	7.6	0.00	---
TOTAL	0	0	0	0	0	0	84.7	61.5	217.5	216.7	9.6	0
MEAN	---	---	---	---	---	---	7.1	2.0	7.3	7.0	0.31	0.000
MAX	---	---	---	---	---	---	15	11	11	9.5	7.4	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	5.0	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	168	122	431	430	19	0.00
CAL YEAR 2004	MAX	11.0	MIN	0.000	AC-FT	1752						
WTR YEAR 2005	MAX	15.0	MIN	0.000	AC-FT	1170						

e indicates estimated discharge.

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.7	2.3	---	---	---	---	0.00	0.00	2.6	0.00	0.00	0.00
2	2.2	2.4	---	---	---	---	0.00	0.00	2.9	0.00	0.00	0.00
3	2.1	2.4	---	---	---	---	0.00	0.00	2.9	0.00	0.00	0.00
4	2.1	2.4	---	---	---	---	0.00	0.00	3.3	0.00	0.00	0.00
5	2.0	2.4	---	---	---	---	0.00	0.00	3.6	0.00	0.00	0.00
6	2.0	2.4	---	---	---	---	0.00	0.00	3.7	0.00	0.00	0.00
7	2.1e	2.4	---	---	---	---	0.00	0.00	3.7	0.00	0.00	0.00
8	2.2e	2.4	---	---	---	---	0.00	0.00	3.7	0.00	0.00	0.00
9	2.4e	2.4	---	---	---	---	0.00	0.00	1.8	0.00	0.00	0.00
10	2.6e	2.3	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	2.8e	2.3	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	3.0e	2.4	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	2.8e	2.4	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	2.6e	2.4	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	2.5e	2.4	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	2.4e	2.3e	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	2.3e	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	2.2e	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	2.1e	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	2.2e	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	2.2e	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	2.3	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	2.5	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	2.3	---	---	---	---	0.00	0.00	1.1	0.00	0.00	0.00	0.00
25	2.3	---	---	---	---	0.00	0.00	5.3	0.00	0.00	0.00	0.00
26	2.3	---	---	---	---	0.00	0.00	5.2	0.00	0.00	0.00	0.00
27	2.3	---	---	---	---	0.00	0.00	3.6	0.00	0.00	0.00	0.00
28	2.2	---	---	---	---	0.00	0.00	1.6	0.00	0.00	0.00	0.00
29	2.1	---	---	---	---	0.00	0.00	1.7	0.00	0.00	0.00	0.00
30	2.2	---	---	---	---	0.00	0.00	2.4	0.00	0.00	0.00	0.00
31	2.0	---	---	---	---	0.00	---	3.1	---	0.00	0.00	---
TOTAL	72	38	0	0	0	0	0	24	28.2	0	0	0
MEAN	2.3	2.4	---	---	---	0.000	0.000	0.77	0.94	0.000	0.000	0.000
MAX	3.0	2.4	---	---	---	0.00	0.00	5.3	3.7	0.00	0.00	0.00
MIN	2.0	2.3	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	143	75	0.00	0.00	0.00	0.00	0.00	48	56	0.00	0.00	0.00
CAL YEAR 2004	MAX	6.3	MIN	0.000	AC-FT	648						
WTR YEAR 2005	MAX	5.3	MIN	0.000	AC-FT	322						

e indicates estimated discharge.

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	3.5	0.00	4.3	0.00
2	0.00	---	---	---	---	---	---	---	2.7	0.00	4.1	0.00
3	0.00	---	---	---	---	---	---	---	1.4	0.00	3.5	0.00
4	0.00	---	---	---	---	---	---	---	0.83	0.00	4.5	0.00
5	0.00	---	---	---	---	---	---	---	1.3	1.7	5.1	0.00
6	---	---	---	---	---	---	---	---	0.73	3.2	5.0	0.00
7	---	---	---	---	---	---	---	---	0.46	2.7	4.7	0.00
8	---	---	---	---	---	---	---	---	0.30	2.6	4.6	0.00
9	---	---	---	---	---	---	---	---	0.35	2.5	4.5	0.00
10	---	---	---	---	---	---	---	0.00	1.5	2.2	5.0	0.00
11	---	---	---	---	---	---	---	0.00	1.8	2.2	6.4	0.00
12	---	---	---	---	---	---	---	0.00	2.2	2.3	6.8	0.00
13	---	---	---	---	---	---	---	0.00	2.1	2.4	4.8	0.00
14	---	---	---	---	---	---	---	0.00	0.00	2.1	0.86	0.00
15	---	---	---	---	---	---	---	0.00	0.00	2.0	0.46	0.00
16	---	---	---	---	---	---	---	0.00	0.00	1.9	0.29	0.00
17	---	---	---	---	---	---	---	0.00	0.00	1.8	0.18	0.00
18	---	---	---	---	---	---	---	0.00	0.00	1.9	0.23	0.00
19	---	---	---	---	---	---	---	0.00	0.00	1.9	0.25	0.00
20	---	---	---	---	---	---	---	2.2	0.00	1.8	0.24	0.00
21	---	---	---	---	---	---	---	7.5	0.00	1.7	0.34	0.00
22	---	---	---	---	---	---	---	8.5	0.00	1.8	0.43	0.00
23	---	---	---	---	---	---	---	8.4	0.00	1.8	0.46	0.00
24	---	---	---	---	---	---	---	7.9	0.00	2.3	0.28	0.00
25	---	---	---	---	---	---	---	6.4	0.00	2.6	0.00	0.00
26	---	---	---	---	---	---	---	5.6	0.00	3.6	0.00	0.00
27	---	---	---	---	---	---	---	3.8	0.00	4.9	0.00	0.00
28	---	---	---	---	---	---	---	3.1	0.00	5.1	0.00	0.00
29	---	---	---	---	---	---	---	2.7	0.00	5.6	0.00	0.00
30	---	---	---	---	---	---	---	3.0	0.00	5.1	0.00	0.00
31	---	---	---	---	---	---	---	4.1	---	4.7	0.00	---
TOTAL	0	0	0	0	0	0	0	63.2	19.17	74.4	67.32	0
MEAN	0.000	---	---	---	---	---	---	2.9	0.64	2.4	2.2	0.000
MAX	0.00	---	---	---	---	---	---	8.5	3.5	5.6	6.8	0.00
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125	38	148	134	0.00
CAL YEAR 2004	MAX		5.4	MIN	0.000	AC-FT	410					
WTR YEAR 2005	MAX		8.5	MIN	0.000	AC-FT	444					

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	1.2	0.00
2	0.00	---	---	---	---	---	0.00	0.00	0.00	1.3	1.6	0.00
3	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	1.4	0.00
4	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	1.5	0.00
5	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.87	0.00
6	0.00	---	---	---	---	---	0.00	0.00	0.00	1.2	0.00	0.00
7	0.00	---	---	---	---	---	0.00	0.00	0.00	1.4	0.00	0.00
8	0.00	---	---	---	---	---	0.00	0.00	0.00	0.56	0.00	0.00
9	0.00	---	---	---	---	0.00	0.00	0.00	0.00	1.7	0.00	0.00
10	0.00	---	---	---	---	0.00	0.00	0.00	0.00	1.7	0.00	0.00
11	0.00	---	---	---	---	0.00	0.00	0.00	0.00	1.7	1.3	0.00
12	0.00	---	---	---	---	0.00	0.95	0.00	0.00	1.6	1.3	0.00
13	0.00	---	---	---	---	0.00	3.3	0.00	0.00	1.6	0.00	0.00
14	0.00	---	---	---	---	0.00	3.3	0.00	0.00	1.6	0.00	0.00
15	0.00	---	---	---	---	0.00	3.3	0.00	0.00	0.00	0.00	0.00
16	0.00	---	---	---	---	0.00	3.2	0.00	0.00	0.00	0.00	0.00
17	0.00	---	---	---	---	0.00	3.2	0.00	0.00	0.00	0.00	0.00
18	0.00	---	---	---	---	0.00	2.5	3.0	0.00	0.00	0.00	0.00
19	0.00	---	---	---	---	0.00	0.00	4.2	0.00	0.00	0.00	0.00
20	0.00	---	---	---	---	0.00	0.00	4.1	0.00	0.00	0.00	0.00
21	0.00	---	---	---	---	0.00	0.00	3.8	0.00	0.00	0.00	0.00
22	0.00	---	---	---	---	0.00	0.00	3.0	0.00	0.00	0.00	0.00
23	0.00	---	---	---	---	0.00	0.00	1.7	0.00	0.00	0.00	0.00
24	0.00	---	---	---	---	0.00	0.00	1.3	0.00	0.00	0.00	0.00
25	0.00	---	---	---	---	0.00	0.00	1.9	0.00	0.00	0.00	0.00
26	0.00	---	---	---	---	0.00	0.00	1.9	0.00	0.32	0.00	0.00
27	0.00	---	---	---	---	0.00	0.00	1.7	0.00	2.1	0.00	0.00
28	0.00	---	---	---	---	0.00	0.00	0.39	1.1	2.1	0.00	0.00
29	0.00	---	---	---	---	0.00	0.00	0.68	0.00	1.9	0.00	0.00
30	0.00	---	---	---	---	0.00	0.00	0.51	0.00	1.7	0.00	0.00
31	0.00	---	---	---	---	0.00	---	0.00	---	1.5	0.00	---
TOTAL	0	0	0	0	0	0	19.75	28.18	1.1	23.98	9.17	0
MEAN	0.000	---	---	---	---	0.000	0.66	0.91	0.037	0.77	0.30	0.000
MAX	0.00	---	---	---	---	0.00	3.3	4.2	1.1	2.1	1.6	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	39	56	2.2	48	18	0.00
CAL YEAR 2004	MAX		3.5	MIN	0.000	AC-FT	246					
WTR YEAR 2005	MAX		4.2	MIN	0.000	AC-FT	163					

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.70	2.2
2	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.74	2.0
3	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.59	1.8
4	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.63	1.7
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.69	1.6
6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.67	1.5
7	---	---	---	---	---	---	0.00	0.00	1.4	0.00	0.87	1.6
8	---	---	---	---	---	---	0.00	0.00	4.3	0.00	1.0	1.7
9	---	---	---	---	---	0.00	0.00	0.00	4.1	0.00	0.97	1.6
10	---	---	---	---	---	0.00	0.00	0.00	4.0	0.00	1.0	1.6
11	---	---	---	---	---	0.00	0.00	0.00	4.1	0.00	1.5	1.6
12	---	---	---	---	---	0.00	0.00	0.00	4.6	0.00	1.8e	1.6
13	---	---	---	---	---	0.00	0.00	0.00	5.2	0.00	2.1e	1.6
14	---	---	---	---	---	0.00	0.00	0.00	1.6	0.00	2.5e	1.6
15	---	---	---	---	---	0.00	0.00	0.00	0.04	0.00	2.9e	1.5
16	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.2e	1.4
17	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.5	1.4
18	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.4	1.3
19	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01	3.3	1.3
20	---	---	---	---	---	0.00	0.00	0.00	0.00	0.37	3.3	1.3
21	---	---	---	---	---	0.00	0.00	0.00	0.00	0.41	3.2	1.4
22	---	---	---	---	---	0.00	0.00	0.00	0.00	0.58	3.0	1.3
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.61	2.8	1.3
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.65	2.8	1.3
25	---	---	---	---	---	0.00	0.00	0.00	0.00	0.70	2.7	1.4
26	---	---	---	---	---	0.00	0.00	0.00	0.00	1.1	2.7	1.4
27	---	---	---	---	---	0.00	0.00	0.00	0.00	0.94	2.5	1.4
28	---	---	---	---	---	0.00	0.00	0.00	0.00	0.63	2.4	1.4
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.51	2.4	1.5
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.47	2.4	1.4
31	---	---	---	---	---	0.00	---	0.00	---	0.57	2.3	---
TOTAL	0	0	0	0	0	0	0	0	29.34	7.55	64.56	45.7
MEAN	---	---	---	---	---	0.000	0.000	0.000	0.98	0.24	2.1	1.5
MAX	---	---	---	---	---	0.00	0.00	0.00	5.2	1.1	3.5	2.2
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.59	1.3
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	15	128	91
CAL YEAR 2004	MAX	5.6	MIN	0.000	AC-FT	343						
WTR YEAR 2005	MAX	5.2	MIN	0.000	AC-FT	292						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	0.00	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	0.00	0.00
8	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	---	0.00	0.26	0.00	0.00
12	---	---	---	---	---	---	---	---	0.00	1.3	0.00	0.00
13	---	---	---	---	---	---	---	---	0.00	1.1	0.00	0.00
14	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	---	---	0.97	0.00	0.00	0.00
22	---	---	---	---	---	---	---	---	3.0	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	3.6	0.00	0.00	0.00
24	---	---	---	---	---	---	---	---	3.7	0.00	0.00	0.00
25	---	---	---	---	---	---	---	---	1.2	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	0.00	0.00	0.00
31	---	---	---	---	---	---	---	---	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	12.47	2.66	0	0
MEAN	---	---	---	---	---	---	---	---	0.43	0.086	0.000	0.000
MAX	---	---	---	---	---	---	---	---	3.7	1.3	0.00	0.00
MIN	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25	5.3	0.00	0.00
CAL YEAR 2004	MAX	3.7	MIN	0.000	AC-FT	122						
WTR YEAR 2005	MAX	3.7	MIN	0.000	AC-FT	30						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	1.6	4.0	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.02	3.9	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	3.9	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.17	3.9	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.24	3.9	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.06	3.9	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	3.9	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	3.7	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	3.7	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	3.6	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	3.6	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.57	3.2	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	2.3	2.8	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	1.1	3.5	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.05	3.4	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.03	3.4	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.01	3.3	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	3.2	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	5.8e	3.2	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	6.0e	3.1	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	6.0e	2.9	0.00	0.00
22	---	---	---	---	---	---	0.00	1.2	6.0e	2.9	0.00	0.00
23	---	---	---	---	---	---	0.00	5.8	4.9e	3.0	0.00	0.00
24	---	---	---	---	---	---	0.00	6.1	4.5	3.0	0.00	0.00
25	---	---	---	---	---	---	0.00	6.1	4.6	3.1	0.00	0.00
26	---	---	---	---	---	---	0.00	5.0	4.7	3.2	0.00	0.00
27	---	---	---	---	---	---	0.00	3.5	4.7	3.3	0.00	0.00
28	---	---	---	---	---	---	0.00	3.3	4.7	1.5	0.00	0.00
29	---	---	---	---	---	---	0.00	3.1	4.6	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	2.9	4.3	0.00	0.00	0.00
31	---	---	---	---	---	---	---	2.9	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	39.9	66.95	94	0	0
MEAN	---	---	---	---	---	---	0.000	1.3	2.2	3.0	0.000	0.000
MAX	---	---	---	---	---	---	0.00	6.1	6.0	4.0	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	79	133	186	0.00	0.00
CAL YEAR 2004	MAX	4.5	MIN	0.000	AC-FT	411						
WTR YEAR 2005	MAX	6.1	MIN	0.000	AC-FT	398						

e indicates estimated discharge.

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 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River, 00069000

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River, 00123000

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

GAGE.--Continuous stage recorder and concrete flume

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	4.2	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
4	0.00	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00
5	0.00	---	---	---	---	---	---	0.00	5.3	0.00	0.00	0.00
6	0.00	---	---	---	---	---	---	0.00	5.1	0.00	0.00	0.00
7	0.00	---	---	---	---	---	0.00	0.00	5.2	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	5.1	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	5.0	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	4.7	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	4.5	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	4.6	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	5.4	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	2.6	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.58	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	1.1	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	1.2	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	3.9	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	4.0	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.3	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	18.5	65.88	0	0	0
MEAN	0.000	---	---	---	---	---	0.000	0.60	2.2	0.000	0.000	0.000
MAX	0.00	---	---	---	---	---	0.00	4.3	5.4	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	37	131	0.00	0.00	0.00
CAL YEAR 2004	MAX	5.3	MIN	0.000	AC-FT	408						
WTR YEAR 2005	MAX	5.4	MIN	0.000	AC-FT	167						

NIOBRARA RIVER BASIN

NIOBRARA RIVER above Box Butte Reservoir, 06454500

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

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

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

PERIOD OF RECORD.--Oct. 1946 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 80 cubic feet per second June 13, gage height 4.41 feet; maximum gage height 4.66 feet January 5 due to backwater from ice; minimum daily discharge 9.6 cubic feet per second May 29.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	16	17e	17	24	27	29	28	16	17	12	15
2	17	16	17e	16	25	26	29	26	14	16	11	15
3	16	15	17	16	26	26	29	26	14	15	11	14
4	16	17	18	16e	26e	27	29	25	43	15	11	14
5	17	16	18	15e	26e	27	28	25	59	15	11	14
6	16	16	18	16e	25e	27	28	25	47	15	11	14
7	16	16	17	16e	25	26	28	25	43	14	10	14
8	16	16	17	16	25e	26	28	25	40	14	10	14
9	16	16	18	16	25e	27	28	25	33	14	10	13
10	16	17	18	17	26e	27	28	25	27	13	11	13
11	16	16	18	17	26e	26	28	31	24	14	12	13
12	16	16	18	18	28e	27	30	43	25	13	12	13
13	17	16	17	18e	26e	27	29	40	72	13	15	13
14	17	17	17e	19e	27e	27	29	35	60	12	16	13
15	18	17	17	19e	28e	27	29	31	43	11	15	13
16	18	17	17	19e	27e	27	29	29	48	11	16	13
17	17	17	18	18	27e	27	29	25	48	10	15	13
18	18	17	18	19	26	27	28	24	45	10	15	13
19	17	17	18	20	27	27	28	26	41	10	16	13
20	17	17	18	20	27e	27	29	25	35	9.9	16	13
21	17	17	18	21	26e	28	38	24	30	9.9	16	13
22	18	17	18e	21	25	28	49	22	28	9.9	16	13
23	18	17	17e	21	25	28	47	20	27	9.7	17	14
24	18	18	17e	21	26	28	47	12	25	10	17	14
25	18	18	17	21	28	29	43	17	21	10	17	14
26	18	18	17	20	27	30	40	14	19	12	17	15
27	18	18	17	23	28	30	37	12	18	12	17	14
28	18	18	17	22	28	30	35	11	18	12	17	14
29	18	18	17	22	---	29	34	9.6	20	11	17	14
30	17	18e	17	23	---	29	31	9.7	19	12	16	14
31	16	---	17	24	---	30	---	16	---	12	16	---
TOTAL	528	505	540	587	735	854	973	731.3	1002	382.4	439	409
MEAN	17.0	16.8	17.4	18.9	26.3	27.5	32.4	23.6	33.4	12.3	14.2	13.6
MAX	18	18	18	24	28	30	49	43	72	17	17	15
MIN	16	15	17	15	24	26	28	9.6	14	9.7	10	13
AC-FT	1047	1002	1071	1164	1458	1694	1930	1451	1987	758	871	811
CAL YEAR 2004 TOTAL			5854	MEAN	16.0	MAX	46.0	MIN	6.2	AC-FT	11610	
WTR YEAR 2005 TOTAL			7686	MEAN	21.1	MAX	72.0	MIN	9.6	AC-FT	15240	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River, 06455000

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

GAGE.--Reference point

PERIOD OF RECORD.--1946 - present

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

STORAGE (ACFT), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4604	5731	6745	7805	8878	10140	11360	12910	13970	15140	9593	5487
2	4647	5760	6777	7833	8918	10180	11400	12940	13980	15140	9112	5418
3	4679	5789	6816	7870	8965	10220	11440	12980	13980	15120	8815	5270
4	4711	5824	6849	7899	9013	10260	11480	13020	14130	15120	8696	5412
5	4743	5854	6890	7922	9062	10310	11510	13050	14180	15100	8641	5447
6	4781	5883	6930	7959	9103	10390	11540	13090	14220	15090	8463	5470
7	4813	5913	6963	7988	9144	10380	11570	13120	14230	15090	8240	5498
8	4846	5950	7003	8025	9185	10400	11600	13190	14240	15080	7790	5527
9	4873	5980	7036	8055	9235	10450	11650	13200	14260	15070	7596	5550
10	4906	6016	7070	8084	9267	10480	11690	13260	14280	14430	7454	5573
11	4938	6047	7103	8121	9325	10510	11740	13430	14290	14290	7546	5596
12	4971	6077	7137	8158	9382	10550	11780	13480	14460	13950	7762	5619
13	5009	6107	7171	8181	9415	10600	11800	13520	14630	13640	7833	5631
14	5053	6144	7205	8203	9449	10610	11850	13550	14690	13410	7870	5654
15	5103	6174	7247	8225	9517	10630	11870	13580	14770	13100	7907	5678
16	5131	6211	7275	8256	9567	10670	11890	13610	14820	12850	7936	5701
17	5170	6242	7309	8294	9593	10720	11930	13660	14880	12800	7973	5725
18	5209	6274	7344	8325	9635	10750	12010	13670	14940	12410	8003	5742
19	5242	6311	7385	8363	9677	10790	12050	13700	14980	12130	8040	5766
20	5281	6342	7427	8394	9728	10820	12100	13720	15030	11870	8070	5789
21	5321	6373	7441	8432	9779	10880	12360	13740	15040	11610	7525	5807
22	5378	6405	7468	8471	9821	10910	12410	13750	15060	11090	7130	5824
23	5407	6455	7489	8502	9864	10960	12470	13770	15060	10950	6836	5848
24	5435	6492	7518	8540	9907	11030	12540	13820	15130	10430	6615	5877
25	5470	6524	7553	8578	9942	11070	12610	13830	15130	10210	6583	5907
26	5510	6602	7589	8617	9993	11110	12670	13830	15120	10440	6557	5932
27	5550	6602	7625	8657	10050	11150	12720	13820	15100	10460	6430	5956
28	5607	6660	7668	8696	10090	11200	12800	13800	15160	10260	6299	5980
29	5666	6693	7704	8744	---	11230	12840	13820	15160	10180	6053	6010
30	5660	6712	7740	8791	---	11300	12870	13900	15140	10120	5859	6035
31	5695	---	7769	8839	---	11320	---	13950	---	9660	5678	---
MEAN	5142	6205	7266	8285	9482	10710	12020	13500	14670	12780	7578	5691
MAX	5695	6712	7769	8839	10090	11320	12870	13950	15160	15140	9593	6035
MIN	4604	5731	6745	7805	8878	10140	11360	12910	13970	9660	5678	5270
CAL YEAR 2004	MEAN	7893	MAX	11900	MIN	2800						
WTR YEAR 2005	MEAN	9442	MAX	15160	MIN	4604						

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir, 06455500

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

DRAINAGE AREA.--Approximately 460 square miles.

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

PERIOD OF RECORD.--Oct. 1946 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 143 cubic feet per second July 24, gage height 4.16 feet; minimum daily discharge 0.63 cubic feet per second on October 11.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.78	0.72	0.74	0.76e	0.74	0.87	0.85	0.91	0.99	0.97	97	104
2	0.74	0.72	0.74	0.76e	0.74	0.82	0.85	0.89	0.99	0.94	105	99
3	0.70	0.72	0.74	0.76e	0.74	0.80	0.83	0.86	0.99	0.93	112	91
4	0.69	0.70	0.73	0.76e	0.74	0.80	0.85	0.88	1.1	0.94	109	80
5	0.69	0.68	0.72	0.76e	0.74	0.80	0.86	0.88	1.1	0.94	100	1.2
6	0.69	0.66	0.70	0.76e	0.72	0.80	0.83	0.90	1.0	0.93	92	0.96
7	0.69	0.66	0.69	0.76e	0.73	0.79	0.83	0.90	0.96	0.93	95	0.87
8	0.67	0.66	0.69	0.76e	0.74	0.83	0.85	0.89	0.94	0.91	107	0.79
9	0.65	0.67	0.70	0.76e	0.73	0.87	0.83	0.93	0.95	0.88	121	0.76
10	0.63	0.69	0.69	0.76e	0.72	0.87	0.89	0.90	0.96	74	121	0.73
11	0.63	0.69	0.70	0.76e	0.73	0.80	0.90	1.2	0.96	57	105	0.74
12	0.64	0.69	0.71	0.76e	0.74	0.81	0.88	1.1	1.1	105	50	0.76
13	0.67	0.70	0.69	0.76e	0.74	0.83	0.89	1.0	1.5	112	1.1	0.77
14	0.69	0.72	0.69	0.76e	0.75	0.83	0.91	1.0	1.2	116	0.99	0.74
15	0.71	0.72	0.70	0.76e	0.76	0.83	0.85	1.0	1.1	117	0.92	0.74
16	0.72	0.72	0.71	0.78e	0.77	0.83	0.83	1.0	1.1	118	0.87	0.74
17	0.72	0.72	0.71	0.78e	0.79	0.80	0.92	1.1	1.0	110	0.88	0.74
18	0.72	0.72	0.73	0.78e	0.82	0.80	1.1	1.0	1.0	107	0.88	0.74
19	0.85	0.70	0.74	0.78e	0.84	0.80	1.0	0.89	1.0	114	0.92	0.74
20	0.84	0.69	0.76	0.80e	0.86	0.79	0.96	0.89	1.0	116	0.88	0.73
21	0.67	0.69	0.74	0.82	0.87	0.79	1.4	0.79	1.0	117	73	0.72
22	0.68	0.70	0.74	0.77	0.86	0.80	1.1	0.89	0.99	127	115	0.70
23	0.75	0.72	0.74	0.80	0.86	0.82	1.0	0.89	0.98	135	129	0.69
24	0.72	0.72	0.74	0.77	0.88	0.83	0.98	0.90	0.98	139	129	0.69
25	0.72	0.72	0.74	0.70	0.86	0.83	0.94	0.99	1.1	140	123	0.69
26	0.72	0.73	0.74	0.69	0.88	0.83	0.94	0.97	1.0	123	105	0.69
27	0.69	0.72	0.74	0.70	0.89	0.83	0.93	0.90	1.0	94	87	0.69
28	0.69	0.74	0.74	0.72	0.89	0.83	0.94	0.89	1.0	84	87	0.69
29	0.72	0.74	0.74	0.72	---	0.82	0.94	0.92	1.1	83	92	0.69
30	0.71	0.74	0.76	0.72	---	0.83	0.91	0.99	1.0	76	101	0.69
31	0.70	---	0.77	0.73	---	0.84	---	1.1	---	85	104	---
TOTAL	21.89	21.17	22.47	23.46	22.13	25.42	27.79	29.35	31.09	2357.37	2366.44	393.69
MEAN	0.71	0.71	0.72	0.76	0.79	0.82	0.93	0.95	1.0	76.0	76.3	13.1
MAX	0.85	0.74	0.77	0.82	0.89	0.87	1.4	1.2	1.5	140	129	104
MIN	0.63	0.66	0.69	0.69	0.72	0.79	0.83	0.79	0.94	0.88	0.87	0.69
AC-FT	43	42	45	47	44	50	55	58	62	4676	4694	781
CAL YEAR 2004	TOTAL		4551	MEAN	12.4	MAX	143.0	MIN	0.63	AC-FT	9026	
WTR YEAR 2005	TOTAL		5342	MEAN	14.6	MAX	140.0	MIN	0.63	AC-FT	10600	

e indicates estimated discharge.

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 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	TOTAL	0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT	0.00

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River, 00081000

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

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

PERIOD OF RECORD.--1956 - present

		DISCHARGE (CFS), WATER YEAR 2005											
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----		-----											
CAL YEAR	2004	MAX		1.8	MIN	0.000	AC-FT		36				
WTR YEAR	2005	MAX		0.000	MIN	0.000	AC-FT		0.00				

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River, 00100000

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

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

PERIOD OF RECORD.--1948 - present

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

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	96	94
2	---	---	---	---	---	---	---	0.00	0.00	0.00	100	95
3	---	---	---	---	---	---	---	0.00	0.00	0.00	114	85
4	---	---	---	---	---	---	---	0.00	0.00	0.00	111	83
5	---	---	---	---	---	---	---	0.00	0.00	0.00	109	38
6	---	---	---	---	---	---	---	0.00	0.00	0.00	92	24
7	---	---	---	---	---	---	---	0.00	0.00	0.00	94	23
8	---	---	---	---	---	---	---	0.00	0.00	0.00	97	22
9	---	---	---	---	---	---	---	0.00	0.00	0.00	119	12
10	---	---	---	---	---	---	---	0.00	0.00	98	116	0.00
11	---	---	---	---	---	---	---	0.00	0.00	61	103	0.00
12	---	---	---	---	---	---	---	0.00	0.00	130	74	0.00
13	---	---	---	---	---	---	---	0.00	0.00	123	34	0.00
14	---	---	---	---	---	---	---	0.00	0.00	117	32	0.00
15	---	---	---	---	---	---	---	0.00	0.00	115	30	0.00
16	---	---	---	---	---	---	---	0.00	0.00	121	22	0.00
17	---	---	---	---	---	---	---	0.00	0.00	118	17	0.00
18	---	---	---	---	---	---	---	0.00	0.00	114	9.0	0.00
19	---	---	---	---	---	---	---	0.00	0.00	133	0.00	0.00
20	---	---	---	---	---	---	---	0.00	0.00	122	0.00	0.00
21	---	---	---	---	---	---	---	0.00	0.00	117	36	0.00
22	---	---	---	---	---	---	---	0.00	0.00	126	107	0.00
23	---	---	---	---	---	---	---	0.00	0.00	137	133	0.00
24	---	---	---	---	---	---	---	0.00	0.00	133	134	0.00
25	---	---	---	---	---	---	---	0.00	0.00	128	124	0.00
26	---	---	---	---	---	---	---	0.00	0.00	127	103	0.00
27	---	---	---	---	---	---	---	0.00	0.00	102	86	0.00
28	---	---	---	---	---	---	---	0.00	0.00	86	79	0.00
29	---	---	---	---	---	---	---	0.00	0.00	84	78	0.00
30	---	---	---	---	---	---	---	0.00	0.00	73	91	0.00
31	---	---	---	---	---	---	---	0.00	---	78	96	---
TOTAL	0	0	0	0	0	0	0	0	0	2443	2436	476
MEAN	---	---	---	---	---	---	---	0.000	0.000	78.8	78.6	15.9
MAX	---	---	---	---	---	---	---	0.00	0.00	137	134	95
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4846	4832	944
CAL YEAR 2004	MAX	153.0	MIN	0.000	AC-FT	8551						
WTR YEAR 2005	MAX	137.0	MIN	0.000	AC-FT	10620						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	0.00	0.00	5.3	5.0
2	0.00	---	---	---	---	---	---	---	0.00	0.00	5.7	5.3e
3	0.00	---	---	---	---	---	---	---	0.00	0.00	6.8	5.2e
4	0.00	---	---	---	---	---	---	---	0.00	0.00	6.6	4.8e
5	0.00	---	---	---	---	---	---	0.00	0.00	0.00	5.8	4.4e
6	0.00	---	---	---	---	---	---	0.00	0.00	0.00	4.9	4.8e
7	0.00	---	---	---	---	---	---	0.00	0.00	0.67	5.2	5.2e
8	---	---	---	---	---	---	---	0.00	0.00	3.1	5.2	5.3e
9	---	---	---	---	---	---	---	0.00	0.00	2.8	6.2	5.5
10	---	---	---	---	---	---	---	0.00	0.00	2.9	6.1	5.4
11	---	---	---	---	---	---	---	0.00	0.00	6.9	5.5	5.3
12	---	---	---	---	---	---	---	0.00	0.00	4.6	4.1	5.2
13	---	---	---	---	---	---	---	0.00	0.00	5.2	2.8	5.3
14	---	---	---	---	---	---	---	0.00	0.00	4.6	0.00	5.4
15	---	---	---	---	---	---	---	0.00	0.00	4.1	0.00	5.4
16	---	---	---	---	---	---	---	0.00	0.00	5.2	0.00	5.4
17	---	---	---	---	---	---	---	0.00	0.00	6.3	0.00	5.4
18	---	---	---	---	---	---	---	2.2	0.00	5.4	0.00	5.5
19	---	---	---	---	---	---	---	4.4	0.00	7.0	1.4	5.3
20	---	---	---	---	---	---	---	4.4	0.00	7.0	4.1	5.3
21	---	---	---	---	---	---	---	4.4	0.00	7.0	3.4	5.3
22	---	---	---	---	---	---	---	4.2	0.00	7.0	5.2	5.3
23	---	---	---	---	---	---	---	4.2	0.00	7.3	5.0	5.3
24	---	---	---	---	---	---	---	4.3	2.0	7.5	5.1	5.2
25	---	---	---	---	---	---	---	1.8	1.3	7.9	5.3	5.3
26	---	---	---	---	---	---	---	0.00	0.00	3.2	4.7	5.2
27	---	---	---	---	---	---	---	0.00	0.00	0.00	2.7	5.1
28	---	---	---	---	---	---	---	0.00	0.00	0.00	1.3	5.0
29	---	---	---	---	---	---	---	0.00	0.00	0.81	3.4	5.0
30	---	---	---	---	---	---	---	0.00	0.00	3.7	5.3	5.1
31	---	---	---	---	---	---	---	0.00	---	4.1	4.8	---
TOTAL	0	0	0	0	0	0	0	29.9	3.3	114.28	121.9	156.2
MEAN	0.000	---	---	---	---	---	---	1.1	0.11	3.7	3.9	5.2
MAX	0.00	---	---	---	---	---	---	4.4	2.0	7.9	6.8	5.5
MIN	0.00	---	---	---	---	---	---	0.00	0.00	0.00	0.00	4.4
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59	6.5	227	242	310
CAL YEAR 2004	MAX	6.0	MIN	0.000	AC-FT	944						
WTR YEAR 2005	MAX	7.9	MIN	0.000	AC-FT	844						

e indicates estimated discharge.

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy, 06459175

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

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

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

PERIOD OF RECORD.--1981 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 334 cubic feet per second April 23, gage height 1.35 feet; minimum daily discharge 138 cubic feet per second estimated August 8.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	197	170	157	171	180	169	172	175	188	153	147	156
2	184	169	159	168	175	171	178	175	182	152	150	157
3	178	168	159	167	176	170	175	178	183	149	148	158
4	172	166	162	163e	179	172	176	175	202	146	145	156
5	165	163	170	160e	180	175	177	178	213	145	142	160
6	165	165	166	149e	180	178	171	180	213	150	141	165
7	165	168	165	157e	172	174	169	178	219	152	142	162
8	167	167	171	160e	162	175	170	176	182	150	138	164
9	166	167	167	161	161	175	171	172	160	146	139	165
10	166	167	164	166	166	175	189	176	154	143	142	166
11	165	154	167	179	168	168	211	173	177	142	170	164
12	166	155	171	178	175	170	213	203	171	147	158	164
13	163	158	164	170e	178	170	233	211	217	149	186	164
14	165	156	164	166e	179	171	228	223	273	154	193	163
15	165	160	170	160e	183	174	201	202	279	156	172	162
16	166	164	167	167e	178	174	185	181	277	152	164	164
17	167	167	167	166e	167	172	182	173	242	146	157	163
18	175	162	168	172e	165	169	182	161	197	145	153	165
19	172	164	169	186	172	171	185	158	164	146	155	164
20	164	161	175	191	175	177	200	161	157	146	157	164
21	166	158	170	199	176	185	267	161	156	147	159	161
22	171	160	169e	187	175	189	295	157	151	144	159	158
23	178	164	158e	172	179	193	319	158	146	144	161	159
24	183	166	162e	185	171	191	303	159	148	146	158	175
25	178	162	166e	189	171	191	237	176	151	174	158	203
26	176	167	175	190	173	197	203	169	151	177	177	183
27	172	161	175	185	174	200	185	157	144	160	171	170
28	174	165	180	178	169	203	184	151	167	157	161	165
29	176	163	182	183	---	203	187	153	169	152	161	160
30	164	156	180	178	---	197	180	160	163	150	159	161
31	164	---	176	183	---	178	---	191	---	148	155	---
TOTAL	5295	4893	5215	5386	4859	5577	6128	5401	5596	4668	4878	4941
MEAN	170.8	163.2	168.2	173.7	173.5	179.9	204.3	174.3	186.6	150.5	157.3	164.7
MAX	197	170	182	199	183	203	319	223	279	177	193	203
MIN	163	154	157	149	161	168	169	151	144	142	138	156
AC-FT	10500	9705	10340	10680	9638	11060	12150	10710	11100	9259	9675	9800
CAL YEAR 2004	TOTAL		60608	MEAN	165.6	MAX	222.0	MIN	140.0	AC-FT	120200	
WTR YEAR 2005	TOTAL		62837	MEAN	172.2	MAX	319.0	MIN	138.0	AC-FT	124600	

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 2005													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	35560	49930	64530	61370	61370	61370	61910	66440	66440	66150	47840	38260	
2	36190	50580	65060	61370	61370	61100	62190	66440	66440	66150	47230	37580	
3	36670	51220	65590	61100	61100	61100	62460	66150	66730	66150	46620	37240	
4	37330	51660	66120	61100	61100	61100	62740	66150	67310	65860	45630	36910	
5	37650	52110	66660	61100	61100	61100	63020	66440	67310	65570	45040	36580	
6	37980	52560	66930	60560	61100	61100	63300	66440	67310	65000	44460	36250	
7	38660	53230	67470	60560	61100	61100	63580	66440	67310	64710	43880	35770	
8	39000	53680	67740	60560	61100	61100	63860	66440	67310	64140	43310	35450	
9	39520	54140	68020	60830	61100	61100	64140	66440	67310	63580	42550	35130	
10	40040	54610	68020	60830	61100	61100	64430	66730	67310	62740	41810	34970	
11	40400	55070	68020	61100	60830	61100	65000	66730	67600	62190	41440	34970	
12	40930	55540	68020	61100	61100	61100	65280	66730	67310	61370	41440	35130	
13	41280	56000	68290	61100	61100	61100	65570	66730	67310	60830	41810	35130	
14	41640	56490	68290	61100	61100	61100	65860	66730	67310	60030	42370	35290	
15	42010	56970	68560	61100	61100	61100	66150	66730	67600	59250	42740	35610	
16	42560	57450	68560	61100	61100	61100	66150	66730	67310	58480	43120	35930	
17	42930	57940	68830	61100	61100	61370	66440	66440	67310	57460	43120	36250	
18	43490	58420	68830	61100	61100	61370	66440	66440	67310	56470	42930	36580	
19	43880	58920	68830	61370	61100	61100	66440	66440	67310	55500	42370	37080	
20	44450	59410	68830	61100	61100	61100	66730	66440	67020	54790	41810	37410	
21	44830	59910	68830	61370	61100	61100	67020	66730	66730	54090	41440	37750	
22	45220	60410	68830	61370	61100	61100	67600	66440	66730	53170	40720	38080	
23	45620	60910	68830	61370	61100	61370	67600	66440	66730	52500	40180	38600	
24	46010	61420	68830	61370	61100	61640	67600	66440	66730	51840	39820	38940	
25	46410	61940	68560	61370	61100	61640	67600	66440	66730	51190	39290	39470	
26	46810	62450	68830	61370	61100	61640	67310	66440	66730	50550	38940	40180	
27	47420	62960	68830	61100	61100	61640	67020	66440	66440	50340	39120	40540	
28	47830	63220	68830	61370	61100	61640	66730	66440	66440	50130	39290	41080	
29	48450	63740	68830	61370	---	61910	66730	66440	66440	49700	39470	41440	
30	48870	64270	69110	61370	---	61910	66730	66150	66440	49280	39290	42000	
31	49280	---	69110	61370	---	61910	---	66440	---	48660	38770	---	
MEAN	42550	57240	68020	61140	61110	61300	65450	66490	67010	58000	42190	37390	
MAX	49280	64270	69110	61370	61370	61910	67600	66730	67600	66150	47840	42000	
MIN	35560	49930	64530	60560	60830	61100	61910	66150	66440	48660	38770	34970	
CAL YEAR 2004	TOTAL	22582400		MEAN	61870	MAX	74780	MIN	29330	AC-FT	44787000		
WTR YEAR 2005	TOTAL	20913880		MEAN	57300	MAX	69110	MIN	34970	AC-FT	41480000		

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	50	246	608	547
2	---	---	---	---	---	---	---	0.00	50	235	623	499
3	---	---	---	---	---	---	---	0.00	50	236	609	398
4	---	---	---	---	---	---	---	0.00	50	281	609	400
5	---	---	---	---	---	---	---	0.00	51	346	596	413
6	---	---	---	---	---	---	---	0.00	51	391	488	434
7	---	---	---	---	---	---	---	0.00	51	410	545	459
8	---	---	---	---	---	---	---	0.00	50	437	613	420
9	---	---	---	---	---	---	---	0.00	51	461	625	311
10	---	---	---	---	---	---	---	0.00	51	486	591	211
11	---	---	---	---	---	---	---	0.00	51	516	252	209
12	---	---	---	---	---	---	---	0.00	51	532	208	198
13	---	---	---	---	---	---	---	0.00	50	565	125	179
14	---	---	---	---	---	---	---	0.00	51	582	77	146
15	---	---	---	---	---	---	---	14	51	589	104	135
16	---	---	---	---	---	---	---	126	51	561	168	135
17	---	---	---	---	---	---	---	99	51	593	293	78
18	---	---	---	---	---	---	---	97	51	612	425	0.00
19	---	---	---	---	---	---	---	71	51	620	520	0.00
20	---	---	---	---	---	---	---	60	60	623	546	0.00
21	---	---	---	---	---	---	---	59	66	610	553	0.00
22	---	---	---	---	---	---	---	60	66	575	574	0.00
23	---	---	---	---	---	---	---	60	71	570	489	0.00
24	---	---	---	---	---	---	---	61	71	589	439	0.00
25	---	---	---	---	---	---	---	55	71	603	414	0.00
26	---	---	---	---	---	---	---	51	74	426	261	0.00
27	---	---	---	---	---	---	---	51	90	398	155	0.00
28	---	---	---	---	---	---	---	50	123	431	194	0.00
29	---	---	---	---	---	---	---	50	152	478	283	0.00
30	---	---	---	---	---	---	---	50	195	534	416	0.00
31	---	---	---	---	---	---	---	50	---	558	519	---
TOTAL	0	0	0	0	0	0	0	1064	2002	15094	12922	5172
MEAN	---	---	---	---	---	---	---	34.3	66.7	486.9	416.8	172.4
MAX	---	---	---	---	---	---	---	126	195	623	625	547
MIN	---	---	---	---	---	---	---	0.00	50	235	77	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2110	3971	29940	25630	10260
CAL YEAR 2004	MAX	630.0	MIN	0.000	AC-FT	84290						
WTR YEAR 2005	MAX	625.0	MIN	0.000	AC-FT	71910						

NIOBRARA RIVER BASIN

SNAKE RIVER near Burge, 06459500

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

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

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

PERIOD OF RECORD.--June 1947 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 449 cubic feet per second April 22, gage height 2.50 feet; minimum daily discharge 10 cubic feet per second August 11 & 12.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	16	14	238	261	266	111	284	186	63	12	14
2	55	16	14	257	260	269	111	282	182	64	12	14
3	54	15	14	258	261	265	111	253	191	61	12	13
4	54	14	14	260	261	240	112	240	229	59	12	13
5	55	14	14	262	261	222	113	241	268	59	12	13
6	55	15	14	237	262	224	113	243	271	58	12	13
7	55	15	43	221	265	225	110	250	264	58	12	13
8	55	15	90	221	262	225	111	250	258	45	12	13
9	56	15	137	221	262	225	113	247	251	19	12	13
10	56	15	162	222	259	224	115	239	255	48	11	12
11	56	14	162	224	232	223	115	248	295	44	10	12
12	57	14	165	224	219	225	128	297	314	14	10	12
13	58	14	132	225	221	225	178	298	317	14	12	12
14	58	14	110	225	223	224	182	298	328	22	11	12
15	58	15	143	226	240	226	175	301	357	52	11	12
16	57	15	161	226	262	227	178	219	387	52	11	13
17	58	15	189	225	257	246	213	193	386	53	12	13
18	61	13	206	225	257	263	267	186	381	44	13	14
19	61	12	207	248	255	264	282	122	362	13	14	15
20	59	13	207	263	254	266	293	161	312	13	14	15
21	59	14	209	262	257	269	340	185	195	13	14	16
22	60	14	211	266	235	272	425	180	176	13	14	17
23	60	14	209	267	223	272	437	182	174	13	14	18
24	60	14	212	268	218	266	439	139	171	13	14	18
25	60	13	187	261	220	265	444	176	170	13	14	20
26	59	13	170	261	222	268	432	223	162	13	14	20
27	32	13	199	262	222	266	418	180	107	13	14	20
28	14	13	217	264	247	267	369	180	85	13	14	20
29	15	14	219	265	---	247	290	180	65	12	14	21
30	15	14	217	262	---	228	286	177	63	12	14	22
31	16	---	215	266	---	182	---	177	---	12	14	---
TOTAL	1582	425	4463	7612	6878	7576	7011	6831	7162	995	391	453
MEAN	51.1	14.2	143.9	245.5	245.5	244.3	233.7	220.4	238.7	32.1	12.6	15.2
MAX	61	16	219	268	265	272	444	301	387	64	14	22
MIN	14	12	14	221	218	182	110	122	63	12	10	12
AC-FT	3138	843	8852	15100	13640	15030	13910	13550	14210	1974	776	899
CAL YEAR 2004	TOTAL	48885	MEAN	133.6	MAX	294.0	MIN	12.0	AC-FT	96960		
WTR YEAR 2005	TOTAL	51379	MEAN	140.8	MAX	444.0	MIN	10.0	AC-FT	101900		

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 1,800 cubic feet per second June 11, gage height 7.80 feet; minimum daily discharge 20 cubic feet per second September 11 & 12.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	56e	69	39e	102e	100e	79e	151	237	132	140	53	31
2	57e	73	71e	94e	110e	71e	137	208	127	124	48	31
3	56e	75	55e	104e	120e	71e	122	186	154	115	46	28
4	57e	76	71e	95e	110e	94e	112	165	232	111	44	26
5	58e	75	63e	71e	126e	85	103	142	284	105	43	25
6	63	72	63e	79e	116e	83	87	147	284	99	41	25
7	61	74	71e	42e	100e	85	78	149	495	95	38	24
8	60	74	63e	44e	96e	85	73	155	676	90	34	25
9	60	70	47e	46e	110e	88	69	144	538	84	33	24
10	61	70	46e	50e	120e	90	86	135	655	76	36	21
11	62	69	46e	54e	160e	88	149	137	1030	71	37	20
12	61	69	40e	50e	152e	85	347	663	853	78	48	20
13	62	70	38e	52e	176e	82	293	1080	607	83	46	21
14	60	75	38e	56e	152e	80	275	522	1190	72	53	24
15	57	75	39e	60e	160e	80	251	414	1290	63	60	23
16	58	75	40e	66e	151e	82	218	335	875	60	54	22
17	56	76	39e	60e	128e	83	190	435	669	54	49	21
18	58	76	42e	60e	113	90	178	419	520	53	46	22
19	61	88	80e	70e	105	86	158	369	619	51	44	32
20	64	89	111e	72e	103	88	152	307	544	49	41	31
21	65	89	87e	80e	98	93	275	233	502	83	36	29
22	64	80	79e	76e	91	106	761	183	451	79	36	28
23	74	83	71e	60e	96	113	659	151	337	59	38	27
24	75	84	55e	64e	99	136	578	125	269	53	37	40
25	69	85	71e	68e	97	191	631	176	238	57	37	287
26	65	86	68e	70e	101	233	441	159	246	158	44	202
27	65	87	83e	68e	100	227	346	155	224	121	72	119
28	61	85	66e	60e	87e	211	293	135	205	87	49	90
29	63	47e	91e	70e	---	192	310	118	182	76	40	76
30	63	39e	83e	80e	---	186	284	103	159	67	36	63
31	66	---	83e	90e	---	165	---	127	---	58	32	---
TOTAL	1918	2255	1939	2113	3277	3528	7807	8014	14587	2571	1351	1457
MEAN	61.9	75.2	62.6	68.2	117.0	113.9	260.3	258.5	486.6	83.0	43.7	48.6
MAX	75	89	111	104	176	233	761	1080	1290	158	72	287
MIN	56	39	38	42	87	71	69	103	127	49	32	20
AC-FT	3804	4473	3846	4191	6500	6998	15480	15900	28930	5100	2680	2890
CAL YEAR 2004	TOTAL		29432	MEAN	80.4	MAX	410.0	MIN	8.3	AC-FT	58380	
WTR YEAR 2005	TOTAL		50817	MEAN	139.2	MAX	1290	MIN	20.0	AC-FT	100800	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	1170	1280	1370
2	---	---	---	---	---	---	---	0.00	0.00	1310	1260	1350
3	---	---	---	---	---	---	---	0.00	0.00	1340	1310	1350
4	---	---	---	---	---	---	---	0.00	0.00	1350	1280	1350
5	---	---	---	---	---	---	---	0.00	0.00	1350	1260	1340
6	---	---	---	---	---	---	---	0.00	0.00	1380	1260	1120
7	---	---	---	---	---	---	---	0.00	0.00	1420	1260	831
8	---	---	---	---	---	---	---	0.00	0.00	1500	1280	508
9	---	---	---	---	---	---	---	0.00	0.00	1510	1300	62
10	---	---	---	---	---	---	---	0.00	0.00	1500	1300	0.00
11	---	---	---	---	---	---	---	0.00	0.00	1510	1290	0.00
12	---	---	---	---	---	---	---	0.00	0.00	1480	1270	0.00
13	---	---	---	---	---	---	---	0.00	0.00	1480	1250	0.00
14	---	---	---	---	---	---	---	0.00	0.00	1500	1240	0.00
15	---	---	---	---	---	---	---	0.00	0.00	1500	1210	0.00
16	---	---	---	---	---	---	---	0.00	0.00	1510	1180	0.00
17	---	---	---	---	---	---	---	0.00	0.00	1510	1150	0.00
18	---	---	---	---	---	---	---	0.00	0.00	1510	1150	0.00
19	---	---	---	---	---	---	---	0.00	0.00	1510	1150	0.00
20	---	---	---	---	---	---	---	0.00	0.00	1510	1170	0.00
21	---	---	---	---	---	---	---	0.00	282	1490	1200	0.00
22	---	---	---	---	---	---	---	0.00	607	1470	1230	0.00
23	---	---	---	---	---	---	---	0.00	607	1460	1260	0.00
24	---	---	---	---	---	---	---	0.00	668	1470	1260	0.00
25	---	---	---	---	---	---	---	0.00	745	1470	1330	0.00
26	---	---	---	---	---	---	---	0.00	806	1380	1400	0.00
27	---	---	---	---	---	---	---	0.00	851	1340	1450	0.00
28	---	---	---	---	---	---	---	0.00	854	1340	1450	0.00
29	---	---	---	---	---	---	---	0.00	871	1340	1450	0.00
30	---	---	---	---	---	---	---	0.00	991	1330	1430	0.00
31	---	---	---	---	---	---	---	0.00	---	1310	1410	---
TOTAL	0	0	0	0	0	0	0	0	7282	44250	39720	9281
MEAN	---	---	---	---	---	---	---	0.000	242.7	1427	1281	309.3
MAX	---	---	---	---	---	---	---	0.00	991	1510	1450	1370
MIN	---	---	---	---	---	---	---	0.00	0.00	1170	1150	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14440	87770	78780	18410
CAL YEAR 2004	MAX	1460	MIN	0.000	AC-FT	173300						
WTR YEAR 2005	MAX	1510	MIN	0.000	AC-FT	199400						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	435	577	523
2	---	---	---	---	---	---	---	0.00	0.00	487	561	504
3	---	---	---	---	---	---	---	0.00	0.00	603	557	492
4	---	---	---	---	---	---	---	0.00	0.00	648	577	492
5	---	---	---	---	---	---	---	0.00	0.00	603	566	494
6	---	---	---	---	---	---	---	0.00	0.00	623	566	494
7	---	---	---	---	---	---	---	0.00	0.00	623	566	463
8	---	---	---	---	---	---	---	0.00	0.00	608	564	350
9	---	---	---	---	---	---	---	0.00	0.00	605	561	263
10	---	---	---	---	---	---	---	0.00	0.00	621	568	168
11	---	---	---	---	---	---	---	0.00	0.00	621	564	76
12	---	---	---	---	---	---	---	0.00	0.00	619	561	14
13	---	---	---	---	---	---	---	0.00	0.00	605	564	0.00
14	---	---	---	---	---	---	---	0.00	0.00	599	561	0.00
15	---	---	---	---	---	---	---	0.00	0.00	599	559	0.00
16	---	---	---	---	---	---	---	0.00	0.00	608	548	0.00
17	---	---	---	---	---	---	---	0.00	0.00	608	538	0.00
18	---	---	---	---	---	---	---	0.00	0.00	610	529	0.00
19	---	---	---	---	---	---	---	0.00	0.00	621	525	0.00
20	---	---	---	---	---	---	---	0.00	0.00	621	529	0.00
21	---	---	---	---	---	---	---	0.00	0.00	623	531	0.00
22	---	---	---	---	---	---	---	0.00	0.00	617	536	0.00
23	---	---	---	---	---	---	---	0.00	0.00	617	531	0.00
24	---	---	---	---	---	---	---	0.00	0.00	603	525	0.00
25	---	---	---	---	---	---	---	0.00	246	608	517	0.00
26	---	---	---	---	---	---	---	0.00	396	623	527	0.00
27	---	---	---	---	---	---	---	0.00	421	592	542	0.00
28	---	---	---	---	---	---	---	0.00	412	579	551	0.00
29	---	---	---	---	---	---	---	0.00	414	585	551	0.00
30	---	---	---	---	---	---	---	0.00	414	579	546	0.00
31	---	---	---	---	---	---	---	0.00	---	579	540	---
TOTAL	0	0	0	0	0	0	0	0	2303	18572	17038	4333
MEAN	---	---	---	---	---	---	---	0.000	76.8	599.1	549.6	144.4
MAX	---	---	---	---	---	---	---	0.00	421	648	577	523
MIN	---	---	---	---	---	---	---	0.00	0.00	435	517	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4568	36840	33790	8594
CAL YEAR 2004	MAX	628.0	MIN	0.000	AC-FT	66760						
WTR YEAR 2005	MAX	648.0	MIN	0.000	AC-FT	83790						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00 1040	1770	1670	1670	1670
2	---	---	---	---	---	---	---	0.00 1040	1860	1680	1670	1670
3	---	---	---	---	---	---	---	0.00 1030	1860	1680	1680	1690
4	---	---	---	---	---	---	---	0.00 1040	1950	1680	1680	1680
5	---	---	---	---	---	---	---	0.00 1020	1960	1680	1680	1690
6	---	---	---	---	---	---	---	0.00 1020	1950	1680	1680	1270
7	---	---	---	---	---	---	---	0.00 1020	1960	1690	1690	684
8	---	---	---	---	---	---	---	0.00 1010	2000	1690	1690	26
9	---	---	---	---	---	---	---	0.00 1010	2010	1730	1730	0.00
10	---	---	---	---	---	---	---	0.00 1010	2000	1730	1730	0.00
11	---	---	---	---	---	---	---	0.00 1020	2000	1730	1730	0.00
12	---	---	---	---	---	---	---	0.00 1020	1980	1730	1730	0.00
13	---	---	---	---	---	---	---	0.00 1030	1900	1730	1730	0.00
14	---	---	---	---	---	---	---	0.00 1010	1900	1730	1730	0.00
15	---	---	---	---	---	---	---	0.00 1000	1890	1710	1710	0.00
16	---	---	---	---	---	---	---	625	989	1910	1680	0.00
17	---	---	---	---	---	---	---	906	1000	1900	1690	0.00
18	---	---	---	---	---	---	---	897	984	1890	1680	0.00
19	---	---	---	---	---	---	---	899	982	1870	1690	0.00
20	---	---	---	---	---	---	---	904	974	1840	1680	0.00
21	---	---	---	---	---	---	---	930	984	1840	1690	0.00
22	---	---	---	---	---	---	---	960	992	1840	1690	0.00
23	---	---	---	---	---	---	---	957	1020	1840	1690	0.00
24	---	---	---	---	---	---	---	942	1170	1820	1690	0.00
25	---	---	---	---	---	---	---	926	1270	1830	1690	0.00
26	---	---	---	---	---	---	---	945	1380	1790	1690	0.00
27	---	---	---	---	---	---	---	952	1380	1700	1680	0.00
28	---	---	---	---	---	---	---	1010	1500	1680	1680	0.00
29	---	---	---	---	---	---	---	1020	1650	1670	1680	0.00
30	---	---	---	---	---	---	---	1040	1660	1680	1690	0.00
31	---	---	---	---	---	---	---	1030	---	1680	1680	---
TOTAL	0	0	0	0	0	0	0	14943	33255	57770	52510	10380
MEAN	---	---	---	---	---	---	---	482.1	1109	1864	1694	346.1
MAX	---	---	---	---	---	---	---	1040	1660	2010	1730	1690
MIN	---	---	---	---	---	---	---	0.00	974	1670	1670	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29640	65960	114600	104200	20590
CAL YEAR 2004	MAX	1830	MIN	0.000	AC-FT	247800						
WTR YEAR 2005	MAX	2010	MIN	0.000	AC-FT	334900						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	296	106	0.00	0.00	0.00	0.00	0.00	0.00	3371	5540	3719	1634
2	292	100	0.00	0.00	0.00	0.00	0.00	0.00	3592	5571	3774	1498
3	280	95	0.00	0.00	0.00	0.00	0.00	0.00	3841	5534	3730	1361
4	269	94	0.00	0.00	0.00	0.00	0.00	0.00	4202	5477	3669	1322
5	261	84	0.00	0.00	0.00	0.00	0.00	0.00	4468	5396	3598	1295
6	256	81	0.00	0.00	0.00	0.00	0.00	0.00	4739	5297	3565	1126
7	250	66	0.00	0.00	0.00	0.00	0.00	0.00	4919	5125	3532	838
8	238	55	0.00	0.00	0.00	0.00	0.00	0.00	5131	4871	3440	446
9	226	44	0.00	0.00	0.00	0.00	0.00	0.00	5242	4556	3269	649
10	221	38	0.00	0.00	0.00	0.00	0.00	0.00	5322	4271	3096	385
11	214	33	0.00	0.00	0.00	0.00	0.00	0.00	5415	3936	3024	119
12	210	26	0.00	0.00	0.00	0.00	0.00	0.00	5571	3647	2900	81
13	199	27	0.00	0.00	0.00	0.00	0.00	0.00	5254	3516	2885	80
14	197	26	0.00	0.00	0.00	0.00	0.00	0.00	5359	3403	2962	80
15	197	26	0.00	0.00	0.00	0.00	0.00	0.00	6108	3333	3086	80
16	197	26	0.00	0.00	0.00	0.00	0.00	0.00	6166	3237	3206	80
17	188	26	0.00	0.00	0.00	0.00	0.00	0.00	6134	3149	3259	80
18	183	21	0.00	0.00	0.00	0.00	0.00	0.00	6153	3128	3285	81
19	176	17	0.00	0.00	0.00	0.00	0.00	2.0	6127	3175	3269	82
20	168	14	0.00	0.00	0.00	0.00	0.00	688	6147	3195	3237	82
21	161	11	0.00	0.00	0.00	0.00	0.00	978	6056	3185	3170	82
22	161	7.0	0.00	0.00	0.00	0.00	0.00	1229	5940	3159	2936	82
23	151	4.0	0.00	0.00	0.00	0.00	0.00	1490	5767	3143	2769	82
24	141	2.0	0.00	0.00	0.00	0.00	0.00	1753	5521	3138	2601	82
25	132	0.00	0.00	0.00	0.00	0.00	0.00	1966	5359	3143	2437	82
26	126	0.00	0.00	0.00	0.00	0.00	0.00	2115	5353	3232	2290	82
27	122	0.00	0.00	0.00	0.00	0.00	0.00	2239	5365	3338	2174	82
28	127	0.00	0.00	0.00	0.00	0.00	0.00	2356	5371	3457	2074	82
29	140	0.00	0.00	0.00	---	0.00	0.00	2533	5328	3543	1984	82
30	116	0.00	0.00	0.00	---	0.00	0.00	2794	5477	3625	1896	82
31	116	---	0.00	0.00	---	0.00	---	3091	---	3675	1757	---
MEAN	194	34	0.00	0.00	0.00	0.00	0.00	749	5293	3935	2987	407
MAX	296	106	0.00	0.00	0.00	0.00	0.00	3091	6166	5571	3774	1634
MIN	116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3371	3128	1757	80
CAL YEAR 2004	MEAN	938	MAX	5869	MIN	0.00						
WTR YEAR 2005	MEAN	1139	MAX	6166	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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	267	221	141	100	56	19	19	19	358	344	343	341
2	257	220	136	93	55	19	19	19	365	347	360	360
3	256	220	131	91	54	19	19	19	365	346	360	357
4	253	217	130	90	52	19	19	19	367	338	364	342
5	250	216	126	91	50	19	19	19	366	337	361	318
6	251	215	123	86	50	19	19	19	373	342	358	344
7	253	217	121	83	47	19	19	19	368	341	360	349
8	249	207	120	83	47	19	19	19	371	335	357	320
9	248	207	119	81	44	19	19	19	374	329	351	299
10	246	204	118	79	42	19	19	19	374	336	351	284
11	245	202	118	78	36	19	19	19	371	333	354	192
12	246	200	118	77	35	19	19	19	376	334	361	180
13	242	198	119	75	38	19	19	19	376	326	360	203
14	240	197	118	73	32	19	19	19	380	323	353	220
15	240	197	117	71	26	19	19	19	390	323	354	231
16	240	195	116	68	18	19	19	19	382	317	354	241
17	240	195	115	67	19	19	19	19	386	316	355	252
18	240	193	113	65	19	19	19	19	379	316	355	258
19	240	192	112	65	19	19	19	19	369	316	355	263
20	240	186	114	67	19	19	19	210	384	317	355	268
21	240	182	112	68	19	19	19	238	365	319	354	274
22	240	176	111	67	19	19	19	250	365	319	353	275
23	240	174	111	66	19	19	19	277	366	320	350	280
24	238	168	110	65	19	19	19	288	373	318	346	292
25	237	163	108	65	19	19	19	304	371	321	341	295
26	235	159	108	62	19	19	19	328	369	326	343	295
27	235	153	108	63	19	19	19	343	373	328	337	290
28	227	153	107	60	19	19	19	353	385	332	337	290
29	227	150	106	61	---	19	19	357	378	335	332	291
30	223	145	104	58	---	19	19	366	345	345	338	292
31	226	---	102	57	---	19	---	357	---	345	335	---
MEAN	242	191	117	73	33	19	19	130	372	330	351	283
MAX	267	221	141	100	56	19	19	366	390	347	364	360
MIN	223	145	102	57	18	19	19	19	345	316	332	180
CAL YEAR 2004	MEAN	198	MAX	396	MIN	77						
WTR YEAR 2005	MEAN	181	MAX	390	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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8000	7809	7621	7375	7598	7359	7118	7118	15300	38480	25130	16700
2	8016	7809	7590	7375	7590	7352	7118	7110	15960	38370	24840	16240
3	8024	7809	7551	7606	7590	7344	7110	7080	16800	38000	24550	16100
4	8000	7793	7544	7613	7582	7336	7110	7066	17720	37820	24090	15790
5	8048	7793	7551	7613	7582	7336	7118	7066	18350	37840	23960	15410
6	7984	7778	7536	7613	7582	7314	7088	7051	19220	37390	23680	15360
7	7936	7770	7536	7613	7582	7299	7073	7051	20040	37050	23340	15300
8	7928	7778	7536	7544	7575	7283	7066	7051	20800	36680	22930	15430
9	7920	7770	7536	7551	7575	7268	7066	7051	21370	36240	22520	15730
10	7904	7754	7528	7551	7575	7261	7066	7051	22290	35920	22220	16120
11	7904	7746	7520	7544	7575	7238	7058	7051	23490	35430	21890	16480
12	7896	7746	7528	7544	7567	7238	7058	7051	24520	34840	21780	16530
13	7896	7746	7520	7536	7567	7223	7125	7051	25400	33970	21440	16280
14	7896	7738	7513	7536	7567	7215	7148	7051	26120	33570	21120	16320
15	7920	7731	7513	7536	7567	7208	7103	7051	27140	32960	21190	16380
16	7920	7731	7513	7536	7567	7200	7103	7043	28170	32300	21040	16380
17	7912	7723	7497	7528	7567	7185	7103	7014	29280	31720	20800	16490
18	7904	7723	7497	7520	7567	7170	7103	7014	30240	31210	20690	16490
19	7904	7715	7490	7513	7567	7170	7170	7006	30990	30710	20600	16210
20	7904	7715	7497	7513	7567	7155	7148	7133	31760	30460	20370	16330
21	7904	7707	7490	7505	7567	7163	7155	7738	32740	29690	20120	16280
22	7904	7699	7490	7497	7567	7155	7140	8276	33590	29180	19920	16300
23	7904	7699	7474	7490	7567	7148	7118	8873	34590	28670	19760	16280
24	7904	7652	7459	7490	7551	7148	7110	9526	35200	28150	19460	16180
25	7904	7652	7451	7482	7497	7148	7118	10000	36180	28140	19170	16080
26	7865	7652	7428	7606	7459	7133	7133	10810	36730	27710	18760	16260
27	7849	7652	7382	7606	7405	7125	7110	11340	37730	27250	18350	16280
28	7849	7652	7382	7598	7359	7125	7118	12220	38160	26880	18090	16240
29	7825	7652	7375	7598		7110	7118	12790	38370	26340	17740	16080
30	7809	7652	7375	7590		7125	7118	13660	38360	25920	17360	16160
31	7801		7375	7598		7125		14540		25540	17010	
MEAN	7914	7728	7493	7543	7553	7215	7110	8417	27550	32400	21090	16140
MAX	8048	7809	7621	7613	7598	7359	7170	14540	38370	38480	25130	16700
MIN	7801	7652	7375	7375	7359	7110	7058	7006	15300	25540	17010	15300
CAL YEAR 2004	MEAN	9900		MAX	25940		MIN	6743				
WTR YEAR 2005	MEAN	13210		MAX	38480		MIN	7006				

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2004	MEAN	210	MAX	550	MIN	0.00						
WTR YEAR 2005	MEAN	0.00	MAX	0.00	MIN	0.00						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	115	100	249	243	194
2	---	---	---	---	---	---	0.00	111	101	282	241	190
3	---	---	---	---	---	---	0.00	108	101	299	243	166
4	---	---	---	---	---	---	0.00	106	108	328	244	125
5	---	---	---	---	---	---	0.00	101	105	344	236	124
6	---	---	---	---	---	---	0.00	97	106	346	238	124
7	---	---	---	---	---	---	0.00	97	101	344	239	138
8	---	---	---	---	---	---	0.00	98	99	350	241	188
9	---	---	---	---	---	---	0.00	96	99	348	243	187
10	---	---	---	---	---	---	0.00	91	98	344	243	173
11	---	---	---	---	---	---	0.00	91	100	348	243	173
12	---	---	---	---	---	---	0.00	91	105	348	244	173
13	---	---	---	---	---	---	98	90	97	348	247	147
14	---	---	---	---	---	---	64	88	101	200	247	129
15	---	---	---	---	---	---	119	86	100	219	247	131
16	---	---	---	---	---	---	112	85	100	263	246	130
17	---	---	---	---	---	---	109	81	105	312	236	130
18	---	---	---	---	---	---	40	79	98	350	218	129
19	---	---	---	---	---	---	0.00	83	101	344	216	130
20	---	---	---	---	---	---	0.00	105	105	344	219	129
21	---	---	---	---	---	---	0.00	124	105	346	218	129
22	---	---	---	---	---	---	0.00	123	118	267	219	128
23	---	---	---	---	---	---	0.00	111	125	267	219	128
24	---	---	---	---	---	---	0.00	103	125	268	224	128
25	---	---	---	---	---	---	0.00	100	125	262	230	129
26	---	---	---	---	---	---	0.00	94	163	251	227	129
27	---	---	---	---	---	---	126	86	178	249	221	129
28	---	---	---	---	---	---	107	81	180	252	219	129
29	---	---	---	---	---	---	113	77	184	252	218	129
30	---	---	---	---	---	---	111	90	209	252	218	63
31	---	---	---	---	---	---	---	98	---	243	216	---
TOTAL	0	0	0	0	0	0	999	2986	3542	9219	7203	4231
MEAN	---	---	---	---	---	---	33.3	96.3	118.1	297.4	232.4	141.0
MAX	---	---	---	---	---	---	126	124	209	350	247	194
MIN	---	---	---	---	---	---	0.00	77	97	200	216	63
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1981	5923	7025	18290	14290	8392
CAL YEAR 2004	MAX	355.0	MIN	0.000	AC-FT	63950						
WTR YEAR 2005	MAX	350.0	MIN	0.000	AC-FT	55890						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	---	---	---	---	---	0.00	55	18	104	171	112
2	0.03	---	---	---	---	---	0.00	50	14	116	172	104
3	0.00	---	---	---	---	---	0.00	42	17	135	173	100
4	0.00	---	---	---	---	---	0.00	33	77	154	202	75
5	0.00	---	---	---	---	---	0.00	19	34	169	175	72
6	---	---	---	---	---	---	0.00	6.2	33	164	170	81
7	---	---	---	---	---	---	0.00	5.4	37	164	179	85
8	---	---	---	---	---	---	0.00	4.6	35	168	174	89
9	---	---	---	---	---	---	0.00	4.7	32	165	175	85
10	---	---	---	---	---	---	0.00	2.2	34	164	177	76
11	---	---	---	---	---	---	0.00	0.00	34	169	172	73
12	---	---	---	---	---	---	0.00	6.8	72	168	178	74
13	---	---	---	---	---	---	0.00	4.2	26	165	184	65
14	---	---	---	---	---	---	0.00	2.1	11	167	177	25
15	---	---	---	---	---	---	0.00	1.7	49	165	165	21
16	---	---	---	---	---	---	0.00	1.5	52	170	159	24
17	---	---	---	---	---	---	0.00	1.3	55	171	159	23
18	---	---	---	---	---	---	19	1.1	56	164	144	24
19	---	---	---	---	---	---	10	1.0	47	164	135	27
20	---	---	---	---	---	---	0.00	1.0	54	155	136	28
21	---	---	---	---	---	---	0.00	9.3	53	152	135	28
22	---	---	---	---	---	---	0.00	5.9	55	157	138	35
23	---	---	---	---	---	---	0.00	4.7	60	163	140	39
24	---	---	---	---	---	---	0.00	5.0	52	170	141	38
25	---	---	---	---	---	0.00	0.00	2.9	48	170	137	39
26	---	---	---	---	---	0.00	0.00	3.2	53	187	133	41
27	---	---	---	---	---	0.00	0.00	1.8	82	166	129	58
28	---	---	---	---	---	0.00	25	1.2	76	167	126	46
29	---	---	---	---	---	0.00	75	0.85	71	168	124	13
30	---	---	---	---	---	0.00	66	3.1	98	171	124	8.7
31	---	---	---	---	---	0.00	---	24	---	172	116	---
TOTAL	29.03	0	0	0	0	0	195	304.75	1435	5004	4820	1608.7
MEAN	5.8	---	---	---	---	0.000	6.5	9.8	47.8	161.4	155.5	53.6
MAX	29	---	---	---	---	0.00	75	55	98	187	202	112
MIN	0.00	---	---	---	---	0.00	0.00	0.00	11	104	116	8.7
AC-FT	58	0.00	0.00	0.00	0.00	0.00	387	604	2846	9925	9560	3191
CAL YEAR 2004	MAX	154.0	MIN	0.000	AC-FT	21200						
WTR YEAR 2005	MAX	202.0	MIN	0.000	AC-FT	26570						

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 2005

	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	1180	1270	900
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1330	1270	852
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1350	1270	825
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1350	1240	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1180	1240	775
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1180	1240	687
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1100	1240	365
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1130	1240	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1180	1230	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1200	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1200	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1200	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1280	1200	168
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1200	283
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1180	253
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1280	1180	229
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1300	1150	218
18	0.00	0.00	0.00	0.00	0.00	0.00	24	0.00	0.00	1300	1100	201
19	0.00	0.00	0.00	0.00	0.00	0.00	91	0.00	0.00	1300	1100	196
20	0.00	0.00	0.00	0.00	0.00	0.00	99	0.00	0.00	1330	1100	183
21	0.00	0.00	0.00	0.00	0.00	0.00	115	0.00	0.00	1280	1070	177
22	0.00	0.00	0.00	0.00	0.00	0.00	116	0.00	0.00	1330	977	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	111	0.00	0.00	1330	977	164
24	0.00	0.00	0.00	0.00	0.00	0.00	108	0.00	0.00	1330	1020	162
25	0.00	0.00	0.00	0.00	0.00	0.00	107	0.00	0.00	1330	1040	160
26	0.00	0.00	0.00	0.00	0.00	0.00	40	0.00	54	1330	1070	148
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30	1330	1050	145
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	567	1330	970	142
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	778	1300	934	144
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1070	1300	907	226
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1300	920	---
TOTAL	0	0	0	0	0	0	811	0	2499	39760	34985	7603
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	27.0	0.000	83.3	1282	1127	253.4
MAX	0.00	0.00	0.00	0.00	0.00	0.00	116	0.00	1070	1350	1270	900
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1100	907	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1609	0.00	4957	78860	69390	15080
CAL YEAR 2004	MAX	1380	MIN	0.000	AC-FT	120400						
WTR YEAR 2005	MAX	1350	MIN	0.000	AC-FT	169900						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	25	40	51
2	---	---	---	---	---	---	---	0.00	0.00	24	41	51
3	---	---	---	---	---	---	---	0.00	0.00	24	39	51
4	---	---	---	---	---	---	---	0.00	0.00	25	38	51
5	---	---	---	---	---	---	---	0.00	0.00	25	39	52
6	---	---	---	---	---	---	---	0.00	0.00	25	40	51
7	---	---	---	---	---	---	---	0.00	0.00	25	40	0.00
8	---	---	---	---	---	---	---	0.00	0.00	24	42	0.00
9	---	---	---	---	---	---	---	0.00	0.00	23	41	0.00
10	---	---	---	---	---	---	---	0.00	0.00	20	42	0.00
11	---	---	---	---	---	---	---	0.00	0.00	24	44	0.00
12	---	---	---	---	---	---	---	0.00	0.00	25	50	0.00
13	---	---	---	---	---	---	---	0.00	0.00	25	50	0.00
14	---	---	---	---	---	---	---	0.00	0.00	25	51	0.00
15	---	---	---	---	---	---	---	0.00	0.00	25	51	0.00
16	---	---	---	---	---	---	---	0.00	0.00	25	50	45
17	---	---	---	---	---	---	---	0.00	0.00	24	50	44
18	---	---	---	---	---	---	---	0.00	0.00	24	50	44
19	---	---	---	---	---	---	---	0.00	0.00	23	50	44
20	---	---	---	---	---	---	---	0.00	0.00	23	50	43
21	---	---	---	---	---	---	---	0.00	0.00	23	51	39
22	---	---	---	---	---	---	---	0.00	0.00	22	51	42
23	---	---	---	---	---	---	---	0.00	0.00	21	51	44
24	---	---	---	---	---	---	---	0.00	0.00	23	51	44
25	---	---	---	---	---	---	---	0.00	0.00	25	51	44
26	---	---	---	---	---	---	---	0.00	0.00	33	51	44
27	---	---	---	---	---	---	---	0.00	0.00	34	51	43
28	---	---	---	---	---	---	---	0.00	0.00	32	51	42
29	---	---	---	---	---	---	---	0.00	25	33	51	42
30	---	---	---	---	---	---	---	0.00	25	37	51	41
31	---	---	---	---	---	---	---	0.00	---	37	51	---
TOTAL	0	0	0	0	0	0	0	0	50	803	1459	952
MEAN	---	---	---	---	---	---	---	0.000	1.7	25.9	47.1	31.7
MAX	---	---	---	---	---	---	---	0.00	25	37	51	52
MIN	---	---	---	---	---	---	---	0.00	0.00	20	38	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99	1593	2894	1888
CAL YEAR 2004	MAX	45.0	MIN	0.000	AC-FT	3927						
WTR YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	6474						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	7.0	7.0	6.0	8.0	9.0
2	---	---	---	---	---	---	---	7.0	7.0	6.0	8.0	7.0
3	---	---	---	---	---	---	---	7.0	7.0	6.0	8.0	7.0
4	---	---	---	---	---	---	---	7.0	7.0	6.0	7.0	7.0
5	---	---	---	---	---	---	---	7.0	8.0	6.0	7.0	8.0
6	---	---	---	---	---	---	---	7.0	8.0	6.0	7.0	9.0
7	---	---	---	---	---	---	---	7.0	8.0	6.0	7.0	8.0
8	---	---	---	---	---	---	---	7.0	8.0	6.0	7.0	8.0
9	---	---	---	---	---	---	---	7.0	8.0	6.0	7.0	8.0
10	---	---	---	---	---	---	---	7.0	9.0	6.0	7.0	8.0
11	---	---	---	---	---	---	---	7.0	9.0	7.0	7.0	7.0
12	---	---	---	---	---	---	---	7.0	9.0	7.0	8.0	7.0
13	---	---	---	---	---	---	---	7.0	9.0	7.0	8.0	7.0
14	---	---	---	---	---	---	---	7.0	9.0	7.0	8.0	7.0
15	---	---	---	---	---	---	---	7.0	9.0	7.0	8.0	7.0
16	---	---	---	---	---	---	---	7.0	10	7.0	8.0	6.0
17	---	---	---	---	---	---	---	7.0	10	7.0	7.0	6.0
18	---	---	---	---	---	---	---	7.0	10	7.0	7.0	6.0
19	---	---	---	---	---	---	---	7.0	10	7.0	7.0	6.0
20	---	---	---	---	---	---	---	7.0	10	7.0	7.0	6.0
21	---	---	---	---	---	---	---	7.0	10	7.0	8.0	7.0
22	---	---	---	---	---	---	---	7.0	10	7.0	8.0	6.0
23	---	---	---	---	---	---	---	7.0	11	8.0	8.0	6.0
24	---	---	---	---	---	---	---	7.0	11	8.0	8.0	6.0
25	---	---	---	---	---	---	---	7.0	11	8.0	8.0	7.0
26	---	---	---	---	---	---	---	7.0	11	8.0	9.0	7.0
27	---	---	---	---	---	---	---	7.0	11	8.0	9.0	7.0
28	---	---	---	---	---	---	---	7.0	11	8.0	9.0	7.0
29	---	---	---	---	---	---	---	7.0	10	8.0	9.0	7.0
30	---	---	---	---	---	---	---	7.0	8.0	8.0	9.0	7.0
31	---	---	---	---	---	---	---	7.0	---	8.0	9.0	---
TOTAL	0	0	0	0	0	0	0	217	276	216	242	211
MEAN	---	---	---	---	---	---	---	7.0	9.2	7.0	7.8	7.0
MAX	---	---	---	---	---	---	---	7.0	11	8.0	9.0	9.0
MIN	---	---	---	---	---	---	---	7.0	7.0	6.0	7.0	6.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	430	547	428	480	419
CAL YEAR 2004	MAX	37.0	MIN	3.0	AC-FT	1549						
WTR YEAR 2005	MAX	11.0	MIN	6.0	AC-FT	2305						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	4.0	10
2	---	---	---	---	---	---	---	0.00	0.00	3.0	6.0	10
3	---	---	---	---	---	---	---	0.00	0.00	3.0	6.0	10
4	---	---	---	---	---	---	---	0.00	0.00	5.0	6.0	10
5	---	---	---	---	---	---	---	0.00	0.00	5.0	7.0	11
6	---	---	---	---	---	---	---	0.00	0.00	5.0	7.0	10
7	---	---	---	---	---	---	---	0.00	0.00	5.0	6.0	5.0
8	---	---	---	---	---	---	---	0.00	0.00	5.0	6.0	0.00
9	---	---	---	---	---	---	---	0.00	0.00	5.0	6.0	0.00
10	---	---	---	---	---	---	---	0.00	0.00	5.0	8.0	0.00
11	---	---	---	---	---	---	---	0.00	0.00	5.0	8.0	0.00
12	---	---	---	---	---	---	---	0.00	0.00	6.0	10	0.00
13	---	---	---	---	---	---	---	0.00	0.00	5.0	9.0	0.00
14	---	---	---	---	---	---	---	0.00	0.00	4.0	8.0	0.00
15	---	---	---	---	---	---	---	0.00	0.00	5.0	8.0	0.00
16	---	---	---	---	---	---	---	0.00	0.00	5.0	8.0	0.00
17	---	---	---	---	---	---	---	0.00	0.00	6.0	8.0	0.00
18	---	---	---	---	---	---	---	0.00	0.00	6.0	8.0	0.00
19	---	---	---	---	---	---	---	0.00	0.00	7.0	9.0	0.00
20	---	---	---	---	---	---	---	0.00	0.00	7.0	9.0	0.00
21	---	---	---	---	---	---	---	0.00	0.00	7.0	8.0	0.00
22	---	---	---	---	---	---	---	0.00	0.00	6.0	8.0	0.00
23	---	---	---	---	---	---	---	0.00	0.00	6.0	9.0	0.00
24	---	---	---	---	---	---	---	0.00	0.00	6.0	9.0	0.00
25	---	---	---	---	---	---	---	0.00	0.00	5.0	9.0	0.00
26	---	---	---	---	---	---	---	0.00	0.00	8.0	9.0	0.00
27	---	---	---	---	---	---	---	0.00	0.00	7.0	8.0	0.00
28	---	---	---	---	---	---	---	0.00	0.00	5.0	8.0	0.00
29	---	---	---	---	---	---	---	0.00	2.0	3.0	9.0	0.00
30	---	---	---	---	---	---	---	0.00	2.0	2.0	9.0	0.00
31	---	---	---	---	---	---	---	0.00	---	2.0	8.0	---
TOTAL	0	0	0	0	0	0	0	0	4	154	241	66
MEAN	---	---	---	---	---	---	---	0.000	0.13	5.0	7.8	2.2
MAX	---	---	---	---	---	---	---	0.00	2.0	8.0	10	11
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	4.0	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.9	305	478	131
CAL YEAR 2004	MAX	11.0	MIN	0.000	AC-FT	690						
WTR YEAR 2005	MAX	11.0	MIN	0.000	AC-FT	922						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	2.0	16	16
2	---	---	---	---	---	---	---	0.00	0.00	2.0	14	21
3	---	---	---	---	---	---	---	0.00	0.00	2.0	10	20
4	---	---	---	---	---	---	---	0.00	0.00	2.0	7.0	13
5	---	---	---	---	---	---	---	0.00	0.00	2.0	6.0	14
6	---	---	---	---	---	---	---	0.00	0.00	2.0	9.0	12
7	---	---	---	---	---	---	---	0.00	0.00	2.0	8.0	17
8	---	---	---	---	---	---	---	0.00	0.00	2.0	8.0	13
9	---	---	---	---	---	---	---	0.00	0.00	2.0	8.0	10
10	---	---	---	---	---	---	---	0.00	0.00	1.0	6.0	7.0
11	---	---	---	---	---	---	---	0.00	0.00	0.00	6.0	6.0
12	---	---	---	---	---	---	---	0.00	0.00	0.00	13	6.0
13	---	---	---	---	---	---	---	0.00	0.00	1.0	17	6.0
14	---	---	---	---	---	---	---	0.00	0.00	2.0	16	6.0
15	---	---	---	---	---	---	---	0.00	0.00	2.0	14	6.0
16	---	---	---	---	---	---	---	0.00	0.00	3.0	13	4.0
17	---	---	---	---	---	---	---	0.00	0.00	3.0	16	2.0
18	---	---	---	---	---	---	---	0.00	0.00	1.0	14	2.0
19	---	---	---	---	---	---	---	0.00	0.00	3.0	14	3.0
20	---	---	---	---	---	---	---	0.00	0.00	2.0	13	5.0
21	---	---	---	---	---	---	---	0.00	0.00	0.00	13	3.0
22	---	---	---	---	---	---	---	0.00	0.00	0.00	12	6.0
23	---	---	---	---	---	---	---	0.00	0.00	0.00	11	6.0
24	---	---	---	---	---	---	---	0.00	0.00	0.00	15	5.0
25	---	---	---	---	---	---	---	0.00	0.00	0.00	17	6.0
26	---	---	---	---	---	---	---	0.00	0.00	3.0	15	6.0
27	---	---	---	---	---	---	---	0.00	0.00	4.0	19	6.0
28	---	---	---	---	---	---	---	0.00	0.00	6.0	20	5.0
29	---	---	---	---	---	---	---	0.00	3.0	4.0	20	5.0
30	---	---	---	---	---	---	---	0.00	3.0	3.0	16	5.0
31	---	---	---	---	---	---	---	0.00	---	12	17	---
TOTAL	0	0	0	0	0	0	0	0	6	68	403	242
MEAN	---	---	---	---	---	---	---	0.000	0.20	2.2	13.0	8.1
MAX	---	---	---	---	---	---	---	0.00	3.0	12	20	21
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	6.0	2.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12	135	799	480
CAL YEAR 2004	MAX	25.0	MIN	0.000	AC-FT	1678						
WTR YEAR 2005	MAX	21.0	MIN	0.000	AC-FT	1426						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	12	21	17
2	---	---	---	---	---	---	---	0.00	0.00	12	21	17
3	---	---	---	---	---	---	---	0.00	0.00	13	21	17
4	---	---	---	---	---	---	---	0.00	0.00	18	22	15
5	---	---	---	---	---	---	---	0.00	0.00	15	21	13
6	---	---	---	---	---	---	---	0.00	0.00	16	21	14
7	---	---	---	---	---	---	---	0.00	0.00	16	19	10
8	---	---	---	---	---	---	---	0.00	0.00	15	19	0.00
9	---	---	---	---	---	---	---	0.00	0.00	15	19	0.00
10	---	---	---	---	---	---	---	0.00	0.00	17	19	0.00
11	---	---	---	---	---	---	---	0.00	0.00	16	19	0.00
12	---	---	---	---	---	---	---	0.00	0.00	17	21	0.00
13	---	---	---	---	---	---	---	0.00	0.00	18	21	0.00
14	---	---	---	---	---	---	---	0.00	0.00	17	21	0.00
15	---	---	---	---	---	---	---	0.00	0.00	17	20	0.00
16	---	---	---	---	---	---	---	0.00	0.00	18	18	6.0
17	---	---	---	---	---	---	---	0.00	0.00	19	18	17
18	---	---	---	---	---	---	---	0.00	0.00	19	17	17
19	---	---	---	---	---	---	---	0.00	0.00	19	19	17
20	---	---	---	---	---	---	---	0.00	0.00	17	17	17
21	---	---	---	---	---	---	---	0.00	0.00	17	17	17
22	---	---	---	---	---	---	---	0.00	0.00	18	19	17
23	---	---	---	---	---	---	---	0.00	0.00	19	19	17
24	---	---	---	---	---	---	---	0.00	0.00	18	20	17
25	---	---	---	---	---	---	---	0.00	0.00	18	19	17
26	---	---	---	---	---	---	---	0.00	0.00	20	18	17
27	---	---	---	---	---	---	---	0.00	0.00	21	18	17
28	---	---	---	---	---	---	---	0.00	6.0	21	18	17
29	---	---	---	---	---	---	---	0.00	11	20	17	17
30	---	---	---	---	---	---	---	0.00	12	21	16	17
31	---	---	---	---	---	---	---	0.00	---	21	16	---
TOTAL	0	0	0	0	0	0	0	0	29	540	591	347
MEAN	---	---	---	---	---	---	---	0.000	0.97	17.4	19.1	11.6
MAX	---	---	---	---	---	---	---	0.00	12	21	22	17
MIN	---	---	---	---	---	---	---	0.00	0.00	12	16	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	1071	1172	688
CAL YEAR 2004	MAX	24.0	MIN	0.000	AC-FT	2077						
WTR YEAR 2005	MAX	22.0	MIN	0.000	AC-FT	2989						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	241	268	197
2	---	---	---	---	---	---	0.00	0.00	0.00	241	262	201
3	---	---	---	---	---	---	0.00	0.00	0.00	190	267	210
4	---	---	---	---	---	---	0.00	0.00	0.00	239	274	207
5	---	---	---	---	---	---	0.00	0.00	0.00	240	271	210
6	---	---	---	---	---	---	0.00	0.00	0.00	266	271	205
7	---	---	---	---	---	---	0.00	0.00	0.00	233	267	184
8	---	---	---	---	---	---	0.00	0.00	0.00	213	267	143
9	---	---	---	---	---	---	0.00	0.00	0.00	212	264	74
10	---	---	---	---	---	---	0.00	0.00	0.00	234	260	4.9
11	---	---	---	---	---	---	0.00	0.00	0.00	259	261	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	275	269	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	280	272	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	261	249	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	249	262	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	256	249	37
17	---	---	---	---	---	---	0.00	0.00	0.00	258	249	54
18	---	---	---	---	---	---	0.00	0.00	0.00	258	253	34
19	---	---	---	---	---	---	0.00	0.00	0.00	255	248	21
20	---	---	---	---	---	---	0.00	0.00	0.00	265	251	14
21	---	---	---	---	---	---	0.00	0.00	0.00	255	247	7.4
22	---	---	---	---	---	---	0.00	0.00	0.00	244	251	1.4
23	---	---	---	---	---	---	0.00	0.00	0.00	247	240	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	250	235	0.00
25	---	---	---	---	---	0.00	0.00	0.00	0.00	261	245	0.00
26	---	---	---	---	---	0.00	0.00	0.00	0.00	271	246	0.00
27	---	---	---	---	---	0.00	0.00	0.00	0.00	262	252	0.00
28	---	---	---	---	---	0.00	0.00	0.00	0.00	270	248	0.00
29	---	---	---	---	---	0.00	0.00	0.00	0.00	258	234	0.00
30	---	---	---	---	---	0.00	0.00	0.00	189	270	209	---
31	---	---	---	---	---	0.00	---	0.00	---	268	204	---
TOTAL	0	0	0	0	0	0	0	0	189	7781	7845	1804.7
MEAN	---	---	---	---	---	0.000	0.000	0.000	6.3	251.0	253.1	62.2
MAX	---	---	---	---	---	0.00	0.00	0.00	189	280	274	210
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	190	204	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375	15430	15560	3580
CAL YEAR 2004	MAX	292.0	MIN	0.000	AC-FT	29200						
WTR YEAR 2005	MAX	280.0	MIN	0.000	AC-FT	34950						

NORTH PLATTE RIVER BASIN

HORSE CREEK near Lyman, 06677500

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

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

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

PERIOD OF RECORD.--Feb. 1931 to present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 454 cubic feet per second June 4, gage height 4.57 feet; minimum daily discharge 2.7 cubic feet per second on April 25.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32	16	13e	11e	8.0	6.7	6.5	4.6	7.6	18	124	87
2	27	16	13e	11e	7.9	6.9	6.4	4.4	7.1	16	103	85
3	25	15	13e	11e	7.9	6.7	5.9	4.7	7.1	24	78	84
4	24	15	12e	11e	7.7	6.6	5.6	4.8	128	143	135	77
5	24	15	12e	11e	7.4	6.5	6.0	5.0	57	144	129	90
6	23	14	12e	11e	7.1	6.4	6.1	4.9	13	124	122	103
7	23	14	11e	11e	7.0	6.2	5.8	4.4	9.7	58	114	110
8	22	14	11e	11e	6.8	6.2	4.9	4.2	8.0	52	107	229
9	21	14	11e	11e	6.8	6.3	4.0	3.3	7.1	40	75	397
10	21	14	10e	10e	7.2	6.2	4.1	4.1	7.3	38	57	270
11	21	14	10e	10e	7.1	6.0	4.4	4.8	7.6	41	71	221
12	20	14	9.0e	10e	7.7	5.8	3.9	5.5	40	41	82	145
13	20	14	9.0e	10e	7.5	5.8	67	4.6	139	39	130	91
14	20	14	9.0e	10e	7.4	5.8	51	4.5	35	37	160	84
15	21	13	9.0e	10e	7.4	6.0	5.1	4.3	25	40	153	66
16	21	13	9.0e	10e	7.1	6.2	4.0	4.4	20	43	138	61
17	20	13	9.0e	9.8e	7.7	6.2	3.7	4.5	17	39	145	55
18	20	13	9.0e	9.8e	7.0	5.8	3.7	4.4	14	37	131	50
19	19	13	9.0e	9.6e	7.1	6.0	2.8	4.4	11	38	100	51
20	18	13	10e	9.6e	6.9	6.0	2.7	4.4	5.7	43	76	47
21	18	13	10e	9.6e	6.9	6.0	3.8	4.6	5.1	48	68	48
22	18	13	10e	9.4e	7.0	6.1	3.9	4.9	4.9	50	63	46
23	18	13	10e	9.4e	6.9	6.1	3.3	4.9	4.7	52	57	45
24	17	13	10e	9.4e	6.7	6.3	3.0	5.4	4.1	47	59	43
25	17	13	10e	9.0e	6.7	6.5	2.7	6.1	11	46	64	40
26	16	13	10e	9.0e	6.9	6.4	2.8	6.2	49	151	68	41
27	16	13	10e	9.0e	6.8	6.4	3.6	6.4	106	180	66	39
28	15	11	10e	8.8e	6.8	6.2	4.3	5.9	174	119	67	38
29	14	12	10e	8.6e	---	6.0	4.8	6.2	161	71	81	119
30	14	13e	11e	8.4e	---	6.0	4.6	6.5	70	76	80	102
31	14	---	11e	8.3e	---	6.6	---	7.4	---	92	81	---
TOTAL	619	408	322	306.7	201.4	192.9	240.4	154.7	1156	1987	2984	2964
MEAN	20.0	13.6	10.4	9.9	7.2	6.2	8.0	5.0	38.5	64.1	96.3	98.8
MAX	32	16	13	11	8.0	6.9	67	7.4	174	180	160	397
MIN	14	11	9.0	8.3	6.7	5.8	2.7	3.3	4.1	16	57	38
AC-FT	1228	809	639	608	399	383	477	307	2293	3941	5919	5879
CAL YEAR 2004	TOTAL		9467	MEAN	25.9	MAX	243.0	MIN	3.3	AC-FT	18780	
WTR YEAR 2005	TOTAL		11536	MEAN	31.6	MAX	397.0	MIN	2.7	AC-FT	22880	

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 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.
E indicates estimated daily discharge. Records good except estimated records poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 189 cubic feet per second September 7, gage height 2.76 feet; minimum daily discharge 3.1 cubic feet per second April 22.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	46	39e	38	35e	37	36	38	32	26	4.1	7.2	7.3
2	43	38	38	34	36	36	38	32	28	4.0	8.1	7.2
3	42	38	39	35	36	37	37	32	29	3.7	9.6	7.1
4	40	38	39	35	36	37	36	31	42	3.6	9.4	7.3
5	37	38	39	34e	36	38	37	30	36	3.6	8.9	7.1
6	38	38	39	33e	36	39	35	29	32	3.7	8.7	8.7
7	37	38	39	32	36	39	34	29	31	3.9	8.4	55
8	37	38	39	34	36	39	34	31	30	4.1	8.0	86
9	38	38	38	34	35	39	32	32	31	5.3	8.2	87
10	37	38	38	35	35	39	32	31	31	6.5	8.2	85
11	37	38	38	34e	35	39	31	32	32	6.1	7.7	76
12	38	38	37	33e	35	38	30	33	38	6.3	7.7	77
13	36	38	37	34	35	39	30	33	44	6.5	7.6	41
14	37	38	37	32	35	39	29	32	38	6.4	7.3	7.6
15	38	38	38	34	35	39	33	31	36	6.3	7.0	11
16	37	38	37	30	35	39	26	30	37	6.4	6.9	14
17	38	39	37	35	35	39	25	29	35	6.6	7.2	14
18	38	38	37	36	35	38	15	29	35	6.7	7.3	14
19	39	38	37	36	35	39	6.6	28	34	6.7	7.1	14
20	39	38	37	36	35	40	4.0	27	35	6.4	7.2	14
21	39	38	37	36	36	39	3.7	26	33	6.3	7.2	14
22	40	38	37	35	35	39	3.1	25	30	6.3	7.3	14
23	40	38	37e	36	36	39	3.2	24	28	6.4	7.5	14
24	39	38	36e	35	36	40	3.2	25	28	6.4	7.5	15
25	39	38	36	36	37	39	3.3	25	28	6.6	7.3	15
26	39	38	36	36	38	38	16	25	28	6.9	7.4	14
27	40	38	36	36	37	38	26	24	29	6.8	7.4	14
28	40	39	37	36	36	38	32	24	17	6.8	7.4	14
29	40e	36e	37	36	---	38	32	24	5.1	7.0	7.3	14
30	40e	37e	36e	36	---	38	32	30	4.2	7.2	7.1	14
31	40e	---	35e	36	---	39	---	29	---	7.2	7.0	---
TOTAL	1208	1140	1158	1075	1000	1193	737.1	894	910.3	180.8	238.1	782.3
MEAN	39.0	38.0	37.4	34.7	35.7	38.5	24.6	28.8	30.3	5.8	7.7	26.1
MAX	46	39	39	36	38	40	38	33	44	7.2	9.6	87
MIN	36	36	35	30	35	36	3.1	24	4.2	3.6	6.9	7.1
AC-FT	2396	2261	2297	2132	1983	2366	1462	1773	1806	359	472	1552
CAL YEAR 2004	TOTAL		11734	MEAN	32.1	MAX	52.0	MIN	2.3	AC-FT	23270	
WTR YEAR 2005	TOTAL		10517	MEAN	28.8	MAX	87.0	MIN	3.1	AC-FT	20860	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River, 00040000

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1919 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	79	---	---	---	---	---	0.00	36	42	48	121	96
2	79	---	---	---	---	---	0.00	34	43	46	113	99
3	78	---	---	---	---	---	0.00	32	44	49	113	92
4	78	---	---	---	---	---	0.00	32	54	47	127	95
5	78	---	---	---	---	---	0.00	32	62	45	140	96
6	78	---	---	---	---	---	0.00	33	56	55	127	93
7	73	---	---	---	---	---	0.00	33	54	66	114	101
8	67	---	---	---	---	---	0.00	35	52	62	109	136
9	66	---	---	---	---	---	0.00	35	52	60	96	116
10	65	---	---	---	---	---	0.00	34	52	58	93	119
11	46	---	---	---	---	---	0.00	35	52	63	95	117
12	6.6	---	---	---	---	---	0.00	36	54	69	104	89
13	---	---	---	---	---	---	0.00	36	70	70	124	77
14	---	---	---	---	---	---	0.00	36	75	71	128	65
15	---	---	---	---	---	0.00	0.00	36	73	79	125	61
16	---	---	---	---	---	0.00	0.00	36	70	75	109	58
17	---	---	---	---	---	0.00	0.00	37	66	73	100	56
18	---	---	---	---	---	0.00	0.00	38	62	72	99	54
19	---	---	---	---	---	0.00	0.00	38	61	71	99	52
20	---	---	---	---	---	0.00	0.00	37	58	78	94	52
21	---	---	---	---	---	0.00	0.00	37	55	83	89	51
22	---	---	---	---	---	0.00	0.00	36	53	90	89	50
23	---	---	---	---	---	0.00	0.00	35	51	102	87	48
24	---	---	---	---	---	0.00	0.00	35	50	100	86	48
25	---	---	---	---	---	0.00	13	36	51	103	88	48
26	---	---	---	---	---	0.00	31	36	52	168	88	48
27	---	---	---	---	---	0.00	41	37	51	152	95	47
28	---	---	---	---	---	0.00	36	37	52	104	97	45
29	---	---	---	---	---	0.00	36	38	52	92	94	44
30	---	---	---	---	---	0.00	35	43	50	115	93	43
31	---	---	---	---	---	0.00	---	44	---	121	92	---
TOTAL	793.6	0	0	0	0	0	192	1115	1669	2487	3228	2196
MEAN	66.1	---	---	---	---	0.000	6.4	36.0	55.6	80.2	104.1	73.2
MAX	79	---	---	---	---	0.00	41	44	75	168	140	136
MIN	6.6	---	---	---	---	0.00	0.00	32	42	45	86	43
AC-FT	1574	0.00	0.00	0.00	0.00	0.00	381	2212	3310	4933	6403	4356
CAL YEAR 2004	MAX	142.0	MIN	0.000	AC-FT	22130						
WTR YEAR 2005	MAX	168.0	MIN	0.000	AC-FT	23170						

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, except estimated records are poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 103 cubic feet per second August 14, gage height 1.41 feet; minimum daily discharge, 2.2 cubic feet per second May 23.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	14	13	10e	9.1	9.4	9.4	17	4.2	15	83	58
2	27	13	14	10e	8.6	9.1	9.1	17	4.1	19	79	61
3	26	13	14	10e	6.6	9.2	9.1	16	5.9	21	73	58
4	25	13	14	8.7	6.7	9.3	9.1	15	22	22	79	61
5	25	13	14	9.0e	6.8	9.4	9.0	14	17	25	83	61
6	19	13	14	10e	6.8	9.6	8.2	14	14	25	79	61
7	34	13	14	10	6.8	9.8	8.1	13	13	25	75	70
8	44	13	14	10	6.7	9.9	9.2	13	12	25	72	77
9	44	13	13	10	6.5	9.9	9.6	13	12	26	69	49
10	43	13	13	11	6.6	10	10	12	12	28	66	45
11	33	13	13	11	6.7	10	10	12	14	28	69	45
12	13	13	13e	11	6.8	10	10	13	25	31	87	41
13	12	13	13e	11	6.9	9.7	9.8	12	27	35	94	40
14	12	14	13e	11	7.0	9.8	10	11	13	37	98	29
15	13	14	13e	11	7.4	9.9	10	11	11	35	91	23
16	13	14	13e	11	7.6	10	11	10	26	36	83	22
17	12	14	13e	10e	7.7	10	11	9.8	10	39	85	21
18	13	14	12e	10e	8.3	10	11	10	11	42	88	19
19	14	14	12e	10e	8.6	10	12	8.2	10	43	85	19
20	13	14	12e	10e	8.9	10	24	5.1	10	44	78	19
21	14	14	12e	10e	8.8	11	25	4.1	9.6	48	73	19
22	14	14	12e	10	8.6	11	21	2.3	9.6	48	66	20
23	14	14	12e	10	8.9	11	20	2.2	9.6	50	64	19
24	13	14	12e	10	8.9	13	21	2.4	9.7	48	65	20
25	13	14	12e	9.7	9.1	13	22	2.5	10	50	64	20
26	14	14	11e	9.7	9.4	13	44	2.5	9.4	75	63	19
27	14	14	11e	9.6	10	13	41	3.2	13	84	66	17
28	14	12	11e	9.6	9.2	14	25	2.5	12	76	68	16
29	14	12	11e	9.3	---	14	20	2.4	9.9	72	63	16
30	13	12	11e	9.2	---	14	18	5.1	11	78	58	16
31	13	---	11e	9.2	---	11	---	6.0	---	81	56	---
TOTAL	614	402	390	311	220	333	466.6	281.3	377	1311	2322	1061
MEAN	19.8	13.4	12.6	10.0	7.9	10.7	15.6	9.1	12.6	42.3	74.9	35.4
MAX	44	14	14	11	10	14	44	17	27	84	98	77
MIN	12	12	11	8.7	6.5	9.1	8.1	2.2	4.1	15	56	16
AC-FT	1218	797	774	617	436	660	925	558	748	2600	4606	2104
CAL YEAR 2004	TOTAL		6609	MEAN	18.1	MAX	71.0	MIN	2.9	AC-FT	13110	
WTR YEAR 2005	TOTAL		8089	MEAN	22.2	MAX	98.0	MIN	2.2	AC-FT	16040	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Mitchell, 06679500

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

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

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

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

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

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

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	366	327	293	297	252	241	211	107	89	166	407	224
2	390	320	295	295	253	242	222	105	88	160	376	244
3	394	319	301	300	252	241	215	102	90	198	350	217
4	382	315	300	298	253	241	214	100	139	252	377	223
5	373	313	303	275	252	240	219	99	205	255	473	233
6	361	312	301	270e	252	239	223	99	152	243	433	232
7	369	309	301	270e	252	235	221	99	133	190	368	262
8	378	310	301	260e	253	234	224	99	121	162	322	514
9	370	312	303	250e	253	233	224	97	116	150	283	666
10	365	313	301	250e	253	232	232	99	114	151	266	699
11	369	314	306	240e	252	231	227	102	115	145	282	862
12	382	311	305	220e	252	230	225	102	161	150	341	841
13	379	311	302	220e	251	231	209	100	313	154	452	634
14	378	310	300	230e	250	230	225	100	251	139	508	331
15	385	308	307	240e	248	228	227	100	194	145	518	260
16	389	310	306	240e	248	228	253	99	198	166	446	232
17	388	306	307	250e	246	227	238	97	163	149	400	213
18	380	305	306	260e	247	224	184	95	150	163	381	201
19	372	307	305	260e	249	224	145	93	142	142	369	199
20	368	304	309	270e	247	225	135	91	136	153	321	199
21	364	305	302	270e	246	226	137	91	130	171	281	195
22	365	301	298	273	243	226	128	89	124	180	257	196
23	366	302	293	268	243	224	122	89	114	221	239	191
24	358	300	266	265	242	225	118	88	109	239	233	188
25	349	301	305	264	242	225	114	87	114	248	225	183
26	343	302	315	260	243	223	124	82	142	528	223	180
27	338	300	307	258	243	223	173	82	201	731	232	178
28	335	304	308	258	242	221	150	80	229	591	236	211
29	328	298	305	257	---	219	116	82	235	483	222	233
30	317	292	304	256	---	216	110	89	194	426	218	237
31	318	---	295	255	---	217	---	92	---	391	212	---
TOTAL	11319	9241	9350	8079	6959	7101	5565	2936	4662	7642	10251	9478
MEAN	365.1	308.0	301.6	260.6	248.5	229.1	185.5	94.7	155.4	246.5	330.7	315.9
MAX	394	327	315	300	253	242	253	107	313	731	518	862
MIN	317	292	266	220	242	216	110	80	88	139	212	178
AC-FT	22450	18330	18550	16020	13800	14080	11040	5823	9247	15160	20330	18800
CAL YEAR 2004	TOTAL		89238	MEAN	243.8	MAX	668.0	MIN	67.0	AC-FT	177000	
WTR YEAR 2005	TOTAL		92583	MEAN	253.7	MAX	862.0	MIN	80.0	AC-FT	183600	

e indicates estimated discharge.

TUB SPRINGS near Scottsbluff, 06680000

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

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

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

PERIOD OF RECORD.--1948 - present

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

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge 305 cubic feet per second June 16, gage height 2.87 feet; minimum daily discharge 11 cubic feet per second March 6 & 7.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	44	21	18	17	15	12	15	20	23	20	33	27
2	54	20	18	17	14	12	15	16	22	19	32	27
3	60	20	18	17e	14	12	15	16	21	21	31	27
4	60	22	18	17e	14	12	15	16	31	31	35	27
5	63	22	18	17e	14	12	15	15	35	22	35	29
6	72	21	18	17e	14	11	15	14	32	21	35	29
7	67	21	18	17e	14	11	14	14	33	25	34	34
8	38	21	18	18e	14	12	14	15	31	24	32	50
9	37	21	18	18e	14	12	14	15	29	23	33	54
10	37	21	18	18e	13	12	15	16	32	24	33	49
11	36	20	18	18	14	13	15	15	36	23	32	51
12	23	20	18	17	14	13	14	15	48	21	33	53
13	22	20	18	17	14	13	14	14	60	20	39	48
14	23	20	18	17	13	13	14	14	79	19	40	39
15	24	20	18	17	13	13	14	14	76	20	40	31
16	24	20	18	17	12	13	14	14	98	19	36	27
17	23	19	18	16	12	13	14	14	65	18	37	24
18	23	19	18	16	12	13	15	14	52	17	36	23
19	23	19	18	17	15	13	15	14	65	19	36	23
20	22	19	17	17	14	13	15	14	62	18	34	23
21	22	19	17	17	14	13	17	13	65	19	31	23
22	23	18	17	17	13	13	16	13	60	19	30	22
23	23	18	17	16	13	13	15	13	50	25	30	21
24	21	18	17	16	12	13	15	14	45	28	30	21
25	21	18	17	16	12	13	15	13	49	30	27	23
26	21	18	17	16	13	13	15	13	46	38	27	21
27	21	18	17	16	12	13	18	13	42	42	28	21
28	21	18	17	16	12	13	28	14	37	35	29	22
29	20	18	17	15	---	14	29	15	38	32	28	23
30	20	18	18	15	---	14	29	17	33	29	27	26
31	20	---	18	15	---	16	---	24	---	31	27	---
TOTAL	1008	587	548	517	374	396	488	461	1395	752	1010	918
MEAN	32.5	19.6	17.7	16.7	13.4	12.8	16.3	14.9	46.5	24.3	32.6	30.6
MAX	72	22	18	18	15	16	29	24	98	42	40	54
MIN	20	18	17	15	12	11	14	13	21	17	27	21
AC-FT	1999	1164	1087	1025	742	785	968	914	2767	1492	2003	1821
CAL YEAR 2004	TOTAL		7551	MEAN	20.6	MAX	72.0	MIN	11.0	AC-FT	14980	
WTR YEAR 2005	TOTAL		8454	MEAN	23.2	MAX	98.0	MIN	11.0	AC-FT	16770	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River, 00148000

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

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

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	23	15	25	24
2	---	---	---	---	---	---	0.00	0.00	22	18	25	24
3	---	---	---	---	---	---	0.00	0.00	21	25	25	24
4	---	---	---	---	---	---	0.00	0.00	22	27	25	23
5	---	---	---	---	---	---	0.00	0.00	25	27	27	23
6	---	---	---	---	---	---	0.00	0.00	21	24	27	23
7	---	---	---	---	---	---	0.00	0.00	14	24	27	22
8	---	---	---	---	---	---	0.00	0.00	11	24	24	25
9	---	---	---	---	---	---	0.00	5.4	8.8	21	23	29
10	---	---	---	---	---	---	0.00	11	8.4	22	22	22
11	---	---	---	---	---	---	0.00	10	9.5	26	22	18
12	---	---	---	---	---	---	0.00	11	11	29	22	18
13	---	---	---	---	---	---	0.00	11	17	30	24	18
14	---	---	---	---	---	---	0.00	9.6	17	26	25	19
15	---	---	---	---	---	0.00	0.00	9.0	17	26	24	22
16	---	---	---	---	---	0.00	0.00	8.5	17	27	22	20
17	---	---	---	---	---	0.00	0.00	8.1	16	21	22	19
18	---	---	---	---	---	0.00	0.00	7.6	16	24	22	19
19	---	---	---	---	---	0.00	0.00	7.2	16	21	22	17
20	---	---	---	---	---	0.00	0.00	11	16	21	21	16
21	---	---	---	---	---	0.00	0.00	17	15	11	20	16
22	---	---	---	---	---	0.00	0.00	17	14	23	20	16
23	---	---	---	---	---	0.00	0.00	17	12	25	20	16
24	---	---	---	---	---	0.00	0.00	18	10	26	20	16
25	---	---	---	---	---	0.00	0.00	18	10	26	20	16
26	---	---	---	---	---	0.00	0.00	18	12	31	23	6.5
27	---	---	---	---	---	0.00	0.00	18	15	38	30	0.00
28	---	---	---	---	---	0.00	0.00	18	16	37	30	0.00
29	---	---	---	---	---	0.00	0.00	18	16	30	27	0.00
30	---	---	---	---	---	0.00	0.00	22	15	25	26	0.00
31	---	---	---	---	---	0.00	---	25	---	25	25	---
TOTAL	0	0	0	0	0	0	0	315.4	463.7	775	737	511.5
MEAN	---	---	---	---	---	0.000	0.000	10.2	15.5	25.0	23.8	17.1
MAX	---	---	---	---	---	0.00	0.00	25	25	38	30	29
MIN	---	---	---	---	---	0.00	0.00	0.00	8.4	11	20	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	626	920	1537	1462	1015
CAL YEAR 2004	MAX	42.0	MIN	0.000	AC-FT	7310						
WTR YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	5559						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	21	32	44	34
2	---	---	---	---	---	---	0.00	0.00	21	34	37	33
3	---	---	---	---	---	---	0.00	0.00	22	31	41	31
4	---	---	---	---	---	---	0.00	0.00	30	47	46	30
5	---	---	---	---	---	---	0.00	0.00	26	44	45	26
6	---	---	---	---	---	---	0.00	0.00	25	36	44	25
7	---	---	---	---	---	---	0.00	0.00	24	36	43	26
8	---	---	---	---	---	---	0.00	0.00	23	38	42	32
9	---	---	---	---	---	---	0.00	0.00	24	37	43	34
10	---	---	---	---	---	---	0.00	0.00	24	33	44	22
11	---	---	---	---	---	---	0.00	0.00	25	38	44	21
12	---	---	---	---	---	---	0.00	0.00	26	37	47	21
13	---	---	---	---	---	---	0.00	11	27	37	54	25
14	---	---	---	---	---	---	0.00	18	23	38	45	28
15	---	---	---	---	---	0.00	0.00	18	22	41	40	28
16	---	---	---	---	---	0.00	0.00	17	24	44	41	24
17	---	---	---	---	---	0.00	0.00	16	21	43	42	23
18	---	---	---	---	---	0.00	0.00	16	23	43	39	23
19	---	---	---	---	---	0.00	0.00	16	22	37	26	23
20	---	---	---	---	---	0.00	0.00	15	20	1.8	32	22
21	---	---	---	---	---	0.00	0.00	13	23	21	36	22
22	---	---	---	---	---	0.00	0.00	18	24	40	35	16
23	---	---	---	---	---	0.00	0.00	22	26	41	36	12
24	---	---	---	---	---	0.00	0.00	22	26	41	36	12
25	---	---	---	---	---	0.00	0.00	21	25	41	36	5.2
26	---	---	---	---	---	0.00	0.00	21	25	55	37	0.00
27	---	---	---	---	---	0.00	0.00	20	25	52	38	0.00
28	---	---	---	---	---	0.00	0.00	21	16	48	39	0.00
29	---	---	---	---	---	0.00	0.00	20	16	48	39	0.00
30	---	---	---	---	---	0.00	0.00	22	24	44	40	0.00
31	---	---	---	---	---	0.00	---	24	---	44	38	---
TOTAL	0	0	0	0	0	0	0	351	703	1202.8	1249	598.2
MEAN	---	---	---	---	---	0.000	0.000	11.3	23.4	38.8	40.3	19.9
MAX	---	---	---	---	---	0.00	0.00	24	30	55	54	34
MIN	---	---	---	---	---	0.00	0.00	0.00	16	1.8	26	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	696	1394	2386	2477	1187
CAL YEAR 2004	MAX	42.0	MIN	0.000	AC-FT	7310						
WTR YEAR 2005	MAX	55.0	MIN	0.000	AC-FT	8140						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	22	21	34	28
2	---	---	---	---	---	---	0.00	0.00	22	22	33	28
3	---	---	---	---	---	---	0.00	0.00	22	23	33	28
4	---	---	---	---	---	---	0.00	0.00	13	25	34	28
5	---	---	---	---	---	---	0.00	0.00	5.9	26	33	26
6	---	---	---	---	---	---	0.00	0.00	20	26	33	25
7	---	---	---	---	---	---	0.00	0.00	25	29	32	24
8	---	---	---	---	---	---	0.00	0.00	25	31	31	25
9	---	---	---	---	---	---	0.00	0.00	25	32	31	26
10	---	---	---	---	---	---	0.00	0.00	25	33	31	25
11	---	---	---	---	---	---	0.00	0.00	26	33	31	22
12	---	---	---	---	---	---	0.00	1.9	26	33	32	20
13	---	---	---	---	---	---	0.00	15	24	33	33	20
14	---	---	---	---	---	0.00	0.00	18	14	32	33	19
15	---	---	---	---	---	0.00	0.00	19	0.00	33	33	18
16	---	---	---	---	---	0.00	0.00	20	0.00	33	33	17
17	---	---	---	---	---	0.00	0.00	21	0.00	33	27	17
18	---	---	---	---	---	0.00	0.00	22	0.00	33	23	17
19	---	---	---	---	---	0.00	0.00	22	0.00	33	23	17
20	---	---	---	---	---	0.00	0.00	22	0.00	33	26	17
21	---	---	---	---	---	0.00	0.00	22	0.00	32	27	17
22	---	---	---	---	---	0.00	0.00	23	0.00	31	26	17
23	---	---	---	---	---	0.00	0.00	23	3.2	32	27	16
24	---	---	---	---	---	0.00	0.00	24	18	33	28	16
25	---	---	---	---	---	0.00	0.00	23	19	32	28	17
26	---	---	---	---	---	0.00	0.00	23	20	32	28	16
27	---	---	---	---	---	0.00	0.00	23	23	31	27	9.5
28	---	---	---	---	---	0.00	0.00	23	27	30	27	8.4
29	---	---	---	---	---	0.00	0.00	23	26	32	28	8.1
30	---	---	---	---	---	0.00	0.00	24	21	33	29	7.8
31	---	---	---	---	---	0.00	---	25	---	33	28	---
TOTAL	0	0	0	0	0	0	0	416.9	452.1	948	922	579.8
MEAN	---	---	---	---	---	0.000	0.000	13.4	15.1	30.6	29.7	19.3
MAX	---	---	---	---	---	0.00	0.00	25	27	33	34	28
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	21	23	7.8
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	827	897	1880	1829	1150
CAL YEAR 2004	MAX	35.0	MIN	0.000	AC-FT	6714						
WTR YEAR 2005	MAX	34.0	MIN	0.000	AC-FT	6583						

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 184 cubic feet per second September 8, gage height 3.29 feet; minimum daily discharge 2.8 cubic feet per second July 9.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	41e	32	26	27	26	31	29	28	10e	49	46
2	55	41e	33	26	26	25	31	41	26	42	39	50
3	56	41	33	26	23	26	32	41	26	92	26	55
4	55	41	32	27	23	25	34	38	41	63	26	56
5	56	43	32	28	23	24	30	33	35	42	26	60
6	54	45	32	27	23	24	22	33	33	5.1	26	64
7	54	44	31	27	23	23	18	34	24	4.8	24	67
8	51	32	30	25	24	23	17	36	19	4.1	20	84
9	50	33	30	25	24	22	22	34	18	2.8	21	96
10	50	30	29	25	24	24	21	35	18	6.0	22	60
11	50	29	29	25	24	25	25	40	21	8.4	24	56
12	49	29	28	24	24	25	29	44	24	9.3	27	57
13	47	29	26	25	24	25	34	32	35	8.5	75	54
14	47	29	24	24	24	25	39	25	32	8.6	115	52
15	49	30	24	24	24	26	30	23	29	8.6	123	52
16	48	31	24	24	24	27	26	22	35	9.3	120	51
17	47	32	23	24	25	27	26	22	24	5.7	118	53
18	51	30	23	24	25	26	28	23	28	6.6	111	53
19	53	30	23	25	25	26	29	22	26	13	70	57
20	52	30	23	25	24	26	29	21	22	47	47	57
21	51	30	22	24	23	26	30	27	21	27	39	59
22	51	31	22	24	24	27	28	27	23	12	38	68
23	53	31	22	24	24	27	28	24	28	13	39	74
24	47	30	23	24	24	27	28	19	26	13	37	72
25	44	30	23	24	24	26	28	19	22	12	36	85
26	44	31	23	25	27	27	27	17	24	24	36	82
27	43	31	23	26	27	26	28	18	21	34	40	60
28	43	32	23	26	26	28	28	20	36	36	41	59
29	43	31	24	25	---	30	28	18	26	48	42	64
30	43	32	24	26	---	29	27	26	10e	47	42	61
31	42e	---	25	26	---	33	---	32	---	47	40	---
TOTAL	1532	999	815	780	682	806	833	875	781	709.8	1539	1864
MEAN	49.4	33.3	26.3	25.2	24.4	26.0	27.8	28.2	26.0	22.9	49.6	62.1
MAX	56	45	33	28	27	33	39	44	41	92	123	96
MIN	42	29	22	24	23	22	17	17	10	2.8	20	46
AC-FT	3039	1981	1617	1547	1353	1599	1652	1736	1549	1408	3053	3697
CAL YEAR 2004	TOTAL		10610	MEAN	29.0	MAX	64.0	MIN	2.1	AC-FT	21040	
WTR YEAR 2005	TOTAL		12216	MEAN	33.5	MAX	123.0	MIN	2.8	AC-FT	24230	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River, 00099000

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

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

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	42	---	---	---	---	---	0.00	19	54	52	82	82
2	43	---	---	---	---	---	0.00	22	54	62	83	84
3	45	---	---	---	---	---	0.00	27	57	68	84	83
4	42	---	---	---	---	---	0.00	35	31	63	89	82
5	33	---	---	---	---	---	0.00	38	24	65	89	82
6	29	---	---	---	---	---	0.00	37	29	69	89	81
7	28	---	---	---	---	---	0.00	43	32	68	86	80
8	28	---	---	---	---	---	0.00	48	33	69	84	83
9	28	---	---	---	---	---	0.00	46	32	84	84	85
10	28	---	---	---	---	---	0.00	45	36	92	84	81
11	29	---	---	---	---	---	0.00	46	40	93	84	82
12	32	---	---	---	---	---	0.00	47	35	93	89	81
13	28	---	---	---	---	---	0.00	40	27	95	88	73
14	10	---	---	---	---	---	0.00	38	26	101	82	65
15	0.00	---	---	---	---	0.00	0.00	45	24	105	83	67
16	0.00	---	---	---	---	0.00	0.00	48	25	107	79	73
17	0.00	---	---	---	---	0.00	0.00	47	24	106	73	64
18	0.00	---	---	---	---	0.00	0.00	47	28	103	68	57
19	0.00	---	---	---	---	0.00	0.00	46	31	98	67	58
20	---	---	---	---	---	0.00	0.00	46	31	102	68	56
21	---	---	---	---	---	0.00	0.00	46	33	103	70	54
22	---	---	---	---	---	0.00	0.00	48	33	104	69	56
23	---	---	---	---	---	0.00	0.00	56	34	108	70	57
24	---	---	---	---	---	0.00	0.00	60	35	110	70	55
25	---	---	---	---	---	0.00	0.00	60	35	108	73	53
26	---	---	---	---	---	0.00	2.2	60	36	115	80	54
27	---	---	---	---	---	0.00	15	60	39	112	84	54
28	---	---	---	---	---	0.00	11	60	42	93	84	53
29	---	---	---	---	---	0.00	12	61	49	91	83	51
30	---	---	---	---	---	0.00	14	60	52	89	83	51
31	---	---	---	---	---	0.00	---	58	---	84	81	---
TOTAL	445	0	0	0	0	0	54.2	1439	1061	2812	2482	2037
MEAN	23.4	---	---	---	---	0.000	1.8	46.4	35.4	90.7	80.1	67.9
MAX	45	---	---	---	---	0.00	15	61	57	115	89	85
MIN	0.00	---	---	---	---	0.00	0.00	19	24	52	67	51
AC-FT	883	0.00	0.00	0.00	0.00	0.00	108	2854	2104	5578	4923	4040
CAL YEAR 2004	MAX	123.0	MIN	0.000	AC-FT	28870						
WTR YEAR 2005	MAX	115.0	MIN	0.000	AC-FT	20490						

GERING CREEK near Gering, 06681500

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,160 cubic feet per second June 4, gage height 6.83 feet; minimum daily discharge 10 cubic feet per second April 15 & 23.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	20	16	16	16	15	14	11	15	106	104	94
2	22	18	16	15	16	14	13	12	14	101	103	94
3	22	18	17	16	16	13	13	12	15	118	102	86
4	21	18	18	16	16	14	13	13	295	109	168	86
5	21	18	17	15	15	14	14	13	33	111	124	99
6	21	18	18	15	15	14	14	15	18	84	110	94
7	22	18	18	16	15	14	13	15	16	76	113	108
8	22	17	18	16	15	14	13	15	15	75	104	135
9	22	17	18	17	15	14	14	15	15	68	104	119
10	22	18	18	17	15	14	20	16	15	68	108	112
11	22	17	19	17	15	14	17	17	16	70	114	81
12	22	17	18	17	15	15	13	16	79	72	125	34
13	21	18	17	17	15	15	12	16	95	65	203	28
14	21	18	17	16	15	15	13	16	19	66	164	28
15	23	18	18	16	15	15	10	15	17	70	172	27
16	22	18	18	16	14	15	13	15	23	69	170	27
17	21	18	18	17	14	16	11	14	15	73	167	26
18	21	18	18	17	14	16	12	14	15	76	130	27
19	21	18	17	17	14	16	14	14	16	79	116	26
20	22	18	18	17	14	16	14	13	16	83	107	25
21	21	18	17	17	14	17	17	12	16	81	110	26
22	20	18	16	16	13	16	11	11	16	79	107	27
23	21	17	15	16	14	16	10	12	16	78	101	25
24	20	17	16	16	15	15	11	13	27	77	96	26
25	20	17	16	16	15	15	12	13	66	81	87	25
26	19	17	16	16	15	15	11	13	22	158	86	25
27	18	17	16	16	15	14	11	13	119	103	88	24
28	19	17	16	16	15	13	14	13	118	99	91	24
29	18	17	16	16	---	13	13	13	92	97	96	24
30	19	16	16	16	---	13	12	19	84	103	101	24
31	18	---	16	16	---	18	---	28	---	104	96	---
TOTAL	650	529	528	503	415	458	392	447	1338	2699	3667	1606
MEAN	21.0	17.6	17.0	16.2	14.8	14.8	13.1	14.4	44.6	87.1	118.3	53.5
MAX	26	20	19	17	16	18	20	28	295	158	203	135
MIN	18	16	15	15	13	13	10	11	14	65	86	24
AC-FT	1289	1049	1047	998	823	908	778	887	2654	5353	7273	3185
CAL YEAR 2004	TOTAL		10919	MEAN	29.8	MAX	280.0	MIN	13.0	AC-FT	21660	
WTR YEAR 2005	TOTAL		13232	MEAN	36.3	MAX	295.0	MIN	10.0	AC-FT	26250	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	30	---	---	---	---	---	0.00	41	54	71	81	82
2	28	---	---	---	---	---	0.00	41	54	83	87	75
3	26	---	---	---	---	---	0.00	39	54	87	89	75
4	26	---	---	---	---	---	0.00	38	31	89	83	81
5	26	---	---	---	---	---	0.00	36	29	89	84	83
6	26	---	---	---	---	---	0.00	42	41	82	83	79
7	25	---	---	---	---	---	0.00	55	41	86	82	77
8	25	---	---	---	---	---	0.00	53	41	82	80	81
9	24	---	---	---	---	---	0.00	44	40	82	78	89
10	23	---	---	---	---	---	0.00	43	40	80	82	79
11	23	---	---	---	---	---	0.00e	45	42	77	84	74
12	23	---	---	---	---	---	0.00e	45	44	73	84	79
13	21	---	---	---	---	---	15e	42	48	72	90	78
14	21	---	---	---	---	0.00	31	44	42	75	86	73
15	20	---	---	---	---	0.00	31	46	34	78	79	68
16	16	---	---	---	---	0.00	32	46	34	81	79	65
17	2.3	---	---	---	---	0.00	36	56	33	83	82	64
18	0.00	---	---	---	---	0.00	37	60	33	86	82	63
19	0.00	---	---	---	---	0.00	41	59	33	91	82	61
20	---	---	---	---	---	0.00	45	56	34	94	81	62
21	---	---	---	---	---	0.00	47	53	46	94	79	61
22	---	---	---	---	---	0.00	41	64	67	89	84	60
23	---	---	---	---	---	0.00	45	71	62	90	89	60
24	---	---	---	---	---	0.00	54	69	59	91	86	59
25	---	---	---	---	---	0.00	58	67	56	92	88	59
26	---	---	---	---	---	0.00	48	66	68	88	89	51
27	---	---	---	---	---	0.00	49	66	77	83	88	44
28	---	---	---	---	---	0.00	54	66	74	80	87	43
29	---	---	---	---	---	0.00	50	66	73	78	86	40
30	---	---	---	---	---	0.00	42	72	70	84	83	29
31	2.0	---	---	---	---	0.00	---	62	---	82	81	---
TOTAL	387.3	0	0	0	0	0	756	1653	1454	2592	2598	1994
MEAN	19.4	---	---	---	---	0.000	25.2	53.3	48.5	83.6	83.8	66.5
MAX	30	---	---	---	---	0.00	58	72	77	94	90	89
MIN	0.00	---	---	---	---	0.00	0.00	36	29	71	78	29
AC-FT	768	0.00	0.00	0.00	0.00	0.00	1500	3279	2884	5141	5153	3955
CAL YEAR 2004	MAX		98.0	MIN	0.000	AC-FT	19890					
WTR YEAR 2005	MAX		94.0	MIN	0.000	AC-FT	22680					

e indicates estimated discharge.

NORTH PLATTE RIVER near Minatare, 06682000

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

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

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

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

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

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	549	549	473	436	380	355	358	243	140	314	495	344
2	534	534	465	435	380	361	360	231	124	267	475	358
3	564	530	469	438	378	362	359	223	119	339	440	364
4	566	521	470	431	377	364	360	208	582	353	524	342
5	571	523	471	422	377	365	358	192	473	392	499	348
6	579	520	472	420e	371	367	359	178	350	337	517	371
7	580	511	468	430e	367	363	354	156	297	281	511	407
8	575	507	471	429e	370	363	356	151	266	242	465	486
9	564	508	468	431e	365	363	353	157	244	201	440	680
10	558	500	469	432e	368	360	384	150	237	162	412	745
11	551	503	477	434e	372	363	378	156	263	170	418	781
12	552	513	473	435e	376	363	352	162	297	165	454	833
13	541	506	463	428e	378	360	326	154	513	156	616	778
14	559	503	462	415e	370	353	315	145	475	137	722	599
15	596	501	467	406e	372	352	303	140	433	135	795	432
16	601	503	465	410e	367	350	321	141	457	125	762	376
17	610	500	464	399e	366	355	320	125	418	139	710	347
18	607	498	461	408e	366	349	305	114	395	136	646	329
19	595	496	464	417e	369	350	275	117	373	152	590	315
20	594	489	465	417e	374	353	232	116	353	158	525	306
21	586	490	454	415e	372	352	261	110	318	155	470	306
22	589	490	449	406	363	354	228	104	275	150	425	315
23	600	485	445e	409	359	352	215	75e	266	158	395	316
24	580	487	446e	408	359	355	201	64e	241	175	380	306
25	569	492	434	401	358	350	190	55e	291	192	354	313
26	562	499	449	395	353	350	189	52e	222	333	333	338
27	560	490	444	385	352	351	186	53e	307	538	337	346
28	565	494	446	386	349	354	238	51	383	650	348	342
29	554	477	443	387	---	351	268	47	367	586	351	361
30	533	469e	449	384	---	350	264	87	317	537	343	374
31	530	---	435	385	---	386	---	166	---	503	333	---
TOTAL	17674	15088	14251	12834	10308	11076	8968	4123	9796	8338	15085	12858
MEAN	570.1	502.9	459.7	414.0	368.1	357.3	298.9	133.0	326.5	269.0	486.6	428.6
MAX	610	549	477	438	380	386	384	243	582	650	795	833
MIN	530	469	434	384	349	349	186	47	119	125	333	306
AC-FT	35060	29930	28270	25460	20450	21970	17790	8178	19430	16540	29920	25500
CAL YEAR 2004	TOTAL		126858	MEAN	346.6	MAX	617.0	MIN	24.0	AC-FT	251600	
WTR YEAR 2005	TOTAL		140399	MEAN	384.7	MAX	833.0	MIN	47.0	AC-FT	278500	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	7.0	---	---	---	---	0.00	38	26	17	28	32e
2	13	7.0	---	---	---	---	0.00	36	24	29	29	33
3	13	7.0	---	---	---	---	0.00	35	22	38	29	32
4	13	7.0	---	---	---	---	0.00	34	36	39	31	29
5	13	6.4	---	---	---	---	0.00	31	13	39	30	30
6	13	5.2	---	---	---	---	0.00	30	17	37	30	31
7	11	5.2	---	---	---	---	0.00	29	33	36	31	33
8	9.1	5.2	---	---	---	---	0.00	29	28	35	31	37
9	9.8	5.2	---	---	---	---	0.00	30	29	31	29	42
10	11	5.2	---	---	---	---	0.00	28	28	31	27	39
11	11	11	---	---	---	---	0.00	29	28	30	31	37
12	12	19	---	---	---	---	0.00	30	29	29	36	32
13	13	18	---	---	---	---	0.00	28	25	27	34	28
14	23	16	---	---	---	---	0.00	27	16	24	31e	21
15	24	16	---	---	---	---	0.00	25	13	24	28e	21
16	25	8.0e	---	---	---	---	0.00	23	11	26	28	24
17	25	0.00e	---	---	---	---	0.00	21	9.0	28	27	22
18	17	---	---	---	---	0.00	0.00	21	16	29	25e	22
19	10	---	---	---	---	0.00	0.00	20	21	33	24	16
20	9.5	---	---	---	---	0.00	0.00	19	20	40	35	12
21	9.5	---	---	---	---	0.00	0.00	18	21	42	31	12
22	9.4	---	---	---	---	0.00	0.00	15	21	36	31	11
23	8.6	---	---	---	---	0.00	2.9	0.08	20	15	27	11
24	8.6	---	---	---	---	0.00	11	0.28	18	28	23	11
25	8.2	---	---	---	---	0.00	17	7.0	18	29	24	11
26	7.8	---	---	---	---	0.00	20	7.0	16	5.2	24	11
27	7.8	---	---	---	---	0.00	25	7.6	16	5.2	25	11
28	7.5	---	---	---	---	0.00	35	10	16	17	27	11
29	7.0	---	---	---	---	0.00	39	9.5	17	32	25	11
30	7.0	---	---	---	---	0.00	39	19	17	26	29	11
31	7.0	---	---	---	---	0.00	---	31	---	27	32	---
TOTAL	375.8	148.4	0	0	0	0	188.9	687.46	624	884.4	892	684
MEAN	12.1	8.7	---	---	---	0.000	6.3	22.2	20.8	28.5	28.8	22.8
MAX	25	19	---	---	---	0.00	39	38	36	42	36	42
MIN	7.0	0.00	---	---	---	0.00	0.00	0.08	9.0	5.2	23	11
AC-FT	745	294	0.00	0.00	0.00	0.00	375	1364	1238	1754	1769	1357
CAL YEAR 2004	MAX	72.0	MIN	0.000	AC-FT	6433						
WTR YEAR 2005	MAX	42.0	MIN	0.000	AC-FT	8896						

e indicates estimated discharge.

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45	25	---	---	---	---	0.00	23	34	40	37	42
2	41	24	---	---	---	---	0.00	27	33	31	36	42
3	38	24	---	---	---	---	0.00	31	38	40	28	41
4	37	24	---	---	---	---	0.00	35	95	36	40	41
5	36	23	---	---	---	---	3.0e	34	62	46	43	44
6	34	22	---	---	---	---	6.9	35	52	43	44	42
7	35	21	---	---	---	---	6.9	36	44	36	45	41
8	29	21	---	---	---	---	6.9	36	40	37	47	43
9	27	22	---	---	---	---	6.9	34	37	44	44	35
10	26	22	---	---	---	---	7.2	33	34	42	44	28
11	30	21	---	---	---	---	12	31	37	38	45	38
12	33	21	---	---	---	---	11	31	41	36	45	37
13	32	21	---	---	---	---	10	30	21	36	48	36
14	32	22	---	---	---	---	11	28	6.2	37	47	36
15	33	21	---	---	---	---	23	28	5.3	38	45	36
16	32	21	---	---	---	---	28	28	5.7	38	45	35
17	31	22	---	---	---	---	31	30	9.6	38	45	36
18	30	19	---	---	---	---	34	31	20	38	44	35
19	31	12	---	---	---	---	33	31	29	38	44	31
20	32	6.1	---	---	---	---	32	32	27	36	41	28
21	32	0.00	---	---	---	---	38	31	25	36	40	29
22	31	0.00	---	---	---	---	32	31	26	21	38	28
23	32	0.00	---	---	---	---	31	31	26	0.00	39	26
24	27	0.00	---	---	---	---	30	31	27	0.00	40	26
25	25	0.00	---	---	---	0.00	31	32	28	0.00	41	25
26	26	0.00	---	---	---	0.00	38	32	27	0.00	42	25
27	26	0.00	---	---	---	0.00	32	32	28	0.00	41	24
28	27	0.00	---	---	---	0.00	27	31	28	0.00	41	23
29	24	0.00	---	---	---	0.00	23	31	27	23	42	23
30	23	0.00	---	---	---	0.00	23	33	30	37	43	22
31	24	---	---	---	---	0.00	---	37	---	34	43	---
TOTAL	961	414.1	0	0	0	0	567.8	976	942.8	919	1307	998
MEAN	31.0	13.8	---	---	---	0.000	18.9	31.5	31.4	29.6	42.2	33.3
MAX	45	25	---	---	---	0.00	38	37	95	46	48	44
MIN	23	0.00	---	---	---	0.00	0.00	23	5.3	0.00	28	22
AC-FT	1906	821	0.00	0.00	0.00	0.00	1126	1936	1870	1823	2592	1980

CAL YEAR 2004 MAX 64.0 MIN 0.000 AC-FT 14670
WTR YEAR 2005 MAX 95.0 MIN 0.000 AC-FT 14050

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew, 06682500

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

PERIOD OF RECORD.--1932 - present

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 929 cubic feet per second June 4, gage height 6.50 feet; minimum daily discharge 3.9 cubic feet per second April 23.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	70	47	47	41	33	33	31	52	55	87	90	88
2	69	46	46	41	35	32	28	43	52	54	85	92
3	70	46	47	41	32	32	29	30	54	131	69	95
4	68	43	47	38	29	33	32	35	489	98	94	94
5	68	42	47	40	32	33	26	40	178	112	90	97
6	67	44	45	50	32	34	23	40	86	95	91	95
7	66	43	46	43	34	33	27	44	82	89	91	96
8	62	44	45	43	35	34	28	53	56	44	91	103
9	57	46	44	42	38	33	32	51	48	24	84	143
10	56	45	44	43	35	33	40	55	44	36	88	87
11	50	48	45	42	34	35	43	60	47	62	90	76
12	42	62	45	41	35	35	40	65	66	55	103	79
13	35	62	43	39	35	35	40	66	109	55	188	78
14	43	60	43	42	34	34	41	62	97	53	179	78
15	46	57	44	39	36	33	23	63	86	56	162	77
16	44	36	44	40	36	33	10	56e	83	55	161	82
17	48	34	44	39	35	34	8.3	30e	69	52	155	81
18	50	35	44	39	35	33	5.3	20e	56	56	146	79
19	37	42	43	37	35	32	5.2	25	56	58	132	82
20	39	45	43	37	35	32	5.7	27	52	61	130	80
21	37	54	43	38	37	32	7.6	29	48	59	132	85
22	37	55	42	35	40	34	5.2	26	46	70	112	83
23	38	54	40	36	34	34	3.9	20e	43	95	98	75
24	43	51	49	35	34	36	13	15e	43	104	93	73
25	51	51	44	36	35	36	17	10e	49	114	95	68
26	59	52	42	34	34	36	26	12	46	134	94	67
27	59	50	42	35	33	36	20	9.9	46	165	90	66
28	60	51	42	34	33	36	35	12	48	163	91	62
29	56	46	42	34	---	34	44	14	46	137	91	63
30	50	46	43	33	---	36	54	32	39	82	90	64
31	45	---	41	34	---	38	---	65	---	83	87	---
TOTAL	1622	1437	1366	1201	965	1054	743.2	1161.9	2319	2539	3392	2488
MEAN	52.3	47.9	44.1	38.7	34.5	34.0	24.8	37.5	77.3	81.9	109.4	82.9
MAX	70	62	49	50	40	38	54	66	489	165	188	143
MIN	35	34	40	33	29	32	3.9	9.9	39	24	69	62
AC-FT	3217	2850	2709	2382	1914	2091	1474	2305	4600	5036	6728	4935
CAL YEAR 2004	TOTAL		16508	MEAN	45.1	MAX	131.0	MIN	8.0	AC-FT	32740	
WTR YEAR 2005	TOTAL		20288	MEAN	55.6	MAX	489.0	MIN	3.9	AC-FT	40240	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River, 00133000

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1916, 1920 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	---	---	---	---	---	0.00	36	20	24	28	26
2	25	---	---	---	---	---	0.00	33	25	21	28	26
3	26	---	---	---	---	---	0.00	25	28	21	25	26
4	25	---	---	---	---	---	0.00	28	29	11	33	26
5	25	---	---	---	---	---	0.00	32	3.0	15	29	27
6	25	---	---	---	---	---	0.00	31	27	16	30	27
7	25	---	---	---	---	---	0.00	31	36	16	30	26
8	23	---	---	---	---	---	0.00	34	32	17	27	27
9	19	---	---	---	---	---	0.00	33	37	22	29	29
10	19	---	---	---	---	---	0.00	34	37	21	29	26
11	16	---	---	---	---	---	0.00	36	38	19	27	28
12	13	---	---	---	---	---	0.00	38	24	19	31	29
13	11	---	---	---	---	---	0.00	35	0.00	20	28	29
14	13	---	---	---	---	0.00	0.00	31	0.31	20	25	27
15	14	---	---	---	---	0.00	0.00	29	1.8	23	24	25
16	12	---	---	---	---	0.00	0.00	28	1.5	23	26	26
17	10	---	---	---	---	0.00	0.00	22	0.80	22	27	26
18	11	---	---	---	---	0.00	0.00	19	1.1	24	27	25
19	8.1	---	---	---	---	0.00	0.29	17	2.7	22	25	26
20	0.84	---	---	---	---	0.00	1.5	15	17	25	25	28
21	---	---	---	---	---	0.00	4.5	14	19	25	27	29
22	---	---	---	---	---	0.00	3.6	11	20	15	28	28
23	---	---	---	---	---	0.00	2.8	8.3	22	0.00	25	25
24	---	---	---	---	---	0.00	11	8.4	25	0.00	29	24
25	---	---	---	---	---	0.00	15	9.3	27	0.00	32	22
26	---	---	---	---	---	0.00	23	10	27	0.00	32	24
27	---	---	---	---	---	0.00	22	8.6	28	15	28	24
28	---	---	---	---	---	0.00	31	9.8	27	27	24	23
29	---	---	---	---	---	0.00	34	11	25	26	23	24
30	---	---	---	---	---	0.00	37	19	23	25	24	24
31	---	---	---	---	---	0.00	---	29	---	26	24	---
TOTAL	346.94	0	0	0	0	0	185.69	725.4	604.21	560	849	782
MEAN	17.3	---	---	---	---	0.000	6.2	23.4	20.1	18.1	27.4	26.1
MAX	26	---	---	---	---	0.00	37	38	38	27	33	29
MIN	0.84	---	---	---	---	0.00	0.00	8.3	0.00	0.00	23	22
AC-FT	688	0.00	0.00	0.00	0.00	0.00	368	1439	1198	1111	1684	1551
CAL YEAR 2004	MAX	45.0	MIN	0.000	AC-FT	9054						
WTR YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	8039						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	---	---	---	---	---	0.00	15	41	54	76	47e
2	42	---	---	---	---	---	0.00	18	43	47	75	48
3	36	---	---	---	---	---	0.00	25	47	53	75	51
4	32	---	---	---	---	---	0.00	25	24e	57	74	51
5	31	---	---	---	---	---	0.00	24	6.7e	59	71	51
6	31	---	---	---	---	---	0.00	31	0.00e	56	74	52
7	31	---	---	---	---	---	0.00	28	6.8e	53	75	53
8	31	---	---	---	---	---	0.00	33	24	63	76	54
9	31	---	---	---	---	---	0.00	44	24	60	76	55
10	31	---	---	---	---	---	0.00	43	24	64	75	52
11	31	---	---	---	---	---	0.00	43	27	72	74	53
12	27	---	---	---	---	---	0.00	43	26	71	73	53
13	21	---	---	---	---	---	0.00	39	32	69	71	52
14	8.3	---	---	---	---	---	0.00	37	13	66	70	49
15	0.00	---	---	---	---	---	0.00	39	23	65	70	48
16	0.00	---	---	---	---	---	0.00	43	15	62	67	47
17	0.00	---	---	---	---	---	0.00	38	15	66	68	46
18	0.00	---	---	---	---	0.00	14	36	14	66	55	41
19	0.00	---	---	---	---	0.00	21	39	14	67	49	34
20	0.00	---	---	---	---	0.00	20	48	26	67	47	32
21	---	---	---	---	---	0.00	20	49	38	70	45	32
22	---	---	---	---	---	0.00	16	49	37	72	42	36
23	---	---	---	---	---	0.00	16	50	38	74	43	36
24	---	---	---	---	---	0.00	16	48	47	75	38	36
25	---	---	---	---	---	0.00	16	48	58	76	32	36
26	---	---	---	---	---	0.00	18	50	52	73	38	37
27	---	---	---	---	---	0.00	17	50	64	74	41	37
28	---	---	---	---	---	0.00	22	49	74	73	44	38
29	---	---	---	---	---	0.00	18	50	65	74	46	36
30	---	---	---	---	---	0.00	14	57	51	73	46	34
31	---	---	---	---	---	0.00	---	59	---	72	46	---
TOTAL	426.3	0	0	0	0	0	228	1250	969.5	2043	1852	1327
MEAN	21.3	---	---	---	---	0.000	7.6	40.3	32.3	65.9	59.7	44.2
MAX	43	---	---	---	---	0.00	22	59	74	76	76	55
MIN	0.00	---	---	---	---	0.00	0.00	15	0.00	47	32	32
AC-FT	846	0.00	0.00	0.00	0.00	0.00	452	2479	1923	4052	3673	2632
CAL YEAR 2004	MAX	72.0	MIN	0.000	AC-FT	17500						
WTR YEAR 2005	MAX	76.0	MIN	0.000	AC-FT	16060						

e indicates estimated discharge.

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	21	---	---	---	---	8.8	25	19	14	12	26
2	19	21	---	---	---	---	11	26	17	15	12	26
3	18	21	---	---	---	---	9.2	25	19	15	13	26
4	17	21	---	---	---	---	6.2	24	21	15	20	26
5	16	20	---	---	---	---	8.6	22	0.50	14	21	27
6	15	21	---	---	---	---	18	21	12	14	20	27
7	14	20	---	---	---	---	16	21	21	13	21	27
8	16	20	---	---	---	---	13	24	20	12	18	27
9	18	20	---	---	---	---	14	24	20	13	17	27
10	18	21	---	---	---	---	13	21	17	13	18	26
11	18	21	---	---	---	---	17	21	18	9.6	18	26
12	16	22	---	---	---	---	14	25	17	9.4	20	26
13	17	22	---	---	---	---	12	22	8.6	7.6	23	26
14	17	22	---	---	---	0.00	12	20	1.8	8.1	18	27
15	18	13	---	---	---	0.00	15	17	12	14	18	27
16	17	0.00	---	---	---	6.0	23	16	21	15	17	27
17	15	0.00	---	---	---	8.2	22	13	20	14	16	28
18	15	---	---	---	---	8.1	19	16	20	17	17	27
19	16	---	---	---	---	8.5	13	18	21	18	14	27
20	17	---	---	---	---	9.0	14	12	22	19	12	28
21	16	---	---	---	---	9.2	19	12	21	18	11	29
22	16	---	---	---	---	11	15	11	20	18	11	29
23	17	---	---	---	---	14	13	10	20	8.3	9.1	28
24	19	---	---	---	---	13	13	8.9	20	0.00	8.7	28
25	20	---	---	---	---	12	13	9.4	20	0.00	19	28
26	19	---	---	---	---	10	14	10	20	0.00	25	28
27	19	---	---	---	---	11	14	11	19	0.00	25	28
28	19	---	---	---	---	16	19	11	18	3.3	25	27
29	19	---	---	---	---	14	20	11	15	10	25	28
30	20	---	---	---	---	10	24	13	14	19	25	28
31	21	---	---	---	---	9.1	---	22	---	20	26	---
TOTAL	542	306	0	0	0	169.1	442.8	542.3	514.9	366.3	554.8	815
MEAN	17.5	18.0	---	---	---	9.4	14.8	17.5	17.2	11.8	17.9	27.2
MAX	21	22	---	---	---	16	24	26	22	20	26	29
MIN	14	0.00	---	---	---	0.00	6.2	8.9	0.50	0.00	8.7	26
AC-FT	1075	607	0.00	0.00	0.00	335	878	1076	1021	727	1100	1617
CAL YEAR 2004	MAX	23.0	MIN	0.000	AC-FT	6654						
WTR YEAR 2005	MAX	29.0	MIN	0.000	AC-FT	8436						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	11	---	---	---	---	0.00	15	14	27	30	30
2	17	11	---	---	---	---	5.1	19	13	29	33	28
3	17	11	---	---	---	---	12	14	14	26	35	27
4	17	11	---	---	---	---	12	12	13	20	34	26
5	17	11	---	---	---	---	14	12	4.2	23	34	26
6	17	11	---	---	---	---	16	12	8.6	19	34	26
7	17	11	---	---	---	---	14	11	16	19	35	25
8	17	11	---	---	---	---	15	11	16	17	35	24
9	17	11	---	---	---	---	15	11	17	18	33	21
10	18	11	---	---	---	---	17	11	18	19	34	18
11	17	11	---	---	---	---	21	11	19	19	35	18
12	18	11	---	---	---	---	18	13	13	19	34	18
13	17	11	---	---	---	---	16	14	0.00	19	34	19
14	17	11	---	---	---	0.00	15	13	0.23	19	34	20
15	16	11	---	---	---	0.00	15	12	10	19	31	21
16	16	11	---	---	---	0.00	14	13	11	19	31	22
17	17	9.9	---	---	---	0.00	14	12	7.5	20	34	18
18	16	7.7	---	---	---	0.00	13	12	6.2	20	35	16
19	17	7.7	---	---	---	0.00	13	12	6.8	20	34	15
20	16	7.7	---	---	---	0.00	13	12	8.7	19	34	14
21	16	7.7	---	---	---	0.00	16	13	11	20	34	11
22	16	7.7	---	---	---	0.00	16	13	12	20	34	11
23	17	7.7	---	---	---	0.00	14	12	8.7	12	35	12
24	16	6.6	---	---	---	0.00	5.7	5.3	7.3	0.00	34	12
25	14	3.6	---	---	---	0.00	14	2.4	8.1	0.00	34	14
26	11	1.6	---	---	---	0.00	14	10	8.3	0.00	35	13
27	11	0.00	---	---	---	0.00	14	9.6	8.5	0.00	34	12
28	11	0.00	---	---	---	0.00	15	11	8.4	13	32	12
29	10	---	---	---	---	0.00	15	13	8.0	34	32	12
30	10	---	---	---	---	0.00	14	14	10	35	32	12
31	10	---	---	---	---	0.00	---	16	---	33	31	---
TOTAL	480	243.9	0	0	0	0	409.8	371.3	306.53	577	1040	553
MEAN	15.5	8.7	---	---	---	0.000	13.7	12.0	10.2	18.6	33.5	18.4
MAX	18	11	---	---	---	0.00	21	19	19	35	35	30
MIN	10	0.00	---	---	---	0.00	0.00	2.4	0.00	0.00	30	11
AC-FT	952	484	0.00	0.00	0.00	0.00	813	736	608	1144	2063	1097
CAL YEAR 2004	MAX		37.0	MIN	0.000	AC-FT	7150					
WTR YEAR 2005	MAX		35.0	MIN	0.000	AC-FT	7897					

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 116 cubic feet per second June 4, gage height 1.98 feet; minimum daily discharge zero March 18 - 21, 24 - 27, 28 - April 5, 7 - 11, 13, May 27 - 29.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	14	14	10	9.3	8.9	0.00	1.2	0.35	4.8	12	6.3
2	14	14	13	10	9.3	9.0	0.00	1.1	0.22	9.7	12	6.3
3	13	13	13	10	9.4	8.9	0.00	0.84	0.28	12	12	4.6
4	12	12	13	10	9.4	9.0	0.00	0.64	57	13	20	5.6
5	9.9	11	12	10e	9.3	9.0	0.00	0.53	43	11	18	7.9
6	9.4	12	12	10e	8.9	8.7	0.16	0.56	21	13	17	7.4
7	9.4	11	12	10	8.5	8.7	0.00	0.59	11	11	17	6.3
8	11	10	14	10	8.8	8.7	0.00	1.5	9.3	9.0	14	6.7
9	12	11	14	10	8.8	8.7	0.00	1.3	9.1	11	12	5.7
10	11	11	14	10	8.8	8.5	0.00	0.43	7.5	15	12	3.6
11	9.9	11	15	10	8.8	8.2	0.00	0.69	6.8	20	13	2.9
12	8.7	14	13	10	9.0	8.2	0.02	3.9	25	19	17	2.9
13	8.4	15	14	10	8.9	8.5	0.00	1.1	70	16	32	3.2
14	8.1	14	15	10e	8.6	8.4	0.04	0.72	44	13	34	3.8
15	11	20e	15	10e	8.8	8.1	0.28	0.21	12	15	32	4.4
16	9.3	20e	14	11	8.4	3.1	0.75	0.17	1.9	15	30	4.4
17	6.4	16e	13	9.8	8.6	0.18	0.54	0.04	0.81	12	30	5.2
18	6.3	14e	13	10	8.5	0.00	0.43	0.16	0.74	13	30	4.3
19	7.6	14e	12	10	8.7	0.00	0.06	0.49	1.0	13	26	4.1
20	7.3	12e	12	11	8.8	0.00	0.01	0.16	4.3	16	24	5.8
21	6.4	12e	12	11	8.9	0.00	0.15	0.20	3.6	14	24	7.6
22	6.8	12e	13	10	8.7	0.02	0.10	0.15	2.6	14	24	7.7
23	8.1	11e	12e	10	8.7	0.01	0.12	0.13	3.1	16	22	6.1
24	11	11e	11e	10	9.0	0.00	0.07	0.10	4.3	18	22	7.0
25	13	11e	11	9.9	9.0	0.00	0.09	0.12	6.7	19	13	6.6
26	9.2	11e	11	9.7	9.0	0.00	0.79	0.02	8.0	23	5.5	7.6
27	9.5	12e	11	9.7	9.0	0.00	0.93	0.00	8.7	24	5.8	7.3
28	10	14e	11	9.7	8.9	0.03	0.87	0.00	7.4	19	6.9	6.3
29	9.6	13e	11	9.7	---	0.00	0.70	0.00	4.1	13	6.2	8.0
30	12	13e	11	9.7	---	0.00	1.6	0.08	3.4	23	6.4	8.6
31	13	---	10	9.4	---	0.00	---	1.2	---	23	6.5	---
TOTAL	309.3	389	391	310.6	248.8	132.84	7.71	18.33	377.2	467.5	556.3	174.2
MEAN	10.0	13.0	12.6	10.0	8.9	4.3	0.26	0.59	12.6	15.1	17.9	5.8
MAX	16	20	15	11	9.4	9.0	1.6	3.9	70	24	34	8.6
MIN	6.3	10	10	9.4	8.4	0.00	0.00	0.00	0.22	4.8	5.5	2.9
AC-FT	613	772	776	616	493	263	15	36	748	927	1103	346
CAL YEAR 2004 TOTAL			3823	MEAN	10.4	MAX	32.0	MIN	0.070	AC-FT	7583	
WTR YEAR 2005 TOTAL			3383	MEAN	9.3	MAX	70.0	MIN	0.000	AC-FT	6710	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard, 06684000

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

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

PERIOD OF RECORD.--1931 - present

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

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 490 cubic feet per second August 21, gage height 5.17 feet; minimum daily discharge 18 cubic feet per second April 5 - 10.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39	35	42	37	33	28	30	42	28	98	84	95
2	37	32	42	36	33	28	24	51	26	125	68	97
3	38	33	42	37	33	28	20	46	27	115	61	91
4	37	39	42	36	35	27	19	43	64	51	104	84
5	37	39	41	39	34	28	18	38	58	61	132	93
6	37	38	40	42	32	28	18	36	45	45	126	84
7	38	37	41	40	31	28	18	35	45	45	126	82
8	37	38	43	37	32	27	18	32	49	40	118	81
9	40	39	43	37	32	28	18	32	56	36	89	70
10	35	38	42	38	33	27	18	33	59	38	72	53
11	35	37	44	38	34	27	26	32	69	43	70	55
12	33	37	42	38	35	28	22	37	97	47	80	49
13	32	39	41	36	36	27	19	35	139	45	170	49
14	33	39	42	38	34	26	23	32	64	39	160	50
15	37	41	42	37	35	27	20	31	41	37	155	56
16	37	38	41	37	34	29	23	37	45	38	146	55
17	35	37	40	37	34	36	29	33	38	34	145	81
18	39	39	39	39	34	35	31	30	35	35	141	69
19	43	36	40	39	34	34	37	32	37	36	150	72
20	47	35	40	39	34	32	30	30	39	36	166	69
21	43	34	38	38	33	32	45	25	42	40	293	66
22	40	34	38	36	32	33	39	23	38	41	123	66
23	42	33	39	37	31	32	37	23	29	58	75	68
24	46	35	41	37	31	33	38	23	22	70	71	68
25	49	38	40	36	31	34	39	20	21	71	63	70
26	48	42	38	36	31	36	45	20	21	83	67	70
27	40	44	38	35	29	35	42	20	20	99	69	70
28	37	45	38	35	28	33	41	22	21	82	75	70
29	32	43	37	35	---	31	45	21	21	68	78	67
30	31	45	38	34	---	30	40	25	55	52	79	64
31	31	---	37	34	---	30	---	34	---	75	91	---
TOTAL	1185	1139	1251	1150	918	937	872	973	1351	1783	3447	2114
MEAN	38.2	38.0	40.4	37.1	32.8	30.2	29.1	31.4	45.0	57.5	111.2	70.5
MAX	49	45	44	42	36	36	45	51	139	125	293	97
MIN	31	32	37	34	28	26	18	20	20	34	61	49
AC-FT	2350	2259	2481	2281	1821	1859	1730	1930	2680	3537	6837	4193
CAL YEAR 2004	TOTAL		12847	MEAN	35.1	MAX	124.0	MIN	12.0	AC-FT	25480	
WTR YEAR 2005	TOTAL		17120	MEAN	46.9	MAX	293.0	MIN	18.0	AC-FT	33960	

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River, 00009000

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

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

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

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45	14	---	---	---	---	0.00	54	89	80	101	73
2	44	0.00	---	---	---	---	0.00	53	88	84	97	75
3	44	0.00	---	---	---	---	0.00	51	77	88	91	76
4	44	0.00	---	---	---	---	0.00	44	54	90	91	77
5	44	---	---	---	---	---	0.00	40	30	87	91	77
6	38	---	---	---	---	---	0.00	35	32	88	90	83
7	17	---	---	---	---	---	0.00	39	51	85	86	88
8	14	---	---	---	---	---	0.00	44	52	87	86	89
9	15	---	---	---	---	---	0.00	53	53	84	91	90
10	23	---	---	---	---	---	0.00	50	52	72	91	83
11	22	---	---	---	---	---	0.00	47	54	86	87	83
12	22	---	---	---	---	---	0.00	62	57	87	85	81
13	22	---	---	---	---	---	0.00	62	48	80	87	84
14	22	---	---	---	---	---	3.0	59	32	79	85	82
15	22	---	---	---	---	---	21	52	32	81	85	77
16	22	---	---	---	---	---	27	46	32	81	79	74
17	22	---	---	---	---	---	30	61	31	80	76	71
18	21	---	---	---	---	0.00	30	82	29	81	79	70
19	20	---	---	---	---	0.00	34	78	25	82	77	70
20	20	---	---	---	---	0.00	35	70	40	88	76	70
21	20	---	---	---	---	0.00	33	62	56	93	78	68
22	20	---	---	---	---	0.00	33	62	80	91	80	71
23	19	---	---	---	---	0.00	31	74	77	93	78	66
24	19	---	---	---	---	0.00	28	84	74	98	78	52
25	21	---	---	---	---	0.00	31	79	74	100	74	53
26	27	---	---	---	---	0.00	38	75	74	102	76	55
27	27	---	---	---	---	0.00	33	71	70	102	80	55
28	27	---	---	---	---	0.00	39	69	79	99	81	53
29	28	---	---	---	---	0.00	53	69	81	99	82	49
30	30	---	---	---	---	0.00	54	74	80	99	79	48
31	30	---	---	---	---	0.00	---	87	---	97	74	---
TOTAL	811	14	0	0	0	0	553	1888	1703	2743	2591	2143
MEAN	26.2	3.5	---	---	---	0.000	18.4	60.9	56.8	88.5	83.6	71.4
MAX	45	14	---	---	---	0.00	54	87	89	102	101	90
MIN	14	0.00	---	---	---	0.00	0.00	35	25	72	74	48
AC-FT	1609	28	0.00	0.00	0.00	0.00	1097	3745	3378	5441	5139	4251
CAL YEAR 2004	MAX	106.0	MIN	0.000	AC-FT	25410						
WTR YEAR 2005	MAX	102.0	MIN	0.000	AC-FT	24690						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	1.9	2.8	0.47	3.2	1.7
2	---	---	---	---	---	---	0.00	1.9	3.1	0.91	3.0	1.3
3	---	---	---	---	---	---	0.00	1.8	2.7	1.6	1.8	1.4
4	---	---	---	---	---	---	1.2	1.8	5.3	2.5	1.8	2.0
5	---	---	---	---	---	---	3.0	1.7	1.4	3.7	2.2	1.5e
6	---	---	---	---	---	---	3.1	1.6	0.69	3.9	2.1	1.1e
7	---	---	---	---	---	---	3.0	1.7	1.2	2.5	1.8	1.4
8	---	---	---	---	---	---	3.6	1.6	3.2	2.3	1.7	2.0
9	---	---	---	---	---	---	4.7	1.6	3.3	1.6	1.9	1.8
10	---	---	---	---	---	---	6.4	1.5	3.2	1.6	1.7	1.7
11	---	---	---	---	---	---	6.9	1.8	3.2	2.9	2.3	1.4
12	---	---	---	---	---	---	5.5	1.8	3.6	6.6	2.7	1.5
13	---	---	---	---	---	---	4.5	1.4	4.2	2.7	2.4	2.0
14	---	---	---	---	---	---	3.4	1.4	3.5	1.3	2.2	2.1
15	---	---	---	---	---	0.00	2.9	1.3	3.5	2.3	2.0	2.2
16	---	---	---	---	---	0.00	2.8	1.2	3.5	2.5	1.7e	2.3
17	---	---	---	---	---	0.00	2.7	1.1	3.5	3.5	1.5e	2.4
18	---	---	---	---	---	0.00	2.7	1.1	3.4	5.2	1.3e	2.5
19	---	---	---	---	---	0.00	2.6	0.93	3.4	3.1	1.2e	2.5
20	---	---	---	---	---	0.00	2.7	0.77	4.6	2.1	1.0e	2.5
21	---	---	---	---	---	0.00	3.1	0.90	6.1	2.7	0.90e	2.4
22	---	---	---	---	---	0.00	3.0	0.74	2.3	4.4	0.80e	2.4
23	---	---	---	---	---	0.00	3.0	0.74	1.2	3.1	0.90e	2.2
24	---	---	---	---	---	0.00	2.9	1.0	0.68	2.8	2.3	2.1
25	---	---	---	---	---	0.00	2.6	1.4	0.72	3.1	2.1	2.0
26	---	---	---	---	---	0.00	1.9	1.4	0.72	4.3	1.6	1.8
27	---	---	---	---	---	0.00	1.9	1.5	1.1	3.0	1.3	1.9
28	---	---	---	---	---	0.00	2.0	1.7	0.47	3.0	1.1	1.7
29	---	---	---	---	---	0.00	2.0	1.9	0.42	2.6	1.9	1.6
30	---	---	---	---	---	0.00	1.9	2.2	0.36	2.0	1.9	1.4
31	---	---	---	---	---	0.00	---	2.6	---	2.4	2.1	---
TOTAL	0	0	0	0	0	0	86	45.98	77.36	86.68	56.4	56.8
MEAN	---	---	---	---	---	0.000	2.9	1.5	2.6	2.8	1.8	1.9
MAX	---	---	---	---	---	0.00	6.9	2.6	6.1	6.6	3.2	2.5
MIN	---	---	---	---	---	0.00	0.00	0.74	0.36	0.47	0.80	1.1
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	171	91	153	172	112	113
CAL YEAR 2004	MAX	5.4	MIN	0.000	AC-FT	638						
WTR YEAR 2005	MAX	6.9	MIN	0.000	AC-FT	812						

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River, 00039000

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

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

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

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.7	2.7	---	---	---	---	---	0.00	13	9.3	27	19
2	2.7	0.00	---	---	---	---	---	0.00	13	19	27	19
3	2.8	0.00	---	---	---	---	---	0.00	12	28	27	19
4	2.8	0.00	---	---	---	---	---	0.00	9.0	28	27	19
5	2.9	---	---	---	---	---	---	0.00	4.9	28	27	19
6	2.5	---	---	---	---	---	---	0.00	5.2	28	27	16
7	0.56	---	---	---	---	---	0.00	0.00	8.4	28	27	14
8	0.00	---	---	---	---	---	0.00	0.00	8.5	17	27	14
9	1.2	---	---	---	---	---	0.00	13	8.5	11	26	14
10	8.7	---	---	---	---	---	0.00	21	8.5	11	26	14
11	8.7	---	---	---	---	---	0.00	22	8.6	11	25	14
12	8.5	---	---	---	---	---	0.00	25	8.8	10	25	21
13	8.9	---	---	---	---	---	0.00	23	7.6	9.9	25	26
14	9.5	---	---	---	---	---	0.00	20	6.4	9.8	25	26
15	10	---	---	---	---	---	0.00	21	6.0	22	25	26
16	10	---	---	---	---	---	0.00	21	6.1	31	29	25
17	10	---	---	---	---	---	0.00	22	6.1	32	33	25
18	8.2	---	---	---	---	---	0.00	24	5.6	32	33	25
19	7.9	---	---	---	---	---	8.4	24	4.4	31	33	22
20	7.9	---	---	---	---	---	12	23	6.6	29	33	18
21	7.7	---	---	---	---	---	12	23	8.0	24	27	18
22	7.9	---	---	---	---	---	13	22	8.7	18	19	19
23	7.9	---	---	---	---	---	12	21	8.7	18	19	22
24	8.5	---	---	---	---	---	9.0	20	9.3	18	19	24
25	12	---	---	---	---	---	3.7	18	9.3	23	23	24
26	18	---	---	---	---	---	0.00	18	9.3	26	27	25
27	17	---	---	---	---	---	0.00	18	9.2	27	28	25
28	17	---	---	---	---	---	0.00	18	9.4	28	28	25
29	13	---	---	---	---	---	0.00	17	9.5	28	28	24
30	8.9	---	---	---	---	---	0.00	18	9.3	28	23	24
31	7.3	---	---	---	---	---	---	15	---	28	19	---
TOTAL	241.66	2.7	0	0	0	0	70.1	467	247.9	691	814	625
MEAN	7.8	0.68	---	---	---	---	2.9	15.1	8.3	22.3	26.3	20.8
MAX	18	2.7	---	---	---	---	13	25	13	32	33	26
MIN	0.00	0.00	---	---	---	---	0.00	0.00	4.4	9.3	19	14
AC-FT	479	5.4	0.00	0.00	0.00	0.00	139	926	492	1371	1615	1240
CAL YEAR 2004	MAX	29.0	MIN	0.000	AC-FT	5064						
WTR YEAR 2005	MAX	33.0	MIN	0.000	AC-FT	6266						

NORTH PLATTE RIVER BASIN

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 7,270 cubic feet per second June 13, combined flow for both channels; minimum daily discharge 537 cubic feet per second July 30, combined flow for both channels.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	691	724	622	621	613	475	558	346	168	490	602	562
2	707	755	633	597	621	497	510	352	166	502	573	603
3	716	724	632	584	632	498	491	356	164	429	532	601
4	689	689	617	563	658	515	503	347	386	528	575	557
5	689	680	620	522	654	552	528	336	1020	540	689	564
6	686	652	625	540e	637	563	520	316	695	554	712	567
7	708	636	632	560e	607	525	530	289	500	474	740	599
8	711	621	650	540e	599	495	558	250	403	380	690	638
9	700	622	646	520e	586	504	560	242	363	312	582	796
10	665	608	632	600e	591	506	592	230	335	291	521	920
11	686	601	648	640e	610	522	627	219	345	273	497	921
12	700	603	644	575	588	560	556	217	381	284	496	940
13	700	594	623	542	571	558	490	210	712	274	688	919
14	680	619	625	500e	561	548	442	202	944	253	982	849
15	715	607	637	520e	544	548	383	191	788	215	1050	689
16	735	658	636	540e	506	546	378	198	791	190	1090	579
17	724	674	640	540e	509	523	442	181	787	181	1070	557
18	727	691	680	560e	524	500	474	149	698	188	1050	511
19	724	679	690	580e	546	510	442	167	651	197	1050	495
20	763	668	675	620e	552	545	370	197	604	198	966	488
21	777	675	632	617	554	556	382	191	512	196	883	518
22	825	656	626	571	538	539	383	135	420	198	779	519
23	752	646	620e	555	511	529	345	142	402	234	628	523
24	728	647	600e	528	483	527	348	113	392	296	564	528
25	721	659	620e	534	483	486	356	106	365	313	511	498
26	681	669	623	548	495	458	328	107	355	378	475	488
27	673	670	650	577	497	471	312	111	324	602	471	510
28	697	674	672	580	486	480	324	109	388	785	515	521
29	683	650	672	591	---	507	338	112	421	794	561	528
30	672	596	662	594	---	510	352	122	408	720	585	547
31	668	---	636	600	---	553	---	152	---	674	583	---
TOTAL	21993	19647	19820	17559	15756	16106	13422	6395	14888	11943	21710	18535
MEAN	709.5	654.9	639.4	566.4	562.7	519.5	447.4	206.3	496.3	385.3	700.3	617.8
MAX	825	755	690	640	658	563	627	356	1020	794	1090	940
MIN	665	594	600	500	483	458	312	106	164	181	471	488
AC-FT	43620	38970	39310	34830	31250	31950	26620	12680	29530	23690	43060	36760

CAL YEAR 2004 TOTAL 168065 MEAN 459.2 MAX 825.0 MIN 58.0 AC-FT 333400
WTR YEAR 2005 TOTAL 197774 MEAN 541.8 MAX 1090 MIN 106.0 AC-FT 392300

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	57	91	81	61
2	0.00	---	---	---	---	---	---	0.00	54	84	84	64
3	0.00	---	---	---	---	---	---	0.00	51	88	87	67
4	0.00	---	---	---	---	---	---	0.00	42	84	84	68
5	0.00	---	---	---	---	---	0.00	0.00	37	78	78	69
6	0.00	---	---	---	---	---	0.00	0.00	36	79	78	70
7	0.00	---	---	---	---	---	0.00	0.00	36	79	79	71
8	---	---	---	---	---	---	0.00	6.1	35	86	79	71
9	---	---	---	---	---	---	0.00	25	37	89	78	71
10	---	---	---	---	---	---	0.00	28	38	94	77	69
11	---	---	---	---	---	---	0.00	30	38	94	77	68
12	---	---	---	---	---	---	0.00	34	37	91	69	65
13	---	---	---	---	---	---	0.00	36	29	90	59	56
14	---	---	---	---	---	---	0.00	36	27	93	53	54
15	---	---	---	---	---	---	0.00	36	27	91	51	47
16	---	---	---	---	---	---	0.00	43	29	92	50	41
17	---	---	---	---	---	---	0.00	47	29	92	47	42
18	---	---	---	---	---	---	0.00	47	25	93	46	41
19	---	---	---	---	---	---	0.00	57	23	92	49	40
20	---	---	---	---	---	---	0.00	60	28	92	54	39
21	---	---	---	---	---	---	0.00	59	30	90	63	40
22	---	---	---	---	---	---	0.00	57	24	91	62	40
23	---	---	---	---	---	---	0.00	61	26	99	62	39
24	---	---	---	---	---	---	0.00	66	35	99	62	41
25	---	---	---	---	---	---	0.00	69	39	91	61	42
26	---	---	---	---	---	---	0.00	67	45	91	59	43
27	---	---	---	---	---	---	0.00	62	54	90	53	44
28	---	---	---	---	---	---	0.00	65	63	87	55	43
29	---	---	---	---	---	---	0.00	67	67	87	56	43
30	---	---	---	---	---	---	0.00	67	79	86	53	42
31	---	---	---	---	---	---	---	60	---	84	57	---
TOTAL	0	0	0	0	0	0	0	1185.1	1177	2767	2003	1591
MEAN	0.000	---	---	---	---	---	0.000	38.2	39.2	89.3	64.6	53.0
MAX	0.00	---	---	---	---	---	0.00	69	79	99	87	71
MIN	0.00	---	---	---	---	---	0.00	0.00	23	78	46	39
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2351	2335	5488	3973	3156
CAL YEAR 2004	MAX	88.0	MIN	0.000	AC-FT	16640						
WTR YEAR 2005	MAX	99.0	MIN	0.000	AC-FT	17300						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.79	0.00	0.00	0.00	0.31
2	---	---	---	---	---	---	0.00	0.76	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	0.00	1.1	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	0.00	1.6	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	1.6	0.00	0.75	0.98	0.00
6	---	---	---	---	---	---	0.00	1.7	0.00	1.2	1.3	0.00
7	---	---	---	---	---	---	0.00	1.8	0.00	1.3	1.2	0.00
8	---	---	---	---	---	---	0.00	1.9	0.00	1.3	1.2	0.00
9	---	---	---	---	---	---	0.00	1.8	0.00	1.4	1.2	0.00
10	---	---	---	---	---	---	0.00	1.7	0.00	1.7	1.2	0.00
11	---	---	---	---	---	---	0.00	1.7	0.00	2.0	1.5	0.00
12	---	---	---	---	---	---	0.00	1.7	0.00	1.7	1.5	0.00
13	---	---	---	---	---	---	0.00	1.5	0.00	1.6	1.8	0.00
14	---	---	---	---	---	---	0.00	1.4	0.00	1.2	1.7	0.00
15	---	---	---	---	---	---	0.00	1.3	0.00	0.61	1.7	0.00
16	---	---	---	---	---	---	1.1	1.2	0.00	0.45	1.6	0.00
17	---	---	---	---	---	---	1.4	0.48	0.00	0.30	1.5	0.00
18	---	---	---	---	---	---	0.93	0.00	0.00	0.06	1.5	0.00
19	---	---	---	---	---	---	1.3	0.00	0.00	0.00	1.4	0.00
20	---	---	---	---	---	---	1.2	0.00	0.00	0.02	1.4	---
21	---	---	---	---	---	---	1.2	0.00	0.00	0.00	1.2	---
22	---	---	---	---	---	---	1.0	0.00	0.00	0.00	1.1	---
23	---	---	---	---	---	---	0.96	0.00	0.00	0.00	1.1	---
24	---	---	---	---	---	---	0.86	0.00	0.00	0.00	1.0	---
25	---	---	---	---	---	0.00	0.93	0.00	0.00	0.00	1.0	---
26	---	---	---	---	---	0.00	0.93	0.00	0.00	0.00	1.2	---
27	---	---	---	---	---	0.00	0.91	0.00	0.00	0.00	1.1	---
28	---	---	---	---	---	0.00	0.86	0.00	0.00	0.00	1.0	---
29	---	---	---	---	---	0.00	0.90	0.00	0.00	0.00	0.98	---
30	---	---	---	---	---	0.00	0.86	0.00	0.00	0.00	0.91	---
31	---	---	---	---	---	0.00	---	0.00	---	0.00	0.76	---
TOTAL	0	0	0	0	0	0	15.34	24.03	0	15.59	34.03	0.31
MEAN	---	---	---	---	---	0.000	0.51	0.78	0.000	0.50	1.1	0.016
MAX	---	---	---	---	---	0.00	1.4	1.9	0.00	2.0	1.8	0.31
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	30	48	0.00	31	67	0.6
CAL YEAR 2004	MAX	3.4	MIN	0.000	AC-FT	298						
WTR YEAR 2005	MAX	2.0	MIN	0.000	AC-FT	177						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	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	---
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	---	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
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 2004	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00						

NORTH PLATTE RIVER BASIN

TRINNIER CANAL from Greenwood Creek, 00144200

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

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

PERIOD OF RECORD.--1998 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.27	0.64	---	---	---	---	---	0.00	0.00	1.6e	1.1	2.5
2	0.21	0.60	---	---	---	---	---	0.00	0.00	1.6e	1.1	2.5
3	0.10	0.43	---	---	---	---	---	0.00	0.00	1.6e	1.2	2.3
4	0.06	0.39	---	---	---	---	---	0.00	0.00	1.6e	0.52	2.3
5	0.07	0.41	---	---	---	---	---	0.00	0.00	1.6e	0.16	2.3
6	0.05	0.39e	---	---	---	---	---	0.00	0.00	1.6e	0.05	2.4
7	0.13	0.37e	---	---	---	---	---	0.00	0.00	1.6e	0.15	2.4
8	0.21	0.35e	---	---	---	---	---	0.00	0.00	1.6e	1.5	2.0
9	0.25	0.33e	---	---	---	---	---	0.00	0.00	1.6e	2.2	1.4
10	0.21	0.31e	---	---	---	---	---	0.00	0.00	1.6e	2.2	1.5
11	0.21	0.29e	---	---	---	---	---	0.00	0.00	1.6e	2.0	1.5
12	0.20	0.27e	---	---	---	---	---	0.00	0.00	1.6e	2.1	1.6
13	0.33	---	---	---	---	---	---	0.00	0.00	1.6e	2.4	1.7
14	0.38	---	---	---	---	---	0.00	0.00	0.00	1.6e	2.3	1.7
15	0.42	---	---	---	---	---	0.00	0.00	0.00	1.4e	2.0	1.7
16	0.36	---	---	---	---	---	0.00	0.00	0.00	1.3e	1.9	1.7
17	0.31	---	---	---	---	---	0.00	0.00	0.00	1.1e	1.9	1.7
18	0.29	---	---	---	---	---	0.00	0.00	0.00	1.0e	2.0	1.8
19	0.28	---	---	---	---	---	0.00	0.00	0.00	0.86e	1.9	1.7
20	0.20	---	---	---	---	---	0.00	0.00	0.00	0.71e	1.9	1.7
21	0.18	---	---	---	---	---	0.00	0.00	0.00	0.57e	1.9	1.6
22	0.23	---	---	---	---	---	0.00	0.00	0.00	0.48	1.8	1.7
23	0.33	---	---	---	---	---	0.00	0.00	0.00	0.42	2.4	1.6
24	0.31	---	---	---	---	---	0.00	0.00	0.00	0.37	2.6	1.7
25	0.31	---	---	---	---	---	0.00	0.00	0.00	0.37	2.6	1.8
26	0.35	---	---	---	---	---	0.00	0.00	0.00	0.62	2.7	1.7
27	0.35	---	---	---	---	---	0.00	0.00	0.00	1.1	2.5	1.5
28	0.25	---	---	---	---	---	0.00	0.00	1.0e	1.4	2.4	1.6
29	0.38	---	---	---	---	---	0.00	0.00	1.6e	1.4	2.4	1.6
30	0.44	---	---	---	---	---	0.00	0.00	1.6e	1.3	2.4	1.5
31	0.43	---	---	---	---	---	---	0.00	---	1.2	2.5	---
TOTAL	8.1	4.78	0	0	0	0	0	0	4.2	38	56.78	54.7
MEAN	0.26	0.40	---	---	---	---	0.000	0.000	0.14	1.2	1.8	1.8
MAX	0.44	0.64	---	---	---	---	0.00	0.00	1.6	1.6	2.7	2.5
MIN	0.05	0.27	---	---	---	---	0.00	0.00	0.00	0.37	0.05	1.4
AC-FT	16	9.5	0.00	0.00	0.00	0.00	0.00	0.00	8.3	75	113	108
CAL YEAR 2004	MAX	4.6	MIN	0.000	AC-FT	740						
WTR YEAR 2005	MAX	2.7	MIN	0.000	AC-FT	330						

e indicates estimated discharge.

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	3.2e	3.5e	4.3
2	---	---	---	---	---	---	---	0.00	0.00	3.3e	3.4e	4.4
3	---	---	---	---	---	---	---	0.00	0.00	3.3e	3.4e	4.4
4	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	4.4
5	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	4.5
6	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	4.5
7	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	3.3
8	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	0.00
9	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	0.00
10	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.4e	0.00
11	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.3e	0.00
12	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.3e	0.00
13	---	---	---	---	---	---	---	0.00	0.00	3.4e	3.3e	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	3.4e	3.3e	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	3.3e	3.3e	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	3.3e	3.3e	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	3.3e	3.3e	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	3.2e	3.3e	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	3.2e	3.3e	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	3.2e	3.3e	---
21	---	---	---	---	---	---	0.00	0.00	0.00	3.2e	3.4e	---
22	---	---	---	---	---	---	0.00	0.00	0.00	3.3e	3.4e	---
23	---	---	---	---	---	---	0.00	0.00	0.00	3.3e	3.4e	---
24	---	---	---	---	---	---	0.00	0.00	0.00	3.4e	3.4e	---
25	---	---	---	---	---	---	0.00	0.00	0.00e	3.4e	3.7e	---
26	---	---	---	---	---	---	0.00	0.00	0.00e	3.5e	3.9e	---
27	---	---	---	---	---	---	0.00	0.00	0.00e	3.5e	4.0	---
28	---	---	---	---	---	---	0.00	0.00	0.00e	3.5e	4.0	---
29	---	---	---	---	---	---	0.00	0.00	1.3e	3.5e	3.9	---
30	---	---	---	---	---	---	0.00	0.00	3.2e	3.5e	4.2	---
31	---	---	---	---	---	---	---	0.00	---	3.5e	4.4	---
TOTAL	0	0	0	0	0	0	0	0	4.5	104.3	108.8	29.8
MEAN	---	---	---	---	---	---	0.000	0.000	0.15	3.4	3.5	1.6
MAX	---	---	---	---	---	---	0.00	0.00	3.2	3.5	4.4	4.5
MIN	---	---	---	---	---	---	0.00	0.00	0.00	3.2	3.3	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.9	207	216	59
CAL YEAR 2004	MAX	4.1	MIN	0.000	AC-FT	539						
WTR YEAR 2005	MAX	4.5	MIN	0.000	AC-FT	491						

e indicates estimated discharge.

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	2.8	2.5	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.89	1.6	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.97	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	1.3	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	1.0	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	1.8	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	2.1	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	1.5	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.50	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.35	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.69	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.81	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.92	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	1.0	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.49	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	---
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	0.75	0.00	0.00	---
25	---	---	---	---	---	---	0.00	0.00	1.5	0.00	0.00	---
26	---	---	---	---	---	---	0.00	1.9	2.3	0.00	0.00	---
27	---	---	---	---	---	---	0.00	3.7	4.3	0.00	0.00	---
28	---	---	---	---	---	---	0.00	3.6	4.0	0.00	0.00	---
29	---	---	---	---	---	---	0.00	3.3	4.3	0.00	0.00	---
30	---	---	---	---	---	---	0.00	3.4	3.5	0.00	0.00	---
31	---	---	---	---	---	---	---	3.3	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	19.2	24.34	17.53	0	0
MEAN	---	---	---	---	---	---	0.000	0.62	0.81	0.57	0.000	0.000
MAX	---	---	---	---	---	---	0.00	3.7	4.3	2.5	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	38	48	35	0.00	0.00
CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2005	MAX	4.3	MIN	0.000	AC-FT	121						

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 31 cubic feet per second April 21, gage height 2.30 feet; no flow many days in October 1 - February 8, July, August and September.

DISCHARGE (CFS), WATER YEAR 2005

	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	4.5	7.1	9.9	0.11	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	2.3	4.7	7.4	13	0.08	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	2.2	4.8	7.8	13	0.12	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	2.3	5.1	7.9	17	0.19	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	2.5	5.2	7.9	23	0.05	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	2.6	5.4	7.8	18	0.04	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	2.7	5.7	7.8	15	0.03	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	2.7	5.9	7.7	12	0.03	0.00	0.01
9	0.00	0.00	0.00	0.00	0.02	3.0	6.0	7.8	11	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.55	3.0	6.3	7.8	12	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.34	3.3	6.2	8.0	12	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.57	3.5	6.5	9.3	13	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.69	3.5	6.5	8.2	22	0.00	0.47	0.05
14	0.00	0.00	0.00	0.00	0.14	3.6	6.6	8.3	17	0.00	1.3	0.00
15	0.00	0.00	0.00	0.00	0.17	3.9	6.9	8.1	15	0.00	1.2	0.00
16	0.00	0.00	0.00	0.00	0.40	4.0	6.7	8.1	17	0.00	1.3	0.00
17	0.00	0.00	0.00	0.00	0.22	3.9	6.6	7.8	13	0.00	1.4	0.00
18	0.00	0.00	0.00	0.00	1.1	3.6	13	8.1	12	0.00	1.3	0.00
19	0.00	0.00	0.00	0.00	2.0	4.0	13	8.4	11	0.00	0.60	0.00
20	0.00	0.00	0.00	0.00	1.9	4.3	16	8.5	10	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	1.1	3.7	24	8.0	9.7	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.59	4.1	17	8.0	8.9	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.76	4.0	22	8.0	7.8	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.97	4.2	17	8.0	6.2	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	1.5	4.1	14	8.0	2.7	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	1.8	4.5	6.5	6.8	2.6	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	1.5	5.7	6.6	6.7	0.89	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	1.6	5.1	6.8	6.7	1.3	0.94	0.00	0.00
29	0.00	0.00	0.00	0.00	---	4.2	7.3	7.5	0.98	4.4	0.00	0.00
30	0.00	0.00	0.00	0.00	---	4.2	7.2	8.5	0.17	3.2	0.00	0.00
31	0.00	---	0.00	0.00	---	4.3	---	11	---	0.00	0.00	---
TOTAL	0	0	0	0	17.92	111.1	270	247	327.14	9.19	7.57	0.06
MEAN	0.000	0.000	0.000	0.000	0.64	3.6	9.0	8.0	10.9	0.30	0.24	0.002
MAX	0.00	0.00	0.00	0.00	2.0	5.7	24	11	23	4.4	1.4	0.05
MIN	0.00	0.00	0.00	0.00	0.00	2.1	4.5	6.7	0.17	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	36	220	536	490	649	18	15	0.1
CAL YEAR 2004	TOTAL		82	MEAN	0.23	MAX	10.0	MIN	0.000	AC-FT	164	
WTR YEAR 2005	TOTAL		990	MEAN	2.7	MAX	24.0	MIN	0.000	AC-FT	1964	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.7	---	---	---	---	---	---	0.00	0.00	0.00	12	8.5
2	4.7	---	---	---	---	---	---	0.00	0.00	0.00	12	8.9
3	4.6	---	---	---	---	---	---	0.00	0.00	0.00	11	9.2
4	4.7	---	---	---	---	---	---	0.00	0.00	0.00	11	9.2
5	4.7	---	---	---	---	---	---	0.00	0.00	0.00	12	9.1
6	4.7	---	---	---	---	---	0.00	0.00	0.00	0.00	12	9.1
7	4.7	---	---	---	---	---	0.00	0.00	0.00	0.00	12	9.2
8	4.7	---	---	---	---	---	0.00	0.00	0.00	0.00	12	9.2
9	4.2	---	---	---	---	---	0.00	0.00	0.00	0.00	10	9.5
10	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	9.8	10
11	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	9.5	10
12	4.6	---	---	---	---	---	0.00	0.00	0.00	0.42	9.6	11
13	4.6	---	---	---	---	---	0.00	0.00	0.00	3.1	10	11
14	4.7	---	---	---	---	---	0.00	0.00	0.00	5.3	11	11
15	4.9	---	---	---	---	---	0.00	0.00	0.00	6.1	11	10
16	5.1	---	---	---	---	---	0.00	0.00	0.00	6.6	11	9.8
17	5.0	---	---	---	---	---	0.00	0.00	0.00	7.3	11	9.7
18	5.1	---	---	---	---	---	0.00	0.00	0.00	7.3	11	9.5
19	5.4	---	---	---	---	---	0.00	0.00	0.00	4.5	11	9.4
20	5.6	---	---	---	---	---	0.00	0.00	0.00	0.00	10	9.4
21	5.6	---	---	---	---	---	0.00	0.00	0.00	0.00	9.9	9.4
22	5.4	---	---	---	---	---	0.00	0.00	0.00	0.00	9.5	9.2
23	5.4	---	---	---	---	---	0.00	0.00	0.00	4.7	9.2	9.3
24	5.3	---	---	---	---	---	0.00	0.00	0.00	8.7	9.1	9.4
25	5.2e	---	---	---	---	---	0.00	0.00	0.00	8.8	8.9	9.6
26	2.6e	---	---	---	---	---	0.00	0.00	0.00	9.0	8.7	9.8
27	0.00e	---	---	---	---	---	0.00	0.00	0.00	10	8.4	9.8
28	---	---	---	---	---	---	0.00	0.00	0.00	12	8.3	9.5
29	---	---	---	---	---	---	0.00	0.00	0.00	12	8.2	9.6
30	---	---	---	---	---	---	0.00	0.00	0.00	12	8.0	9.9
31	---	---	---	---	---	---	---	0.00	---	12	8.1	---
TOTAL	116.2	0	0	0	0	0	0	0	0	129.82	315.2	288.2
MEAN	4.3	---	---	---	---	---	0.000	0.000	0.000	4.2	10.2	9.6
MAX	5.6	---	---	---	---	---	0.00	0.00	0.00	12	12	11
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	8.0	8.5
AC-FT	230	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	257	625	572
CAL YEAR 2004	MAX	10.0	MIN	0.000	AC-FT	1029						
WTR YEAR 2005	MAX	12.0	MIN	0.000	AC-FT	1685						

e indicates estimated discharge.

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	---	---	---	---	---	---	0.00	0.00	21	23	20
2	31	---	---	---	---	---	---	0.00	0.00	30	27	22
3	28	---	---	---	---	---	---	0.00	0.00	27	27	23
4	29	---	---	---	---	---	---	0.00	0.00	30	32	24
5	30	---	---	---	---	---	---	0.00	0.00	15	38	25
6	32	---	---	---	---	---	0.00	0.00	0.00	28	32	27
7	30	---	---	---	---	---	0.00	0.00	0.00	25	24	24
8	28	---	---	---	---	---	0.00	0.00	0.00	40	27	26
9	30	---	---	---	---	---	0.00	0.00	0.00	39	28	24
10	13	---	---	---	---	---	0.00	0.00	0.00	37	31	27
11	0.00	---	---	---	---	---	0.00	0.00	0.00	37	33	24
12	0.00	---	---	---	---	---	0.00	0.00	0.00	27	29	21
13	---	---	---	---	---	---	0.00	0.00	0.00	29	27	21
14	---	---	---	---	---	---	0.00	0.00	0.00	27	25	22
15	---	---	---	---	---	---	0.00	0.00	0.00	20	21	25
16	---	---	---	---	---	---	0.00	0.00	0.00	18	21	23
17	---	---	---	---	---	---	0.00	0.00	0.00	15	24	22
18	---	---	---	---	---	---	0.00	0.00	0.00	21	22	22
19	---	---	---	---	---	---	0.00	0.00	10e	32	20	23
20	---	---	---	---	---	---	0.00	0.00	20	28	21	21
21	---	---	---	---	---	---	0.00	0.00	12	26	21	22
22	---	---	---	---	---	---	0.00	0.00	24	9.7	19	22
23	---	---	---	---	---	---	0.00	0.00	12	0.00	18	22
24	---	---	---	---	---	---	0.00	0.00	14	0.00	21	24
25	---	---	---	---	---	---	0.00	0.00	26	0.00	20	24
26	---	---	---	---	---	---	0.00	0.00	18	0.00	20	20
27	---	---	---	---	---	---	0.00	0.00	15	0.00	21	23
28	---	---	---	---	---	---	0.00	0.00	23	0.00	21	23
29	---	---	---	---	---	---	0.00	0.00	29	15	23	26
30	---	---	---	---	---	---	0.00	0.00	21	18	23	29
31	---	---	---	---	---	---	---	0.00	---	22	21	---
TOTAL	285	0	0	0	0	0	0	0	224	636.7	760	701
MEAN	23.8	---	---	---	---	---	0.000	0.000	7.5	20.5	24.5	23.4
MAX	34	---	---	---	---	---	0.00	0.00	29	40	38	29
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	18	20
AC-FT	565	0.00	0.00	0.00	0.00	0.00	0.00	0.00	444	1263	1507	1390

CAL YEAR 2004 MAX 49.0 MIN 0.000 AC-FT 8624
WTR YEAR 2005 MAX 40.0 MIN 0.000 AC-FT 5170

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Lisco, 06686000

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,300 cubic feet per second June 25, gage height 1.66 feet; maximum gage height 3.86 feet December 23 due to backwater from ice; minimum daily discharge 107 cubic feet per second estimated July 19.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	710	778	669	555	673	616	649	582	214	383	513	530
2	718	796	735	484	672	626	671	558	317	446	462	532
3	714	823	802	504	672	649	641	523	304	432	421	566
4	696	815	852	500e	669	646	635	512	294	505	464	590
5	718	808	753	480e	682	631	645	504	458	534	509	587
6	741	796	741	480e	663	632	600	487	767	511	574	577
7	734	780	731	500e	621	609	570	473	557	502	589	569
8	749	772	741	580e	632	597	549	414	413	417	596	615
9	743	780	741	660e	670	596	572	383	367	328	543	648
10	772	763	721	700e	651	611	664	369	357	270	499	754
11	753	726	731	720e	660e	576	857	386	356	250	465	842
12	765	709	722	760e	660e	595	808	534	452	217	471	849
13	731	717	662	700e	680e	604	696	417	766	210	615	855
14	719	724	632	680e	660e	582	654	374	923	205	810	862
15	740	751	688	660e	666	570	582	356	998	183	1060	849
16	762	758	669	660e	637	591	570	338	874	149	1150	735
17	802	777	658	640e	636	598	553	321	786	125	1170	633
18	797	782	664	620e	660e	569	540	275	732	112	1100	593
19	789	780	653	620e	680e	563	529	240	655	107	1060	601
20	805	758	665	640e	698	589	504	214	594	114	1040	585
21	826	759	609	640e	713	627	630	180	598	121	941	566
22	828	759	581	660e	697	642	603	149	503	131	830	555
23	848	748	560e	660e	691	637	584	143	455	130	725	545
24	802	751	520e	680e	665	633	549	136	446	126	648	541
25	767	765	500e	680e	660e	591	547	126	778	184	597	537
26	774	755	560e	672	660e	604	542	124	462	248	551	564
27	765	761	580e	674	656	621	519	121	437	303	499	619
28	792	787	600e	676	642	640	545	122	360	492	505	624
29	781	742	580e	664	---	645	561	121	379	640	527	634
30	747	629	560e	672	---	639	572	141	397	655	534	659
31	746	---	560e	686	---	638	---	214	---	549	540	---
TOTAL	23634	22849	20440	19507	18626	18967	18141	9837	15999	9579	21008	19216
MEAN	762.4	761.6	659.4	629.3	665.2	611.8	604.7	317.3	533.3	309.0	677.7	640.5
MAX	848	823	852	760	713	649	857	582	998	655	1170	862
MIN	696	629	500	480	621	563	504	121	214	107	421	530
AC-FT	46880	45320	40540	38690	36940	37620	35980	19510	31730	19000	41670	38110
CAL YEAR 2004	TOTAL		180398	MEAN	492.9	MAX	852.0	MIN	30.0	AC-FT	357800	
WTR YEAR 2005	TOTAL		217803	MEAN	596.7	MAX	1170	MIN	107.0	AC-FT	432000	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.11	---	---	---	---	---	0.00	0.00	0.00	0.00	6.9	1.2
2	0.10	---	---	---	---	---	0.00	0.00	0.00	0.00	3.1	0.78
3	1.7	---	---	---	---	---	0.00	0.00	0.00	0.00	3.7	0.70
4	5.0	---	---	---	---	---	0.00	0.00	0.00	0.00	3.9	2.3
5	4.8	---	---	---	---	---	0.00	0.00	0.00	0.00	4.0	5.3
6	4.8	---	---	---	---	---	0.00	0.00	0.00	0.00	4.1	5.2
7	5.5	---	---	---	---	---	0.00	0.00	0.00	0.00	4.1	5.6
8	4.7	---	---	---	---	---	0.00	0.00	0.00	0.00	4.6	4.3
9	5.0	---	---	---	---	---	0.00	0.00	0.00	0.00	4.9	0.67
10	5.5	---	---	---	---	---	0.00	0.00	0.00	0.00	5.0	1.5
11	6.1	---	---	---	---	---	0.00	0.00	0.00	0.00	5.1	2.6
12	6.0	---	---	---	---	---	0.00	0.00	0.00	1.6	5.2	3.0
13	5.7	---	---	---	---	---	0.00	0.00	0.00	7.5	3.5	3.2
14	5.4	---	---	---	---	---	0.00	0.00	0.00	12	1.8	3.7
15	5.5	---	---	---	---	---	0.00	0.00	0.00	15	1.7	4.0
16	5.4	---	---	---	---	---	0.00	0.00	0.00	14	1.6	6.9
17	5.1	---	---	---	---	---	0.00	0.00	0.00	14	1.5	9.5
18	5.5	---	---	---	---	0.00	0.00	0.00	0.00	14	1.5	9.3
19	5.8	---	---	---	---	0.00	0.00	0.00	0.00	13	1.4	9.3
20	3.3	---	---	---	---	0.00	0.00	0.00	0.00	8.8	3.1	9.2
21	0.19	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.8	8.7
22	0.15	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.7	8.2
23	0.08	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.7	8.2
24	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.5	8.0
25	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.40	4.8	3.3
26	0.00	---	---	---	---	0.00	0.00	0.00	0.00	2.9	3.9	0.12
27	0.00	---	---	---	---	0.00	0.00	0.00	0.00	2.2	3.3	---
28	---	---	---	---	---	0.00	0.00	0.00	0.00	2.2	2.8	---
29	---	---	---	---	---	0.00	0.00	0.00	0.00	6.0	2.5	---
30	---	---	---	---	---	0.00	0.00	0.00	0.00	14	2.1	---
31	---	---	---	---	---	0.00	---	0.00	---	12	1.9	---
TOTAL	91.43	0	0	0	0	0	0	0	0	139.6	114.7	124.77
MEAN	3.4	---	---	---	---	0.000	0.000	0.000	0.000	4.5	3.7	4.8
MAX	6.1	---	---	---	---	0.00	0.00	0.00	0.00	15	6.9	9.5
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	1.4	0.12
AC-FT	181	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277	228	247
CAL YEAR 2004	MAX	20.0	MIN	0.000	AC-FT	1408						
WTR YEAR 2005	MAX	15.0	MIN	0.000	AC-FT	933						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.9
2	12	---	---	---	---	---	0.00	0.00	0.00	5.8	0.00	4.1
3	11	---	---	---	---	---	0.00	0.00	0.00	14	0.00	4.5
4	11	---	---	---	---	---	0.00	0.00	0.00	14	0.00	4.5
5	11	---	---	---	---	---	0.00	0.00	0.00	13	0.00	5.1
6	12	---	---	---	---	---	0.00	0.00	0.00	14	0.00	5.5
7	12	---	---	---	---	---	0.00	0.00	0.00	14	0.00	6.2
8	11	---	---	---	---	---	0.00	0.00	0.00	14	0.00	7.7
9	10	---	---	---	---	---	0.00	0.00	0.00	14	0.00	7.8
10	10	---	---	---	---	---	0.00	0.00	0.00	13	0.00	8.4
11	10	---	---	---	---	---	0.00	0.00	0.00	11	0.00	9.0
12	10	---	---	---	---	---	0.00	0.00	0.00	10	0.00	9.2
13	8.1	---	---	---	---	---	0.00	0.00	0.00	9.0	0.00	9.5
14	1.2	---	---	---	---	0.00	0.00	0.00	0.00	8.2	0.00	9.7
15	0.00	---	---	---	---	0.00	0.00	0.00	0.00	8.4	0.00	10
16	0.00	---	---	---	---	0.00	0.00	0.00	0.00	8.4	1.5	11
17	0.00	---	---	---	---	0.00	0.00	0.00	0.00	8.2	1.7	11
18	0.00	---	---	---	---	0.00	0.00	0.00	0.00	8.9	1.9	11
19	0.00	---	---	---	---	0.00	0.00	0.00	0.00	6.7	5.1	12
20	---	---	---	---	---	0.00	0.00	0.00	0.00	0.07	6.2	12
21	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.7	12
22	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.0	12
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.3	12
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.7	12
25	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.8	13
26	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.6	11
27	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.6	13
28	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.5	12
29	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	7.8	11
30	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	5.8	10
31	---	---	---	---	---	0.00	---	0.00	---	0.00	2.8	---
TOTAL	141.3	0	0	0	0	0	0	0	0	194.67	56	279.1
MEAN	7.4	---	---	---	---	0.000	0.000	0.000	0.000	6.3	1.8	9.3
MAX	12	---	---	---	---	0.00	0.00	0.00	0.00	14	7.8	13
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	2.9
AC-FT	280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	386	111	554
CAL YEAR 2004	MAX	16.0	MIN	0.000	AC-FT	2495						
WTR YEAR 2005	MAX	14.0	MIN	0.000	AC-FT	1331						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	---	---	---	---	---	0.00	0.00	18	42	51	35
2	24	---	---	---	---	---	0.00	0.00	18	49	50	35
3	23	---	---	---	---	---	0.00	0.00	16	50	44	33
4	22	---	---	---	---	---	0.00	0.00	15	52	42	29
5	22	---	---	---	---	---	0.00	0.00	14	53	40	26
6	25	---	---	---	---	---	0.00	0.98	9.4	53	41	26
7	26	---	---	---	---	---	0.00	3.3	7.6	47	48	30
8	26	---	---	---	---	---	0.00	3.4	6.3	44	49	36
9	17	---	---	---	---	---	0.00	3.2	5.7	44	51	39
10	15	---	---	---	---	---	0.00	3.2	2.0	43	47	38
11	17	---	---	---	---	---	0.00	3.5	0.00	45	26	33
12	22	---	---	---	---	---	0.00	4.1	0.00	48	28	27
13	21	---	---	---	---	---	0.00	4.7	0.00	48	27	33
14	15	---	---	---	---	0.00	0.00	6.3	0.00	50	23	40
15	12	---	---	---	---	0.00	0.00	9.6	0.00	49	20	40
16	15	---	---	---	---	0.00	0.00	12	0.00	49	19	40
17	15	---	---	---	---	0.00	0.00	15	0.00	49	19	39
18	12	---	---	---	---	0.00	0.00	14	0.00	49	24	37
19	9.2	---	---	---	---	0.00	0.00	12	0.00	47	33	33
20	7.5	---	---	---	---	0.00	0.00	14	0.00	31	42	26
21	5.2	---	---	---	---	0.00	0.00	13	0.00	10	45	22
22	4.6	---	---	---	---	0.00	0.00	16	0.00	6.0	51	21
23	1.2	---	---	---	---	0.00	0.00	20	0.00	0.00	52	21
24	0.00	---	---	---	---	0.00	0.00	24	0.00	0.00	54	21
25	0.00	---	---	---	---	0.00	0.00	28	0.00	0.00	54	21
26	0.00	---	---	---	---	0.00	0.00	27	4.5	0.00	50	26
27	0.00	---	---	---	---	0.00	0.00	28	20	0.00	37	30
28	---	---	---	---	---	0.00	0.00	27	14	21	37	26
29	---	---	---	---	---	0.00	0.00	22	22	44	40	24
30	---	---	---	---	---	0.00	0.00	22	31	50	41	25
31	---	---	---	---	---	0.00	---	20	---	51	39	---
TOTAL	379.7	0	0	0	0	0	0	356.28	203.5	1124	1224	912
MEAN	14.1	---	---	---	---	0.000	0.000	11.5	6.8	36.3	39.5	30.4
MAX	26	---	---	---	---	0.00	0.00	28	31	53	54	40
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	19	21
AC-FT	753	0.00	0.00	0.00	0.00	0.00	0.00	707	404	2229	2428	1809
CAL YEAR 2004	MAX	52.0	MIN	0.000	AC-FT	8746						
WTR YEAR 2005	MAX	54.0	MIN	0.000	AC-FT	8330						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.9	---	---	---	---	---	0.00	0.00	8.0	0.00	8.6	3.7
2	5.7	---	---	---	---	---	0.00	0.00	7.1	5.9	5.1	5.4
3	5.6	---	---	---	---	---	0.00	0.00	6.8	8.8	3.7	6.1
4	5.1	---	---	---	---	---	0.00	0.00	5.0	8.9	4.4	5.0
5	4.9	---	---	---	---	---	0.00	0.00	4.4	8.2	4.9	4.2
6	5.0	---	---	---	---	---	0.00	0.00	3.2	5.4	4.7	4.3
7	4.9	---	---	---	---	---	0.00	0.00	2.9	7.6	4.8	4.1
8	4.1	---	---	---	---	---	0.00	0.00	3.0	9.1	8.1	4.8
9	2.8	---	---	---	---	---	0.00	0.00	2.9	8.5	10	7.2
10	2.9	---	---	---	---	---	0.00	0.00	1.1	8.7	9.9	8.9
11	3.1	---	---	---	---	---	0.00	0.00	0.00	7.6	6.7	7.9
12	3.3	---	---	---	---	---	0.00	0.00	0.00	7.8	7.3	6.0
13	3.0	---	---	---	---	---	0.00	0.00	0.00	8.0	7.2	6.7
14	2.9	---	---	---	---	0.00	0.00	0.00	0.00	8.4	4.7	7.0
15	2.5	---	---	---	---	0.00	0.00	0.00	0.00	8.8	3.4	5.7
16	1.5	---	---	---	---	0.00	0.00	0.00	0.00	9.0	4.0	3.2
17	0.00	---	---	---	---	0.00	0.00	0.00	0.00	9.2	4.2	3.2
18	0.00	---	---	---	---	0.00	0.00	0.00	0.00	9.9	4.7	3.2
19	0.00	---	---	---	---	0.00	0.00	0.00	0.00	9.6	4.7	3.6
20	---	---	---	---	---	0.00	0.00	0.00	0.00	8.4	4.0	3.1
21	---	---	---	---	---	0.00	0.00	0.00	0.00	9.3	3.5	3.8
22	---	---	---	---	---	0.00	0.00	0.00	0.00	7.3	3.6	4.3
23	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	7.7	1.2
24	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	8.9	0.00
25	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.0	0.00
26	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	8.8	2.0
27	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	6.6	3.1
28	---	---	---	---	---	0.00	0.00	2.4	0.00	5.6	6.2	2.9
29	---	---	---	---	---	0.00	0.00	5.4	0.00	12	7.1	2.6
30	---	---	---	---	---	0.00	0.00	6.0	0.00	8.4	3.8	2.4
31	---	---	---	---	---	0.00	---	5.7	---	8.6	3.7	---
TOTAL	63.2	0	0	0	0	0	0	19.5	44.4	209	184	125.6
MEAN	3.3	---	---	---	---	0.000	0.000	0.63	1.5	6.7	5.9	4.2
MAX	5.9	---	---	---	---	0.00	0.00	6.0	8.0	12	10	8.9
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.4	0.00
AC-FT	125	0.00	0.00	0.00	0.00	0.00	0.00	39	88	415	365	249
CAL YEAR 2004	MAX	10.0	MIN	0.000	AC-FT	1668						
WTR YEAR 2005	MAX	12.0	MIN	0.000	AC-FT	1281						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.9	---	---	---	---	---	0.00	0.00	0.00	12	8.6	15
2	3.0	---	---	---	---	---	0.00	0.00	0.00	8.8	8.9	12
3	2.9	---	---	---	---	---	0.00	0.00	0.00	8.2	8.8	12
4	3.0	---	---	---	---	---	0.00	0.00	0.00	8.5e	10	13
5	0.91	---	---	---	---	---	0.00	0.00	0.00	8.8	9.5	15
6	0.00	---	---	---	---	---	0.00	0.00	0.00	7.6	8.2	13
7	---	---	---	---	---	---	0.00	0.00	0.00	8.8	8.6	9.9
8	---	---	---	---	---	---	0.00	0.00	0.00	11	8.9	6.9
9	---	---	---	---	---	---	0.00	0.00	0.00	12	11	6.1
10	---	---	---	---	---	---	0.00	0.00	0.00	12	11	5.0
11	---	---	---	---	---	---	0.00	0.00	0.00	16	11	4.3
12	---	---	---	---	---	---	0.00	0.00	0.00	13	11	5.4
13	---	---	---	---	---	---	0.00	0.00	0.00	13	6.7	2.2
14	---	---	---	---	---	---	0.00	0.00	0.00	12	9.9	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	12	5.6	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	12	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	12	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	12	0.00	0.00
19	---	---	---	---	---	0.00	0.00	0.00	0.00	14	0.00	0.00
20	---	---	---	---	---	0.00	0.00	0.00	0.00	14	0.00	4.8
21	---	---	---	---	---	0.00	0.00	0.00	4.2	13	2.6	7.5
22	---	---	---	---	---	0.00	0.00	0.00	5.3	14	12	9.0
23	---	---	---	---	---	0.00	0.00	0.00	5.6	14	12	9.0
24	---	---	---	---	---	0.00	0.00	0.00	4.8	13	12	9.3
25	---	---	---	---	---	0.00	0.00	0.00	3.8	13	13	9.0
26	---	---	---	---	---	0.00	0.00	0.00	4.7	12	14	8.1
27	---	---	---	---	---	0.00	0.00	0.00	3.8	9.3	15	7.9
28	---	---	---	---	---	0.00	0.00	0.00	4.8	7.5	14	8.1
29	---	---	---	---	---	0.00	0.00	0.00	7.7	7.6	9.3	8.0
30	---	---	---	---	---	0.00	0.00	0.00	6.7	8.2	7.6	8.0
31	---	---	---	---	---	0.00	---	0.00	---	7.9	12	---
TOTAL	12.71	0	0	0	0	0	0	0	51.4	347.2	261.2	208.5
MEAN	2.1	---	---	---	---	0.000	0.000	0.000	1.7	11.2	8.4	7.0
MAX	3.0	---	---	---	---	0.00	0.00	0.00	7.7	16	15	15
MIN	0.00	---	---	---	---	0.00	0.00	0.00	0.00	7.5	0.00	0.00
AC-FT	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102	689	518	414
CAL YEAR 2004	MAX	17.0	MIN	0.000	AC-FT	2103						
WTR YEAR 2005	MAX	16.0	MIN	0.000	AC-FT	1747						

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen, 06687000

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

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

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

PERIOD OF RECORD.--Oct. 1930 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 141 cubic feet per second June 27, gage height 4.44 feet; maximum gage height 6.72 feet January 4 due to backwater from ice; no flow July 2 - 19.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43	88	84e	82	89	105	86	81	67	27	8.0	22
2	43	89	86e	81	89	107	87	80	71	11e	7.1	22
3	44	89	92e	82	89	106	87	81	83	2.0e	12	21
4	43	89	90	80e	89	104	87	80	85	1.9e	26	24
5	44	87	91	78e	90	102	87	83	100	1.9e	33	28
6	43	87	90	74e	89	101	87	83	93	1.0e	32	34
7	45	86	91	76e	86	100	86	81	80	0.00e	26	34
8	45	86	91	78e	86	98	86	80	70	0.00e	20	28
9	54	86	91	80e	86	98	86	81	68	0.00e	9.4	24
10	56	87	91	90e	87	98	92	83	72	0.00e	9.0	24
11	55	85	91	90e	89	96	115	83	87	0.00e	44	25
12	47	84	92	76e	91	95	115	94	86	1.0e	60	34
13	45	84	90	76e	92	92	100	94	94	1.4e	68	33
14	62	84	86e	80e	93	90	91	87	99	1.2e	67	27
15	71	84	86	82e	95	92	88	78	90	1.0e	68	26
16	71	84	87	80e	93	94	87	72	85	0.50e	65	27
17	70	85	86	82e	91	93	86	64	81	0.00e	62	26
18	73	86	86	84e	95	91	86	61	79	0.00e	54	27
19	84	85	86	83	97	89	83	63	77	0.00e	40	31
20	84	85	86	85	101	91	82	59	76	15	28	34
21	86	84	86	88	102	92	96	57	72	43	26	36
22	86	84	82	87	102	95	99	56	71	46	15	36
23	89	84	82e	84	101	96	93	53	69	54	8.7	36
24	86	84	84e	86	100	94	83	50	69	54	9.4	37
25	86	85	88e	89	100	92	78	46	96	57	7.9	38
26	89	86	89	89	100	91	75	46	110	68	7.8	37
27	89	86	85	89	101	91	75	46	116	69	20	31
28	88	87	84	88	101	92	76	42	101	54	22	32
29	86	87	85	90	---	91	81	49	60	23	18	35
30	89	82e	85	90	---	90	83	53	43	12	16	35
31	87	---	85	90	---	88	---	62	---	9.6	18	---
TOTAL	2083	2569	2708	2589	2624	2954	2643	2128	2450	554.5	907.3	904
MEAN	67.2	85.6	87.4	83.5	93.7	95.3	88.1	68.6	81.7	17.9	29.3	30.1
MAX	89	89	92	90	102	107	115	94	116	69	68	38
MIN	43	82	82	74	86	88	75	42	43	0.00	7.1	21
AC-FT	4132	5096	5371	5135	5205	5859	5242	4221	4860	1100	1800	1793
CAL YEAR 2004	TOTAL		23891	MEAN	65.3	MAX	124.0	MIN	2.4	AC-FT	47390	
WTR YEAR 2005	TOTAL		25114	MEAN	68.8	MAX	116.0	MIN	0.000	AC-FT	49810	

e indicates estimated discharge.

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 1,180 cubic feet per second June 14, gage height 5.93 feet; maximum gage height 7.79 feet December 3 due to backwater from ice; minimum daily discharge 82 cubic feet per second July 20.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	771	918	880e	800e	807	730	783	644	352	510	443	531
2	819	910	860e	858	797	748	774	665	443	486	422	530
3	820	915	800e	875	788	738	746	682	556	498	396	527
4	818	918	760e	800e	796	737	712	688	478	548	461	540
5	820	909	700e	740e	797	733	699	689	534	562	463	550
6	830	902	740e	720e	783	728	700	673	629	570	492	543
7	870	906	800e	720e	762	716	691	668	812	556	544	554
8	852	912	900e	700e	707	706	696	637	735	518	581	559
9	849	920	1000e	680e	759	706	691	609	684	441	593	565
10	852	912	1100	680e	771	705	732	579	673	369	613	574
11	831	894	1020	660e	768	705	959	564	723	340	764	645
12	819	869	1000	660e	780	700	987	697	647	290	740	707
13	822	867	976	680e	792	722	879	681	798	249	847	722
14	835	874	907	640e	778	746	806	580	1080	202	878	749
15	901	895	889	600e	780	751	760	533	999	160	947	768
16	958	888	880	580e	785	738	722	498	1000	135	1070	736
17	969	896	870	580e	751	730	692	454	909	110	1110	644
18	965	960	846	560e	748	721	677	411	882	97	1110	583
19	952	983	820	560e	776	723	690	385	880	84	1090	588
20	889	957	821	580e	781	727	681	351	862	82	1060	590
21	901	959	813	600e	778	737	809	302	728	120	1000	576
22	923	980	780	680e	764	766	819	258	633	129	903	559
23	953	993	734	700e	743	767	770	222	533	139	837	558
24	957	980	508	780e	746	777	733	208	532	149	784	561
25	955	988	567	800e	743	798	694	206	755	176	714	581
26	965	994	600e	880e	746	792	659	209	824	299	673	593
27	991	996	700e	869	752	786	639	200	733	333	655	582
28	984	990e	700e	861	733	786	635	186	650	351	616	570
29	935	980e	720e	844	---	802	646	191	541	392	587	580
30	908	977	700e	827	---	804	639	220	524	453	574	589
31	896	---	760e	820	---	786	---	307	---	469	539	---
TOTAL	27610	28042	25151	22334	21511	23111	22120	14197	21129	9817	22506	17954
MEAN	890.6	934.7	811.3	720.5	768.3	745.5	737.3	458.0	704.3	316.7	726.0	598.5
MAX	991	996	1100	880	807	804	987	697	1080	570	1110	768
MIN	771	867	508	560	707	700	635	186	352	82	396	527
AC-FT	54760	55620	49890	44300	42670	45840	43870	28160	41910	19470	44640	35610
CAL YEAR 2004	TOTAL		215167	MEAN	587.9	MAX	1100	MIN	55.0	AC-FT	426800	
WTR YEAR 2005	TOTAL		255482	MEAN	700.0	MAX	1110	MIN	82.0	AC-FT	506700	

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 - present

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	356500	409600	457000	491800	526500	560600	604000	643500	643500	636600	498000	442400
2	357700	411000	457000	493400	526500	562200	605700	645300	645300	634800	494900	440900
3	359000	413800	457000	494900	528100	563900	605700	645300	643500	633100	490200	440900
4	360300	415200	457000	494900	529700	563900	607400	647000	645300	627900	487200	440900
5	361600	416600	458500	494900	531300	565500	609100	647000	643500	626200	484100	440900
6	364200	418000	460000	494900	532900	567200	610800	648800	643500	621100	479500	440900
7	365400	420900	461500	494900	532900	568800	610800	650500	645300	615900	478000	440900
8	368000	422300	464400	494900	534500	570500	612500	650500	643500	612500	473400	439500
9	369300	423700	465900	494900	536100	572100	614200	652300	641800	609100	470400	439500
10	370600	425100	467400	496400	536100	573800	615900	652300	643500	605700	468900	439500
11	371900	426500	467400	496400	537800	573800	617600	655800	643500	600600	467400	439500
12	374500	429400	468900	498000	537800	575500	619300	654000	645300	595500	465900	440900
13	374500	430800	468900	498000	539400	575500	621100	655800	647000	590500	463000	439500
14	377200	432300	470400	499600	541000	578800	622800	655800	648800	585500	460000	439500
15	378500	433700	470400	499600	542600	578800	622800	655800	650500	580400	458500	440900
16	381100	436600	471900	501100	544200	578800	624500	655800	652300	573800	457000	439500
17	382500	438000	475000	499600	544200	582100	626200	657500	654000	568800	455500	440900
18	385100	439500	475000	501100	545900	582100	627900	657500	654000	562200	455500	442400
19	386400	439500	476500	502700	547500	583800	629700	655800	655800	557300	452600	442400
20	387800	442400	478000	504300	547500	585500	629700	655800	657500	552400	451100	442400
21	390500	443800	478000	505800	549100	587100	634800	655800	657500	547500	449700	442400
22	393200	445300	479500	507400	550700	588800	633100	655800	655800	541000	448200	440900
23	394600	446700	479500	509000	552400	590500	634800	654000	655800	536100	446700	440900
24	395900	448200	481000	512200	552400	592200	636600	654000	654000	531300	446700	440900
25	397200	451100	481000	513700	554000	592200	638300	654000	652300	524900	446700	442400
26	400000	452600	481000	515300	555700	593900	638300	652300	652300	520100	446700	442400
27	401400	452600	481000	518500	557300	595500	640100	650500	650500	516900	445300	442400
28	404100	455500	482600	520100	559000	597200	640100	647000	645300	510600	443800	442400
29	408300	455500	484100	521700	---	598900	641800	647000	643500	507400	443800	442400
30	406900	457000	487200	523300	---	600600	643500	647000	640100	504300	442400	442400
31	408300	---	488700	524900	---	602300	---	645300	---	499600	442400	---
MEAN	381700	434400	472000	503800	541900	580700	624000	651800	648500	571900	461700	441100
MAX	408300	457000	488700	524900	559000	602300	643500	657500	657500	636600	498000	442400
MIN	356500	409600	457000	491800	526500	560600	604000	643500	640100	499600	442400	439500
CAL YEAR 2004	TOTAL	191954900	MEAN	524500	MAX	686000	MIN	341400	AC-FT	380700000		
WTR YEAR 2005	TOTAL	191946300	MEAN	525900	MAX	657500	MIN	356500	AC-FT	380700000		

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45	17	375	178	177	23	12	18	790	1460	1680	405
2	46	16	375	172	225	22	12	18	789	1450	1680	399
3	47	16	375	230	256	22	12	18	784	1500	1650	400
4	47	16	375	343	261	21	12	18	782	1590	1670	400
5	47	16	375	356	250	20	12	18	777	1660	1680	400
6	46	16	375	338	233	19	12	18	772	1700	1670	400
7	45	16	372	352	229	18	13	18	768	1730	1660	404
8	45	16	372	358	237	17	13	18	768	1750	1650	403
9	44	16	372	355	253	16	14	18	731	1740	1620	402
10	43	16	374	355	243	15	15	18	721	1740	1610	402
11	42	16	374	354	249	14	16	18	467	1740	1620	401
12	41	16	374	355	250	14	17	151	272	1740	1590	402
13	40	16	377	363	241	13	18	191	179	1730	1580	406
14	39	16	379	364	243	13	19	223	189	1720	1580	405
15	38	16	379	363	242	13	20	292	181	1710	1520	403
16	37	16	341	363	254	13	21	371	168	1700	1460	403
17	36	16	223	361	271	13	22	440	219	1690	1460	404
18	36	16	175	360	269	13	23	463	293	1680	1470	406
19	36	16	207	301	268	13	23	464	277	1670	1480	407
20	35	16	205	254	264	13	23	461	277	1660	1490	404
21	33	16	206	260	229	13	22	461	392	1660	1400	404
22	32	16	250	261	175	12	22	462	596	1660	1230	406
23	30	16	297	261	28	12	21	520	802	1660	995	406
24	28	16	291	239	28	12	21	624	1020	1660	901	404
25	27	16	290	160	27	12	20	625	1170	1650	850	407
26	26	16	280	120	26	12	20	698	1390	1660	781	405
27	24	164	273	120	25	12	19	815	1460	1700	587	403
28	22	274	252	120	24	12	19	810	1470	1700	483	406
29	21	375	185	120	---	12	18	804	1470	1690	405	407
30	20	375	186	150	---	12	18	805	1470	1690	400	404
31	18	---	183	168	---	12	---	800	---	1690	403	---
TOTAL	1116	1605	9467	8454	5477	458	529	10678	21444	51780	40255	12108
MEAN	36.0	53.5	305.4	272.7	195.6	14.8	17.6	344.5	714.8	1670	1299	403.6
MAX	47	375	379	364	271	23	23	815	1470	1750	1680	407
MIN	18	16	175	120	24	12	12	18	168	1450	400	399
AC-FT	2214	3183	18780	16770	10860	908	1049	21180	42530	102700	79840	24020
CAL YEAR 2004	TOTAL		127299	MEAN	347.8	MAX	1750	MIN	16.0	AC-FT	252500	
WTR YEAR 2005	TOTAL		163371	MEAN	447.6	MAX	1750	MIN	12.0	AC-FT	324000	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	92	0.00	0.00	0.00	44	94	0.00	0.00
2	0.00	0.00	0.00	0.00	87	0.00	0.00	0.00	47	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	83	0.00	0.00	0.00	49	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	81	0.00	0.00	0.00	60	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	79	0.00	0.00	0.00	67	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	76	0.00	0.00	0.00	65	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	63	0.00	0.00	0.00	67	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	49	0.00	0.00	0.00	71	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	53	0.00	0.00	0.00	118	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	57	0.00	0.00	0.00	133	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	67	0.00	0.00	0.00	630	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	67	0.00	0.00	0.00	716	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	65	0.00	0.00	0.00	718	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	61	0.00	0.00	0.00	747	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	57	0.00	0.00	0.00	745	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	52	0.00	0.00	0.00	720	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	49	0.00	0.00	0.00	708	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	49	0.00	0.00	0.00	724	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	49	0.00	0.00	0.00	719	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	48	0.00	0.00	37	720	0.00	0.00	0.00
21	0.00	0.00	0.00	37	45	0.00	0.00	37	736	0.00	0.00	0.00
22	0.00	0.00	0.00	120	43	0.00	0.00	36	720	0.00	0.00	0.00
23	0.00	0.00	0.00	78	42	0.00	0.00	38	722	0.00	0.00	0.00
24	0.00	0.00	0.00	97	41	0.00	0.00	39	683	0.00	0.00	0.00
25	0.00	0.00	0.00	163	40	0.00	0.00	37	618	0.00	0.00	0.00
26	0.00	0.00	0.00	146	39	0.00	0.00	32	427	0.00	0.00	0.00
27	0.00	0.00	0.00	159	37	0.00	0.00	29	370	0.00	0.00	0.00
28	0.00	0.00	0.00	138	25	0.00	0.00	27	261	0.00	0.00	0.00
29	0.00	0.00	0.00	120	---	0.00	0.00	35	214	0.00	0.00	0.00
30	0.00	0.00	0.00	110	---	0.00	0.00	36	193	0.00	0.00	0.00
31	0.00	---	0.00	99	---	0.00	---	41	---	0.00	0.00	---
TOTAL	0	0	0	1267	1596	0	0	424	12812	94	0	0
MEAN	0.000	0.000	0.000	40.9	57.0	0.000	0.000	13.7	427.1	3.0	0.000	0.000
MAX	0.00	0.00	0.00	163	92	0.00	0.00	41	747	94	0.00	0.00
MIN	0.00	0.00	0.00	0.00	25	0.00	0.00	0.00	44	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	2513	3166	0.00	0.00	841	25410	186	0.00	0.00
CAL YEAR 2004	TOTAL		551	MEAN	1.5	MAX	27.0	MIN	0.000	AC-FT	1093	
WTR YEAR 2005	TOTAL		16193	MEAN	44.4	MAX	747.0	MIN	0.000	AC-FT	32120	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54710	45240	40550	49470	58120	59480	53760	43280	42900	59360	46460	48550
2	54400	44970	40740	49490	58360	59190	53480	42980	44000	59220	46270	48470
3	54110	44620	41260	49580	58570	58890	50390	42770	45020	58240	46190	48360
4	53760	44320	41790	49940	58770	58600	50330	42560	45940	57300	45920	48250
5	53450	44000	42290	50280	58980	58300	50080	42400	46600	56800	45430	48190
6	53190	43650	42800	50500	59160	58010	49890	42190	47590	55960	45080	48220
7	52880	43540	43170	51060	59310	57680	49660	41920	47860	55670	44780	48220
8	52590	43250	43650	51340	59450	57390	49240	41740	49330	55350	44620	48440
9	52250	43010	44190	51800	59630	57100	48690	41500	50220	54830	44810	48520
10	51940	42740	41870	52220	59810	56800	48360	41230	51680	54480	45130	48720
11	51680	42480	44940	52960	60020	56510	48110	41500	53050	54310	45000	48900
12	51370	42160	45270	53330	60230	56220	47970	41390	54400	54050	44750	49160
13	51010	41790	45670	53710	60410	55610	47830	41130	54770	53710	44400	49240
14	50700	41500	46110	54140	60560	55320	47420	41050	53930	53330	44050	49440
15	50420	41290	46540	54570	60730	55030	47150	41130	54050	52900	44320	49610
16	50300	41020	47090	54970	60910	54740	46930	41160	53220	52330	44590	49770
17	50140	40870	47310	55440	61090	54450	46740	41520	53130	52250	45290	49970
18	49970	40600	47420	55870	61270	54160	46350	41580	53250	51910	46270	50160
19	49550	40340	47480	56280	61450	53930	46030	41740	53330	50920	47010	50390
20	49130	40130	47500	56660	61630	53680	46000	41870	53330	50780	47890	50610
21	48630	39950	47560	56860	61690	53510	45890	42000	53480	50470	48550	50780
22	48360	39660	47670	57070	61630	53250	45560	42110	53680	49860	49080	50950
23	48080	39640	47940	57270	61360	52990	45240	42130	54480	49580	49220	51170
24	47830	39510	48220	57270	61090	52760	44910	42160	55320	49300	49440	51400
25	47500	39300	48500	57590	60730	52590	44560	42000	56480	48690	49550	51650
26	47230	39070	48800	57680	60380	52390	44270	41840	57620	48330	49520	51970
27	46980	39120	49050	57680	60050	52160	43970	41840	58570	47810	49410	52330
28	46710	39170	49240	57830	59780	51880	43680	41890	59570	47420	49160	52760
29	46300	39640	49300	57980	---	51710	43520	42030	59990	47170	48880	52620
30	45970	40030	49360	58120	---	51370	43380	42450	59810	46840	48830	52680
31	45700	---	49410	57980	---	51200	---	42560	---	46680	48690	---
MEAN	50220	41550	45890	54420	60190	55060	47310	41920	52550	52450	46730	49980
MAX	54710	45240	49410	58120	61690	59480	53760	43280	59990	59360	49550	52760
MIN	45700	39070	40550	49470	58120	51200	43380	41050	42900	46680	44050	48190
CAL YEAR 2004	MEAN	48960	MAX	54710	MIN	39070						
WTR YEAR 2005	MEAN	49790	MAX	61690	MIN	39070						

NORTH & SOUTH PLATTE RIVER BASIN

MALONEY RESERVOIR from North & South Platte Rivers, 00405500

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

GAGE.--Staff gage

PERIOD OF RECORD.--1936 - present

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

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

STORAGE (ACFT), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16840	16520	16680	16360	14360	13640	12780	11670	17160	17640	17640	17640
2	16840	16520	16680	16360	14360	13640	12780	11670	18130	17640	17640	17640
3	16840	16520	16680	16360	14360	13640	12780	11670	18630	17640	17800	17640
4	16840	16520	16680	16360	14360	13640	12640	11540	18300	17640	17800	17640
5	16840	16520	16680	16360	14360	13640	12640	11540	17800	17640	17640	17640
6	16840	16520	16680	16360	14360	13490	12640	11540	17800	17640	17640	17640
7	16840	16520	16680	16050	14360	13490	12640	11410	17480	17640	17640	17640
8	16840	16520	16680	16050	14220	13490	12640	11410	17320	17640	17640	17480
9	16680	16520	16680	16050	14220	13350	12640	11410	17000	17480	17640	17160
10	16680	16520	16520	15890	14220	13350	12500	11280	17320	17480	17800	17160
11	16680	16520	16520	15890	14220	13350	12500	11410	17480	17640	17800	17160
12	16680	16520	16520	15890	14220	13350	12360	11410	17640	17640	17800	17160
13	16680	16520	16520	15890	14220	13060	12360	11280	17640	17640	17800	17160
14	16680	16360	16520	15740	14070	13060	12360	11280	17320	17640	17800	17160
15	16680	16360	16520	15740	14070	12920	12360	11150	17160	17640	17800	17160
16	16680	16360	16520	15430	14070	12920	12220	11410	17160	17640	17640	17160
17	16680	16680	16520	15430	14070	12920	12220	11670	17320	17480	17640	17160
18	16680	16680	16520	15430	14070	12920	12220	11940	17160	17480	17800	17160
19	16680	16680	16360	15430	14070	12920	12080	12080	17000	17480	17800	17160
20	16680	16680	16360	15430	13930	12920	12220	12500	17000	17480	17800	17160
21	16680	16680	16360	15270	13930	12920	12220	12640	16840	17640	17640	17160
22	16680	16680	16360	15270	13930	12920	12080	12920	17000	17640	17640	17160
23	16680	16680	16360	15270	13780	12920	12080	13350	17160	17640	17640	17160
24	16680	16680	16360	15270	13780	12920	11940	13640	17320	17640	17640	17160
25	16680	16680	16360	15270	13780	12920	11940	14220	17480	17800	17480	17160
26	16680	16680	16360	14810	13780	12780	11940	14510	17640	17800	17640	17320
27	16680	16680	16360	14810	13640	12780	11800	14960	17800	17640	17640	17160
28	16680	16680	16360	14510	13640	12780	11800	15270	17970	17640	17640	16840
29	16680	16680	16360	14510	---	12920	11800	15740	17480	17640	17640	16840
30	16680	16680	16360	14510	---	12780	11670	16200	17640	17640	17640	16680
31	16520	---	16360	14360	---	12780	---	16680	---	17640	17640	---
MEAN	16720	16580	16500	15560	14090	13130	12300	12630	17470	17620	17690	17250
MAX	16840	16680	16680	16360	14360	13640	12780	16680	18630	17800	17800	17640
MIN	16520	16360	16360	14360	13640	12780	11670	11150	16840	17480	17480	16680

CAL YEAR 2004	MEAN	17370	MAX	18300	MIN	15580
WTR YEAR 2005	MEAN	15640	MAX	18630	MIN	11150

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 2005

	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	449	1030	1540	394
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179	1230	1530	302
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189	1220	1520	379
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	460	1400	1530	271
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328	1550	1540	290
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305	1550	1540	254
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	325	1550	1550	201
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	352	1550	1550	254
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378	1540	1500	264
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227	1540	1420	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183	1540	1410	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151	1540	1420	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	399	1560	1420	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599	1530	1390	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	913	1520	1390	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	940	1540	1260	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197	620	1540	1150	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	167	777	1530	1020	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200	773	1530	897	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	725	1530	849	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	771	1530	848	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	740	1530	796	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149	808	1530	750	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	838	1530	674	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	826	1540	549	0.00
26	0.00	0.00	0.00	214	0.00	0.00	0.00	240	809	1530	479	0.00
27	0.00	0.00	0.00	228	0.00	0.00	0.00	535	840	1540	407	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	507	811	1540	393	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	419	786	1520	535	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	470	1040	1520	486	0.00
31	0.00	---	0.00	0.00	---	0.00	---	440	---	1520	427	---
TOTAL	0	0	0	442	0	0	0	3324	17541	46350	33770	2609
MEAN	0.000	0.000	0.000	14.3	0.000	0.000	0.000	107.2	584.7	1495	1089	87.0
MAX	0.00	0.00	0.00	228	0.00	0.00	0.00	535	1040	1560	1550	394
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151	1030	393	0.00
AC-FT	0.00	0.00	0.00	877	0.00	0.00	0.00	6593	34790	91930	66980	5175
CAL YEAR 2004	TOTAL	144254	MEAN	394.1	MAX	1640	MIN	0.000	AC-FT	286100		
WTR YEAR 2005	TOTAL	104036	MEAN	285.0	MAX	1560	MIN	0.000	AC-FT	206400		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Keystone, 06690500

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

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

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

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except records below 100 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 1,130 cubic feet per second July 26, gage height 4.12 feet; zero discharge October 1 - June 8 and September 17 - 30.

DISCHARGE (CFS), WATER YEAR 2005

	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	405	466	161
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403	380	113
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	451	342	113
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	488	338	114
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	485	337	117
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	478	344	202
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	558	344	203
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	603	347	202
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.1	627	357	160
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.8	691	352	142
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.8	845	257	142
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.1	923	206	58
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4	919	206	3.8
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.2	916	203	2.7
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	938	199	1.8
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.4	986	200	1.0
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.6	1020	196	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1	1040	148	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1040	265	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67	1040	358	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144	1040	355	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235	1070	335	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225	1060	372	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224	1080	398	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224	1090	399	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221	1090	385	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	226	888	398	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	337	731	393	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	403	526	342	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	398	446	236	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	468	190	---
TOTAL	0	0	0	0	0	0	0	0	2748.1	24345	9648	1736.3
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	91.6	785.3	311.2	57.9
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403	1090	466	203
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403	148	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5451	48290	19140	3444
CAL YEAR 2004	TOTAL		38827	MEAN	106.1	MAX	1170	MIN	0.000	AC-FT	77010	
WTR YEAR 2005	TOTAL		38477	MEAN	105.4	MAX	1090	MIN	0.000	AC-FT	76320	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	54	56	21
2	---	---	---	---	---	---	---	0.00	0.00	56	69	0.00
3	---	---	---	---	---	---	---	0.00	0.00	59	65	0.00
4	---	---	---	---	---	---	0.00	0.00	0.00	58	40	0.00
5	---	---	---	---	---	---	0.00	0.00	0.00	61	61	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	64	61	32
7	---	---	---	---	---	---	0.00	0.00	0.00	64	68	64
8	---	---	---	---	---	---	0.00	0.00	0.00	64	67	63
9	---	---	---	---	---	---	0.00	0.00	19	69	71	62
10	---	---	---	---	---	---	0.00	0.00	26	72	60	62
11	---	---	---	---	---	---	0.00	0.00	0.00	71	0.00	61
12	---	---	---	---	---	---	0.00	0.00	0.00	70	0.00	24
13	---	---	---	---	---	---	0.00	0.00	0.00	71	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	71	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	72	45	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	73	75	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	73	68	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	71	62	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	73	63	0.00
20	---	---	---	---	---	---	0.00	0.00	6.3	69	67	0.00
21	---	---	---	---	---	---	0.00	15	20	67	67	0.00
22	---	---	---	---	---	---	0.00	21	25	53	67	0.00
23	---	---	---	---	---	---	0.00	22	33	0.00	67	0.00
24	---	---	---	---	---	---	0.00	23	52	0.00	69	0.00
25	---	---	---	---	---	---	0.00	24	53	16	69	0.00
26	---	---	---	---	---	---	0.00	23	53	33	69	0.00
27	---	---	---	---	---	---	0.00	24	53	59	69	0.00
28	---	---	---	---	---	---	0.00	24	54	60	69	---
29	---	---	---	---	---	---	0.00	27	53	64	68	---
30	---	---	---	---	---	---	0.00	29	54	67	67	---
31	---	---	---	---	---	---	---	18	---	68	67	---
TOTAL	0	0	0	0	0	0	0	250	501.3	1822	1746	389
MEAN	---	---	---	---	---	---	0.000	8.1	16.7	58.8	56.3	14.4
MAX	---	---	---	---	---	---	0.00	29	54	73	75	64
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	496	994	3614	3463	772
CAL YEAR 2004	MAX	68.0	MIN	0.000	AC-FT	10450						
WTR YEAR 2005	MAX	75.0	MIN	0.000	AC-FT	9339						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.3	---	---	---	---	---	---	0.00	65	174	207	129
2	4.9	---	---	---	---	---	---	0.00	52	191	212	132
3	4.6	---	---	---	---	---	---	0.00	40	204	215	125
4	4.8	---	---	---	---	---	0.00	0.00	44	205	211	122
5	2.6	---	---	---	---	---	0.00	0.00	58	230	199	118
6	---	---	---	---	---	---	0.00	0.00	57	258	198	121
7	---	---	---	---	---	---	0.00	18	55	257	195	122
8	---	---	---	---	---	---	0.00	60	48	259	196	121
9	---	---	---	---	---	---	0.00	59	5.0	259	198	111
10	---	---	---	---	---	---	0.00	58	3.8	256	195	99
11	---	---	---	---	---	---	0.00	55	16	248	144	88
12	---	---	---	---	---	---	0.00	59	36	240	106	64
13	---	---	---	---	---	---	0.00	58	35	222	83	38
14	---	---	---	---	---	---	0.00	55	36	224	59	30
15	---	---	---	---	---	---	0.00	56	55	219	59	30
16	---	---	---	---	---	---	0.00	54	51	210	52	29
17	---	---	---	---	---	---	0.00	55	45	211	50	28
18	---	---	---	---	---	---	0.00	66	38	226	82	12
19	---	---	---	---	---	---	0.00	63	36	235	98	0.00
20	---	---	---	---	---	---	0.00	51	37	239	105	0.00
21	---	---	---	---	---	---	0.00	7.7	37	219	122	0.00
22	---	---	---	---	---	---	0.00	7.1	76	197	176	0.00
23	---	---	---	---	---	---	0.00	8.8	96	184	196	0.00
24	---	---	---	---	---	---	0.00	35	97	175	203	0.00
25	---	---	---	---	---	---	0.00	35	105	182	217	0.00
26	---	---	---	---	---	---	0.00	35	110	191	226	0.00
27	---	---	---	---	---	---	0.00	33	110	205	205	0.00
28	---	---	---	---	---	---	0.00	22	127	203	180	---
29	---	---	---	---	---	---	0.00	18	157	212	139	---
30	---	---	---	---	---	---	0.00	33	177	206	132	---
31	---	---	---	---	---	---	---	57	---	203	133	---
TOTAL	22.2	0	0	0	0	0	0	1058.6	1904.8	6744	4793	1519
MEAN	4.4	---	---	---	---	---	0.000	34.1	63.5	217.5	154.6	56.3
MAX	5.3	---	---	---	---	---	0.00	66	177	259	226	132
MIN	2.6	---	---	---	---	---	0.00	0.00	3.8	174	50	0.00
AC-FT	44	0.00	0.00	0.00	0.00	0.00	0.00	2100	3778	13380	9507	3013
CAL YEAR 2004	MAX	237.0	MIN	0.000	AC-FT	37560						
WTR YEAR 2005	MAX	259.0	MIN	0.000	AC-FT	31820						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	15	62	76	64
2	---	---	---	---	---	---	---	0.00	30	71	85	64
3	---	---	---	---	---	---	---	0.00	26	81	86	56
4	---	---	---	---	---	---	0.00	0.00	25	86	87	53
5	---	---	---	---	---	---	0.00	0.00	20	94	86	53
6	---	---	---	---	---	---	0.00	0.00	20	97	82	54
7	---	---	---	---	---	---	0.00	0.00	19	97	86	56
8	---	---	---	---	---	---	0.00	0.00	19	97	83	44
9	---	---	---	---	---	---	0.00	0.00	23	99	81	34
10	---	---	---	---	---	---	0.00	0.00	21	101	90	31
11	---	---	---	---	---	---	0.00	0.00	24	101	62	31
12	---	---	---	---	---	---	0.00	0.00	21	98	36	32
13	---	---	---	---	---	---	0.00	20	20	93	36	16
14	---	---	---	---	---	---	0.00	20	20	88	36	5.9
15	---	---	---	---	---	---	0.00	17	19	88	37	5.4
16	---	---	---	---	---	---	0.00	16	19	87	35	5.0
17	---	---	---	---	---	---	0.00	13	18	85	34	3.6
18	---	---	---	---	---	---	0.00	0.00	16	83	30	4.9
19	---	---	---	---	---	---	0.00	0.00	14	80	46	5.7
20	---	---	---	---	---	---	0.00	1.0	24	80	82	5.1
21	---	---	---	---	---	---	0.00	30	32	45	88	2.6
22	---	---	---	---	---	---	0.00	22	37	28	91	0.00
23	---	---	---	---	---	---	0.00	21	37	28	94	2.9
24	---	---	---	---	---	---	0.00	6.4	38	26	100	4.3
25	---	---	---	---	---	---	0.00	3.0	40	27	101	6.7
26	---	---	---	---	---	---	0.00	0.00	42	28	97	7.1
27	---	---	---	---	---	---	0.00	0.00	41	27	82	3.7
28	---	---	---	---	---	---	0.00	16	39	26	76	---
29	---	---	---	---	---	---	0.00	9.2	41	43	73	---
30	---	---	---	---	---	---	0.00	10	54	67	63	---
31	---	---	---	---	---	---	---	14	---	74	60	---
TOTAL	0	0	0	0	0	0	0	218.6	814	2187	2201	650.9
MEAN	---	---	---	---	---	---	0.000	7.1	27.1	70.5	71.0	24.1
MAX	---	---	---	---	---	---	0.00	30	54	101	101	64
MIN	---	---	---	---	---	---	0.00	0.00	14	26	30	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	434	1615	4338	4366	1291
CAL YEAR 2004	MAX	64.0	MIN	0.000	AC-FT	10500						
WTR YEAR 2005	MAX	101.0	MIN	0.000	AC-FT	12040						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland, 06691000

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

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

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

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

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 839 cubic feet per second July 26, gage height 4.28 feet; minimum daily flow 27 cubic feet per second August 9.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	123	106	110e	120e	114	98	110	92	31	117	156	54
2	115	100	112e	120e	114	99	107	89	81	111	121	75
3	116	102	112e	120e	111	100	110	91	93	85	50	56
4	109	104	114e	120e	111	100	108	91	126	115	61	52
5	108	107	116e	120e	109	98	110	90	100	119	37	52
6	111	112	118e	120e	104	99	107	93	71	82	34	55
7	118	106	118e	120e	103	98	104	92	54	85	36	57
8	113	107	118e	120e	110	94	102	90	46	138	29	77
9	109	112	118e	120e	118	97	103	88	70	172	27	89
10	112	107	118e	120e	112	103	120	49	73	197	38	81
11	113	97	118e	120e	111	97	144	57	190	268	223	82
12	114	99	118e	122e	111	102	132	109	168	429	193	96
13	110	100	118e	125e	117	99	122	74	176	507	185	139
14	107	98	118e	130e	110	94	117	51	159	523	201	103
15	115	101	118e	135e	109	93	114	45	98	533	194	94
16	123	104	118e	140e	108	90	112	39	89	569	150	89
17	121	104	118e	140e	107	91	111	39	85	605	146	86
18	124	122	118e	145e	103	93	111	35	82	612	116	95
19	134	122	118e	150e	104	92	107	33	82	616	68	99
20	128	109	120e	150e	106	96	106	31	61	590	80	95
21	126	104	120e	145e	104	119	145	37	49	635	119	93
22	125	109	120e	140e	100	120	144	35	60	676	79	90
23	125	108	120e	135e	100	115	113	35	102	719	63	88
24	120	107	120e	135e	97	114	104	32	103	718	69	94
25	119	110	120e	135e	98	111	105	32	88	701	77	92
26	121	110	120e	130	98	109	104	31	83	758	79	89
27	121	108	120e	124	98	110	96	31	81	649	104	91
28	132	107	120e	120	98	107	94	30	66	554	136	86
29	119	106e	120e	117	---	111	98	30	82	367	170	81
30	116	108e	120e	116	---	120	94	30	111	209	138	92
31	111	---	120e	117	---	114	---	33	---	154	74	---
TOTAL	3658	3196	3656	3971	2985	3183	3354	1734	2760	12613	3253	2522
MEAN	118.0	106.5	117.9	128.1	106.6	102.7	111.8	55.9	92.0	406.9	104.9	84.1
MAX	134	122	120	150	118	120	145	109	190	758	223	139
MIN	107	97	110	116	97	90	94	30	31	82	27	52
AC-FT	7256	6339	7252	7876	5921	6313	6653	3439	5474	25020	6452	5002
CAL YEAR 2004	TOTAL		43859	MEAN	119.8	MAX	1170	MIN	9.5	AC-FT	86990	
WTR YEAR 2005	TOTAL		46885	MEAN	128.5	MAX	758.0	MIN	27.0	AC-FT	93000	

e indicates estimated discharge.

BIRDWOOD CANAL from Birdwood Creek, 00016000

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

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

PERIOD OF RECORD.--1921 - present

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	7.5	---	---	---	---	---	0.00	13	36	35	30
2	12	3.9	---	---	---	---	---	0.00	15	42	36	31
3	11	---	---	---	---	---	---	0.00	14	39	37	32
4	11	---	---	---	---	---	0.00	0.00	14	39	39	32
5	12	---	---	---	---	---	0.00	16	14	34	40	32
6	13	---	---	---	---	---	0.00	18	12	33	44	31
7	16	---	---	---	---	---	0.00	20	11	31	48	29
8	15	---	---	---	---	---	0.00	19	9.1	31	44	30
9	14	---	---	---	---	---	0.00	17	7.9	31	44	30
10	12	---	---	---	---	---	0.00	18	8.2	32	45	31
11	8.2	---	---	---	---	---	0.00	20	10	33	29	34
12	8.1	---	---	---	---	---	0.00	15	9.0	31	32	16
13	8.3	---	---	---	---	---	0.00	0.00	7.8	31	16	2.9
14	8.4	---	---	---	---	---	0.00	0.00	6.2	31	15	0.00
15	8.9	---	---	---	---	---	0.00	0.00	5.1	31	13	0.00
16	9.1	---	---	---	---	---	0.00	0.00	5.5	31	12	0.00
17	9.6	---	---	---	---	---	0.00	5.9	5.9	31	12	4.8
18	9.9	---	---	---	---	---	0.00	9.7	5.6	31	12	8.4
19	9.8	---	---	---	---	---	0.00	8.6	5.2	31	17	8.3
20	9.4	---	---	---	---	---	4.4	8.5	19	31	23	8.8
21	7.0	---	---	---	---	---	0.00	8.3	27	31	29	14
22	4.5	---	---	---	---	---	0.00	8.0	23	31	41	22
23	4.5	---	---	---	---	---	0.00	7.9	23	31	48	27
24	4.2	---	---	---	---	---	0.00	12	24	31	52	30
25	4.2	---	---	---	---	---	0.00	15	24	31	52	25
26	3.3	---	---	---	---	---	0.00	14	26	32	43	23
27	2.6	---	---	---	---	---	0.00	13	25	33	38	19
28	2.6	---	---	---	---	---	0.00	12	25	32	33	19
29	2.6	---	---	---	---	---	0.00	13	24	29	27	19
30	2.6	---	---	---	---	---	0.00	13	28	26	28	19
31	5.6	---	---	---	---	---	---	14	---	31	28	---
TOTAL	261.4	11.4	0	0	0	0	4.4	305.9	446.5	998	1012	608.2
MEAN	8.4	5.7	---	---	---	---	0.16	9.9	14.9	32.2	32.6	20.3
MAX	16	7.5	---	---	---	---	4.4	20	28	42	52	34
MIN	2.6	3.9	---	---	---	---	0.00	0.00	5.1	26	12	0.00
AC-FT	518	23	0.00	0.00	0.00	0.00	8.7	607	886	1980	2007	1206
CAL YEAR 2004	MAX	40.0	MIN	0.000	AC-FT	9232						
WTR YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	7235						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey, 06692000

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

GAGE.--Continuous stage recorder

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 343 cubic feet per second August 12, gage height 2.39 feet;
maximum gage height 2.60 feet January 16 due to backwater from ice conditions; minimum daily
discharge 100 cubic feet per second August 6 & 7.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	158	151	149	150	186	150	151	160	155	129	111	133
2	157	147	149	147	186	154	150	159	189	148	111	133
3	154	150	154	148	183	157	149	160	176	136	107	135
4	154	157	159	151	181	157	150	163	174	135	114	135
5	151	158	164	149	178	156	154	147	167	130	107	135
6	153	154	160	150e	174	159	145	147	145	124	100	136
7	155	153	158	150e	166	160	147	151	143	115	100	138
8	152	154	157	155e	164	156	151	148	143	112	103	136
9	152	153	160	155e	163	155	155	138	142	111	102	134
10	154	154	154	160e	159	157	170	137	155	110	104	130
11	158	145	153	160e	159	148	175	147	208	129	193	126
12	157	147	155	160e	160	152	161	198	185	131	237	148
13	156	149	148	160e	164	150	162	168	182	119	150	157
14	151	149	149	155e	156	151	164	158	168	115	143	158
15	157	151	153	160e	157	150	167	157	154	113	143	159
16	158	153	153	165e	154	151	164	157	154	111	142	158
17	156	153	152	169	150	152	169	152	153	111	145	154
18	158	163	151	170	148	152	172	147	155	116	147	151
19	160	155	152	176	152	146	173	144	156	113	140	154
20	156	153	154	182	154	151	197	143	143	114	134	153
21	158	157	151	185	153	166	226	142	141	113	134	148
22	164	155	149	173	152	170	200e	142	133	112	132	144
23	162	152	148	169	152	163	185	143	133	110	131	144
24	160	152	150e	176	149	159	178	139	137	110	134	149
25	159	156	150	180	150	155	173	139	134	115	132	151
26	157	156	152	179	151	152	166	135	148	124	138	147
27	162	153	150	179	154	152	165	135	135	118	138	145
28	165	152	151	178	153	150	166	132	133	116	137	140
29	168	149	152	182	---	153	169	138	133	117	137	136
30	158	151	154	182	---	170	165	142	130	117	137	138
31	154	---	152	185	---	154	---	165	---	114	134	---
TOTAL	4874	4582	4743	5140	4508	4808	5019	4633	4604	3688	4117	4305
MEAN	157.2	152.7	153.0	165.8	161.0	155.1	167.3	149.5	153.5	119.0	132.8	143.5
MAX	168	163	164	185	186	170	226	198	208	148	237	159
MIN	151	145	148	147	148	146	145	132	130	110	100	126
AC-FT	9667	9088	9408	10200	8941	9537	9955	9189	9132	7315	8166	8539
CAL YEAR 2004	TOTAL		53682	MEAN	146.7	MAX	195.0	MIN	105.0	AC-FT	106500	
WTR YEAR 2005	TOTAL		55021	MEAN	150.7	MAX	237.0	MIN	100.0	AC-FT	109100	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	4.2	59	79	56
2	0.00	---	---	---	---	---	---	0.00	7.0	64	78	70
3	0.00	---	---	---	---	---	---	0.00	4.4	65	58	68
4	0.00	---	---	---	---	---	---	0.00	4.9	72	66	68
5	0.00	---	---	---	---	---	---	0.00	4.2	83	87	68
6	---	---	---	---	---	---	---	0.00	3.1	77	84	68
7	---	---	---	---	---	---	---	0.00	3.1	73	82	69
8	---	---	---	---	---	---	---	0.00	15	77	82	70
9	---	---	---	---	---	---	---	0.00	38	86	80	69
10	---	---	---	---	---	---	---	0.91	40	92	79	46
11	---	---	---	---	---	---	---	16	32	97	97	29
12	---	---	---	---	---	---	0.00	41	39	96	71	36
13	---	---	---	---	---	---	0.00	41	33	94	14	50
14	---	---	---	---	---	---	0.00	14	17	85	54	22
15	---	---	---	---	---	---	0.00	16	30	84	71	14
16	---	---	---	---	---	---	0.00	43	21	86	79	5.2
17	---	---	---	---	---	---	0.00	43	14	86	75	0.00
18	---	---	---	---	---	---	0.00	35	7.8	89	70	0.00
19	---	---	---	---	---	---	0.00	21	6.1	89	56	0.00
20	---	---	---	---	---	---	0.00	46	8.3	88	59	0.00
21	---	---	---	---	---	---	0.00	44	27	90	78	0.00
22	---	---	---	---	---	---	0.00	45	62	93	74	0.00
23	---	---	---	---	---	---	0.00	46	53	96	71	0.00
24	---	---	---	---	---	---	0.00	46	58	97	78	0.00
25	---	---	---	---	---	---	0.00	46	57	98	77	0.00
26	---	---	---	---	---	---	0.00	46	59	97	79	0.00
27	---	---	---	---	---	---	0.00	47	58	84	78	0.00
28	---	---	---	---	---	---	0.00	46	57	82	75	---
29	---	---	---	---	---	---	0.00	46	56	75	74	---
30	---	---	---	---	---	---	0.00	47	59	87	66	---
31	---	---	---	---	---	---	---	41	---	80	59	---
TOTAL	0	0	0	0	0	0	0	816.91	878.1	2621	2230	808.2
MEAN	0.000	---	---	---	---	---	0.000	26.4	29.3	84.5	71.9	29.9
MAX	0.00	---	---	---	---	---	0.00	47	62	98	97	70
MIN	0.00	---	---	---	---	---	0.00	0.00	3.1	59	14	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1620	1742	5199	4423	1603
CAL YEAR 2004	MAX	86.0	MIN	0.000	AC-FT	17670						
WTR YEAR 2005	MAX	98.0	MIN	0.000	AC-FT	14590						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.2	13	---	---	---	---	---	0.00	8.7	13	16	10
2	9.0	2.9	---	---	---	---	---	0.00	12	12	15	7.4
3	9.0	---	---	---	---	---	---	0.00	15	11	14	4.6
4	9.2	---	---	---	---	---	---	0.00	13	12	15	1.4
5	9.3	---	---	---	---	---	---	0.00	6.0	14	15	0.34
6	9.2	---	---	---	---	---	---	0.00	5.6	11	14	4.3
7	9.6	---	---	---	---	---	---	0.00	4.0	8.6	12	11
8	9.7	---	---	---	---	---	---	0.00	2.8	7.4	9.4	11
9	9.0	---	---	---	---	---	---	0.00	3.2	13	7.5	13
10	8.9	---	---	---	---	---	---	0.00	3.9e	14	7.2	14
11	8.5	---	---	---	---	---	---	0.00	4.6e	15	20	14
12	8.5	---	---	---	---	---	0.00	0.00	5.2e	14	16	15
13	9.0	---	---	---	---	---	0.00	0.00	6.0e	14	11	15
14	9.6	---	---	---	---	---	0.00	0.00	6.6e	15e	10	15
15	9.8	---	---	---	---	---	0.00	0.00	7.4	15	9.8	15
16	9.9	---	---	---	---	---	0.00	0.00	7.2	15	11	15
17	9.6	---	---	---	---	---	0.00	0.00	6.4	16	14	15
18	10	---	---	---	---	---	0.00	0.00	6.0	16	16	15
19	10	---	---	---	---	---	0.00	0.00	6.4	17	19	15
20	11	---	---	---	---	---	0.00	0.00	5.6	17	15	15
21	11	---	---	---	---	---	0.00	0.00	4.4	17	19	15
22	12	---	---	---	---	---	0.00	0.00	5.6	17	19	15
23	12	---	---	---	---	---	0.00	0.00	8.1	17	7.0	15
24	11	---	---	---	---	---	0.00	0.81	12	17	4.4	15
25	11	---	---	---	---	---	0.00	3.1	12	18	1.9	15
26	12	---	---	---	---	---	0.00	3.1	12	17	5.7	15
27	12	---	---	---	---	---	0.00	2.5	11	17	11	14
28	12	---	---	---	---	---	0.00	1.8	11	16	14	14
29	13	---	---	---	---	---	0.00	1.8	9.8	15	12	14
30	15	---	---	---	---	---	0.00	2.4	12	15	13	14
31	15	---	---	---	---	---	---	6.8	---	16	12	---
TOTAL	324	15.9	0	0	0	0	0	22.31	233.5	452	385.9	372.04
MEAN	10.5	8.0	---	---	---	---	0.000	0.72	7.8	14.6	12.4	12.4
MAX	15	13	---	---	---	---	0.00	6.8	15	18	20	15
MIN	8.5	2.9	---	---	---	---	0.00	0.00	2.8	7.4	1.9	0.34
AC-FT	643	32	0.00	0.00	0.00	0.00	0.00	44	463	897	765	738
CAL YEAR 2004	MAX	24.0	MIN	0.000	AC-FT	4024						
WTR YEAR 2005	MAX	20.0	MIN	0.000	AC-FT	3581						

e indicates estimated discharge.

LINCOLN COUNTY DRAIN NO. 1 at North Platte, 06692500

LOCATION.--Lat. 41°09'40", long. 100°47'25", NE1/4NE1/4 Sec. 30-14-30 W., Lincoln County, on left bank 25 feet upstream from highway bridge, 0.8 mile upstream from mouth, and 1.5 miles northwest of the city of North Platte.

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 124 cubic feet per second August 11, gage height 1.94 feet; minimum daily discharge 14 cubic feet per second April 1, April 6 to May 4.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	48	28	24	21	19	16	14	14	52	63	65	85
2	51	27	24	21	19	17	15	14	63	61	61	87
3	46	28	24	21	19	16	15	14	48	69	61	71
4	46	28	24	21	19	16	15	14	50	69	68	75
5	45	29	24	21e	19	16	15	15	53	63	73	78
6	42	29	24	21e	19	16	14	15	54	61	73	79
7	39	29	24	21e	18	16	14	15	50	51	74	84
8	38	29	24	21	18	16	14	15	46	44	73	78
9	37	29	23	20	18	16	14	15	43	46	81	75
10	36	28	23	21	18	16	14	15	43	63	86	77
11	34	27	23	20	18	16	14	22	68e	83	110	78
12	32	27	23	20	18	16	14	25	68e	91	109	88
13	34	27	22	20	18	16	14	20	70e	86	108	73
14	33	26	22	20e	18	16	14	19	68	80	103	62
15	34	26	22	19	18	16	14	18	61	70	100	58
16	35	25	22	20e	18	16	14	19	63	85	95	57
17	35	25	22	20	18	15	14	22	59	83	86	56
18	34	23	22	20	18	15	14	25	55	82	85	55
19	33	23	22	20	18	15	14	26	50	81	91	54
20	33	23	22	20	18	15	14	23	47	90	85	52
21	35	23	22	20	17	16	14	22	46	95	83	51
22	27	23	22	19	17	16	14	21	48	89	88	50
23	24	23	22	19	17	15	14	21	57	85	80	49
24	25	23	21e	20	17	15	14	22	68	79	77	49
25	26	24	21	20	17	15	14	26	65	70	75	48
26	26	24	21	20	17	15	14	27	72	59	89	47
27	27	24	21	20	17	15	14	28	70	57	104	46
28	22	25	21	20	16	15	14	30	57	58	100	48
29	21	24	21	19	---	15	14	29	67	58	98	47
30	24	24	21	19	---	15	14	36	76	62	85	45
31	26	---	21	19	---	15	---	48	---	63	85	---
TOTAL	1048	773	694	623	501	484	424	675	1737	2196	2651	1902
MEAN	33.8	25.8	22.4	20.1	17.9	15.6	14.1	21.8	57.9	70.8	85.5	63.4
MAX	51	29	24	21	19	17	15	48	76	95	110	88
MIN	21	23	21	19	16	15	14	14	43	44	61	45
AC-FT	2079	1533	1377	1236	994	960	841	1339	3445	4356	5258	3773
CAL YEAR 2004	TOTAL		12108	MEAN	33.1	MAX	102.0	MIN	8.3	AC-FT	24020	
WTR YEAR 2005	TOTAL		13708	MEAN	37.6	MAX	110.0	MIN	14.0	AC-FT	27190	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at North Platte, 06693000

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 890 cubic feet per second June 11, gage height 4.87 feet;
maximum gage height 6.36 feet December 3 due to backwater from ice; minimum daily discharge 146
cubic feet per second May 28.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	268	305	300e	313	340e	280e	243	285	375	259	273	234
2	274	282	320e	333	339	280e	255	282	521	273	262	232
3	264	275	200e	308	330	280e	261	282	573	269	235	228
4	253	271	280e	280e	313	280e	268	301	510e	239	232	217
5	284	289	300e	260e	305	280e	284	327	460e	241	213	218
6	305	302	360	260e	322	290e	282	327	360e	226	187	219
7	314	309	348	280e	324	290e	270	344	280e	191	177	229
8	297	296	339	280e	342	300e	282	295	273	182	172	231
9	271	330	337	300e	321	310e	289	296	275	220	182	237
10	272	333	328	290e	293	311	291	282	295	243	190	248
11	277	310	308	280e	289	305	358	247	745	304	364	262
12	275	298	298	290e	277	283	354	401	746	432	527	271
13	262	314	296	300e	277	283	327	379	687	555	492	273
14	255	322	304	310e	291	286	321	284	650	576	445	290
15	272	328	311	310e	310	283	306	253	500	570	421	278
16	298	342	304	310e	322	279	287	221	405	568	372	262
17	305	353	317	320e	305	284	305	229	394	580e	330	264
18	314	384	323	320e	287	274	322	218	373	600e	318	262
19	316	394	323	330e	285	271	325	250	372	640e	300	272
20	307	351	323	330e	284	279	321	230	363	660e	251	255
21	285	330	323	330e	280e	325	414	233	306	680e	273	254
22	291	336	300e	330e	280e	382	475	195	281	700e	263	255
23	304	325	300e	330e	280e	359	395	189	265	720	227	264
24	302	312	280e	340e	290e	351	346	187	304	734	228	273
25	297	324	280e	340e	290e	311	319	160	279	769	232	267
26	285	331	300e	367	290e	293	304	148	292	796	247	258
27	287	325	300e	355	290e	285	289	152	255	789	264	255
28	313	324	300e	357	280e	288	278	146	243	668	289	239
29	304	346	320e	332	---	285	288	167	232	565	318	237
30	283	337	320e	327	---	311	282	180	252	416	334	243
31	287	---	327	348	---	285	---	252	---	316	288	---
TOTAL	8921	9678	9569	9760	8436	9203	9341	7742	11866	14981	8906	7527
MEAN	287.8	322.6	308.7	314.8	301.3	296.9	311.4	249.7	395.5	483.3	287.3	250.9
MAX	316	394	360	367	342	382	475	401	746	796	527	290
MIN	253	271	200	260	277	271	243	146	232	182	172	217
AC-FT	17690	19200	18980	19360	16730	18250	18530	15360	23540	29710	17660	14930
CAL YEAR 2004	TOTAL	108923	MEAN	297.6	MAX	1140	MIN	103.0	AC-FT	216000		
WTR YEAR 2005	TOTAL	115930	MEAN	317.6	MAX	796.0	MIN	146.0	AC-FT	229900		

e indicates estimated discharge.

LOGGEPOLLE 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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	2.6	2.0	2.5	1.5	1.0
2	---	---	---	---	---	---	---	2.7	2.3	2.4	1.5	1.0
3	---	---	---	---	---	---	---	2.7	2.5	2.2	1.5	0.97
4	---	---	---	---	---	---	---	2.7	3.4	2.2	1.5	0.84
5	---	---	---	---	---	---	---	2.8	2.6	2.2	1.6	0.82
6	---	---	---	---	---	---	---	2.9	2.4	2.1	1.6	0.85
7	---	---	---	---	---	---	---	2.8	2.2	2.0	1.6	0.90
8	---	---	---	---	---	---	---	2.7	2.3	1.9	1.6	0.94
9	---	---	---	---	---	---	---	2.8	2.4	1.8	1.6	0.93
10	---	---	---	---	---	---	---	2.8	2.5	1.7	1.7	0.95
11	---	---	---	---	---	---	---	2.7	2.7	1.7	1.7	0.96
12	---	---	---	---	---	---	---	2.7	3.0	1.7	1.6	0.98
13	---	---	---	---	---	---	---	2.5	2.8	1.5	1.5	0.93
14	---	---	---	---	---	---	---	2.6	2.8	1.4	1.6	0.98
15	---	---	---	---	---	---	---	2.6	3.0	1.4	1.5	1.0
16	---	---	---	---	---	---	---	2.5	3.2	1.3	1.4	1.1
17	---	---	---	---	---	---	---	2.4	3.3	1.2	1.3	1.2
18	---	---	---	---	---	---	---	2.3	3.2	1.2	1.2	1.2
19	---	---	---	---	---	---	---	2.4	3.2	1.1	1.2	1.4
20	---	---	---	---	---	---	---	2.3	3.1	1.0	1.1	1.4
21	---	---	---	---	---	---	---	2.2	3.0	0.99	1.0	1.5
22	---	---	---	---	---	---	---	2.2	3.1	0.95	1.0	1.7
23	---	---	---	---	---	---	---	2.2	3.0	0.95	1.1	1.9
24	---	---	---	---	---	---	---	2.1	3.2	1.0	1.2	1.8
25	---	---	---	---	---	---	---	2.0	8.9	1.3	1.1	1.9
26	---	---	---	---	---	---	---	1.9	3.9	1.8	1.2	1.9
27	---	---	---	---	---	---	---	1.9	2.9	1.4	1.2	1.9
28	---	---	---	---	---	---	---	1.8	2.8	1.4	1.3	1.9
29	---	---	---	---	---	---	---	1.6	2.6	1.4	1.3	1.8
30	---	---	---	---	---	---	---	1.6	2.6	1.3	1.2	1.9
31	---	---	---	---	---	---	---	2.1	---	1.4	1.0	---
TOTAL	0	0	0	0	0	0	0	74.1	90.9	48.39	42.4	38.55
MEAN	---	---	---	---	---	---	---	2.4	3.0	1.6	1.4	1.3
MAX	---	---	---	---	---	---	---	2.9	8.9	2.5	1.7	1.9
MIN	---	---	---	---	---	---	---	1.6	2.0	0.95	1.0	0.82
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	147	180	96	84	76
CAL YEAR 2004	MAX	3.7	MIN	0.30	AC-FT	463						
WTR YEAR 2005	MAX	8.9	MIN	0.82	AC-FT	584						

LOGGEPOLLE CREEK below Oliver Reservoir, 00219000

LOCATION.--SE1/4SW1/4 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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.06	0.17	0.12e	0.12	0.10e
2	---	---	---	---	---	---	---	0.06	0.12	0.06e	0.12	0.11e
3	---	---	---	---	---	---	---	0.06	0.18	0.06e	0.12	0.11e
4	---	---	---	---	---	---	---	0.11	0.36	0.06e	0.12	0.12e
5	---	---	---	---	---	---	---	0.06	0.18	0.06e	0.06	0.13e
6	---	---	---	---	---	---	---	0.06	0.12	0.06e	0.06	0.13e
7	---	---	---	---	---	---	---	0.06	0.06	0.06e	0.06	0.14e
8	---	---	---	---	---	---	---	0.12	0.06	0.06e	0.06	0.15e
9	---	---	---	---	---	---	---	0.12	0.06	0.06e	0.06	0.15e
10	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.16e
11	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.17e
12	---	---	---	---	---	---	---	0.12	0.30	0.06	0.06	0.17e
13	---	---	---	---	---	---	---	0.12	0.18	0.06	0.12	0.18e
14	---	---	---	---	---	---	---	0.12	0.12	0.06	0.12	0.19e
15	---	---	---	---	---	---	---	0.12	0.12	0.06	0.12	0.19e
16	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.20e
17	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.21e
18	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.21e
19	---	---	---	---	---	---	---	0.12	0.12	0.06	0.06	0.22e
20	---	---	---	---	---	---	---	0.12	0.12	0.00	0.06	0.23e
21	---	---	---	---	---	---	---	0.12	0.12	0.00	0.06	0.23e
22	---	---	---	---	---	---	---	0.12	0.12	0.00	0.06	0.24
23	---	---	---	---	---	---	---	0.12	0.12e	0.00	0.12	0.24
24	---	---	---	---	---	---	---	0.12	0.12e	0.00	0.12	0.24
25	---	---	---	---	---	---	---	0.12	0.12e	0.06	0.06	0.24
26	---	---	---	---	---	---	---	0.12	0.12e	0.12	0.06	0.24
27	---	---	---	---	---	---	---	0.12	0.12e	0.06	0.07e	0.24
28	---	---	---	---	---	---	---	0.12	0.12e	0.06	0.07e	0.30
29	---	---	---	---	---	---	---	0.12	0.12e	0.06	0.08e	0.30
30	---	---	---	---	---	---	---	0.18	0.12e	0.06	0.09e	0.30
31	---	---	---	---	---	---	---	0.24	---	0.12	0.09e	---
TOTAL	0	0	0	0	0	0	0	3.53	4.07	1.74	2.5	5.84
MEAN	---	---	---	---	---	---	---	0.11	0.14	0.056	0.081	0.19
MAX	---	---	---	---	---	---	---	0.24	0.36	0.12	0.12	0.30
MIN	---	---	---	---	---	---	---	0.06	0.06	0.00	0.06	0.10
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	8.1	3.5	5.0	12

CAL YEAR 2004 MAX 0.47 MIN 0.000 AC-FT 23
WTR YEAR 2005 MAX 0.36 MIN 0.000 AC-FT 35

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River, 00147000

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	31e	---	---	---	---	0.00	0.00	52	43	53	54
2	54	27	---	---	---	---	0.00	0.00	64	49	59	52
3	49	21	---	---	---	---	0.00	0.00	60	53	61	50
4	50	22	---	---	---	---	0.00	0.00	38	77	62	53
5	51	19	---	---	---	---	0.00	0.00	46	56	61	58
6	44	18	---	---	---	---	0.00	0.00	54	55	57	53
7	36	17	---	---	---	---	0.00	0.00	40	62	55	56
8	37	18	---	---	---	---	0.00	0.00	45	97	52	58
9	35	17e	---	---	---	---	0.00	0.00	58	86	49	60
10	31	17e	---	---	---	---	0.00	0.00	0.00	70	45	61
11	32	17e	---	---	---	---	0.00	0.00	0.00	66	50	57
12	38	17e	---	---	---	---	0.00	0.00	0.00	65	59	59
13	37	17e	---	---	---	---	114	43	0.00	64	78	61
14	36	17e	---	---	---	---	102	73	5.3	63	81	61
15	43	17e	---	---	---	---	58	41	43	59	80	61
16	46	16	---	---	---	---	82	38	39	57	71	58
17	43e	16	---	---	---	---	86	54	35	57	61	57
18	40e	20	---	---	---	---	83	64	38	60	57	59
19	37e	10	---	---	---	---	84	62	43	61	67	62
20	34e	0.00	---	---	---	---	88	58	42	59	84	68
21	31e	0.00	---	---	---	---	86	51	44	59	90	69
22	28	0.00	---	---	---	---	89	47	44	59	93	74
23	27	0.00	---	---	---	---	78	44	43	58	94	61
24	25	0.00	---	---	---	---	75	39	44	58	90	19
25	21	0.00	---	---	---	---	66	37	44	64	82	20
26	19	0.00	---	---	---	---	102	34	43	84	72	21
27	15	0.00	---	---	---	---	101	31	44	81	69	0.00
28	13	0.00	---	---	---	0.00	66	31	47	69	68	0.00
29	9.8	0.00	---	---	---	0.00	0.00	30	46	62	64	18
30	18	0.00	---	---	---	0.00	0.00	31	44	57	55	35
31	22	---	---	---	---	0.00	---	43	---	56	53	---
TOTAL	1026.8	354	0	0	0	0	1360	851	1145.3	1966	2072	1475
MEAN	33.1	11.8	---	---	---	0.000	45.3	27.5	38.2	63.4	66.8	49.2
MAX	54	31	---	---	---	0.00	114	73	64	97	94	74
MIN	9.8	0.00	---	---	---	0.00	0.00	0.00	0.00	43	45	0.00
AC-FT	2037	702	0.00	0.00	0.00	0.00	2698	1688	2272	3900	4110	2926
CAL YEAR 2004	MAX	66.0	MIN	0.000	AC-FT	13800						
WTR YEAR 2005	MAX	114.0	MIN	0.000	AC-FT	20330						

e indicates estimated discharge.

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 1,640 cubic feet per second June 17, gage height 7.94 feet; minimum daily discharge 87 cubic feet per second November 13.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	95	94	99	97	100	101	125	202	153	340	134	124
2	90	89	100	99	101	102	124	175	254	325	132	130
3	91	92	102	96	102	101	123	178	272	349	130	126
4	92	93	102	95	101	101	123	196	306	332	152	122
5	92	94	101	90e	102	106	127	208	270	302	145	120
6	100	96	103	88e	101	108	119	213	239	297	140	125
7	100	96	101	88e	101	112	114	213	215	279	140	134
8	96	94	102	94e	104	114	114	213	194	256	140	135
9	95	96	108	100e	109	114	115	205	186	246	144	133
10	96	99	106	110e	104	114	124	199	231	243	144	139
11	97	89	107	118e	106	107	150	225	383	247	186	125
12	95	90	107	112e	110	110	149	335	517	245	184	115
13	93	87	99	110e	115	110	156	303	830	233	171	115
14	88	88	99	100e	112	110	165	270	995	215	152	117
15	95	91	104	106e	114	110	169	248	1020	202	152	107
16	96	96	104	108e	111	108	177	254	1210	195	168	102
17	95	98	102	110e	108	108	190	276	1570	184	171	94
18	98	119	102	112e	107	107	178	255	1550	176	167	93
19	101	110	100	114e	108	105	188	223	1410	170	157	94
20	100	97	103	116e	111	110	189	208	1200	163	148	92
21	100	95	98	110	109	141	264	207	1020	155	149	89
22	99	98	97	104	107	147	224	168	848	150	146	87
23	100	97	94	106	105	141	204	153	717	139	138	88
24	97	95	88e	102	104	139	190	153	589	133	141	89
25	97	98	96e	101	105	134	183	148	498	134	141	92
26	97	101	114	99	106	131	187	140	445	135	147	94
27	99	99	102	97	105	129	199	137	420	144	148	92
28	102	99	102	95	102	124	185	138	397	139	148	92
29	99	102	102	96	---	126	212	144	386	135	144	98
30	96	96	105	97	---	147	220	144	378	132	137	98
31	92	---	102	99	---	134	---	206	---	132	130	---
TOTAL	2983	2888	3151	3169	2970	3651	4987	6337	18703	6527	4626	3261
MEAN	96.2	96.3	101.6	102.2	106.1	117.8	166.2	204.4	623.4	210.5	149.2	108.7
MAX	102	119	114	118	115	147	264	335	1570	349	186	139
MIN	88	87	88	88	100	101	114	137	153	132	130	87
AC-FT	5917	5728	6250	6286	5891	7242	9892	12570	37100	12950	9176	6468
CAL YEAR 2004	TOTAL		39287	MEAN	107.3	MAX	206.0	MIN	63.0	AC-FT	77920	
WTR YEAR 2005	TOTAL		63253	MEAN	173.3	MAX	1570	MIN	87.0	AC-FT	125500	

e indicates estimated discharge.

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River, 00142000

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

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

PERIOD OF RECORD.--1941 - present

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

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	318	407	440	450	507	450	550	527	815	1690	1940	685
2	323	423	430	450	475	450	540	527	859	1810	1970	634
3	318	410	440	450	450	450	525	538	973	1890	1940	629
4	319	384	470	450	450	450	525	522	1270	2020	2030	632
5	322	400	450	450	450	450	510	550	1190	2170	1950	627
6	322	410	467	450	450	450	540	565	1070	2220	1910	550
7	329	410	440	350	450	440	500	560	880	2180	1890	531
8	338	400	412	374	450	450	475	526	815	2130	1890	435
9	342	410	445	400	472	460	450	529	731	2130	1900	486
10	327	410	445	450	542	460	440	508	572	2140	1790	405
11	316	410	450	451	519	450	525	500	1180	2220	2030	380
12	317	410	440	450	451	450	550	832	1440	2270	2220	370
13	315	410	450	425	475	450	525	778	1830	2280	2240	380
14	314	410	460	400	450	450	525	653	2070	2280	2150	400
15	319	410	455	375	485	450	525	526	2240	2280	2120	390
16	338	410	455	375	476	450	515	531	2300	2270	1980	385
17	320	450	450	434	440	450	500	514	2260	2270	1760	380
18	328	425	450	400	475	450	525	550	2220	2280	1600	380
19	357	430	455	450	475	450	550	500	2220	2270	1440	390
20	321	435	465	523	475	450	550	475	2220	2260	1310	365
21	324	440	460	529	475	575	853	450	2120	2280	1290	360
22	341	440	450	547	475	575	929	425	1950	2270	1270	340
23	386	450	450	512	475	575	827	390	1740	2270	1140	340
24	372	450	450	566	475	540	643	396	1720	2280	1080	340
25	330	450	450	550	475	536	615	390	1600	2270	1030	340
26	389	450	450	750	475	540	575	566	1560	2270	954	340
27	375	450	450	770	475	525	590	625	1480	2270	873	355
28	443	450	441	558	475	510	550	575	1450	2260	803	330
29	411	455	450	435	---	510	535	671	1420	2260	819	330
30	372	440	470	476	---	550	536	615	1720	2240	839	320
31	358	---	450	420	---	540	---	777	---	2120	716	---
TOTAL	10604	12739	13940	14670	13217	14986	16998	17091	45915	67850	48874	12829
MEAN	342.1	424.6	449.7	473.2	472.0	483.4	566.6	551.3	1530	2188	1576	427.6
MAX	443	455	470	770	542	575	929	832	2300	2280	2240	685
MIN	314	384	412	350	440	440	440	390	572	1690	716	320
AC-FT	21030	25270	27650	29100	26220	29720	33720	33900	91070	134600	96940	25450
CAL YEAR 2004	TOTAL		284048	MEAN	776.1	MAX	2240	MIN	299.0	AC-FT	563400	
WTR YEAR 2005	TOTAL		289713	MEAN	793.7	MAX	2300	MIN	314.0	AC-FT	574600	

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River, 00403700

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

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

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

STORAGE (ACFT), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5347	4912	4762	4812	4762	4212	5127	5237	5237	5677	5732	5292
2	5237	4962	4712	4562	4712	4262	4962	5182	5567	5732	5842	4962
3	5127	4912	4712	4562	4662	4312	4862	5072	5677	5732	5732	4962
4	5017	4862	4812	4262	4812	4262	4812	5072	5512	5787	5732	4862
5	4962	4812	5292	4612	4712	4512	4762	5072	5402	5732	5677	4812
6	4912	4712	5347	4462	4662	4612	4712	5017	5457	5677	5677	4762
7	5182	4712	5292	4362	4562	4712	4762	5017	5182	5567	5732	5017
8	4912	4612	5237	5127	4412	4812	4762	5017	5292	5457	5732	5072
9	4862	4712	5457	5237	4162	4862	4662	4962	5237	5512	5677	5072
10	4762	5017	5017	5072	4262	4862	4612	4862	5347	5677	5457	5072
11	4712	4812	4862	4912	4362	4862	4712	5182	5457	5787	5457	4912
12	4612	4862	4762	4812	4712	4762	4862	5622	5567	5842	5622	4812
13	4662	4812	4462	4962	4762	4762	4962	5127	5567	5952	5622	4662
14	4862	4762	4362	4862	4762	4812	4912	5237	5567	5897	5622	4662
15	5072	4712	4462	4712	4912	4712	4962	5182	5567	5787	5512	4712
16	5072	4712	4712	4662	5017	4662	5017	5127	5677	5677	5402	5237
17	5182	4762	4812	4412	4812	4562	5127	5017	5622	5512	5182	5127
18	5237	5017	4812	4662	4762	4512	5127	5072	5622	5512	4912	5017
19	5347	5127	4962	4812	4662	4512	5127	5127	5622	5567	4312	4962
20	5347	5127	4962	4962	5182	4512	5127	5072	5567	5622	4662	5072
21	5457	5072	4962	5017	4662	4712	5567	4912	5567	5732	4762	5182
22	5237	5127	4862	4962	4562	5072	5567	4812	5512	5787	5127	5237
23	5237	5072	4612	4812	4712	5182	5237	4662	5292	5732	5347	5292
24	5237	5072	4212	4612	4612	5347	5072	4512	5842	5787	5457	5292
25	5237	5127	4162	4862	4562	5182	5182	4312	5787	5787	5622	5237
26	5127	5127	4362	4912	4512	5127	5292	4662	5732	5732	5842	5237
27	5072	5072	4512	4712	4462	5017	5347	5127	5622	5842	5897	5182
28	5072	5292	4912	5182	4312	4962	5292	5072	5622	5787	5897	5182
29	5182	5402	5237	4862		4962	5182	5127	5622	5787	5842	5127
30	5017	5017	5182	4812		5182	5182	5182	5677	5787	5732	5182
31	5017		5017	4762		5182		5292		5787	5567	
MEAN	5075	4944	4834	4785	4645	4775	5030	5031	5534	5718	5496	5040
MAX	5457	5402	5457	5237	5182	5347	5567	5622	5842	5952	5897	5292
MIN	4612	4612	4162	4262	4162	4212	4612	4312	5182	5457	4312	4662
CAL YEAR 2004	MEAN	5189		MAX	6062	MIN	3534					
WTR YEAR 2005	MEAN	5078		MAX	5952	MIN	4162					

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 2005

	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	175	810	1070	231
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138	843	1110	119
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52	33	852	1120	77
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76	0.00	842	1100	84
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73	0.00	799	1090	124
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47	0.00	799	1090	126
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	819	1110	126
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	828	1130	82
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44	0.00	832	1130	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92	0.00	852	1130	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123	0.00	850	1090	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79	0.00	847	1030	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	838	958	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	761	934	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	737	948	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	733	945	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	754	935	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	767	906	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	12	48	0.00	773	879	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	34	76	0.00	769	875	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123	0.00	774	885	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148	13	784	936	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	94	780	945	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	173	156	769	902	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181	200	901	828	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	28	210	232	812	688	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	16	222	291	874	660	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210	385	862	634	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	198	491	888	634	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	198	677	962	575	0.00
31	0.00	---	0.00	0.00	---	0.00	---	182	---	1030	379	---
TOTAL	0	0	0	0	0	0	90	2717	2885	25541	28646	969
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	3.0	87.6	96.2	823.9	924.0	32.3
MAX	0.00	0.00	0.00	0.00	0.00	0.00	34	222	677	1030	1130	231
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	733	379	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	179	5389	5722	50660	56820	1922
CAL YEAR 2004	TOTAL		58167	MEAN	158.9	MAX	886.0	MIN	0.000	AC-FT	115400	
WTR YEAR 2005	TOTAL		60848	MEAN	166.7	MAX	1130	MIN	0.000	AC-FT	120700	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10790	10110	9515	8892	8295	7902	7437	6903	7268	11710	10370	9466
2	10730	10110	9466	8844	8295	7860	7437	6863	7437	11650	10320	9417
3	10730	10110	9466	8844	8250	7860	7395	6863	7691	11600	10260	9417
4	10630	10060	9466	8798	8250	7860	7395	6863	8028	11540	10210	9368
5	10630	10060	9417	8798	8250	7817	7353	6824	8384	11540	10160	9368
6	10630	10010	9417	8752	8206	7817	7353	6824	8706	11490	10160	9319
7	10630	10010	9368	8752	8206	7817	7310	6785	9034	11430	10110	9319
8	10580	9961	9368	8706	8206	7775	7310	6785	9272	11380	10060	9272
9	10580	9910	9368	8706	8162	7775	7268	6785	9515	11320	10010	9272
10	10580	9910	9319	8660	8162	7775	7268	6745	9711	11270	10010	9224
11	10630	9910	9319	8660	8162	7733	7226	6745	9910	11270	9961	9224
12	10630	9860	9319	8614	8117	7733	7226	6863	10110	11210	9961	9176
13	10580	9860	9319	8614	8117	7733	7184	7099	10260	11210	9910	9176
14	10580	9860	9272	8614	8117	7733	7184	7395	10470	11160	9910	9129
15	10580	9809	9272	8568	8072	7691	7141	7522	10630	11050	9860	9129
16	10520	9760	9272	8568	8072	7691	7141	7479	10840	11050	9809	9082
17	10470	9760	9224	8568	8072	7648	7099	7479	11050	11000	9809	9082
18	10420	9760	9224	8522	8028	7648	7099	7437	11270	11000	9809	9034
19	10420	9760	9176	8522	8028	7648	7099	7437	11380	10890	9760	9034
20	10420	9711	9176	8522	8028	7606	7060	7437	11490	10840	9760	8986
21	10420	9711	9129	8476	7984	7606	7060	7395	11490	10840	9711	8986
22	10420	9662	9129	8476	7984	7606	7020	7395	11490	10790	9711	8939
23	10370	9662	9082	8476	7984	7564	7020	7353	11490	10730	9662	8939
24	10370	9662	9082	8430	7939	7564	7020	7353	11540	10680	9662	8892
25	10320	9613	9034	8430	7939	7564	6981	7353	11540	10630	9613	8892
26	10320	9613	9034	8430	7939	7522	6981	7310	11540	10630	9613	8844
27	10260	9564	8986	8430	7902	7522	6942	7310	11820	10580	9564	8844
28	10260	9564	8986	8384	7902	7522	6942	7268	11820	10520	9564	8798
29	10210	9564	8939	8384	---	7479	6942	7268	11820	10470	9515	8798
30	10210	9515	8939	8340	---	7479	6903	7268	11710	10420	9515	8752
31	10160	---	8892	8340	---	7479	---	7226	---	10370	9466	---
MEAN	10490	9815	9225	8585	8095	7678	7160	7149	10290	11040	9865	9106
MAX	10790	10110	9515	8892	8295	7902	7437	7522	11820	11710	10370	9466
MIN	10160	9515	8892	8340	7902	7479	6903	6745	7268	10370	9466	8752
CAL YEAR 2004	MEAN	18890	MAX	36340	MIN	8892						
WTR YEAR 2005	MEAN	9049	MAX	11820	MIN	6745						

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River, 00403800

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

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

	STORAGE LEVEL			ELEVATION (feet)			CONTENT (acre-feet)					
Operating level				2620.0			46,935					
Minimum operating level				2590.9			0					
STORAGE (ACFT), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	31200	39350	40060	39350	40760	37940	41000	41230	40530	42690	41700	34380
2	31810	40060	40760	40290	40760	37940	40760	41470	41230	41000	40530	35040
3	32220	39590	40060	40290	40530	38180	40760	41470	42190	40530	39350	35480
4	32630	40060	38880	40760	39820	38180	41000	41470	41700	40530	39590	35700
5	33280	39590	40060	39590	39350	38180	40760	41940	41700	40530	38180	36360
6	33940	40290	39120	40290	39820	37940	41470	41700	41470	40760	38180	36800
7	34380	40760	38880	39120	39350	37710	41000	42190	41230	40290	37020	37240
8	35040	40530	39120	39350	38880	37710	40530	41940	41230	40290	36360	37470
9	35480	41000	40060	39820	39120	37710	40290	41700	41000	40060	35920	37710
10	35920	40290	40530	38880	39120	37470	40290	41470	41470	39350	35260	37940
11	37240	40530	40290	39350	38880	37240	40290	42440	40760	38880	35040	38410
12	37940	39820	40530	39820	38880	37240	40060	41470	41000	38650	34820	38880
13	37940	40290	40290	39590	38650	36800	40060	41470	41700	38880	34600	39350
14	38650	40760	40060	37940	38650	37020	40060	41000	40530	38880	34820	39590
15	37940	41230	40760	38650	38880	37710	40060	41470	40760	38880	34820	40060
16	38410	41230	40060	39350	38410	37940	39820	41700	40760	39590	34820	39590
17	39350	41470	39350	38880	38180	38180	39820	41700	40760	40290	35700	39820
18	39120	41230	40060	39820	38410	37710	40060	42440	40760	40290	35920	40060
19	38650	40760	40530	39820	38410	37710	40060	42440	40530	39590	35480	39820
20	38880	40530	40530	40060	38180	37470	40760	42190	40760	40290	35480	40060
21	38650	40530	40060	39350	38410	38880	40760	42190	41230	39590	35260	40290
22	37940	39820	39820	40290	38180	39820	41230	41940	41940	39120	34820	40530
23	38410	40290	38880	41230	38880	40530	41230	41230	42440	39590	34820	39590
24	38650	39820	38650	41230	38410	41230	41000	41470	42190	39590	34600	40060
25	37940	40530	39350	41230	38410	40760	41230	40530	42940	39820	34160	40060
26	38180	39820	39590	40060	38410	41000	41470	40530	43690	40290	34600	39590
27	38880	40530	39590	40290	38180	41470	41940	39820	43940	41000	34380	39820
28	39590	39590	38180	40060	38180	40760	41470	39820	43690	41230	34600	38880
29	38880	40530	37240	40760	---	41230	41470	39820	43690	41700	34160	39350
30	39590	40760	37710	40760	---	41700	41230	39590	42690	41700	33940	38880
31	40060	---	38650	40060	---	41230	---	40290	---	41940	33940	---
MEAN	36990	40380	39600	39880	38930	38790	40730	41360	41680	40190	35890	38560
MAX	40060	41470	40760	41230	40760	41700	41940	42440	43940	42690	41700	40530
MIN	31200	39350	37240	37940	38180	36800	39820	39590	40530	38650	33940	34380
CAL YEAR 2004	MEAN	39530	MAX	44940	MIN	17620						
WTR YEAR 2005	MEAN	39410	MAX	43940	MIN	31200						

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 2005

	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	80	218	550	545	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139	106	528	556	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165	162	450	556	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131	143	453	539	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113	193	467	525	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100	194	551	545	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100	151	499	537	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105	204	553	509	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112	303	535	487	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141	216	532	486	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139	200	499	543	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	212	525	513	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68	207	536	523	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71	198	553	505	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68	246	602	505	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90	261	559	521	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85	214	554	467	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	15	53	246	542	307	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	52	90	243	545	299	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	120	103	233	566	298	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	163	91	269	543	287	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	160	80	337	558	203	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	226	95	278	558	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	170	109	281	533	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	170	112	270	497	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	161	108	336	487	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	162	119	285	503	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	148	114	416	526	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	93	114	494	531	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	106	114	557	546	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	111	---	545	0.00	---
TOTAL	0	0	0	0	0	0	1746	3133	7673	16426	10256	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	58.2	101.1	255.8	529.9	330.8	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	226	165	557	602	556	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	106	450	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	3463	6214	15220	32580	20340	0.00
CAL YEAR 2004	MAX	884.0	MIN	0.000	AC-FT	121200						
WTR YEAR 2005	MAX	602.0	MIN	0.000	AC-FT	77820						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	417	561	0.00	433	349	418	231	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	423	282	413	176	0.00	0.00	0.00	0.00
3	0.00	417	628	557	417	288	414	60	362	0.00	0.00	0.00
4	0.00	0.00	550	0.00	417	376	451	93	643	0.00	0.00	0.00
5	0.00	417	0.00	560	369	346	208	26	722	0.00	0.00	0.00
6	0.00	0.00	559	0.00	344	362	237	75	515	0.00	0.00	0.00
7	0.00	0.00	549	595	428	352	433	37	429	0.00	0.00	0.00
8	0.00	409	0.00	0.00	414	281	422	79	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	349	275	411	253	0.00	0.00	0.00	0.00
10	0.00	685	289	563	362	324	358	39	5.0	0.00	0.00	0.00
11	0.00	0.00	284	0.00	345	251	415	0.00	359	0.00	0.00	0.00
12	0.00	686	283	552	363	139	353	623	305	0.00	0.00	0.00
13	0.00	0.00	580	556	200	287	347	475	620	0.00	0.00	0.00
14	0.00	0.00	570	574	341	283	345	207	1180	0.00	0.00	0.00
15	568	0.00	0.00	0.00	344	148	344	22	1290	0.00	0.00	0.00
16	0.00	282	557	0.00	345	152	346	0.00	1260	0.00	0.00	351
17	0.00	286	548	568	449	349	275	0.00	1390	0.00	0.00	0.00
18	567	284	0.00	0.00	347	290	267	234	1330	0.00	0.00	0.00
19	280	686	0.00	555	360	328	228	248	1320	0.00	0.00	577
20	275	428	550	0.00	356	274	0.00	0.00	1320	0.00	0.00	0.00
21	0.00	291	596	557	346	0.00	0.00	0.00	1200	0.00	0.00	0.00
22	421	282	556	0.00	354	0.00	0.00	0.00	1010	0.00	0.00	0.00
23	0.00	271	574	0.00	342	0.00	334	0.00	787	0.00	0.00	361
24	0.00	282	0.00	437	346	207	377	0.00	568	0.00	0.00	0.00
25	411	284	0.00	506	344	421	102	0.00	299	0.00	0.00	0.00
26	0.00	272	0.00	561	345	356	0.00	0.00	442	0.00	0.00	344
27	0.00	0.00	551	557	349	353	0.00	0.00	250	0.00	0.00	0.00
28	0.00	427	578	563	380	343	214	0.00	0.00	0.00	0.00	408
29	411	423	550	415	---	343	275	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	483	---	345	229	0.00	0.00	0.00	0.00	349
31	0.00	---	0.00	417	---	411	---	0.00	---	0.00	0.00	---
TOTAL	2933	7529	9913	9576	10212	8515	8216	2878	17606	0	0	2390
MEAN	94.6	251.0	319.8	308.9	364.7	274.7	273.9	92.8	586.3	0.000	0.000	79.7
MAX	568	686	628	595	449	421	451	623	1390	0.00	0.00	577
MIN	0.00	0.00	0.00	0.00	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	5818	14930	19660	18990	20260	16890	16300	5708	34920	0.00	0.00	4740
CAL YEAR 2004	TOTAL		48796	MEAN	133.3	MAX	907.0	MIN	0.000	AC-FT	96790	
WTR YEAR 2005	TOTAL		79768	MEAN	218.5	MAX	1390	MIN	0.000	AC-FT	158200	

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 to present

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 942 cubic feet per second June 19, gage height 6.32 feet; minimum daily discharge 35 cubic feet per second September 3 - 5.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	47	52	58	57	65	56	89	63	63	55	48	39
2	45	50	54	55	65	61	81	60	101	53	46	37
3	46	50	54	55	65	62	71	58	180	52	46	35
4	44	51	64	46	64	61	67	58	233	51	59	35
5	45	51	77	42e	63	61	65	58	245	53	47	35
6	51	49	85	45e	63	61	61	58	201	51	44	36
7	50	47	77	50e	57	60	58	60	166	49	42	54
8	48	48	75	54e	47	58	58	60	132	47	43	74
9	43	50	75	60e	51	56	58	60	109	44	42	60
10	42	51	74	64e	50	58	59	59	100e	42	42	55
11	41	48	75	64e	51	57	62	66	100e	50	52	55
12	40	48	75	66e	55	57	62	89	102e	57	49	56
13	39	45	65	68e	59	52	62	93	102e	112	84	46
14	36	46	60	62e	60	49	61	88	104e	196	59	43
15	39	47	62	64e	59	49	60	81	200e	207	56	42
16	38	49	59	64e	54	49	58	76	354	199	54	41
17	38	53	58	64e	53	50	57	70	535	203	57	38
18	45	70	59	64e	55	51	55	65	685	212	54	40
19	53	68	59	66e	57	46	53	62	624	223	52	43
20	51	68	58	66e	59	49	51	60	469	233	48	42
21	54	68	55	65	62	67	88	57	303	213	47	41
22	54	66	51	56	60	79	144	54	188	211	47	37
23	55	62	53	67	60	98	120	53	129	246	49	37
24	52	59	44	72	60	102	108	54	94	273	49	40
25	53	60	48	70	61	92	96	51	83	310	47	42
26	54	60	48	70	60	80	85	48	79	350	46	43
27	57	57	49	71	61	72	76	47	68	394	42	42
28	62	59	54	67	59	68	71	46	63	384	40	39
29	60	59	56	65	---	68	68	50	62	243	41	38
30	63	41	61	62	---	83	66	53	58	122	43	39
31	52	---	61	63	---	85	---	63	---	56	43	---
TOTAL	1497	1632	1903	1904	1635	1997	2170	1920	5932	4991	1518	1304
MEAN	48.3	54.4	61.4	61.4	58.4	64.4	72.3	61.9	197.7	161.0	49.0	43.5
MAX	63	70	85	72	65	102	144	93	685	394	84	74
MIN	36	41	44	42	47	46	51	46	58	42	40	35
AC-FT	2969	3237	3775	3777	3243	3961	4304	3808	11770	9900	3011	2586
CAL YEAR 2004	TOTAL		24351	MEAN	66.5	MAX	978.0	MIN	25.0	AC-FT	48300	
WTR YEAR 2005	TOTAL		28403	MEAN	77.8	MAX	685.0	MIN	35.0	AC-FT	56340	

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 1,420 cubic feet per second June 19, combined channel flow; minimum daily discharge 55 cubic feet per second on August 3 & September 23, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	69	87	98e	110	127	110	178	128	140	101	68	68
2	67	85	108e	106	126	112	164	124	190	97	58	65
3	71	85	118e	111	125	111	150	122	625	92	55	62
4	67	86	128	93e	126	110	142	120	927	92	96	59
5	65	85	124	70e	125	109	137	118	910	102	79	58
6	74	85	132	82e	123	111	130	116	692	96	69	56
7	83	84	128	92e	117	108	126	114	475	91	67	60
8	80	84	126	95e	117	108	123	114	343	88	62	71
9	76	87	125	98e	118	107	121	113	273	83	59	69
10	76	85	122	101e	119	107	120	110	237	81	61	61
11	75	82	122	105e	115	105	129	121	243	92	79	58
12	77	83	117e	107e	118	105	125	289	228	93	92	67
13	75	82	107e	109e	127	103	123	334	222	107	104	61
14	73	83	103e	108e	124	100	125	239	217	196	98	56
15	76	85	108	116e	122	99	124	185	268	257	91	55
16	78	86	107	124e	119	99	123	160	420	243	88	58
17	77	89	106	130e	118	101	123	142	578	235	97	55
18	80	112	107	146	117	101	121	129	960	236	123	56
19	86	116	104	147	120	100	120	121	1010	244	107	58
20	83	112	107	162	121	105	118	113	745	249	95	58
21	85	109	102	177	125	140	155	107	510	245	92	56
22	89	108	98	153	121	167	220	101	303	222	94	56
23	87	104	79e	152	120	189	220	97	220	251	93	55
24	85	104	90e	183	118	190	192	100	169	275	90	58
25	84	104	97e	153	118	176	176	98	151	309	86	61
26	85	105	112	136	117	166	159	96	147	370	83	63
27	87	104	112	131	116	154	146	95	127	404	79	60
28	91	105	120	135	111	149	142	92	126	462	74	57
29	91	104e	123	126	---	145	139	97	113	352	72	57
30	93	87e	120	125	---	189	133	110	106	191	70	57
31	91	---	116	125	---	195	---	138	---	94	67	---
TOTAL	2476	2817	3466	3808	3370	3971	4304	4143	11675	6050	2548	1791
MEAN	79.9	93.9	111.8	122.8	120.4	128.1	143.5	133.6	389.2	195.2	82.2	59.7
MAX	93	116	132	183	127	195	220	334	1010	462	123	71
MIN	65	82	79	70	111	99	118	92	106	81	55	55
AC-FT	4911	5587	6875	7553	6684	7876	8537	8218	23160	12000	5054	3552
CAL YEAR 2004	TOTAL		40614	MEAN	111.0	MAX	1070	MIN	36.0	AC-FT	80560	
WTR YEAR 2005	TOTAL		50419	MEAN	138.1	MAX	1010	MIN	55.0	AC-FT	100000	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	74	166	176	0.00
2	---	---	---	---	---	---	0.00	0.00	59	177	177	0.00
3	---	---	---	---	---	---	0.00	0.00	43	177	177	0.00
4	---	---	---	---	---	---	0.00	0.00	25	186	177	0.00
5	---	---	---	---	---	---	0.00	0.00	28	190	177	0.00
6	---	---	---	---	---	---	0.00	0.00	68	190	177	0.00
7	---	---	---	---	---	---	0.00	0.00	80	190	177	0.00
8	---	---	---	---	---	---	0.00	0.00	74	190	178	0.00
9	---	---	---	---	---	---	0.00	0.00	74	190	178	0.00
10	---	---	---	---	---	---	0.00	0.00	74	191	179	0.00
11	---	---	---	---	---	---	0.00	0.00	75	187	173	0.00
12	---	---	---	---	---	---	0.00	0.00	75	176	162	0.00
13	---	---	---	---	---	---	0.00	0.00	74	176	150	0.00
14	---	---	---	---	---	---	0.00	0.00	75	176	150	0.00
15	---	---	---	---	---	---	0.00	0.00	80	176	161	---
16	---	---	---	---	---	---	0.00	0.00	94	174	165	---
17	---	---	---	---	---	---	0.00	0.00	95	174	152	---
18	---	---	---	---	---	---	0.00	0.00	95	179	132	---
19	---	---	---	---	---	---	0.00	0.00	95	180	122	---
20	---	---	---	---	---	---	0.00	0.00	95	174	120	---
21	---	---	---	---	---	---	0.00	49	95	174	126	---
22	---	---	---	---	---	---	0.00	74	95	175	135	---
23	---	---	---	---	---	---	0.00	74	95	174	135	---
24	---	---	---	---	---	---	0.00	74	95	174	135	---
25	---	---	---	---	---	---	0.00	74	97	175	135	---
26	---	---	---	---	---	---	0.00	74	102	175	125	---
27	---	---	---	---	---	---	0.00	74	102	175	120	---
28	---	---	---	---	---	---	0.00	74	103	175	120	---
29	---	---	---	---	---	---	0.00	74	117	174	119	---
30	---	---	---	---	---	---	0.00	74	139	175	119	---
31	---	---	---	---	---	0.00	---	75	---	175	35	---
TOTAL	0	0	0	0	0	0	0	790	2492	5540	4564	0
MEAN	---	---	---	---	---	0.000	0.000	25.5	83.1	178.7	147.2	0.000
MAX	---	---	---	---	---	0.00	0.00	75	139	191	179	0.00
MIN	---	---	---	---	---	0.00	0.00	0.00	25	166	35	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1567	4943	10990	9053	0.00
CAL YEAR 2004	MAX	137.0	MIN	0.000	AC-FT	22000						
WTR YEAR 2005	MAX	191.0	MIN	0.000	AC-FT	26550						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	86	85	299	316	182
2	---	---	---	---	---	---	---	87	88	303	318	77
3	---	---	---	---	---	---	---	87	93	303	319	0.00
4	---	---	---	---	---	---	---	88	91	303	319	0.00
5	---	---	---	---	---	---	---	87	90	302	319	0.00
6	---	---	---	---	---	---	---	87	89	303	319	0.00
7	---	---	---	---	---	---	---	87	90	303	320	0.00
8	---	---	---	---	---	---	---	87	92	300	320	0.00
9	---	---	---	---	---	---	---	87	94	303	322	0.00
10	---	---	---	---	---	---	---	86	94	305	321	0.00
11	---	---	---	---	---	---	---	89	96	302	315	0.00
12	---	---	---	---	---	---	---	91	96	302	301	0.00
13	---	---	---	---	---	---	---	89	96	305	284	0.00
14	---	---	---	---	---	---	0.00	88	94	304	283	0.00
15	---	---	---	---	---	---	0.00	88	94	304	282	0.00
16	---	---	---	---	---	---	0.00	88	94	303	281	0.00
17	---	---	---	---	---	---	0.00	87	94	302	269	0.00
18	---	---	---	---	---	---	0.00	87	95	303	227	0.00
19	---	---	---	---	---	---	17	87	101	302	228	0.00
20	---	---	---	---	---	---	102	87	100	310	227	0.00
21	---	---	---	---	---	---	86	87	100	317	227	0.00
22	---	---	---	---	---	---	85	87	99	316	239	0.00
23	---	---	---	---	---	---	85	87	114	318	252	0.00
24	---	---	---	---	---	---	85	87	124	317	251	0.00
25	---	---	---	---	---	---	85	87	131	314	240	0.00
26	---	---	---	---	---	---	135	87	131	310	230	0.00
27	---	---	---	---	---	---	105	86	130	310	230	0.00
28	---	---	---	---	---	---	86	85	146	309	229	---
29	---	---	---	---	---	---	86	86	194	309	230	---
30	---	---	---	---	---	---	86	86	251	318	214	---
31	---	---	---	---	---	---	---	86	---	317	191	---
TOTAL	0	0	0	0	0	0	1043	2701	3286	9516	8423	259
MEAN	---	---	---	---	---	---	61.4	87.1	109.5	307.0	271.7	9.6
MAX	---	---	---	---	---	---	135	91	251	318	322	182
MIN	---	---	---	---	---	---	0.00	85	85	299	191	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2069	5357	6518	18870	16710	514
CAL YEAR 2004	MAX	302.0	MIN	0.000	AC-FT	51380						
WTR YEAR 2005	MAX	322.0	MIN	0.000	AC-FT	50040						

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 2005

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

NO WATER SUPPLIED IN 2005.

CAL YEAR 2004 MAX 29.0 MIN 0.000 AC-FT 2327
 WTR YEAR 2005

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	6.5	14	14	10
2	---	---	---	---	---	---	0.00	0.00	6.9	15	17	10
3	---	---	---	---	---	---	0.00	0.00	3.9	15	19	10
4	---	---	---	---	---	---	0.00	0.00	0.00	15	19	10
5	---	---	---	---	---	---	0.00	0.00	0.00	16	20	10
6	---	---	---	---	---	---	0.00	0.00	0.00	16	20	8.1
7	---	---	---	---	---	---	0.00	0.00	0.00	16	19	0.51
8	---	---	---	---	---	---	0.00	0.00	0.00	16	17	0.27
9	---	---	---	---	---	---	0.00	0.00	0.00	16	12	0.00
10	---	---	---	---	---	---	0.00	0.04	0.00	16	12	0.00
11	---	---	---	---	---	---	0.00	6.7	0.00	16	12	0.00
12	---	---	---	---	---	---	0.00	4.5	0.00	16	14	0.00
13	---	---	---	---	---	---	0.00	4.9	0.00	16	12	0.00
14	---	---	---	---	---	---	0.00	6.5	0.00	15	12	0.00
15	---	---	---	---	---	---	0.00	6.4	0.00	13	12	0.00
16	---	---	---	---	---	---	0.00	6.3	0.00	11	16	0.00
17	---	---	---	---	---	---	0.00	6.2	0.00	11	16	0.00
18	---	---	---	---	---	---	0.00	6.1	0.00	11	16	0.00
19	---	---	---	---	---	---	0.00	5.9	0.00	11	11	0.00
20	---	---	---	---	---	---	0.00	5.9	0.00	11	6.8	0.00
21	---	---	---	---	---	---	0.00	5.9	0.00	12	6.7	0.00
22	---	---	---	---	---	---	0.00	5.8	0.00	12	6.7	0.00
23	---	---	---	---	---	---	0.00	5.8	0.00	12	6.8	0.00
24	---	---	---	---	---	---	0.00	5.8	0.00	12	8.0	0.00
25	---	---	---	---	---	---	0.00	6.0	2.3	13	11	0.00
26	---	---	---	---	---	---	0.00	6.0	6.0	16	11	0.00
27	---	---	---	---	---	---	0.00	6.1	6.5	17	11	0.00
28	---	---	---	---	---	---	0.00	6.1	7.0	17	11	---
29	---	---	---	---	---	---	0.00	6.1	8.8	17	11	---
30	---	---	---	---	---	---	0.00	6.2	13	17	11	---
31	---	---	---	---	---	0.00	---	6.6	---	15	11	---
TOTAL	0	0	0	0	0	0	0	125.84	60.9	446	402	58.88
MEAN	---	---	---	---	---	0.000	0.000	4.1	2.0	14.4	13.0	2.2
MAX	---	---	---	---	---	0.00	0.00	6.7	13	17	20	10
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	11	6.7	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250	121	885	797	117
CAL YEAR 2004	MAX	20.0	MIN	0.000	AC-FT	2646						
WTR YEAR 2005	MAX	20.0	MIN	0.000	AC-FT	2169						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	57	113	131	0.00
2	---	---	---	---	---	---	0.00	0.00	57	132	130	0.00
3	---	---	---	---	---	---	0.00	29	21	131	131	0.00
4	---	---	---	---	---	---	0.00	42	18	133	130	0.00
5	---	---	---	---	---	---	0.00	43	48	134	129	0.00
6	---	---	---	---	---	---	0.00	28	58	131	128	0.00
7	---	---	---	---	---	---	0.00	0.00	58	131	128	0.00
8	---	---	---	---	---	---	0.00	0.00	59	131	126	---
9	---	---	---	---	---	---	0.00	13	60	130	124	---
10	---	---	---	---	---	---	0.00	46	60	131	125	---
11	---	---	---	---	---	---	0.00	46	61	131	124	---
12	---	---	---	---	---	---	0.00	45	62	131	123	---
13	---	---	---	---	---	---	0.00	45	62	130	122	---
14	---	---	---	---	---	---	0.00	45	62	130	123	---
15	---	---	---	---	---	---	0.00	45	61	131	119	---
16	---	---	---	---	---	---	0.00	45	62	131	113	---
17	---	---	---	---	---	---	0.00	45	61	130	114	---
18	---	---	---	---	---	---	0.00	44	61	131	114	---
19	---	---	---	---	---	---	0.00	44	63	132	114	---
20	---	---	---	---	---	---	0.00	44	63	134	115	---
21	---	---	---	---	---	---	0.00	44	63	133	117	---
22	---	---	---	---	---	---	0.00	44	62	128	119	---
23	---	---	---	---	---	---	0.00	44	62	128	119	---
24	---	---	---	---	---	---	0.00	44	62	126	113	---
25	---	---	---	---	---	---	0.00	44	62	124	97	---
26	---	---	---	---	---	---	0.00	44	61	125	32	---
27	---	---	---	---	---	---	0.00	44	61	133	0.00	---
28	---	---	---	---	---	---	0.00	44	61	132	0.00	---
29	---	---	---	---	---	---	0.00	44	61	130	0.00	---
30	---	---	---	---	---	---	0.00	44	90	131	0.00	---
31	---	---	---	---	---	0.00	---	50	---	131	0.00	---
TOTAL	0	0	0	0	0	0	0	1139	1759	4029	3060	0
MEAN	---	---	---	---	---	0.000	0.000	36.7	58.6	130.0	98.7	0.000
MAX	---	---	---	---	---	0.00	0.00	50	90	134	131	0.00
MIN	---	---	---	---	---	0.00	0.00	0.00	18	113	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2259	3489	7991	6069	0.00
CAL YEAR 2004	MAX	91.0	MIN	0.000	AC-FT	14890						
WTR YEAR 2005	MAX	134.0	MIN	0.000	AC-FT	19810						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	0.00	0.00	31	40	6.5
2	---	---	---	---	---	---	0.00	0.00	0.00	31	42	2.5
3	---	---	---	---	---	---	0.00	0.00	0.00	32	44	1.4
4	---	---	---	---	---	---	0.00	0.00	0.00	34	45	0.02
5	---	---	---	---	---	---	0.00	0.00	0.00	34	44	0.00
6	---	---	---	---	---	---	0.00	0.00	0.00	34	45	0.00
7	---	---	---	---	---	---	0.00	0.00	0.00	35	45	0.00
8	---	---	---	---	---	---	0.00	0.00	0.00	40	44	0.00
9	---	---	---	---	---	---	0.00	0.00	0.00	41	44	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	39	44	0.00
11	---	---	---	---	---	---	0.00	0.00	9.5	40	43	0.00
12	---	---	---	---	---	---	0.00	0.00	17	42	41	0.00
13	---	---	---	---	---	---	0.00	0.00	20	43	39	0.00
14	---	---	---	---	---	---	0.00	0.00	22	43	41	0.00
15	---	---	---	---	---	---	0.00	0.00	15	44	41	0.00
16	---	---	---	---	---	---	0.00	0.00	5.7	45	38	0.00
17	---	---	---	---	---	---	0.00	0.00	12	45	37	0.00
18	---	---	---	---	---	---	0.00	0.00	19	45	35	0.00
19	---	---	---	---	---	---	0.00	0.00	20	46	32	0.00
20	---	---	---	---	---	---	0.00	0.00	22	45	33	0.00
21	---	---	---	---	---	---	0.00	0.00	22	44	34	0.00
22	---	---	---	---	---	---	0.00	0.00	24	43	35	0.00
23	---	---	---	---	---	---	0.00	0.00	21	44	35	0.00
24	---	---	---	---	---	---	0.00	0.00	20	44	35	0.00
25	---	---	---	---	---	---	0.00	4.5	22	43	38	0.00
26	---	---	---	---	---	---	0.00	18	23	43	39	0.00
27	---	---	---	---	---	---	0.00	19	25	42	39	0.00
28	---	---	---	---	---	---	0.00	9.0	27	41	38	---
29	---	---	---	---	---	---	0.00	0.00	28	42	34	---
30	---	---	---	---	---	---	0.00	0.00	30	42	29	---
31	---	---	---	---	---	0.00	---	0.00	---	40	18	---
TOTAL	0	0	0	0	0	0	0	50.5	404.2	1257	1191	10.42
MEAN	---	---	---	---	---	0.000	0.000	1.6	13.5	40.5	38.4	0.39
MAX	---	---	---	---	---	0.00	0.00	19	30	46	45	6.5
MIN	---	---	---	---	---	0.00	0.00	0.00	0.00	31	18	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100	802	2493	2362	21
CAL YEAR 2004	MAX	34.0	MIN	0.000	AC-FT	4604						
WTR YEAR 2005	MAX	46.0	MIN	0.000	AC-FT	5778						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	109	139	321	422	190
2	---	---	---	---	---	---	---	108	140	351	421	170
3	---	---	---	---	---	---	---	106	143	379	423	164
4	---	---	---	---	---	---	---	108	142	388	422	162
5	---	---	---	---	---	---	---	109	141	393	423	170
6	---	---	---	---	---	---	---	108	140	406	423	182
7	---	---	---	---	---	---	---	107	139	420	423	185
8	---	---	---	---	---	---	---	107	142	420	422	165
9	---	---	---	---	---	---	---	107	143	418	421	46
10	---	---	---	---	---	---	---	107	142	405	422	0.00
11	---	---	---	---	---	---	0.00	123	142	414	421	0.00
12	---	---	---	---	---	---	0.00	134	144	421	423	0.00
13	---	---	---	---	---	---	0.00	118	143	423	410	0.00
14	---	---	---	---	---	---	0.00	118	141	422	402	0.00
15	---	---	---	---	---	---	0.00	118	140	412	403	0.00
16	---	---	---	---	---	---	0.00	118	145	414	402	0.00
17	---	---	---	---	---	---	0.00	117	146	400	389	0.00
18	---	---	---	---	---	---	0.00	117	148	421	380	0.00
19	---	---	---	---	---	---	0.00	115	146	423	381	0.00
20	---	---	---	---	---	---	0.00	113	144	423	382	0.00
21	---	---	---	---	---	---	0.00	116	154	422	381	0.00
22	---	---	---	---	---	---	0.00	110	173	421	383	0.00
23	---	---	---	---	---	---	0.00	107	175	422	384	0.00
24	---	---	---	---	---	---	0.68	105	165	422	375	0.00
25	---	---	---	---	---	---	7.6	111	153	423	365	0.00
26	---	---	---	---	---	---	63	93	159	421	354	0.00
27	---	---	---	---	---	---	109	118	150	417	336	0.00
28	---	---	---	---	---	---	109	128	176	423	327	---
29	---	---	---	---	---	---	109	128	230	422	326	---
30	---	---	---	---	---	---	109	133	257	419	290	---
31	---	---	---	---	---	---	---	139	---	419	218	---
TOTAL	0	0	0	0	0	0	507.28	3555	4642	12705	11954	1434
MEAN	---	---	---	---	---	---	25.4	114.7	154.7	409.8	385.6	53.1
MAX	---	---	---	---	---	---	109	139	257	423	423	190
MIN	---	---	---	---	---	---	0.00	93	139	321	218	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1006	7051	9207	25200	23710	2844
CAL YEAR 2004	MAX	420.0	MIN	0.000	AC-FT	67340						
WTR YEAR 2005	MAX	423.0	MIN	0.000	AC-FT	69020						

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 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 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 1,090 cubic feet per second June 5, combined channel flow; minimum daily discharge 12 cubic feet per second June 15 & July 27, 31, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	155	134	116e	158	199	177	339	38	42	23	13	29
2	122	131	144e	141	192	180	316	30	73	28	14	18
3	145	131	152e	146	189	179	294	22	387	35	16	17
4	131	130	175e	159	201	175	276	29	777	53	39	17
5	130	126	191e	88e	208	170	264	34	847	93	30	17
6	139	127	197e	90e	206	168	242	32	644	46	20	16
7	152	136	186	120e	195	166	227	44	402	22	17	69
8	141	141	180	150e	180	159	216	25	258	16	24	55
9	137	139	177	164	171	158	213	23	151	15	28	167
10	145	136	174	159	184	170	218	21	105	13	59	147
11	152	130	172	157	187	169	229	33	68	13	80	136e
12	151	127	167	157	188	171	231e	257	44	24	120	129e
13	144	128	167	160e	203	165	217	283	33	18	171	126e
14	134	131	162	155e	194	162	218	220	20	16	156	120e
15	133	136	170	150e	191	160	215	147	12	14	134	112
16	127	137	175	145e	187	157	157	104	19	14	116	108
17	131	139	165	145e	181	156	195	81	56	15	119	104
18	137	172	161	157	180	154	195	58	124	19	173	106
19	141	179	157	167	174	153	156	35	299	26	134	109
20	143	171	157	181	186	147	159	36	315	38	97	105
21	142	175	159	207	201	233	211	37	205	19	74	100
22	139	173	143	198	202	295	232	31	90	21	54	97
23	136	170	120e	180	195	309	276	24	24	17	76	95
24	141	167	80e	193	189	321	252	22	13	25	86	98
25	142	163	109	244	186	312	241	21	13	37	64	105
26	143	162	140	254	183	292	119	19	14	33	82	112
27	144	161	152	229	173	276	58	28	13	12	77	105
28	149	158	167	202	171	258	60	31	20	14	43	96
29	144	151e	177	222	---	249	50	33	19	20	20	85
30	134	126e	194	218	---	326	42	33	15	16	42	85
31	131	---	173	208	---	346	---	57	---	12	51	---
TOTAL	4335	4387	4959	5304	5296	6513	6118	1888	5102	767	2229	2685
MEAN	139.8	146.2	160.0	171.1	189.1	210.1	203.9	60.9	170.1	24.7	71.9	89.5
MAX	155	179	197	254	208	346	339	283	847	93	173	167
MIN	122	126	80	88	171	147	42	19	12	12	13	16
AC-FT	8598	8701	9836	10520	10500	12920	12130	3745	10120	1521	4421	5326
CAL YEAR 2004	TOTAL		41091	MEAN	112.3	MAX	253.0	MIN	6.0	AC-FT	81500	
WTR YEAR 2005	TOTAL		49583	MEAN	135.8	MAX	847.0	MIN	12.0	AC-FT	98350	

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 good, except estimated records are poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 335 cubic feet per second June 3, gage height 10.36 feet; minimum daily discharge 2.7 cubic feet per second August 8.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.8	9.4	10e	11	12e	11	16	17	14	9.1	4.7	4.8
2	9.2	9.3	10e	11e	12	11	14	14	28	8.6	3.6	4.7
3	8.9	9.2	10e	11e	12	11	13	11	166	9.7	5.3	4.4
4	8.6	9.3	11	11e	12	11	13	12	178	11	4.3	4.5
5	8.4	9.5	11e	10e	12	11	13	12	97	9.5	5.4	15
6	8.2	9.5	11	10e	12	11	14	12	46	8.8	3.4	12
7	8.5	9.6	11	10e	12	11	13	12	23	8.0	4.1	5.5
8	9.3	9.4	11	11e	12	11	12	12	13	8.5	2.7	5.4
9	9.0	9.4	11	12	12e	11	12	12	11	6.9	3.4	5.8
10	8.7	9.9	11	12	12e	10	13	11	38	7.2	7.8	5.5
11	8.7	10	11	12	12e	10	13	12	22	7.1	8.3	4.9
12	8.7	10	11	12	12	11	14	45	13	7.0	6.9	4.5
13	8.8	9.7	11	12	14	11	13	65	11	9.3	8.1	4.6
14	8.6	9.4	9.0e	6.0e	14	10	12	25	11	9.0	5.8	4.6
15	9.2	9.3	10e	6.0e	13	10	12	17	10	8.6	3.5	4.8
16	9.6	9.3	11	6.8e	13	10	12	16	10	8.1	3.6	4.8
17	10	9.7	11	7.0e	12	10	12	15	10	8.2	6.4	4.9
18	9.8	11	11	7.8e	12	11	12	14	10	6.3	33	5.2
19	9.6	14	11	8.4e	12	10	13	13	10	5.6	11	5.3
20	9.4	14	11	9.0e	13	10	15	12	10	5.4	5.3	5.6
21	9.4	10	11	10e	13	14	17	12	10	5.1	4.7	5.4
22	9.5	9.8	9.0e	11e	12	35	17	11	10	6.3	5.1	5.1
23	9.6	9.7	8.6e	12e	12	25	16	10	9.8	6.6	6.2	5.0
24	9.6	9.8	9.0e	12e	12	16	15	10	9.6	5.0	6.0	5.3
25	9.3	9.8	9.0e	13	12	14	16	9.9	9.4	5.3	5.9	5.7
26	9.3	10	10e	12	12	13	16	9.6	9.2	5.0	6.0	5.7
27	9.5	10	10e	12	12	12	16	9.5	9.2	5.5	5.7	6.0
28	9.6	11	11e	13	11	13	16	11	10	5.7	5.6	5.5
29	10	9.0e	12e	11	---	13	18	11	10	5.6	5.3	5.0
30	9.9	10e	12	11	---	30	17	14	9.8	5.7	6.8	5.5
31	9.7	---	12	12	---	35	---	12	---	6.5	5.5	---
TOTAL	286.4	300	327.6	325	343	432	425	479	828	224.2	199.4	171
MEAN	9.2	10.0	10.6	10.5	12.3	13.9	14.2	15.5	27.6	7.2	6.4	5.7
MAX	10	14	12	13	14	35	18	65	178	11	33	15
MIN	8.2	9.0	8.6	6.0	11	10	12	9.5	9.2	5.0	2.7	4.4
AC-FT	568	595	650	645	680	857	843	950	1642	445	396	339
CAL YEAR 2004 TOTAL			4437	MEAN	12.1	MAX	63.0	MIN	5.0	AC-FT	8800	
WTR YEAR 2005 TOTAL			4341	MEAN	11.9	MAX	178.0	MIN	2.7	AC-FT	8609	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.9	---	---	---	---	---	202	297	273	257	153	281
2	0.00	---	---	---	---	---	244	263	295	266	147	269
3	0.00	---	---	---	---	---	277	227	242	263	134	242
4	0.00	---	---	---	---	---	271	298	208	260	123	220
5	0.00	---	---	---	---	---	195	290	186	256	117	203
6	0.00	---	---	---	---	---	209	285	246	257	119	283
7	0.00	---	---	---	---	---	207	294	263	251	132	312
8	0.00	---	---	---	---	---	179	280	253	233	139	278
9	---	---	---	---	---	---	206	289	215	212	131	251
10	---	---	---	---	---	---	226	293	161	211	133	241
11	---	---	---	---	---	---	221	281	172	206	145	256
12	---	---	---	---	---	---	264	250	171	205	178	217
13	---	---	---	---	---	---	264	264	171	187	216	214
14	---	---	---	---	---	---	263	304	172	187	228	198
15	---	---	---	---	---	---	260	306	259	189	259	193
16	---	---	---	---	---	---	261	301	301	188	274	187
17	---	---	---	---	---	---	262	301	302	175	285	213
18	---	---	---	---	---	---	256	310	304	160	314	215
19	---	---	---	---	---	---	257	318	308	156	319	207
20	---	---	---	---	---	---	254	317	304	170	318	280
21	---	---	---	---	---	38	254	317	302	173	314	244
22	---	---	---	---	---	70	254	308	306	160	322	204
23	---	---	---	---	---	79	254	287	307	147	316	195
24	---	---	---	---	---	73	254	277	306	134	319	277
25	---	---	---	---	---	71	281	273	303	135	315	203
26	---	---	---	---	---	64	299	253	303	146	318	205
27	---	---	---	---	---	54	300	228	291	157	321	275
28	---	---	---	---	---	67	295	216	310	153	320	197
29	---	---	---	---	---	97	309	226	311	148	318	277
30	---	---	---	---	---	109	307	239	292	148	307	239
31	---	---	---	---	---	127	---	273	---	148	287	---
TOTAL	1.9	0	0	0	0	849	7585	8665	7837	5938	7321	7076
MEAN	0.24	---	---	---	---	77.2	252.8	279.5	261.2	191.5	236.2	235.9
MAX	1.9	---	---	---	---	127	309	318	311	266	322	312
MIN	0.00	---	---	---	---	38	179	216	161	134	117	187
AC-FT	3.8	0.00	0.00	0.00	0.00	1684	15040	17190	15540	11780	14520	14040
CAL YEAR 2004	MAX	224.0	MIN	0.000	AC-FT	37050						
WTR YEAR 2005	MAX	322.0	MIN	0.000	AC-FT	89800						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	---	---	---	---	---	121	230	229	156	76	259
2	4.2	---	---	---	---	---	149	237	251	173	84	238
3	0.00	---	---	---	---	---	146	144	232	179	63	215
4	0.00	---	---	---	---	---	206	227	214	171	65	193
5	0.00	---	---	---	---	---	182	262	126	187	65	159
6	0.00	---	---	---	---	---	143	225	138	145	65	191
7	0.00	---	---	---	---	---	187	258	289	147	66	274
8	0.00	---	---	---	---	---	110	238	215	148	83	235
9	0.00	---	---	---	---	---	134	226	246	137	69	206
10	0.00	---	---	---	---	---	176	249	132	128	70	200
11	0.00	---	---	---	---	---	182	256	128	125	85	211
12	0.00	---	---	---	---	---	229	331	124	132	85	198
13	---	---	---	---	---	---	235	292	124	129	146	154
14	---	---	---	---	---	---	230	270	117	118	161	173
15	---	---	---	---	---	---	227	288	164	119	212	155
16	---	---	---	---	---	---	227	290	245	111	217	152
17	---	---	---	---	---	---	226	288	245	104	239	159
18	---	---	---	---	---	---	231	278	244	93	268	182
19	---	---	---	---	---	---	228	292	250	84	285	172
20	---	---	---	---	---	---	250	288	260	86	283	219
21	---	---	---	---	---	---	229	289	249	109	279	234
22	---	---	---	---	---	0.00	223	268	240	91	276	156
23	---	---	---	---	---	0.00	220	268	245	84	274	153
24	---	---	---	---	---	0.00	213	243	242	78	268	207
25	---	---	---	---	---	0.00	224	238	235	76	272	189
26	---	---	---	---	---	0.00	258	216	230	79	276	152
27	---	---	---	---	---	0.00	258	180	223	94	274	237
28	---	---	---	---	---	0.00	261	156	242	93	264	161
29	---	---	---	---	---	0.00	246	171	238	88	287	206
30	---	---	---	---	---	0.00	248	182	216	86	269	224
31	---	---	---	---	---	29	---	237	---	86	246	---
TOTAL	28.2	0	0	0	0	29	6199	7617	6333	3636	5672	5864
MEAN	2.3	---	---	---	---	2.9	206.6	245.7	211.1	117.3	183.0	195.5
MAX	24	---	---	---	---	29	261	331	289	187	287	274
MIN	0.00	---	---	---	---	0.00	110	144	117	76	63	152
AC-FT	56	0.00	0.00	0.00	0.00	58	12300	15110	12560	7212	11250	11630
CAL YEAR 2004	MAX	178.0	MIN	0.000	AC-FT	22660						
WTR YEAR 2005	MAX	331.0	MIN	0.000	AC-FT	70170						

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 are good, 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 3,830 cubic feet per second May 13, gage height 5.02 feet; minimum daily discharge 9.6 cubic feet per second July 28.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	287	177	367	318	807	635	758	135	110	85	13	33
2	288	464	801	248	831	661	719	179	132	125	14	30
3	256	296	346	227	775	581	655	163	430	140	15	28
4	224	584	821	611	812	572	647	95	2280	90	16	26
5	202	279	784	300e	769	638	805	88	3380	73	17	24
6	228	598	433	500e	713	588	484	82	2530	66	18	69
7	233	261	757	400e	700	613	553	83	2250	63	20	106
8	230	168	855	800e	720	652	683	84	2330	58	21	42
9	218	532	432	400e	731	601	628	82	1250	56	22	28
10	216	265	317	450e	764	511	642	111	793	56	23	17
11	212	803	517	500e	717	637	519	92	706	53	25	14
12	214	376	576	580e	693	501	657	1000	823	49	30	12
13	201	842	614	900e	674	406	471	2720	787	44	36	11
14	189	368	873	1200e	606	501	448	1370	1100	40	43	12
15	184	226	859	1500e	641	541	400	735	1540	40	50	13
16	661	177	439	800e	678	509	406	445	1470	36	58	13
17	339	447	784	500e	683	444	405	347	1470	34	67	44
18	231	568	867	900e	735	584	353	324	1570	34	97	23
19	658	741	384	600e	646	535	311	356	1550	31	108	16
20	532	1020	272	1250	631	598	338	364	1680	25	94	148
21	590	865	740	716	628	719	174	205	1870	20	67	23
22	421	689	960	1170	649	628	145	171	1600	16	63	20
23	632	705	846	702	649	683	132	152	1170	15	109	21
24	341	642	845	592	691	684	296	139	712	14	136	47
25	227	629	201	890	673	800	356	132	527	13	137	23
26	589	637	178	991	628	922	201	121	357	12	117	25
27	295	615	180	1050	657	869	126	112	369	9.7	85	43
28	212	374	645	986	632	857	108	105	248	9.6	68	27
29	175	654	929	969	---	843	114	104	125	11	58	82
30	504	680	888	856	---	906	154	102	94	11	47	39
31	282	---	424	847	---	781	---	117	---	12	37	---
TOTAL	10071	15682	18934	22753	19533	20000	12688	10315	35253	1341.3	1711	1059
MEAN	324.9	522.7	610.8	734.0	697.6	645.2	422.9	332.7	1175	43.3	55.2	35.3
MAX	661	1020	960	1500	831	922	805	2720	3380	140	137	148
MIN	175	168	178	227	606	406	108	82	94	9.6	13	11
AC-FT	19980	31100	37560	45130	38740	39670	25170	20460	69920	2660	3394	2100
CAL YEAR 2004	TOTAL		115417	MEAN	315.3	MAX	1090	MIN	8.6	AC-FT	228900	
WTR YEAR 2005	TOTAL		169340	MEAN	463.9	MAX	3380	MIN	9.6	AC-FT	335900	

e indicates estimated discharge.

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 1,020 cubic feet per second May 12, gage height 12.11 feet; minimum daily discharge zero Many days October - May, and September.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.3	0.00	0.00	0.00	0.00	0.00	0.49	0.00	2.5	1.9	11	0.00
2	2.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.4	4.4	8.4	0.00
3	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.1	2.7	9.6	0.30
4	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.4	2.7	11	0.00
5	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28	3.0	15	0.12
6	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117	4.6	13	0.12
7	2.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124	4.3	11	0.00
8	4.0	0.00	0.40	0.00	0.10e	0.00	0.00	0.00	179	7.0	12	0.00
9	2.2	0.00	0.33	0.00	0.00	0.00	0.00	0.00	219	6.7	13	0.00
10	1.9	0.00	0.50	0.00	0.00	0.00	0.00	0.00	131	4.9	13	0.00
11	2.3	0.00	0.50	0.00	0.00	0.00	0.00	0.00	65	6.4	13	0.00
12	0.42	0.00	0.52	0.00	0.00	0.00	0.00	719	52	8.4	19	0.00
13	0.14	0.00	0.28	0.00	0.00	0.00	0.00	589	29	8.8	35	0.00
14	0.14	0.00	0.00	0.00	0.57	0.00	0.00	228	16	10.0	13	0.00
15	0.10	0.00	0.00	0.00	0.84	0.00	0.00	128	10	9.0	11	0.00
16	0.00	0.00	0.01e	0.00	0.84	0.00	0.00	193	7.3	10	11	0.00
17	0.00	0.00	0.00e	0.00	0.57	0.00	0.00	261	5.1	10	9.4	0.00
18	0.00	0.00	0.06e	0.00	0.48	0.00	0.00	109	4.2	12	5.3	0.00
19	0.00	0.00	0.10e	0.00	0.35	0.00	0.00	38	4.1	9.3	3.9	0.00
20	0.00	0.00	0.00	0.00	0.12	0.00	0.00	24	3.1	11	4.2	0.00
21	0.00	4.3	0.00e	0.00	0.12	0.00	0.00	18	3.8	10	3.5	0.00
22	0.00	2.5	0.03e	0.00	0.12	0.00	0.00	13	6.4	13	4.4	0.00
23	0.00	1.2	0.00	0.00	0.00	0.00	0.00	9.7	4.0	9.3	7.1	0.00
24	0.00	0.59	0.00	0.00	0.00	0.00	0.00	7.4	4.2	8.4	6.0	0.00
25	0.00	0.16	0.00	0.00	0.00	0.00	0.00	6.3	3.8	10	1.9	0.00
26	0.00	0.02	0.00	0.00	0.00	0.00	0.00	8.5	4.0	8.0	3.2	0.00
27	0.00	0.00	0.00	0.00	0.00	0.83	0.00	7.9	4.0	7.1	1.2	0.00
28	0.00	0.00	0.00	0.00	0.00	0.38	0.00	5.6	3.0	10	0.89	0.00
29	0.00	0.00	0.00	0.00	---	0.14	0.00	4.1	2.2	9.8	1.1	0.00
30	0.00	0.00	0.00	0.00	---	0.46	0.00	3.1	1.4	12	0.55	0.00
31	0.00	---	0.00	0.00	---	1.9	---	2.9	---	11	0.11	---
TOTAL	20.55	8.77	2.73	0	4.11	3.71	0.49	2375.5	1051	245.7	271.75	0.54
MEAN	0.66	0.29	0.088	0.000	0.15	0.12	0.016	76.6	35.1	8.0	8.8	0.018
MAX	4.3	4.3	0.52	0.00	0.84	1.9	0.49	719	219	13	35	0.30
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.4	1.9	0.11	0.00
AC-FT	41	17	5.4	0.00	8.2	7.4	1.0	4712	2085	487	539	1.1
CAL YEAR 2004	TOTAL		535	MEAN	1.5	MAX	11.0	MIN	0.000	AC-FT	1062	
WTR YEAR 2005	TOTAL		3985	MEAN	10.9	MAX	719.0	MIN	0.000	AC-FT	7904	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	135	190	195
2	---	---	---	---	---	---	---	0.00	0.00	149	235	169
3	---	---	---	---	---	---	---	0.00	0.00	151	242	136
4	---	---	---	---	---	---	---	0.00	0.00	151	210	129
5	---	---	---	---	---	---	---	0.00	0.00	158	152	129
6	---	---	---	---	---	---	---	0.00	0.00	173	127	128
7	---	---	---	---	---	---	---	0.00	0.00	190	124	130
8	---	---	---	---	---	---	---	0.00	0.00	196	131	132
9	---	---	---	---	---	---	---	0.00	0.00	190	166	123
10	---	---	---	---	---	---	---	0.00	0.00	189	198	93
11	---	---	---	---	---	---	---	0.00	0.00	189	111	86
12	---	---	---	---	---	---	---	0.00	19	203	60	87
13	---	---	---	---	---	---	---	0.00	62	214	59	73
14	---	---	---	---	---	---	---	0.00	52	224	56	63
15	---	---	---	---	---	---	---	0.00	62	211	53	61
16	---	---	---	---	---	---	---	0.00	61	193	51	60
17	---	---	---	---	---	---	---	0.00	63	190	51	57
18	---	---	---	---	---	---	---	0.00	63	208	52	58
19	---	---	---	---	---	---	---	0.00	62	212	59	23
20	---	---	---	---	---	---	---	0.00	68	217	67	0.00
21	---	---	---	---	---	---	---	0.00	75	215	86	0.00
22	---	---	---	---	---	---	---	0.00	75	224	103	0.00
23	---	---	---	---	---	---	---	0.00	75	220	101	0.00
24	---	---	---	---	---	---	---	0.00	75	217	102	0.00
25	---	---	---	---	---	---	---	0.00	75	229	115	0.00
26	---	---	---	---	---	---	---	0.00	74	199	119	0.00
27	---	---	---	---	---	---	---	0.00	79	155	118	0.00
28	---	---	---	---	---	---	---	0.00	83	143	120	0.00
29	---	---	---	---	---	---	---	0.00	92	143	145	0.00
30	---	---	---	---	---	---	---	0.00	107	135	166	0.00
31	---	---	---	---	---	---	---	0.00	---	133	189	---
TOTAL	0	0	0	0	0	0	0	0	1322	5756	3758	1932
MEAN	---	---	---	---	---	---	---	0.000	44.1	185.7	121.2	64.4
MAX	---	---	---	---	---	---	---	0.00	107	229	242	195
MIN	---	---	---	---	---	---	---	0.00	0.00	133	51	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2622	11420	7454	3832
CAL YEAR 2004	MAX	251.0	MIN	0.000	AC-FT	28060						
WTR YEAR 2005	MAX	242.0	MIN	0.000	AC-FT	25320						

**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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	28	43	51
2	---	---	---	---	---	---	---	0.00	0.00	31	42	52
3	---	---	---	---	---	---	---	0.00	0.00	33	42	52
4	---	---	---	---	---	---	---	0.00	0.00	33	24	47
5	---	---	---	---	---	---	---	17	0.00	35	24	41
6	---	---	---	---	---	---	---	17	0.00	39	25	34
7	---	---	---	---	---	---	---	16	0.00	39	25	31
8	---	---	---	---	---	---	---	16	0.00	40	32	32
9	---	---	---	---	---	---	---	16	0.00	41	40	32
10	---	---	---	---	---	---	---	16	0.00	40	35	31
11	---	---	---	---	---	---	---	16	0.00	42	27	30
12	---	---	---	---	---	---	---	17	0.00	45	19	29
13	---	---	---	---	---	---	---	17	0.00	45	19	23
14	---	---	---	---	---	---	---	17	8.3	44	18	19
15	---	---	---	---	---	---	---	17	17	44	19	7.8
16	---	---	---	---	---	---	---	17	17	44	20	0.00
17	---	---	---	---	---	---	---	17	16	43	19	0.00
18	---	---	---	---	---	---	---	17	15	42	27	0.00
19	---	---	---	---	---	---	---	17	15	42	44	0.00
20	---	---	---	---	---	---	---	16	15	42	44	0.00
21	---	---	---	---	---	---	---	16	15	41	44	0.00
22	---	---	---	---	---	---	---	16	15	42	17	0.00
23	---	---	---	---	---	---	---	16	15	43	16	0.00
24	---	---	---	---	---	---	---	16	16	44	16	0.00
25	---	---	---	---	---	---	---	16	16	44	15	0.00
26	---	---	---	---	---	---	---	14	16	42	15	0.00
27	---	---	---	---	---	---	---	14	15	44	15	0.00
28	---	---	---	---	---	---	---	14	14	42	16	0.00
29	---	---	---	---	---	---	---	14	17	42	25	0.00
30	---	---	---	---	---	---	---	14	22	43	38	0.00
31	---	---	---	---	---	---	---	6.5	---	43	42	---
TOTAL	0	0	0	0	0	0	0	422.5	264.3	1262	847	511.8
MEAN	---	---	---	---	---	---	---	13.6	8.8	40.7	27.3	17.1
MAX	---	---	---	---	---	---	---	17	22	45	44	52
MIN	---	---	---	---	---	---	---	0.00	0.00	28	15	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	838	524	2503	1680	1015
CAL YEAR 2004	MAX	41.0	MIN	0.000	AC-FT	6892						
WTR YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	6561						

**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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	9.0	---
2	---	---	---	---	---	---	---	---	---	0.00	9.0	---
3	---	---	---	---	---	---	---	---	---	0.00	9.0	---
4	---	---	---	---	---	---	---	---	---	0.00	4.9	---
5	---	---	---	---	---	---	---	---	---	0.00	0.00	---
6	---	---	---	---	---	---	---	---	---	0.00	0.00	---
7	---	---	---	---	---	---	---	---	---	0.00	0.00	---
8	---	---	---	---	---	---	---	---	---	0.00	0.00	---
9	---	---	---	---	---	---	---	---	---	0.00	5.4	---
10	---	---	---	---	---	---	---	---	---	0.00	9.0	---
11	---	---	---	---	---	---	---	---	---	0.00	2.6	---
12	---	---	---	---	---	---	---	---	---	3.0	0.00	---
13	---	---	---	---	---	---	---	---	---	9.0	0.00	---
14	---	---	---	---	---	---	---	---	---	9.0	0.00	---
15	---	---	---	---	---	---	---	---	---	9.0	0.00	---
16	---	---	---	---	---	---	---	---	---	9.0	0.00	---
17	---	---	---	---	---	---	---	---	---	9.0	0.00	---
18	---	---	---	---	---	---	---	---	---	9.0	0.00	---
19	---	---	---	---	---	---	---	---	---	9.0	5.2	---
20	---	---	---	---	---	---	---	---	---	9.0	9.0	---
21	---	---	---	---	---	---	---	---	---	9.0	9.0	---
22	---	---	---	---	---	---	---	---	---	9.0	3.8	---
23	---	---	---	---	---	---	---	---	---	9.0	0.00	---
24	---	---	---	---	---	---	---	---	---	9.0	0.00	---
25	---	---	---	---	---	---	---	---	---	9.0	0.00	---
26	---	---	---	---	---	---	---	---	---	9.0	0.00	---
27	---	---	---	---	---	---	---	---	---	9.0	0.00	---
28	---	---	---	---	---	---	---	---	---	9.0	0.00	---
29	---	---	---	---	---	---	---	---	---	9.0	0.00	---
30	---	---	---	---	---	---	---	---	---	9.0	0.00	---
31	---	---	---	---	---	---	---	---	---	9.0	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	174	75.9	0
MEAN	---	---	---	---	---	---	---	---	---	5.6	2.4	---
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	345	151	0.00
CAL YEAR 2004	MAX	9.0	MIN	0.000	AC-FT	543						
WTR YEAR 2005	MAX	9.0	MIN	0.000	AC-FT	496						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	26	45	39
2	---	---	---	---	---	---	---	0.00	0.00	27	48	39
3	---	---	---	---	---	---	---	0.00	0.00	28	48	40
4	---	---	---	---	---	---	---	0.00	0.00	28	27	37
5	---	---	---	---	---	---	---	0.00	0.00	30	29	33
6	---	---	---	---	---	---	---	0.00	0.00	38	36	32
7	---	---	---	---	---	---	---	0.00	0.00	42	40	33
8	---	---	---	---	---	---	---	0.00	0.00	44	44	34
9	---	---	---	---	---	---	---	0.00	0.00	45	46	34
10	---	---	---	---	---	---	---	0.00	0.00	45	37	33
11	---	---	---	---	---	---	---	3.3	0.00	45	26	34
12	---	---	---	---	---	---	---	14	0.00	51	17	32
13	---	---	---	---	---	---	---	13	7.6	53	15	27
14	---	---	---	---	---	---	---	13	13	53	18	24
15	---	---	---	---	---	---	---	13	13	53	23	9.4
16	---	---	---	---	---	---	---	13	13	52	25	0.00
17	---	---	---	---	---	---	---	13	13	53	21	0.00
18	---	---	---	---	---	---	---	13	13	52	26	0.00
19	---	---	---	---	---	---	---	13	13	51	37	0.00
20	---	---	---	---	---	---	---	13	14	51	38	0.00
21	---	---	---	---	---	---	---	14	15	49	37	0.00
22	---	---	---	---	---	---	---	15	14	51	20	0.00
23	---	---	---	---	---	---	---	18	14	51	19	0.00
24	---	---	---	---	---	---	---	18	16	50	19	0.00
25	---	---	---	---	---	---	---	18	18	45	20	0.00
26	---	---	---	---	---	---	---	18	18	40	20	0.00
27	---	---	---	---	---	---	---	18	16	38	22	0.00
28	---	---	---	---	---	---	---	18	15	40	25	0.00
29	---	---	---	---	---	---	---	18	18	43	29	0.00
30	---	---	---	---	---	---	---	18	22	43	32	0.00
31	---	---	---	---	---	---	---	7.7	---	44	36	---
TOTAL	0	0	0	0	0	0	0	302	265.6	1361	925	480.4
MEAN	---	---	---	---	---	---	---	9.7	8.9	43.9	29.8	16.0
MAX	---	---	---	---	---	---	---	18	22	53	48	40
MIN	---	---	---	---	---	---	---	0.00	0.00	26	15	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	599	527	2700	1835	953
CAL YEAR 2004	MAX	51.0	MIN	0.000	AC-FT	8511						
WTR YEAR 2005	MAX	53.0	MIN	0.000	AC-FT	6613						

**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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	28	130	130	90
2	---	---	---	---	---	---	---	0.00	28	131	131	85
3	---	---	---	---	---	---	---	52	28	125	134	79
4	---	---	---	---	---	---	---	60	27	124	137	79
5	---	---	---	---	---	---	---	48	27	127	135	78
6	---	---	---	---	---	---	---	43	28	131	134	77
7	---	---	---	---	---	---	---	43	27	133	141	75
8	---	---	---	---	---	---	---	48	26	129	144	70
9	---	---	---	---	---	---	---	48	26	126	140	64
10	---	---	---	---	---	---	---	43	26	128	97	60
11	---	---	---	---	---	---	---	44	25	128	94	55
12	---	---	---	---	---	---	---	45	25	128	81	48
13	---	---	---	---	---	---	---	45	20	125	70	37
14	---	---	---	---	---	---	---	45	17	115	68	21
15	---	---	---	---	---	---	---	45	18	113	67	12
16	---	---	---	---	---	---	---	46	21	121	67	0.00
17	---	---	---	---	---	---	---	47	22	126	67	0.00
18	---	---	---	---	---	---	---	44	23	134	90	0.00
19	---	---	---	---	---	---	---	42	22	133	107	0.00
20	---	---	---	---	---	---	---	33	23	131	108	0.00
21	---	---	---	---	---	---	---	33	23	131	108	0.00
22	---	---	---	---	---	---	---	32	23	131	102	0.00
23	---	---	---	---	---	---	---	33	23	128	81	0.00
24	---	---	---	---	---	---	---	37	24	128	74	0.00
25	---	---	---	---	---	---	---	37	25	129	74	0.00
26	---	---	---	---	---	---	---	37	23	130	74	0.00
27	---	---	---	---	---	---	---	37	41	125	74	0.00
28	---	---	---	---	---	---	---	37	55	128	75	0.00
29	---	---	---	---	---	---	---	36	71	127	84	0.00
30	---	---	---	---	---	---	---	37	106	130	93	0.00
31	---	---	---	---	---	---	---	31	---	130	90	---
TOTAL	0	0	0	0	0	0	0	1208	901	3955	3071	930
MEAN	---	---	---	---	---	---	---	39.0	30.0	127.6	99.1	31.0
MAX	---	---	---	---	---	---	---	60	106	134	144	90
MIN	---	---	---	---	---	---	---	0.00	17	113	67	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2396	1787	7845	6091	1845
CAL YEAR 2004	MAX	145.0	MIN	0.000	AC-FT	24270						
WTR YEAR 2005	MAX	144.0	MIN	0.000	AC-FT	19960						

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

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	24	73	119	60
2	---	---	---	---	---	---	---	0.00	23	80	117	60
3	---	---	---	---	---	---	---	0.00	22	83	115	60
4	---	---	---	---	---	---	---	15	22	91	126	60
5	---	---	---	---	---	---	---	36	22	105	120	59
6	---	---	---	---	---	---	---	46	22	120	111	54
7	---	---	---	---	---	---	---	46	22	126	109	49
8	---	---	---	---	---	---	---	47	20	128	111	47
9	---	---	---	---	---	---	---	62	21	129	110	44
10	---	---	---	---	---	---	---	45	21	128	75	44
11	---	---	---	---	---	---	---	45	21	127	76	45
12	---	---	---	---	---	---	---	44	21	125	65	47
13	---	---	---	---	---	---	---	43	20	123	58	43
14	---	---	---	---	---	---	---	43	20	122	59	38
15	---	---	---	---	---	---	---	43	23	124	58	15
16	---	---	---	---	---	---	---	43	30	125	58	0.00
17	---	---	---	---	---	---	---	42	30	123	58	0.00
18	---	---	---	---	---	---	---	42	29	127	61	0.00
19	---	---	---	---	---	---	---	41	29	122	74	0.00
20	---	---	---	---	---	---	---	34	28	121	80	0.00
21	---	---	---	---	---	---	---	34	28	119	102	0.00
22	---	---	---	---	---	---	---	35	28	117	111	0.00
23	---	---	---	---	---	---	---	37	28	114	88	0.00
24	---	---	---	---	---	---	---	41	28	117	72	0.00
25	---	---	---	---	---	---	---	41	28	120	71	0.00
26	---	---	---	---	---	---	---	41	22	117	67	0.00
27	---	---	---	---	---	---	---	41	34	114	62	0.00
28	---	---	---	---	---	---	---	41	47	112	61	0.00
29	---	---	---	---	---	---	---	40	54	109	62	0.00
30	---	---	---	---	---	---	---	39	61	112	62	0.00
31	---	---	---	---	---	---	---	30	---	118	61	---
TOTAL	0	0	0	0	0	0	0	1137	828	3571	2579	725
MEAN	---	---	---	---	---	---	---	36.7	27.6	115.2	83.2	24.2
MAX	---	---	---	---	---	---	---	62	61	129	126	60
MIN	---	---	---	---	---	---	---	0.00	20	73	58	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2255	1642	7083	5115	1438
CAL YEAR 2004	MAX	153.0	MIN	0.000	AC-FT	21170						
WTR YEAR 2005	MAX	129.0	MIN	0.000	AC-FT	17530						

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 59 A.F. delivered to Middle Loup Canal No. 4

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	248	---	---	---	---	---	0.00	278	452	404	336	125
2	355	---	---	---	---	---	0.00	279	448	406	283	126
3	362	---	---	---	---	---	0.00	261	376	391	253	127
4	364	---	---	---	---	---	0.00	262	324	369	333	126
5	362	---	---	---	---	---	0.00	275	324	358	390	126
6	364	---	---	---	---	---	0.00	278	325	366	380	51
7	365	---	---	---	---	---	0.00	286	329	359	376	0.00
8	366	---	---	---	---	---	0.00	302	324	323	377	0.00
9	366	---	---	---	---	---	0.00	286	319	325	366	0.00
10	368	---	---	---	---	---	0.00	278	307	307	409	0.00
11	360	---	---	---	---	---	83	281	298	293	415	0.00
12	356	---	---	---	---	---	186	288	300	300	389	0.00
13	349	---	---	---	---	---	260	275	297	268	388	0.00
14	347	---	---	---	---	---	291	293	299	257	413	0.00
15	348	---	---	---	---	---	284	298	294	231	418	0.00
16	342	---	---	---	---	---	283	294	290	237	416	0.00
17	341	---	---	---	---	---	273	292	289	232	409	0.00
18	236	---	---	---	---	---	279	294	291	269	378	0.00
19	68	---	---	---	---	---	270	315	287	249	260	0.00
20	0.00	---	---	---	---	---	281	378	286	245	215	0.00
21	0.00	---	---	---	---	---	286	400	331	234	208	0.00
22	0.00	---	---	---	---	---	273	408	329	228	206	0.00
23	0.00	---	---	---	---	---	263	410	327	221	214	0.00
24	0.00	---	---	---	---	---	265	399	324	208	214	0.00
25	0.00	---	---	---	---	---	271	392	300	244	214	0.00
26	0.00	---	---	---	---	---	278	399	270	322	163	0.00
27	0.00	---	---	---	---	---	256	430	311	362	128	0.00
28	0.00	---	---	---	---	---	267	450	365	383	128	0.00
29	0.00	---	---	---	---	---	266	450	386	363	126	0.00
30	0.00	---	---	---	---	---	278	452	407	342	125	0.00
31	0.00	---	---	---	---	---	---	453	---	339	122	---
TOTAL	6267	0	0	0	0	0	5193	10436	9809	9435	9052	681
MEAN	202.2	---	---	---	---	---	173.1	336.6	327.0	304.4	292.0	22.7
MAX	368	---	---	---	---	---	291	453	452	406	418	127
MIN	0.00	---	---	---	---	---	0.00	261	270	208	122	0.00
AC-FT	12430	0.00	0.00	0.00	0.00	0.00	10300	20700	19460	18710	17950	1351
CAL YEAR 2004	MAX	526.0	MIN	0.000	AC-FT	118300						
WTR YEAR 2005	MAX	453.0	MIN	0.000	AC-FT	100900						

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
8	---	---	---	---	---	---	---	3.0	0.00	0.00	0.00	---
9	---	---	---	---	---	---	---	3.8	0.00	0.00	6.0	---
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
21	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	---
22	---	---	---	---	---	---	---	0.00	0.00	6.5	0.00	---
23	---	---	---	---	---	---	---	0.00	0.00	8.7	0.00	---
24	---	---	---	---	---	---	---	0.00	0.00	1.8	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	0.00	0.00	0.00	---
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	6.8	0	17	6	0
MEAN	---	---	---	---	---	---	---	0.22	0.000	0.55	0.19	---
MAX	---	---	---	---	---	---	---	3.8	0.00	8.7	6.0	---
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	13	0.00	34	12	0.00
CAL YEAR 2004	MAX	18.0	MIN	0.000	AC-FT	317						
WTR YEAR 2005	MAX	8.7	MIN	0.000	AC-FT	59						

**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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	43420	53210	51770	50580	49420	48730	47810	54920	68500	69650	47590	38520
2	43860	52970	51770	50350	49420	48730	47590	55170	68790	69650	46920	38130
3	44500	52970	51770	50350	49420	48730	47590	55670	69650	69080	46250	37740
4	45150	52970	51770	50350	49420	48730	47590	55920	69940	68790	45150	36970
5	45810	52720	51530	50350	49420	48500	47590	56170	69940	68500	44290	36400
6	46250	52720	51530	50350	49420	48500	47590	56680	69650	68210	43640	35840
7	47140	52720	51530	50350	49650	48500	47590	56930	69650	67930	43000	35280
8	47590	52480	51530	50350	49190	48500	47310	57430	69360	67370	42380	34730
9	48270	52480	51530	50350	49190	48500	47310	57690	69360	66530	41750	34180
10	48730	52480	51530	50110	49190	48500	47310	58200	69650	65680	41130	34000
11	49420	52480	51290	50110	49190	48270	47310	58460	69650	65130	40520	34000
12	49880	52240	51530	50110	49190	48270	47310	59500	69360	64310	40120	34000
13	50580	52240	51290	50110	49190	48040	47590	59750	69650	63760	39910	34000
14	51060	52240	51290	50110	49190	48040	47810	60280	69360	62670	40520	33820
15	51770	52240	51290	50110	49420	48040	48500	60540	69360	61870	40930	33820
16	52240	52000	51290	49880	49190	48040	48960	60810	69080	61080	41330	33820
17	52720	52000	51060	49880	49190	48040	49190	61340	69080	60010	41750	33630
18	53210	52240	51060	49880	48960	48040	49650	61870	69080	58980	42170	33630
19	53550	52240	51060	49880	48960	48040	50110	62140	69080	58200	42380	33630
20	53700	52240	51060	49880	48960	48040	50580	62400	69080	57180	42170	33630
21	53700	52240	51060	49880	48960	48040	51060	62940	69360	56170	41540	33630
22	53700	52240	50820	49880	48960	48040	51530	63490	69360	55170	41330	33630
23	53700	52240	50820	49650	48960	47810	52000	64040	69360	54180	40320	33460
24	53550	52000	50820	49650	48960	47810	52240	64580	69360	53210	39910	33460
25	53550	52000	50820	49650	48960	47810	52480	65400	69360	52240	39510	33460
26	53550	52000	50580	49650	48960	47810	52970	65960	69360	51530	39110	33460
27	53550	52000	50580	49650	48960	47810	53550	66530	69360	50820	39110	33460
28	53210	51770	50580	49650	48730	47810	53700	67090	69360	50110	39110	33460
29	53210	52000	50580	49650	---	47810	54180	67370	69360	49420	39110	33280
30	53210	51770	50580	49650	---	47810	54430	67930	69650	48960	38910	33280
31	53210	---	50580	49420	---	47810	---	68210	---	48270	38910	---
MEAN	50550	52340	51170	49990	49170	48170	49680	61140	69370	60150	41640	34480
MAX	53700	53210	51770	50580	49650	48730	54430	68210	69940	69650	47590	38520
MIN	43420	51770	50580	49420	48730	47810	47310	54920	68500	48270	38910	33280
CAL YEAR 2004	MEAN	53170	MAX	69650	MIN	36210						
WTR YEAR 2005	MEAN	51510	MAX	69940	MIN	33280						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	134	222	377	115
2	---	---	---	---	---	---	---	0.00	139	272	388	166
3	---	---	---	---	---	---	---	0.00	147	283	398	206
4	---	---	---	---	---	---	---	0.00	149	267	402	212
5	---	---	---	---	---	---	---	0.00	149	275	402	218
6	---	---	---	---	---	---	---	0.00	156	298	398	205
7	---	---	---	---	---	---	---	0.00	162	332	388	174
8	---	---	---	---	---	---	---	0.00	162	353	402	151
9	---	---	---	---	---	---	---	0.00	156	347	417	36
10	---	---	---	---	---	---	---	0.00	142	347	412	0.00
11	---	---	---	---	---	---	---	0.00	135	353	398	0.00
12	---	---	---	---	---	---	---	0.00	135	366	293	0.00
13	---	---	---	---	---	---	---	0.00	135	378	135	0.00
14	---	---	---	---	---	---	---	0.00	131	384	86	0.00
15	---	---	---	---	---	---	---	0.00	129	401	72	0.00
16	---	---	---	---	---	---	---	0.00	129	401	86	0.00
17	---	---	---	---	---	---	---	0.00	129	406	132	0.00
18	---	---	---	---	---	---	---	0.00	129	401	140	0.00
19	---	---	---	---	---	---	---	0.00	129	417	209	0.00
20	---	---	---	---	---	---	---	0.00	122	422	260	0.00
21	---	---	---	---	---	---	---	0.00	120	417	270	0.00
22	---	---	---	---	---	---	---	0.00	115	412	425	0.00
23	---	---	---	---	---	---	---	0.00	111	398	240	0.00
24	---	---	---	---	---	---	---	0.00	100	388	151	0.00
25	---	---	---	---	---	---	---	0.00	97	398	151	0.00
26	---	---	---	---	---	---	---	0.00	97	388	84	0.00
27	---	---	---	---	---	---	---	0.00	97	398	60	0.00
28	---	---	---	---	---	---	---	59	100	398	60	0.00
29	---	---	---	---	---	---	---	99	111	393	75	0.00
30	---	---	---	---	---	---	---	102	154	388	77	0.00
31	---	---	---	---	---	---	---	118	---	382	84	---
TOTAL	0	0	0	0	0	0	0	378	3901	11285	7472	1483
MEAN	---	---	---	---	---	---	---	12.2	130.0	364.0	241.0	49.4
MAX	---	---	---	---	---	---	---	118	162	422	425	218
MIN	---	---	---	---	---	---	---	0.00	97	222	60	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	750	7738	22380	14820	2941
CAL YEAR 2004	MAX	515.0	MIN	0.000	AC-FT	52710						
WTR YEAR 2005	MAX	425.0	MIN	0.000	AC-FT	48630						

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

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	50	123	233	111
2	---	---	---	---	---	---	---	0.00	50	151	257	141
3	---	---	---	---	---	---	---	0.00	64	160	261	148
4	---	---	---	---	---	---	---	0.00	70	162	261	148
5	---	---	---	---	---	---	---	0.00	72	190	261	142
6	---	---	---	---	---	---	---	0.00	74	215	235	115
7	---	---	---	---	---	---	---	0.00	79	226	225	106
8	---	---	---	---	---	---	---	0.00	80	235	249	104
9	---	---	---	---	---	---	---	0.00	80	245	257	26
10	---	---	---	---	---	---	---	0.00	77	248	257	0.00
11	---	---	---	---	---	---	---	0.00	76	245	243	0.00
12	---	---	---	---	---	---	---	0.00	76	245	186	0.00
13	---	---	---	---	---	---	---	0.00	74	245	84	0.00
14	---	---	---	---	---	---	---	0.00	72	251	47	0.00
15	---	---	---	---	---	---	---	0.00	73	261	38	0.00
16	---	---	---	---	---	---	---	0.00	74	266	37	0.00
17	---	---	---	---	---	---	---	0.00	70	266	43	0.00
18	---	---	---	---	---	---	---	0.00	69	253	44	0.00
19	---	---	---	---	---	---	---	0.00	69	263	84	0.00
20	---	---	---	---	---	---	---	0.00	69	273	104	0.00
21	---	---	---	---	---	---	---	0.00	69	275	107	0.00
22	---	---	---	---	---	---	---	0.00	66	275	197	0.00
23	---	---	---	---	---	---	---	0.00	62	268	223	0.00
24	---	---	---	---	---	---	---	0.00	58	264	226	0.00
25	---	---	---	---	---	---	---	0.00	57	253	223	0.00
26	---	---	---	---	---	---	---	0.00	57	231	88	0.00
27	---	---	---	---	---	---	---	0.00	60	232	41	0.00
28	---	---	---	---	---	---	---	38	74	232	41	0.00
29	---	---	---	---	---	---	---	54	79	235	48	0.00
30	---	---	---	---	---	---	---	51	96	232	60	0.00
31	---	---	---	---	---	---	---	50	---	228	82	---
TOTAL	0	0	0	0	0	0	0	193	2096	7248	4742	1041
MEAN	---	---	---	---	---	---	---	6.2	69.9	233.8	153.0	34.7
MAX	---	---	---	---	---	---	---	54	96	275	261	148
MIN	---	---	---	---	---	---	---	0.00	50	123	37	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	383	4157	14380	9406	2065
CAL YEAR 2004	MAX	310.0	MIN	0.000	AC-FT	33670						
WTR YEAR 2005	MAX	275.0	MIN	0.000	AC-FT	30390						

**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 541 cubic feet per second May 13, gage height 12.54 feet; minimum daily discharge 3.2 cubic feet per second July 23 & 24.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	14	9.8e	11e	25e	17	20	20	20	17	6.1	9.1
2	20	15	9.8e	11e	25e	17	22	19	34	17	6.7	8.4
3	20	15	9.8e	9.8e	22e	17	26	19	348	18	4.9	8.2
4	21	16	6.0e	8.6e	26e	17	22	19	252	17	5.6	10
5	21	16	8.6e	9.8e	27e	17	21	19	320	15	3.3	11
6	23	16	4.8e	7.4e	24e	17	20	19	263	15	4.3	11
7	23	16	8.2e	7.4e	19e	17	20	19	239	12	4.4	9.9
8	22	16	6.2e	14e	14e	17	19	19	86	9.1	4.5	8.5
9	22	17	4.8e	15e	11e	17	19	19	49	7.1	6.3	8.4
10	21	17	11e	12e	17e	17	20	18	104	7.1	5.1	8.9
11	20	18	9.8e	9.8e	24e	17	22	19	105	9.7	3.6	9.2
12	20	18	7.4e	15e	26e	17	21	284	64	11	41	8.4
13	21	17	9.8e	15e	30e	17	20	479	38	10	40	7.9
14	21	17	6.2e	11e	29e	18	23	134	39	8.8	16	6.5
15	21	17	9.8e	11e	25e	17	24	48	32	7.1	16	7.4
16	18	16	15e	16e	22e	17	22	32	27	6.5	11	6.9
17	16	15	12e	19e	21e	17	21	27	26	8.4	9.4	6.7
18	16	17	12e	21e	22e	18	20	39	25	8.7	8.9	7.3
19	14	20	9.8e	23e	24e	18	20	45	24	9.5	9.0	6.8
20	13	20	9.8e	22e	26e	18	20	26	23	8.5	8.5	7.0
21	13	19	7.4e	20e	20	20	20	23	23	9.9	8.4	6.9
22	12	20	7.4e	20e	18	23	20	22	27	4.9	9.0	5.6
23	13	18	9.8e	25e	18	24	20	21	23	3.2	13	6.1
24	12	15	9.8e	22e	18	25	21	21	22	3.2	40	6.5
25	12	14	12e	15e	18	30	24	20	22	4.0	15	6.4
26	11	13	15e	16e	18	25	22	20	21	7.5	15	5.9
27	10	13	12e	24e	18	22	21	20	20	5.6	11	4.9
28	11	11e	11e	29e	17	21	20	19	20	5.7	10	5.6
29	13	8.6e	12e	26e	---	21	20	19	20	8.3	9.3	5.9
30	13	7.4e	14e	24e	---	21	20	19	19	6.3	8.9	6.6
31	13	---	15e	24e	---	20	---	20	---	4.5	8.8	---
TOTAL	524	472	306	513.8	604	596	630	1547	2335	285.6	363	227.9
MEAN	17.0	15.7	9.9	16.6	21.6	19.2	21.0	50.0	77.9	9.2	11.8	7.6
MAX	23	20	15	29	30	30	26	479	348	18	41	11
MIN	10	7.4	4.8	7.4	11	17	19	18	19	3.2	3.3	4.9
AC-FT	1039	936	607	1019	1198	1182	1250	3068	4631	566	720	452
CAL YEAR 2004 TOTAL			8955	MEAN	24.5	MAX	637.0	MIN	4.8	AC-FT	17760	
WTR YEAR 2005 TOTAL			8404	MEAN	23.0	MAX	479.0	MIN	3.2	AC-FT	16670	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

TURKEY CREEK near Dannebrog, 06784800

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

DRAINAGE AREA.--66.2 square miles.

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,060 cubic feet per second May 25, gage height 16.44 feet; minimum daily discharge 3.7 cubic feet per second September 30.

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.6	8.2	8.0e	8.2e	8.6	8.0e	14	7.1	20	17	27	14
2	9.5	8.2	7.8e	8.0e	8.7	8.2e	13	6.9	39	37	25	14
3	8.4	8.7	8.4e	7.8e	8.5	8.6	12	6.9	379	32	25	17
4	8.3	8.4	9.2e	7.2e	8.9	8.5	12	6.9	493	34	28	18
5	8.0	8.2	10	7.0e	8.9	8.4	12	7.5	164	29	25	17
6	8.2	8.1	10	7.2e	9.3	8.2	12	7.3	42	28	30	21
7	11	7.1	9.9	7.4e	8.4e	8.4	11	7.6	45	30	32	19
8	10.0	6.9	9.8	7.6e	8.2e	9.7	10	92	57	30	28	17
9	8.2	6.4	9.5	7.8e	8.0e	8.5	10	14	29	27	22	13
10	7.6	7.2	9.6	8.0e	7.8e	8.3	11	10	97	25	25	11
11	7.3	7.6	9.4	7.6e	7.6e	8.4	12	24	100	23	42	7.3
12	7.1	6.7	9.2	7.2e	7.4e	8.3	11	270	31	24	51	7.2
13	7.0	7.0	9.1	7.0e	7.2e	8.8	10.0	116	28	28	64	8.3
14	7.3	7.1	8.9	7.6e	10e	8.7	9.9	24	26	29	15	6.2
15	7.1	7.1	9.2	8.2e	11	8.2	9.5	18	23	30	10	5.0
16	7.3	7.0	9.1	8.6e	9.6	8.4	9.0	15	23	35	9.0	4.5
17	6.8	7.4	9.2	8.4e	8.8	8.3	9.0	14	23	37	8.6	4.1
18	6.5	12	9.0	8.8e	9.0	8.8	8.9	13	23	35	7.6	4.2
19	6.3	22	8.4e	9.0e	9.4	8.6	8.8	11	22	31	7.7	4.4
20	6.4	14	8.2e	9.6e	9.8	8.2	8.8	10	21	28	8.0	4.2
21	6.1	9.7	8.0e	10e	9.7	9.5	8.8	9.3	230	30	11	3.9
22	6.0	8.8	7.8e	10e	9.2	13	8.4	8.6	90	34	27	4.0
23	6.4	8.8	8.0e	9.2e	9.2	11	8.2	8.1	29	31	69	3.8
24	6.7	8.4e	8.0e	9.6	9.6	11	7.8	12	24	26	33	3.9
25	6.4	8.6e	8.2e	10	9.3	12	7.9	818	21	30	18	4.1
26	6.6	8.8	8.4	10	9.1	11	7.8	97	19	32	98	4.0
27	6.7	9.1	8.1	9.1	9.0	11	7.6	29	17	34	36	3.9
28	8.2	9.0	8.0	8.5	8.9	11	7.5	22	16	34	14	3.8
29	9.6	9.1	8.1	8.5	---	11	7.4	20	15	31	12	3.8
30	10	8.2e	8.6	8.7	---	15	7.1	19	15	28	12	3.7
31	8.9	---	8.4e	8.7	---	20	---	19	---	30	12	---
TOTAL	239.5	263.8	271.5	260.5	249.1	305	292.4	1743.2	2161	929	831.9	255.3
MEAN	7.7	8.8	8.8	8.4	8.9	9.8	9.7	56.3	72.0	30.0	26.9	8.5
MAX	11	22	10	10	11	20	14	818	493	37	98	21
MIN	6.0	6.4	7.8	7.0	7.2	8.0	7.1	6.9	15	17	7.6	3.7
AC-FT	475	523	539	517	494	605	580	3458	4286	1843	1650	506
CAL YEAR 2004 TOTAL			5453	MEAN	14.9	MAX	245.0	MIN	3.8	AC-FT	10820	
WTR YEAR 2005 TOTAL			7802	MEAN	21.4	MAX	818.0	MIN	3.7	AC-FT	15480	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	66	77	214	154
2	---	---	---	---	---	---	---	0.00	71	93	219	149
3	---	---	---	---	---	---	---	0.00	62	104	217	154
4	---	---	---	---	---	---	---	0.00	60	120	216	148
5	---	---	---	---	---	---	---	0.00	63	137	213	152
6	---	---	---	---	---	---	---	0.00	60	169	215	151
7	---	---	---	---	---	---	---	0.00	60	193	220	147
8	---	---	---	---	---	---	---	0.00	61	198	218	132
9	---	---	---	---	---	---	---	58	58	201	217	124
10	---	---	---	---	---	---	---	84	55	208	215	112
11	---	---	---	---	---	---	---	52	54	208	162	112
12	---	---	---	---	---	---	---	51	59	205	124	115
13	---	---	---	---	---	---	---	51	55	206	132	112
14	---	---	---	---	---	---	---	51	58	207	134	109
15	---	---	---	---	---	---	---	50	55	214	131	68
16	---	---	---	---	---	---	---	54	59	213	132	0.00
17	---	---	---	---	---	---	---	53	55	219	130	0.00
18	---	---	---	---	---	---	---	55	51	218	120	0.00
19	---	---	---	---	---	---	---	54	54	218	121	0.00
20	---	---	---	---	---	---	---	57	54	216	129	0.00
21	---	---	---	---	---	---	---	55	57	214	131	0.00
22	---	---	---	---	---	---	---	56	53	215	146	0.00
23	---	---	---	---	---	---	---	58	56	217	161	0.00
24	---	---	---	---	---	---	---	66	53	216	163	0.00
25	---	---	---	---	---	---	---	70	54	222	171	0.00
26	---	---	---	---	---	---	---	72	57	220	160	0.00
27	---	---	---	---	---	---	---	69	54	218	160	0.00
28	---	---	---	---	---	---	---	68	56	218	154	0.00
29	---	---	---	---	---	---	---	72	55	218	153	0.00
30	---	---	---	---	---	---	---	70	60	215	151	0.00
31	---	---	---	---	---	---	---	68	---	207	150	---
TOTAL	0	0	0	0	0	0	0	1394	1725	6004	5179	1939
MEAN	---	---	---	---	---	---	---	45.0	57.5	193.7	167.1	64.6
MAX	---	---	---	---	---	---	---	84	71	222	220	154
MIN	---	---	---	---	---	---	---	0.00	51	77	120	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2765	3421	11910	10270	3846
CAL YEAR 2004	MAX	214.0	MIN	0.000	AC-FT	37360						
WTR YEAR 2005	MAX	222.0	MIN	0.000	AC-FT	32210						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	34	44	137	82
2	---	---	---	---	---	---	---	0.00	37	55	134	76
3	---	---	---	---	---	---	---	0.00	50	67	126	81
4	---	---	---	---	---	---	---	0.00	31	78	125	80
5	---	---	---	---	---	---	---	0.00	32	85	127	80
6	---	---	---	---	---	---	---	0.00	31	89	132	83
7	---	---	---	---	---	---	---	0.00	31	114	135	86
8	---	---	---	---	---	---	---	0.00	32	120	136	82
9	---	---	---	---	---	---	---	0.00	33	118	133	77
10	---	---	---	---	---	---	---	33	34	129	130	62
11	---	---	---	---	---	---	---	37	34	132	117	63
12	---	---	---	---	---	---	---	27	33	127	78	68
13	---	---	---	---	---	---	---	20	37	120	78	67
14	---	---	---	---	---	---	---	20	38	118	79	62
15	---	---	---	---	---	---	---	22	35	126	77	59
16	---	---	---	---	---	---	---	22	36	125	79	16
17	---	---	---	---	---	---	---	21	40	134	92	0.97
18	---	---	---	---	---	---	---	22	34	141	86	0.00
19	---	---	---	---	---	---	---	21	33	136	84	0.00
20	---	---	---	---	---	---	---	20	37	135	91	0.00
21	---	---	---	---	---	---	---	20	41	136	95	0.00
22	---	---	---	---	---	---	---	19	33	136	97	0.00
23	---	---	---	---	---	---	---	21	33	138	98	0.00
24	---	---	---	---	---	---	---	24	35	136	100	0.00
25	---	---	---	---	---	---	---	27	33	136	102	0.00
26	---	---	---	---	---	---	---	33	36	131	94	0.00
27	---	---	---	---	---	---	---	34	36	132	88	0.00
28	---	---	---	---	---	---	---	32	36	134	88	0.00
29	---	---	---	---	---	---	---	34	35	134	93	0.00
30	---	---	---	---	---	---	---	35	36	136	86	0.00
31	---	---	---	---	---	---	---	36	---	142	84	---
TOTAL	0	0	0	0	0	0	0	580	1056	3684	3201	1124.97
MEAN	---	---	---	---	---	---	---	18.7	35.2	118.8	103.3	37.5
MAX	---	---	---	---	---	---	---	37	50	142	137	86
MIN	---	---	---	---	---	---	---	0.00	31	44	77	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1150	2095	7307	6349	2231
CAL YEAR 2004	MAX	137.0	MIN	0.000	AC-FT	22920						
WTR YEAR 2005	MAX	142.0	MIN	0.000	AC-FT	19130						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	34	29	84	54
2	---	---	---	---	---	---	---	0.00	33	33	86	55
3	---	---	---	---	---	---	---	0.00	38	47	84	57
4	---	---	---	---	---	---	---	0.00	32	57	74	58
5	---	---	---	---	---	---	---	0.00	29	58	70	60
6	---	---	---	---	---	---	---	0.00	30	53	75	66
7	---	---	---	---	---	---	---	0.00	31	61	81	68
8	---	---	---	---	---	---	---	0.00	30	72	84	71
9	---	---	---	---	---	---	---	0.00	33	72	84	68
10	---	---	---	---	---	---	---	26	35	78	83	64
11	---	---	---	---	---	---	---	23	35	82	78	66
12	---	---	---	---	---	---	---	23	34	83	68	69
13	---	---	---	---	---	---	---	23	36	81	73	69
14	---	---	---	---	---	---	---	22	37	77	76	62
15	---	---	---	---	---	---	---	21	35	77	74	59
16	---	---	---	---	---	---	---	22	35	77	70	22
17	---	---	---	---	---	---	---	22	37	81	72	0.00
18	---	---	---	---	---	---	---	21	35	85	73	0.00
19	---	---	---	---	---	---	---	21	34	87	75	0.00
20	---	---	---	---	---	---	---	21	36	87	78	0.00
21	---	---	---	---	---	---	---	20	40	87	75	0.00
22	---	---	---	---	---	---	---	19	35	86	74	0.00
23	---	---	---	---	---	---	---	19	33	87	68	0.00
24	---	---	---	---	---	---	---	22	35	87	64	0.00
25	---	---	---	---	---	---	---	26	33	83	63	0.00
26	---	---	---	---	---	---	---	31	33	79	61	0.00
27	---	---	---	---	---	---	---	32	36	79	53	0.00
28	---	---	---	---	---	---	---	31	36	81	50	0.00
29	---	---	---	---	---	---	---	31	33	82	55	0.00
30	---	---	---	---	---	---	---	33	30	81	53	0.00
31	---	---	---	---	---	---	---	34	---	82	53	---
TOTAL	0	0	0	0	0	0	0	543	1023	2291	2211	968
MEAN	---	---	---	---	---	---	---	17.5	34.1	73.9	71.3	32.3
MAX	---	---	---	---	---	---	---	34	40	87	86	71
MIN	---	---	---	---	---	---	---	0.00	29	29	50	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1077	2029	4544	4385	1920
CAL YEAR 2004	MAX	85.0	MIN	0.000	AC-FT	16810						
WTR YEAR 2005	MAX	87.0	MIN	0.000	AC-FT	13960						

**PLATTE RIVER BASIN
(Loup River)**

KENT CANAL from North Loup River, 00076500

LOCATION.--NWL/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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	251	142	0.00	0.00	---
2	---	---	---	---	---	---	0.00	249	144	0.00	0.00	---
3	---	---	---	---	---	---	0.00	249	137	0.00	0.00	---
4	---	---	---	---	---	---	0.00	249	139	0.00	0.00	---
5	---	---	---	---	---	---	0.00	251	142	0.00	0.00	---
6	---	---	---	---	---	---	0.00	252	145	0.00	0.00	---
7	---	---	---	---	---	---	0.00	253	145	0.00	0.00	---
8	---	---	---	---	---	---	0.00	256	144	0.00	0.00	---
9	---	---	---	---	---	---	0.00	251	144	0.00	0.00	---
10	---	---	---	---	---	---	0.00	235	144	0.00	0.00	---
11	---	---	---	---	---	---	22	234	141	0.00	0.00	---
12	---	---	---	---	---	---	71	250	141	0.00	0.00	---
13	---	---	---	---	---	---	125	249	142	0.00	0.00	---
14	---	---	---	---	---	---	175	247	104	0.00	0.00	---
15	---	---	---	---	---	---	208	249	89	0.00	0.00	---
16	---	---	---	---	---	---	222	249	67	0.00	0.00	---
17	---	---	---	---	---	---	220	250	34	0.00	0.00	---
18	---	---	---	---	---	---	231	251	28	0.00	0.00	---
19	---	---	---	---	---	---	245	252	27	0.00	0.00	---
20	---	---	---	---	---	---	249	250	28	0.00	0.00	---
21	---	---	---	---	---	---	245	253	27	0.00	0.00	---
22	---	---	---	---	---	---	246	254	5.7	0.00	0.00	---
23	---	---	---	---	---	---	243	252	0.00	0.00	0.00	---
24	---	---	---	---	---	---	248	253	0.00	0.00	0.00	---
25	---	---	---	---	---	---	246	250	0.00	0.00	---	---
26	---	---	---	---	---	---	248	173	0.00	0.00	---	---
27	---	---	---	---	---	---	248	144	0.00	0.00	---	---
28	---	---	---	---	---	---	249	144	0.00	0.00	---	---
29	---	---	---	---	---	---	250	146	0.00	0.00	---	---
30	---	---	---	---	---	---	249	149	0.00	0.00	---	---
31	---	---	---	---	---	---	---	143	---	0.00	---	---
TOTAL	0	0	0	0	0	0	4240	7138	2259.7	0	0	0
MEAN	---	---	---	---	---	---	141.3	230.3	75.3	0.000	0.000	---
MAX	---	---	---	---	---	---	250	256	145	0.00	0.00	---
MIN	---	---	---	---	---	---	0.00	143	0.00	0.00	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	8410	14160	4482	0.00	0.00	0.00
CAL YEAR 2004	MAX	269.0	MIN	0.000	AC-FT	26920						
WTR YEAR 2005	MAX	256.0	MIN	0.000	AC-FT	27050						

**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 6.18 feet February 9, 2001 due to backwater from ice; minimum daily discharge 90 cubic feet per second January 7, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 520 cubic feet per second April 24, gage height 4.81 feet; maximum gage height 5.12 feet January 23 due to backwater from ice; minimum daily discharge 180 cubic feet per second estimated January 7.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	248	231	234	238	241	243	263	244	283	238	202	217
2	256	230	240	234	254	249	254	234	296	239	213	217
3	246	232	243	237	260	257	254	231	369	235	222	223
4	237	238	249	209e	264	252	249	233	341	235	270	220
5	233	235	256	201e	264	245	245	249	362	228	242	219
6	231	234	257	190e	253	245	248	252	387	255	230	212
7	236	236	255	180e	237	236	239	258	381	258	224	217
8	237	235	250	195e	236	236	238	271	340	241	221	231
9	231	238	248	246	230	237	236	272	310	228	225	227
10	229	237	244	239	243	235	263	275	389	221	230	217
11	229	230	242	243	248	227	323	268	456	216	288	213
12	230	225	243	210e	259	227	327	378	421	215	265	224
13	229	226	233	225e	287	229	360	382	430	214	251	215
14	226	227	232	216e	294	227	324	434	421	214	255	213
15	223	230	240	210e	294	227	284	430	399	208	252	211
16	223	235	246	210e	280	232	265	367	404	207	250	210
17	227	238	249	225e	255	241	268	315	452	204	248	212
18	234	262	252	234e	252	232	276	331	456	203	232	215
19	229	295	248	234e	260	220	257	322	442	205	226	224
20	226	282	244	230e	261	227	286	304	405	207	228	220
21	227	275	240	226e	255	260	330	281	395	205	227	208
22	233	257	225e	230e	250	280	410	263	365	203	248	206
23	253	253	211e	244e	263	283	462	255	332	200	243	208
24	255	246	200e	261e	263	301	483	257	307	198	235	212
25	249	247	193e	268e	266	320	410	252	295	205	233	243
26	234	247	206e	264e	274	325	325	262	301	221	240	268
27	242	247	222e	250e	273	310	286	247	281	221	251	234
28	253	239	224e	239	263	291	273	235	264	223	233	223
29	249	239	245	236	---	274	265	235	249	214	228	216
30	237	236	246	233	---	342	254	235	237	209	224	212
31	230	---	243	233	---	283	---	271	---	205	221	---
TOTAL	7322	7282	7360	7090	7279	7993	8957	8843	10770	6775	7357	6587
MEAN	236.1	242.7	237.4	228.7	260.0	257.9	298.5	285.4	359.0	218.6	237.3	219.6
MAX	256	295	257	268	294	342	483	434	456	258	288	268
MIN	223	225	193	180	230	220	236	231	237	198	202	206
AC-FT	14520	14440	14600	14060	14440	15850	17770	17540	21360	13440	14590	13070
CAL YEAR 2004	TOTAL		89745	MEAN	245.2	MAX	537.0	MIN	193.0	AC-FT	178000	
WTR YEAR 2005	TOTAL		93615	MEAN	256.5	MAX	483.0	MIN	180.0	AC-FT	185700	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	69060	78600	90200	100900	113100	122100	123300	122000	120400	121100	92040	73790
2	69330	78900	90520	101200	113400	122200	122900	121700	120500	120700	91060	73320
3	69610	79200	90770	101400	113700	122200	123000	121500	121100	120100	90030	72790
4	69820	79620	91180	102000	114300	122300	122700	121600	121500	119600	89100	72460
5	70060	79850	91590	102200	114700	122200	122700	121700	121500	119000	88340	72000
6	70380	80260	91960	102400	115000	122200	122800	122100	121400	118100	87460	71360
7	70700	80680	92330	102700	115300	122500	122400	122200	121400	117300	86820	71220
8	71080	80980	92790	103000	115700	122200	122200	122400	121700	116400	86070	70870
9	71330	81290	93290	103400	116100	122200	121900	122600	121600	115500	85400	70560
10	71540	81790	93540	103900	116400	122500	121900	122500	121400	114600	84340	69920
11	71900	82060	94000	104200	116900	122200	122400	122500	122100	113400	84340	69510
12	72360	82360	94460	104700	117400	122200	122400	122900	122200	112900	83910	69230
13	72640	82670	94550	105100	118000	122100	122200	123200	122400	111900	83400	68740
14	72720	83060	94630	105400	118200	121800	122200	123500	122300	110900	82670	68330
15	73040	83440	94970	105700	118800	121700	122200	123200	122600	109700	82090	67990
16	73500	83790	95430	106000	119300	121800	122200	123200	122700	108800	81630	67990
17	73760	84180	95770	106500	119600	121800	122200	123100	122900	107600	81060	67850
18	74040	84730	96110	106800	120000	122100	122100	123500	123100	106700	80640	67710
19	74370	85480	96450	107300	120400	121700	122100	123000	123300	105600	80070	67580
20	74660	85910	96880	107900	120700	121400	122400	122800	123500	104500	79390	67610
21	74990	86220	97310	108200	121100	122200	122600	122400	122900	103400	78570	67470
22	75350	86780	97350	108800	121500	122400	123000	122200	123900	102200	77900	67240
23	75720	87260	97650	109100	121800	122600	122700	121800	123600	101300	77080	67100
24	76120	87650	98000	109400	122100	122600	122800	121800	123200	100100	76420	66960
25	76300	87930	98300	110000	122100	122700	123100	121800	123000	99030	75860	66860
26	76670	88340	98640	110500	122100	122900	123300	121500	122800	98080	75610	66830
27	77040	88700	99030	110800	122400	122900	122800	121200	122500	96960	75280	67170
28	77410	89060	99380	111300	122600	123100	122700	121000	122200	95810	75020	66660
29	77820	89460	99820	111800	---	123200	122500	120700	122000	94670	74840	66860
30	78190	89870	100300	112200	---	123700	122200	120500	121400	93710	74550	66860
31	78380	---	100600	112500	---	123500	---	120400	---	92830	73900	---
MEAN	73540	84000	95410	106400	118300	122400	122500	122100	122200	108100	81770	69030
MAX	78380	89870	100600	112500	122600	123700	123300	123500	123900	121100	92040	73790
MIN	69060	78600	90200	100900	113100	121400	121900	120400	120400	92830	73900	66660
CAL YEAR 2004	MEAN	102700	MAX	129700	MIN	67240						
WTR YEAR 2005	MEAN	102100	MAX	123900	MIN	66660						

**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 2005												
	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	180	255	548	231
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179	290	586	230
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180	293	602	209
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181	324	506	203
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181	386	456	193
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	171	452	427	175
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169	486	434	164
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	168	508	474	158
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170	496	527	159
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169	490	453	160
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170	494	344	157
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172	520	322	153
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174	551	337	145
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172	571	327	103
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132	564	323	21
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122	547	347	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18	125	548	362	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70	126	570	354	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70	126	583	437	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70	151	607	454	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70	161	632	433	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70	181	610	425	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76	188	589	356	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82	191	588	329	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73	186	590	308	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165	186	556	270	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177	187	552	171	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179	193	557	155	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	185	205	562	161	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	187	206	529	206	0.00
31	0.00	---	0.00	0.00	---	0.00	---	182	---	519	202	---
TOTAL	0	0	0	0	0	0	0	1674	5102	15819	11636	2461
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.0	170.1	510.3	375.4	82.0
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187	206	632	602	231
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122	255	155	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3320	10120	31380	23080	4881
CAL YEAR 2004	MAX	560.0	MIN	0.000	AC-FT	84620						
WTR YEAR 2005	MAX	632.0	MIN	0.000	AC-FT	72780						

**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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	4.4	4.1	6.9	7.2	6.5	11	9.1	6.6	16	15	11
2	15	4.3	5.0	7.0	7.1	5.2	9.0	8.8	6.6	15	15	12
3	15	4.5	7.0	6.9	7.2	5.1	8.9	11	6.4	15	15	12
4	15	4.4	6.9	6.8	7.3	5.1	10	13	6.4	14	15	14
5	15	4.4	7.0	6.6	7.3	5.2	9.3	12	6.5	15	15	15
6	15	4.4	7.0	7.0	7.2	5.2	8.2	10	7.0	15	15	13
7	15	4.4	7.0	7.0	7.2	4.9	6.0	10	6.9	15	15	11
8	15	4.4	6.6	7.1	7.2	4.5	7.2	10	14	14	15	11
9	15	4.4	6.9	7.0	7.3	4.2	7.0	10	16	14	15	9.1
10	15	4.4	7.0	7.0	7.2	4.5	13	10	14	13	14	9.0
11	15	4.2	6.9	6.9	7.4	4.4	17	10	14	12	15	9.5
12	15	4.4	7.0	7.0	7.2	4.2	14	10	14	12	15	9.0
13	16	4.3	7.0	7.0	7.3	4.2	10	10	13	11	15	8.3
14	13	4.3	6.9	7.0	7.4	4.1	10	10	13	11	14	7.7
15	7.8	4.3	6.9	6.6	7.4	4.1	9.9	10	11	11	14	7.9
16	6.6	4.3	6.9	7.0	7.4	4.2	11	10	11	11	14	8.0
17	4.4	4.3	6.8	6.8	7.5	4.4	9.3	10	11	11	13	8.2
18	4.4	4.3	6.8	7.0	7.2	4.3	8.6	10	11	11	13	8.2
19	4.5	4.3	6.9	7.0	7.5	4.3	8.7	10	11	11	13	8.3
20	4.4	4.3	6.6	7.0	7.5	4.2	9.1	10	11	11	13	8.9
21	4.3	4.3	6.9	7.1	7.4	4.2	13	10	11	11	13	11
22	4.6	4.3	6.9	7.0	7.5	4.1	21	10	12	11	13	12
23	4.5	4.3	6.8	7.0	7.5	4.1	22	10	14	12	12	12
24	4.4	4.3	6.8	7.0	10	4.2	22	10	15	12	12	12
25	4.4	4.3	6.9	7.1	13	4.2	16	10	16	14	12	12
26	4.4	4.2	6.8	7.1	7.4	4.2	12	10	16	15	12	12
27	4.4	4.3	6.9	7.2	7.3	4.2	14	10	15	14	12	14
28	4.3	4.3	6.8	7.1	7.3	11	12	10	14	15	12	13
29	4.4	4.3	7.0	7.1	---	23	11	10	13	15	12	11
30	4.4	4.3	6.7	7.2	---	18	8.6	10	13	15	13	11
31	4.4	---	7.0	7.1	---	9.8	---	10	---	15	12	---
TOTAL	289.6	129.9	208.7	216.6	213.4	183.8	348.8	313.9	349.4	407	423	321.1
MEAN	9.3	4.3	6.7	7.0	7.6	5.9	11.6	10.1	11.6	13.1	13.6	10.7
MAX	16	4.5	7.0	7.2	13	23	22	13	16	16	15	15
MIN	4.3	4.2	4.1	6.6	7.1	4.1	6.0	8.8	6.4	11	12	7.7
AC-FT	574	258	414	430	423	365	692	623	693	807	839	637
CAL YEAR 2004	TOTAL		3583	MEAN	9.8	MAX	22.0	MIN	0.50	AC-FT	7107	
WTR YEAR 2005	TOTAL		3405	MEAN	9.3	MAX	23.0	MIN	4.1	AC-FT	6754	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	230	238	115	129	11
2	---	---	---	---	---	---	---	235	241	125	96	13
3	---	---	---	---	---	---	---	236	249	124	94	20
4	---	---	---	---	---	---	---	231	249	119	97	26
5	---	---	---	---	---	---	---	228	241	134	110	29
6	---	---	---	---	---	---	---	231	239	130	130	27
7	---	---	---	---	---	---	---	229	238	119	138	13
8	---	---	---	---	---	---	---	232	236	107	121	8.1
9	---	---	---	---	---	---	---	239	233	104	105	4.8
10	---	---	---	---	---	---	---	238	231	119	115	6.7
11	---	---	---	---	---	---	---	236	233	123	165	7.7
12	---	---	---	---	---	---	---	239	238	120	198	18
13	---	---	---	---	---	---	---	239	238	116	191	11
14	---	---	---	---	---	---	2.9	239	218	110	173	12
15	---	---	---	---	---	---	83	240	167	94	173	46
16	---	---	---	---	---	---	172	229	122	85	175	53
17	---	---	---	---	---	---	178	224	83	90	151	34
18	---	---	---	---	---	---	189	222	59	110	152	33
19	---	---	---	---	---	---	217	232	56	103	152	21
20	---	---	---	---	---	---	234	231	87	90	136	31
21	---	---	---	---	---	---	230	227	102	90	143	30
22	---	---	---	---	---	---	224	226	91	103	137	32
23	---	---	---	---	---	---	219	225	90	114	129	31
24	---	---	---	---	---	---	216	221	100	119	148	31
25	---	---	---	---	---	---	199	224	115	114	161	26
26	---	---	---	---	---	---	231	234	107	106	163	6.8
27	---	---	---	---	---	---	244	236	95	111	101	1.7
28	---	---	---	---	---	---	236	237	93	110	57	0.63
29	---	---	---	---	---	---	230	237	87	108	43	0.00
30	---	---	---	---	---	---	228	236	94	123	23	0.00
31	---	---	---	---	---	---	---	235	---	146	19	---
TOTAL	0	0	0	0	0	0	3332.9	7198	4870	3481	3925	584.43
MEAN	---	---	---	---	---	---	196.1	232.2	162.3	112.2	126.6	19.4
MAX	---	---	---	---	---	---	244	240	249	146	198	53
MIN	---	---	---	---	---	---	2.9	221	56	85	19	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	6611	14280	9660	6904	7785	1159
CAL YEAR 2004	MAX	243.0	MIN	0.000	AC-FT	49910						
WTR YEAR 2005	MAX	249.0	MIN	0.000	AC-FT	46400						

**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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9940	9780	9590	9340	9130	8960	8770	15020	26320	31140	19030	12560
2	9950	9760	9580	9320	9130	8950	8770	15440	26760	30930	18560	12310
3	9970	9750	9580	9320	9120	8940	8760	15830	27270	30810	18050	12060
4	9980	9730	9570	9310	9110	8930	8750	16260	27580	30600	17390	11810
5	9970	9720	9560	9300	9100	8930	8740	16800	27920	30460	17000	11580
6	9970	9700	9560	9300	9090	8920	8740	17110	28200	30240	16640	11360
7	9990	9690	9550	9290	9090	8910	8730	17460	28560	29920	16410	11160
8	9980	9680	9550	9280	9080	8900	8730	17950	28850	29510	16230	10910
9	9970	9670	9540	9280	9070	8890	8720	18320	29100	29030	15840	10650
10	9970	9670	9540	9270	9070	8880	8750	18790	29500	28570	15330	10380
11	9950	9660	9530	9260	9060	8860	8750	19230	29800	28180	14850	10110
12	9940	9660	9510	9260	9070	8850	8730	19860	30080	27770	14550	9860
13	9930	9650	9500	9260	9070	8840	8720	20250	30390	27270	14560	9630
14	9920	9640	9490	9240	9080	8840	8700	20610	30700	26790	14650	9400
15	9910	9630	9480	9240	9070	8820	8740	21050	30910	26350	14680	9280
16	9900	9620	9470	9230	9060	8820	9030	21450	31040	25920	14690	9400
17	9890	9620	9460	9220	9050	8810	9380	21790	31100	25510	14580	9480
18	9880	9660	9450	9210	9040	8800	9680	22130	31100	25180	14370	9540
19	9880	9660	9440	9210	9040	8790	10050	22420	31030	24740	14250	9620
20	9870	9650	9420	9210	9030	8780	10570	22720	30980	24200	14030	9640
21	9860	9640	9420	9200	9020	8770	11030	22990	31220	23490	13840	9700
22	9850	9640	9400	9200	9020	8780	11430	23280	31280	22560	13760	9760
23	9840	9630	9380	9190	9020	8780	11850	23570	31250	22600	13540	9810
24	9830	9630	9380	9180	9000	8790	12180	23860	31250	22240	13480	9860
25	9820	9620	9380	9170	9000	8790	12580	24180	31250	21920	13460	9910
26	9820	9620	9370	9170	8990	8790	13060	24440	31300	21360	13530	9960
27	9820	9620	9360	9160	8980	8780	13400	24710	31300	21030	13560	9960
28	9810	9620	9360	9160	8980	8770	13820	25030	31310	20520	13420	9940
29	9800	9610	9360	9150	---	8760	14250	25330	31300	20020	13230	9930
30	9800	9600	9350	9140	---	8770	14540	25660	31240	19590	13000	9930
31	9790	---	9340	9140	---	8770	---	26000	---	19280	12760	---
MEAN	9897	9661	9467	9233	9056	8838	10270	20950	30000	25730	14940	10320
MAX	9990	9780	9590	9340	9130	8960	14540	26000	31310	31140	19030	12560
MIN	9790	9600	9340	9140	8980	8760	8700	15020	26320	19280	12760	9280
CAL YEAR 2004	MEAN	14190	MAX	31120	MIN	7420						
WTR YEAR 2005	MEAN	14060	MAX	31310	MIN	8700						

**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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	53	158	329	141
2	---	---	---	---	---	---	---	0.00	54	167	344	144
3	---	---	---	---	---	---	---	0.00	54	167	346	143
4	---	---	---	---	---	---	---	0.00	54	174	345	143
5	---	---	---	---	---	---	---	0.00	53	205	302	142
6	---	---	---	---	---	---	---	0.00	54	254	242	132
7	---	---	---	---	---	---	---	0.00	55	280	239	129
8	---	---	---	---	---	---	---	0.00	53	298	297	137
9	---	---	---	---	---	---	---	0.00	54	298	343	139
10	---	---	---	---	---	---	---	0.00	53	297	363	139
11	---	---	---	---	---	---	---	0.00	53	304	344	137
12	---	---	---	---	---	---	---	0.00	53	324	224	136
13	---	---	---	---	---	---	---	0.00	53	328	160	120
14	---	---	---	---	---	---	---	0.00	53	308	146	80
15	---	---	---	---	---	---	---	0.00	53	291	158	20
16	---	---	---	---	---	---	---	0.00	53	259	211	0.00
17	---	---	---	---	---	---	---	39	53	247	259	0.00
18	---	---	---	---	---	---	---	61	53	292	223	0.00
19	---	---	---	---	---	---	---	57	52	335	248	0.00
20	---	---	---	---	---	---	---	63	61	348	228	0.00
21	---	---	---	---	---	---	---	62	65	346	220	0.00
22	---	---	---	---	---	---	---	55	65	339	222	0.00
23	---	---	---	---	---	---	---	51	65	283	183	0.00
24	---	---	---	---	---	---	---	50	65	270	161	0.00
25	---	---	---	---	---	---	---	49	64	300	160	0.00
26	---	---	---	---	---	---	---	49	65	308	149	0.00
27	---	---	---	---	---	---	---	49	64	335	142	0.00
28	---	---	---	---	---	---	0.00	50	65	340	142	0.00
29	---	---	---	---	---	---	0.00	49	67	323	142	0.00
30	---	---	---	---	---	---	0.00	50	98	281	141	0.00
31	---	---	---	---	---	---	---	52	---	272	140	---
TOTAL	0	0	0	0	0	0	0	786	1757	8731	7153	1882
MEAN	---	---	---	---	---	---	0.000	25.3	58.6	281.5	230.7	62.7
MAX	---	---	---	---	---	---	0.00	63	98	348	363	144
MIN	---	---	---	---	---	---	0.00	0.00	52	158	140	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1559	3485	17320	14190	3733
CAL YEAR 2004	MAX	402.0	MIN	0.000	AC-FT	43720						
WTR YEAR 2005	MAX	363.0	MIN	0.000	AC-FT	40280						

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 453 cubic feet per second May 18, gage height 3.21 feet; minimum daily discharge 111 cubic feet per second January 23, 24, and February 3.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	201	147	123	124	112	288	394	409	203	211	222	245
2	168	134	123	123	112	280	404	352	201	217	224	255
3	168	127	123	121	111	280	404	284	207	221	225	257
4	164	121	123	116	112	283	407	244	207	228	246	273
5	156	122	125	116	114	282	406	233	204	234	253	291
6	154	124	126	114	114	283	407	248	203	236	238	294
7	154	125	127	113	115	295	405	260	202	252	228	294
8	149	125	127	112	115	291	407	260	201	257	218	294
9	149	124	129	115	114	291	380	259	202	250	214	305
10	148	124	131	114	115	313	368	266	204	233	212	317
11	147	123	131	114	115	296	374	269	208	226	235	318
12	147	121	132	114	115	293	366	316	206	223	245	320
13	144	119	132	114	114	297	360	358	208	225	252	313
14	145	120	132	114	114	288	359	411	205	223	260	310
15	144	120	130	114	114	279	360	426	221	219	262	312
16	142	119	129	113	118	276	363	427	232	216	263	315
17	143	118	127	113	122	270	361	444	234	216	262	318
18	145	118	128	113	122	275	353	444	232	216	260	323
19	146	117	128	114	124	266	350	446	246	215	244	325
20	147	117	129	114	124	249	355	437	257	215	229	324
21	149	116	129	112	124	283	367	408	272	216	238	325
22	147	115	129	116	137	292	408	365	271	214	239	325
23	146	115	128	111	211	291	417	299	269	212	237	326
24	148	114	127	111	245	302	420	257	268	210	236	327
25	149	114	128	112	254	307	426	229	267	210	237	329
26	149	115	128	112	253	313	434	221	268	215	237	327
27	152	117	129	113	260	317	443	223	253	229	243	332
28	151	116	128	112	288	337	442	223	242	234	258	335
29	153	118	128	112	---	365	440	218	239	221	242	333
30	151	122	127	112	---	379	430	207	215	219	242	263
31	154	---	127	112	---	378	---	208	---	222	228	---
TOTAL	4710	3627	3963	3540	4088	9239	11810	9651	6847	6935	7429	9225
MEAN	152.0	120.8	127.7	114.2	146.0	298.0	393.7	311.3	228.3	223.8	239.5	307.6
MAX	201	147	132	124	288	379	443	446	272	257	263	335
MIN	142	114	123	111	111	249	350	207	201	210	212	245
AC-FT	9342	7194	7860	7021	8108	18330	23420	19140	13580	13760	14740	18300
CAL YEAR 2004	TOTAL		62008	MEAN	169.4	MAX	315.0	MIN	22.0	AC-FT	123000	
WTR YEAR 2005	TOTAL		81064	MEAN	222.1	MAX	446.0	MIN	111.0	AC-FT	160800	

**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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	40	55	116	70
2	---	---	---	---	---	---	---	43	42	44	125	69
3	---	---	---	---	---	---	---	91	45	55	125	65
4	---	---	---	---	---	---	---	47	38	62	129	68
5	---	---	---	---	---	---	---	44	34	85	112	69
6	---	---	---	---	---	---	---	45	40	116	102	68
7	---	---	---	---	---	---	---	46	41	119	107	66
8	---	---	---	---	---	---	---	47	42	119	111	59
9	---	---	---	---	---	---	---	46	48	119	120	54
10	---	---	---	---	---	---	---	40	45	112	122	47
11	---	---	---	---	---	---	---	43	42	115	96	47
12	---	---	---	---	---	---	---	48	38	115	61	47
13	---	---	---	---	---	---	---	45	41	120	65	44
14	---	---	---	---	---	---	---	43	44	119	64	39
15	---	---	---	---	---	---	---	43	40	115	68	20
16	---	---	---	---	---	---	---	42	39	118	69	0.00
17	---	---	---	---	---	---	---	42	37	116	68	0.00
18	---	---	---	---	---	---	---	40	36	114	69	0.00
19	---	---	---	---	---	---	---	42	35	115	83	0.00
20	---	---	---	---	---	---	---	41	33	122	91	0.00
21	---	---	---	---	---	---	---	39	34	123	89	0.00
22	---	---	---	---	---	---	---	38	37	121	107	0.00
23	---	---	---	---	---	---	---	38	39	116	104	0.00
24	---	---	---	---	---	---	---	39	39	113	94	0.00
25	---	---	---	---	---	---	---	38	40	118	97	0.00
26	---	---	---	---	---	---	---	27	40	121	96	0.00
27	---	---	---	---	---	---	---	37	41	114	78	0.00
28	---	---	---	---	---	---	---	39	42	116	80	0.00
29	---	---	---	---	---	---	---	38	43	112	78	0.00
30	---	---	---	---	---	---	---	37	46	114	76	0.00
31	---	---	---	---	---	---	---	38	---	110	72	---
TOTAL	0	0	0	0	0	0	0	1286	1201	3333	2874	832
MEAN	---	---	---	---	---	---	---	41.5	40.0	107.5	92.7	27.7
MAX	---	---	---	---	---	---	---	91	48	123	129	70
MIN	---	---	---	---	---	---	---	0.00	33	44	61	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2551	2382	6611	5700	1650
CAL YEAR 2004	MAX	123.0	MIN	0.000	AC-FT	21700						
WTR YEAR 2005	MAX	129.0	MIN	0.000	AC-FT	18890						

**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 2,960 cubic feet per second June 15, gage height 3.73 feet; maximum gage height 4.03 feet January 27 due to backwater from ice; minimum daily discharge 425 cubic feet per second July 24.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1090	891	650	720e	980e	973	1280	843	702	717	468	653
2	985	836	716	740e	750	997	1260	735	786	798	494	700
3	988	769	816	720e	722	972	1210	640	2060	767	545	694
4	967	716	772	670e	686	993	1200	562	1410	702	824	618
5	976	686	762	580e	662	1030	1200	545	829	668	852	666
6	1000	690	848	600e	653	1060	1230	587	769	659	666	694
7	1000	726	868	680e	632	1030	1210	673	793	633	572	714
8	984	755	809	680e	652	1020	1180	644	820e	618	556	766
9	982	795	810	630e	640	1040	1180	695	930e	622	530	917
10	949	797	798	650e	723	1040	1180	631	1070e	596	762	848
11	899	793	785	630e	717	1050	1450	620	1230e	543	1430	845
12	850	741	741	670e	710	1050	1270	1070	1280	551	1310	877
13	819	690	742	770e	868	1050	1170	1250	1700	541	949	952
14	847	676	706	770e	819	1060	1000	1130	1750	550	942	889
15	841	730e	773	680e	771	1000	963	1120	2400	533	934	975
16	793	730e	769	560e	799	1000	976	1020	1870	490	966	976
17	799	764	760	550e	840	1010	989	1000	1960	479	891	946
18	747	917	774	550e	830	988	934	1050	1530	469	821	963
19	780	1080	764	600e	786	929	844	1080	1430	459	670	971
20	856	958	815	720e	776	861	857	1070	1340	457	629	968
21	804	904	755	900e	794	962	1000	969	1550	517	710	940
22	846	869	751	980e	777	1200	1920	835	1200	504	700	909
23	864	817	700	910e	874	1090	2390	736	1070	476	714	914
24	863	820	650e	810e	885	980	1920	599	979	425	664	930
25	838	781	580e	790e	911	1020	1510	672	1020	434	605	1060
26	840	706	620e	930e	932	1020	1330	563	984	464	745	1100
27	873	767	750e	1030e	975	1080	1200	661	975	545	694	1010
28	894	785	770e	960e	1010	1180	1160	642	874	611	695	976
29	914	815	790e	880e	---	1240	1020	653	877	593	669	1020
30	943	704	740e	860e	---	1560	1020	627	826	555	697	978
31	907	---	750e	910e	---	1290	---	660	---	528	664	---
TOTAL	27738	23708	23334	23130	22174	32775	37053	24582	37014	17504	23368	26469
MEAN	894.7	790.5	752.7	746.2	792.0	1057	1235	793.4	1234	564.7	753.9	882.2
MAX	1090	1080	868	1030	1010	1560	2390	1250	2400	798	1430	1100
MIN	747	676	580	550	632	861	844	545	702	425	468	618
AC-FT	55020	47020	46280	45880	43980	65010	73490	48760	73420	34720	46350	52500
CAL YEAR 2004	TOTAL		260456	MEAN	711.6	MAX	2380	MIN	357.0	AC-FT	516600	
WTR YEAR 2005	TOTAL		318849	MEAN	873.6	MAX	2400	MIN	425.0	AC-FT	632400	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	24	58	100	62
2	---	---	---	---	---	---	---	0.00	24	63	106	62
3	---	---	---	---	---	---	---	47	24	62	108	62
4	---	---	---	---	---	---	---	55	14	64	112	61
5	---	---	---	---	---	---	---	29	13	73	98	61
6	---	---	---	---	---	---	---	27	20	84	96	58
7	---	---	---	---	---	---	---	27	23	88	97	54
8	---	---	---	---	---	---	---	25	24	93	102	49
9	---	---	---	---	---	---	---	26	21	97	103	44
10	---	---	---	---	---	---	---	26	21	96	103	43
11	---	---	---	---	---	---	---	26	24	117	96	46
12	---	---	---	---	---	---	---	28	20	105	81	40
13	---	---	---	---	---	---	---	25	21	110	83	35
14	---	---	---	---	---	---	---	23	20	113	85	30
15	---	---	---	---	---	---	---	25	23	110	76	17
16	---	---	---	---	---	---	---	26	20	106	71	0.00
17	---	---	---	---	---	---	---	25	22	111	68	0.00
18	---	---	---	---	---	---	---	27	21	107	67	0.00
19	---	---	---	---	---	---	---	27	23	105	65	0.00
20	---	---	---	---	---	---	---	24	23	107	75	0.00
21	---	---	---	---	---	---	---	24	23	109	88	0.00
22	---	---	---	---	---	---	---	24	21	109	86	0.00
23	---	---	---	---	---	---	---	24	21	109	91	0.00
24	---	---	---	---	---	---	---	26	21	110	84	0.00
25	---	---	---	---	---	---	---	22	21	108	73	0.00
26	---	---	---	---	---	---	---	22	20	107	67	0.00
27	---	---	---	---	---	---	---	28	24	110	65	0.00
28	---	---	---	---	---	---	---	26	32	107	67	0.00
29	---	---	---	---	---	---	---	24	43	100	60	0.00
30	---	---	---	---	---	---	---	24	56	101	63	---
31	---	---	---	---	---	---	---	25	---	101	61	---
TOTAL	0	0	0	0	0	0	0	787	707	3040	2597	724
MEAN	---	---	---	---	---	---	---	25.4	23.6	98.1	83.8	25.0
MAX	---	---	---	---	---	---	---	55	56	117	112	62
MIN	---	---	---	---	---	---	---	0.00	13	58	60	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1561	1402	6030	5151	1436
CAL YEAR 2004	MAX	130.0	MIN	0.000	AC-FT	18240						
WTR YEAR 2005	MAX	117.0	MIN	0.000	AC-FT	15580						

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 fair.

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 315 cubic feet per second June 3, gage height 4.11 feet; minimum daily discharge 1.00 cubic feet per second September 30.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.8	1.3	3.8	2.6	3.5	3.7	10	3.6	11	9.0	11	9.4
2	3.7	1.6	3.3	2.5	3.6	3.6	9.1	3.4	19	9.2	11	9.3
3	2.6	1.4	3.2	2.9	3.8	3.3	7.6	3.2	173	9.2	10	9.4
4	2.5	1.3	3.2	2.8	3.8	3.2	6.7	3.1	249	9.6	11	8.9
5	2.6	1.3	3.4	3.1	4.1	3.3	6.3	3.0	96	11	12	8.1
6	2.3	1.3	3.6	7.3	4.1	3.1	6.3	3.0	42	11	13	7.7
7	2.7	1.5	3.5	4.6	4.0	3.5	5.6	3.1	25	11	12	7.1
8	2.2	1.5	3.5	5.1	3.1	4.3	4.8	3.1	20	9.9	10	6.7
9	1.9	1.5	3.5	3.7	4.3	4.1	4.5	3.8	17	12	9.4	6.0
10	2.0	1.5	3.5	3.1	3.5	4.3	4.7	3.2	23	12	10	6.9
11	1.9	1.7	3.4	2.9	3.4	4.4	7.7	3.1	20	13	15	5.2
12	1.8	1.7	4.5	3.4	3.5	4.2	7.9	18	16	12	18	4.9
13	1.8	1.5	4.5	7.7	5.5	3.7	7.0	9.9	15	10	17	5.5
14	1.7	1.5	3.8	8.2	6.1	3.5	6.1	8.3	14	11	16	6.6
15	1.7	1.6	4.0	5.9	6.0	3.0	5.4	7.8	15	10	14	5.2
16	1.6	1.8	3.8	4.7	5.4	3.0	5.2	6.7	13	9.6	13	3.5
17	1.5	1.9	3.5	3.9	4.9	3.1	6.0	5.3	13	10	13	3.1
18	1.4	3.2	3.7	3.3	4.5	4.1	4.6	4.6	13	12	12	3.1
19	1.4	6.7	3.2	2.8	4.5	3.5	4.5	3.9	11	13	11	3.1
20	1.4	8.1	3.6	3.0	4.4	3.2	4.7	4.6	11	12	9.7	2.8
21	1.4	6.7	3.1	4.5	4.5	4.4	5.0	5.2	92	12	8.7	2.2
22	1.4	5.8	3.4	4.0	4.2	6.4	4.9	5.0	31	12	13	1.9
23	1.4	5.0	3.6	6.8	4.1	6.8	4.9	4.5	24	9.6	15	1.8
24	1.3	4.6	4.1	4.3	4.3	6.9	4.7	5.9	19	8.5	14	1.5
25	1.2	3.5	2.9	4.1	4.0	6.9	4.5	17	16	7.9	13	1.4
26	1.1	3.3	2.6	4.2	3.9	6.5	4.4	25	14	8.9	11	1.3
27	1.2	3.5	2.6	4.0	3.9	5.9	4.0	22	13	9.3	10	1.1
28	1.1	3.3	2.5	3.8	4.2	5.4	3.8	16	12	11	9.2	1.1
29	1.2	3.9	2.5	3.8	---	5.2	3.8	14	11	12	8.8	1.1
30	1.6	3.8	2.6	3.7	---	7.5	3.7	12	9.8	12	8.8	1.00
31	1.6	---	2.8	3.5	---	11	---	12	---	12	9.8	---
TOTAL	59	87.3	105.2	130.2	119.1	145	168.4	243.3	1057.8	331.7	369.4	136.9
MEAN	1.9	2.9	3.4	4.2	4.2	4.7	5.6	7.8	35.3	10.6	11.9	4.6
MAX	5.8	8.1	4.5	8.2	6.1	11	10	25	249	13	18	9.4
MIN	1.1	1.3	2.5	2.5	3.1	3.0	3.7	3.0	9.8	7.9	8.7	1.00
AC-FT	117	173	209	258	236	288	334	483	2098	658	733	272
CAL YEAR 2004 TOTAL			2775	MEAN	7.6	MAX	36.0	MIN	1.1	AC-FT	5505	
WTR YEAR 2005 TOTAL			2953	MEAN	8.1	MAX	249.0	MIN	1.0	AC-FT	5858	

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 627 cubic feet per second on June 4, gage height 4.89 feet; maximum gage height 5.04 feet January 25 due to backwater from ice conditions; minimum daily discharge 136 cubic feet per second September 11.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	178	141	172	164	160	167	270	163	184	142	99	130
2	174	141	187	168	161	175	299	154	192	145	102	125
3	169	120	173	174	164	172	268	148	296	128	98	125
4	165	124	158	172	169	171	228	147	399	185	128	137
5	164	129	169	140e	176	170	208	145	335	123	124	133
6	180	134	177	105e	173	168	193	147	315	181	114	135
7	192	131	171	135e	162	163	175	145	292	217	111	133
8	167	132	165	135e	160	160	170	149	275	186	108	132
9	154	137	168	125e	161	162	166	148	276	135	107	131
10	150	142	163	130e	164	160	173	154	340	132	141	128
11	152	144	159	140e	165	156	210	161	287	136	216	114
12	152	144	166	150e	171	153	187	272	265	148	237	123
13	151	143	153	125e	219	151	181	264	270	134	205	139
14	149	145	157	100e	228	147	176	263	333	127	161	140
15	154	146	157	100e	214	144	174	296	391	123	162	137
16	151	144	160	100e	205	132	170	293	394	119	144	135
17	152	144	159	105e	192	128	167	259	340	123	140	136
18	153	167	157	125e	176	140	165	229	272	127	135	130
19	152	203	152	150e	177	135	164	213	226	131	128	143
20	151	198	167	160e	178	142	201	203	200	113	119	135
21	151	171	154	135e	174	185	251	191	229	117	125	133
22	156	171	150e	110e	173	225	244	175	223	119	147	132
23	158	169	130e	130e	177	228	223	164	222	117	144	130
24	153	168	140e	160e	176	234	255	160	260	110	138	135
25	148	142	160e	170e	178	239	296	197	248	115	122	141
26	146	141	170e	165e	180	219	277	199	216	115	149	149
27	147	143	170e	158	178	203	232	171	189	113	138	147
28	149	145	160e	155	174	195	203	155	171	110	148	145
29	151	158	170e	155	---	188	190	156	158	108	141	136
30	146	156	165e	157	---	242	177	150	148	103	137	140
31	142	---	171	155	---	262	---	167	---	100	134	---
TOTAL	4857	4473	5030	4353	4985	5516	6293	5838	7946	4082	4302	4029
MEAN	156.6	149.1	162.3	140.4	178.0	177.9	209.8	188.3	264.9	131.6	138.8	134.3
MAX	192	203	187	174	228	262	299	296	399	217	237	149
MIN	142	120	130	100	160	128	164	145	148	100	98	114
AC-FT	9634	8872	9977	8634	9888	10940	12480	11580	15760	8097	8533	7991
CAL YEAR 2004	TOTAL		57246	MEAN	156.4	MAX	307.0	MIN	109.0	AC-FT	113500	
WTR YEAR 2005	TOTAL		61704	MEAN	169.1	MAX	399.0	MIN	98.0	AC-FT	122400	

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 2,610 cubic feet per second June 22, gage height 4.15 feet; maximum gage height 4.98 feet November 30 due to backwater from ice conditions; minimum daily discharge 74 cubic feet per second July 27.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	283	239	210e	260e	300e	234	346	225	277	281	90	132
2	266	217	225e	265e	300e	242	338	226	268	294	88	143
3	216	188	180e	265e	300e	240	378	209	385	381	88	140
4	215	208	327	250e	300e	239	356	178	954	289	98	136
5	203	192	271	245e	290e	236	300	228	848	258	117	147
6	200	187	217	225e	270e	237	276	217	690	261	139	153
7	248	218	259	200e	260e	229	245	187	670	388	123	145
8	261	226	247	205e	235e	222	237	461	586	327	116	145
9	241	176	217	150e	200e	213	215	262	575	285	111	144
10	220	180	253	210e	255e	230	247	215	471	263	111	138
11	192	220	241	245e	285e	223	317	256	1000	141	105	134
12	219	195	287	245e	320e	213	286	650	694	169	250	139
13	209	223	195e	195e	349	210	277	438	479	316	261	136
14	226	175	180e	180e	356	206	241	441	376	216	279	142
15	193	202	190e	145e	327	203	248	377	438	156	212	169
16	206	214	225e	200e	303	190	247	397	684	177	180	168
17	197	189	210e	195e	284	187	241	367	743	98	125	165
18	228	234	215e	235e	279	227	238	392	649	134	145	166
19	182	251	180e	245e	289	181	230	305	563	187	137	157
20	214	268	195e	250e	266	192	286	320	440	108	135	154
21	204	258	210e	265e	265	224	335	286	1230	117	128	148
22	204	262	195e	220e	295	257	418	259	1350	109	129	151
23	207	234	175e	210e	263	287	342	243	642	105	196	158
24	239	227	195e	260e	235	296	282	232	453	90	167	166
25	206	246	215e	265e	232	302	321	771	502	81	152	168
26	188	206	225e	275e	239	305	369	457	495	123	205	175
27	211	232	230e	285e	242	292	339	354	434	74	157	180
28	201	223	235e	295e	241	272	315	265	387	82	185	186
29	255	210e	245e	295e	---	259	350	304	374	91	186	192
30	207	190e	250e	300e	---	276	289	185	310	93	171	177
31	194	---	255e	300e	---	347	---	220	---	95	127	---
TOTAL	6735	6490	6954	7380	7780	7471	8909	9927	17967	5789	4713	4654
MEAN	217.3	216.3	224.3	238.0	277.9	241.0	296.9	320.2	599.1	186.8	152.1	155.1
MAX	283	268	327	300	356	347	418	771	1350	388	279	192
MIN	182	175	175	145	200	181	215	178	268	74	88	132
AC-FT	13360	12870	13790	14640	15430	14820	17670	19690	35640	11480	9348	9231

CAL YEAR 2004	TOTAL	89036	MEAN	243.3	MAX	1970	MIN	57.0	AC-FT	176600
WTR YEAR 2005	TOTAL	94769	MEAN	259.6	MAX	1350	MIN	74.0	AC-FT	188000

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 5,390 cubic feet per second April 28, gage height 12.77 feet; minimum daily discharge 18 cubic feet per second September 22.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2240	2090	332e	273e	1650	1620	1300	2900	1750	1800	592	1720
2	2050	2000	464e	262e	1970	1620	2170	2150	1860	1450	1060	1140
3	2220	1850	483e	286e	1620	1850	1800	2340	2070	1690	749	1310
4	1840	1880	890e	281e	1940	1840	1920	1960	2960	1980	97	944
5	1750	1710	1840e	278e	1800	1850	2060	1850	2720	1420	754	1180
6	1860	1700	1610	236e	1720	1740	2330	1670	2980	1350	1060	1700
7	1560	2050	1930	209e	265	1830	2310	1740	2750	1350	1340	1030
8	1660	1750	1890	377e	189e	1780	2830	1720	2840	1390	481	1430
9	2220	1710	1880	418e	133e	2060	2310	2220	2810	946	552	1410
10	1390	1790	2120	288e	94e	1770	2140	2030	2720	1500	112	1390
11	349	1800	1910	336e	496e	1710	2170	2000	2850	590	66	1510
12	140	1810	2260	556e	1280	1720	1990	2450	2930	532	552	72
13	126	1820	1230e	438e	1590	1760	2220	2670	3000	915	1740	45
14	123	1820	406e	271e	1810	2020	2480	2590	2770	900	2060	37
15	117	1150	256e	296e	1610	1390	2540	2530	2880	995	2490	34
16	110	516	373e	353e	1700	1460	2300	1260	2620	599	1830	32
17	120	1740	1620e	547e	1550	1810	2340	1300	2780	773	1490	30
18	132	1840	1140	862e	1540	2110	2490	1460	2640	927	2020	29
19	139	1870	530e	1510e	1900	1770	2510	1340	2640	1370	1460	27
20	669	1950	205e	1250e	1680	1730	2270	904	2680	600	1680	23
21	1470	1840	192e	1430	1660	1760	2400	1910	2490	226	1560	21
22	1700	1770	187e	657	1840	1690	2810	2320	3120	446	1230	18
23	1740	1900	198e	419	1730	2090	2760	2050	2290	721	1550	21
24	1780	1770	217e	619	1670	1380	2990	1480	2630	677	1920	1590
25	2060	1960	304e	985	1920	1630	3400	1930	2600	674	1870	1670
26	1740	1820	405e	653	1670	1850	3120	2480	2250	420	2100	1760
27	1790	1790	771e	701	1770	1720	2700	2670	141	561	2330	1880
28	2230	1730	794e	942	1890	1800	2750	2180	70	1350	2330	2140
29	1900	1160	1040	1120		--- 1800	3230	1690	65	156	1870	1870
30	2500	267e	918	1390		--- 1810	2830	1770	469	706	1850	2200
31	1730	---	337e	1650		--- 1930	---	1670	---	956	1490	---
TOTAL	41455	50853	28732	19893	40687	54900	73470	61234	69375	29970	42285	28263
MEAN	1337	1695	926.4	641.6	1453	1771	2449	1976	2312	966.5	1364	942.2
MAX	2500	2090	2260	1650	1970	2110	3400	2900	3120	1980	2490	2200
MIN	110	267	187	209	94	1380	1300	904	65	156	66	18
AC-FT	82220	100900	56990	39460	80700	108900	145700	121500	137600	59440	83870	56060
CAL YEAR 2004	TOTAL		494525	MEAN	1351	MAX	2750	MIN	95.0	AC-FT	980900	
WTR YEAR 2005	TOTAL		541117	MEAN	1483	MAX	3400	MIN	18.0	AC-FT	1073000	

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 1,170 cubic feet per second June 4, gage height 6.68 feet; minimum daily discharge 29 cubic feet per second August 4.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	47	51	67e	105e	72e	80	151	78	78	51	31	46
2	48	51	69e	102e	74e	78	121	77	75	51	30	45
3	48	52	68e	70e	75e	76	101	77	157	49	30	45
4	47	53	68e	49e	79e	74	91	75	623	48	29	44
5	46	53	72e	44e	88e	73	82	73	487	46	32	43
6	46	52	75e	45e	91e	74	74	71	429	47	35	43
7	48	53	73e	48e	87e	73	71	71	230	52	38	43
8	50	53	72e	51e	83e	71	69	104	152	53	33	42
9	49	53	71e	53e	93e	71	67	79	113	49	30	42
10	48	51	69e	54e	93e	68	79	70	172	45	33	41
11	48	51	67e	55e	86e	66	234	66	263	42	56	41
12	47	54e	66e	56e	87e	66	180	117	126	43	78	40
13	47	53e	64e	51e	129e	65	125	149	96	46	60	40
14	48	53e	62e	40e	167e	64	106	149	83	44	55	41
15	49	53e	62e	34e	150e	63	97	122	76	42	50	43
16	50	55e	61e	40e	128e	64	90	108	72	41	46	43
17	53	55e	60e	55e	113e	63	88	96	68	39	44	42
18	52	57e	59e	64e	101	62	83	86	67	37	45	42
19	51	78e	56e	72e	99	62	82	83	62	35	43	42
20	51	97e	60e	65e	97	62	215	90	60	34	43	42
21	52	82e	67e	58e	95	67	537	78	245	33	42	42
22	53	75e	44e	58e	93	104	522	70	149	33	63	41
23	53	73e	38e	62e	91	120	332	68	95	33	87	41
24	52	69e	42e	68e	89	118	191	64	75	33	58	42
25	51	64e	49e	74e	87	115	139	80	68	31	53	71
26	52	63e	55e	75e	85	114	127	81	66	30	51	76
27	52	71e	58e	73e	84	106	103	81	62	31	49	57
28	53	73e	59e	69e	82	97	92	73	59	32	66	50
29	53	71e	60e	66e	---	88	84	69	56	32	76	47
30	51	71e	66e	67e	---	104	79	64	53	32	59	46
31	51	---	82e	70e	---	180	---	69	---	33	50	---
TOTAL	1546	1840	1941	1893	2698	2588	4412	2638	4417	1247	1495	1363
MEAN	49.9	61.4	62.6	60.9	96.3	83.4	147.1	85.0	147.2	40.2	48.2	45.5
MAX	53	97	82	105	167	180	537	149	623	53	87	76
MIN	46	51	38	34	72	62	67	64	53	30	29	40
AC-FT	3066	3650	3850	3755	5351	5133	8751	5232	8761	2473	2965	2703
CAL YEAR 2004	TOTAL		26701	MEAN	73.0	MAX	617.0	MIN	37.0	AC-FT	52960	
WTR YEAR 2005	TOTAL		28078	MEAN	76.9	MAX	623.0	MIN	29.0	AC-FT	55690	

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 1,670 cubic feet per second June 12, gage height 7.78 feet;
minimum daily discharge 1.2 cubic feet per second October 10, 13, 16.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.0	5.8	20e	13e	28e	27e	50	130	111	90	15	7.3
2	2.6	6.3	19e	11e	40e	26e	44	109	133	93	14	7.3
3	2.1	6.8	16e	9.4e	42	27e	40	94	232	84	13	7.0
4	1.7	7.4	13e	10e	40	23e	38	84	571	78	13	6.7
5	1.7	7.4	11e	13e	40	26e	35	77	968	72	12	6.4
6	1.5	7.8	10e	12e	40	22e	31	79	1020	66	12	5.8
7	1.5	8.1	12e	13e	33e	18e	28	84	903	61	12	6.0
8	1.6	7.9	15e	12e	26e	22e	27	99	713	59	12	6.3
9	1.6	8.2	15e	10e	21e	20e	26	103	540	57	11	6.2
10	1.2	8.6	15e	18e	20e	23e	30	96	490	53	11	5.6
11	1.5	8.2	14e	20e	21e	21e	41	90	1050	51	15	5.4
12	1.6	7.2e	12e	18e	23e	21e	62	230	1620	49	13	5.6
13	1.2	6.2e	11e	13e	29e	17e	104	521	1460	45	12	5.5
14	1.4	3.9e	11e	10e	29e	17e	113	557	1100	41	13	4.9
15	1.4	3.9e	10e	13e	31e	19e	108	480	892	38	14	5.3
16	1.2	5.0e	7.8e	15e	32e	18e	168	407	745	36	13	5.4
17	1.5	7.2e	6.8e	13e	32e	19e	246	339	625	31	13	5.6
18	1.4	11e	10e	17e	32e	18e	236	305	523	28	13	7.1
19	1.5	16	17e	22e	32e	19e	197	269	428	25	11	10
20	1.3	15	17e	18e	32	22e	181	222	349	24	11	8.4
21	1.5	15	15e	17e	31	25	225	181	373	25	11	8.4
22	2.6	14e	12e	23e	31	31	576	146	331	23	13	8.2
23	5.4	13e	9.4e	17e	31	33	929	120	266	23	11	8.5
24	4.6	13e	10e	19e	31	36	832	101	216	21	11	9.8
25	4.3	12e	15e	29e	32	41	650	129	191	20	11	24
26	4.4	14e	17e	31e	32	45	472	141	172	19	11	18
27	4.5	15e	18e	24e	32	48	352	137	148	19	11	14
28	5.5	14e	19e	22e	31	50	267	116	131	18	9.8	12
29	5.4	16e	15e	20e	---	49	203	93	116	17	9.1	12
30	7.2	18e	13e	17e	---	54	161	76	100	16	8.6	12
31	5.9	---	13e	25e	---	56	---	86	---	16	7.8	---
TOTAL	83.8	301.9	419	524.4	874	893	6472	5701	16517	1298	367.3	254.7
MEAN	2.7	10.1	13.5	16.9	31.2	28.8	215.8	183.9	550.6	41.9	11.9	8.5
MAX	7.2	18	20	31	42	56	929	557	1620	93	15	24
MIN	1.2	3.9	6.8	9.4	20	17	26	76	100	16	7.8	4.9
AC-FT	166	599	831	1040	1734	1771	12840	11310	32760	2575	729	505
CAL YEAR 2004	TOTAL		4398	MEAN	12.3	MAX	63.0	MIN	0.33	AC-FT	8723	
WTR YEAR 2005	TOTAL		33706	MEAN	92.3	MAX	1620	MIN	1.2	AC-FT	66860	

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 good, except estimated records are poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 470 cubic feet per second on June 6, gage height 4.37 feet; minimum daily discharge 18 cubic feet per second on July 31 & August 1.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	35	41e	46e	55e	49	125	57	41	69	18	31
2	38	37	44e	42e	54e	44	107	56	39	87	19	30
3	32	37	41e	41e	50e	43	80	56	105	61	19	28
4	30	35	44e	46e	50e	39	68	57	183	54	35	25
5	30	33	41e	36e	49e	37	61	56	401	52	27	24
6	24	31	39e	34e	46e	34	58	56	440	51	25	26
7	28	31	42e	42e	42e	30	54	58	409	49	22	27
8	30	31	42e	41e	41e	33	56	61	331	46	19	28
9	31	31	46e	42e	47e	33	55	60	239	45	29	27
10	30	30	38e	49e	47e	25	61	53	172	45	31	25
11	29	31	34e	44e	49e	31	81	50	177	43	59	25
12	31	34	34e	47e	53e	30	76	95	205	39	39	30
13	25	36	34e	52e	67	32	102	146	309	38	37	33
14	29	37	34e	42e	61	35	99	289	315	39	36	32
15	32	36	44e	39e	64	36	85	244	288	36	34	30
16	34	36	41e	36e	64	37	66	182	227	32	31	30
17	33	36	44e	41e	58	38	54	151	179	31	32	33
18	33	44	47e	42e	54	39	47	136	153	30	31	42
19	37	59	41e	58e	54	43	42	171	132	30	27	48
20	38	50	41e	60e	52	40	49	197	112	29	26	40
21	41	46	38e	52e	52	52	59	127	243	29	29	36
22	38	44	31e	46e	50	50	95	94	135	30	35	36
23	41	38	29e	60e	49	53	161	69	197	25	32	34
24	39	38	33e	57e	47	75	201	52	273	26	31	34
25	37	36	34e	55e	46	74	147	55	206	29	30	48
26	37	35	46e	54e	45	67	110	43	152	28	31	43
27	38	43	47e	55e	43	65	87	39	120	27	29	39
28	37	43	52e	54e	46	63	76	32	102	25	30	34
29	34	42e	50e	50e	---	58	67	29	86	20	28	39
30	35	46e	52e	54e	---	65	62	28	74	19	27	38
31	36	---	49e	55e	---	72	---	52	---	18	26	---
TOTAL	1041	1141	1273	1472	1435	1422	2491	2851	6045	1182	924	995
MEAN	33.7	38.0	41.0	47.5	51.2	45.9	83.1	92.0	201.5	38.2	29.8	33.2
MAX	41	59	52	60	67	75	201	289	440	87	59	48
MIN	24	30	29	34	41	25	42	28	39	18	18	24
AC-FT	2065	2263	2525	2920	2846	2820	4941	5655	11990	2344	1833	1974
CAL YEAR 2004 TOTAL			14433	MEAN	39.4	MAX	98.0	MIN	15.0	AC-FT	28630	
WTR YEAR 2005 TOTAL			22272	MEAN	61.0	MAX	440.0	MIN	18.0	AC-FT	44180	

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 3,450 cubic feet per second June 4, gage height 6.64 feet; minimum daily discharge 60 cubic feet per second September 11.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	142	141	176	166e	190e	194	463	727	454	445	100	75
2	145	138	221	165e	198e	194	528	601	470	493	100	73
3	139	143	230	162e	209e	193	451	530	1120	421	101	70
4	140	140	238	151e	217e	192	398	466	2710	384	130	67
5	138	139	247	139e	223e	186	355	408	3040	334	136	68
6	136	139	238	132e	204e	181	339	379	3140	308	112	67
7	140	139	217	139e	176e	181	315	362	3350	294	99	69
8	138	137	209	141e	146e	171	294	370	3070	273	93	69
9	135	136	210	140e	105e	174	282	365	2600	253	90	67
10	130	139	211	143e	112e	179	302	357	2200	235	150	61
11	131	138	207	148e	165e	180	524	339	2090	221	192	60
12	132	138	207	147e	234	182	524	571	2040	214	209	61
13	132	141	200	144e	290	178	522	939	2260	203	170	79
14	133	144	193	142e	335	181	533	1730	2610	202	146	79
15	135	145	185	139e	329	176	559	1790	2610	197	128	76
16	135	146	206	139e	306	173	558	1590	2220	196	113	75
17	133	148	208	148e	272	171	522	1380	1800	190	109	79
18	134	159	208	158e	245	175	544	1340	1430	188	103	99
19	132	202	200	169e	234	173	593	1220	1160	179	97	174
20	136	204	174	181e	231	178	1160	1140	970	168	89	143
21	134	197	151e	163e	224	204	976	965	1590	171	90	118
22	134	190	157e	160e	213	239	1420	729	1570	159	95	119
23	135	189	158e	160e	211	252	1720	562	1470	151	97	116
24	139	183	162e	162e	207	302	1850	476	1190	136	94	117
25	138	185	163e	165e	205	354	2030	484	901	138	93	152
26	140	193	165e	169e	204	343	1830	497	859	143	164	164
27	142	209	171e	168e	204	339	1450	501	751	131	110	167
28	138	207	191e	164e	203	324	1190	454	681	122	87	163
29	142	207	182e	171e	---	310	980	420	599	115	84	152
30	142	203	173e	177e	---	353	863	389	519	110	80	143
31	140	---	169e	186e	---	405	---	427	---	102	77	---
TOTAL	4240	4919	6027	4838	6092	7037	24075	22508	51474	6876	3538	3022
MEAN	136.8	164.1	194.3	156.1	217.5	227.0	802.1	725.8	1716	221.8	114.1	100.7
MAX	145	209	247	186	335	405	2030	1790	3350	493	209	174
MIN	130	136	151	132	105	171	282	339	454	102	77	60
AC-FT	8410	9757	11950	9596	12080	13960	47750	44640	102100	13640	7018	5994
CAL YEAR 2004	TOTAL		62709	MEAN	171.3	MAX	438.0	MIN	38.0	AC-FT	124400	
WTR YEAR 2005	TOTAL		144646	MEAN	396.3	MAX	3350	MIN	60.0	AC-FT	286900	

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 184 cubic feet per second June 21, gage height 7.38 feet; minimum daily discharge 4.5 cubic feet per second July 31 & August 1.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.4	6.1	9.9e	11e	11e	12	21	17	15	14	4.5	4.6
2	6.5	6.7	9.9e	11e	11e	12	20	16	14	13	4.8	5.1
3	6.2	6.7	9.8e	11e	11e	12	18	15	17	13	4.8	5.1
4	6.0	6.6	9.7	9.6e	11e	12	16	14	24	12	6.0	5.0
5	5.9	6.7	9.7	8.1e	12e	12	15	13	35	12	5.4	4.9
6	5.9	6.6	10	7.4e	12e	12	15	13	65	12	4.9	4.9
7	6.3	6.5	10	7.3e	11e	11	14	13	98	12	4.6	5.0
8	6.6	6.6	9.9	7.6e	11e	11	14	14	111	11	4.6	5.0
9	6.2	6.6	9.9	7.9e	10e	11	14	13	86	10	4.6	4.9
10	6.1	6.5	9.6	8.0e	10e	11	14	13	61	8.9	4.7	4.7
11	6.0	6.5	11	8.1e	10e	11	23	13	51	9.0	7.2	4.8
12	6.1	6.9	9.4	8.2e	10e	11	30	15	69	8.9	6.5	4.8
13	6.1	7.4	7.8	8.1e	11e	11	36	49	99	7.9	5.7	4.8
14	6.1	6.9	13	7.5e	11e	11	31	70	113	7.5	5.7	4.9
15	6.2	7.0	13	7.1e	12e	11	25	70	75	7.2	5.8	5.0
16	6.2	7.0	10	7.3e	12e	11	22	49	40	6.9	5.7	4.9
17	6.2	6.9	10	7.7e	13e	11	19	32	28	7.5	5.7	5.1
18	6.1	7.5	9.1	7.8e	13e	11	18	27	22	7.2	5.7	5.7
19	6.1	9.1	9.1e	7.7e	13	11	18	22	18	6.8	4.6	6.6
20	6.0	8.7	9.3e	7.9e	13	11	51	18	15	6.8	5.2	6.1
21	6.3	7.9	8.7e	7.9e	13	12	87	16	147	6.7	5.1	5.6
22	6.5	8.0	7.9e	7.6e	13	12	172	13	172	6.2	5.1	5.7
23	6.3	8.0	7.7e	7.5e	13	12	142	12	114	5.3	6.9	5.7
24	6.2	8.0	7.9e	8.0e	12	12	97	11	48	5.0	7.4	6.0
25	6.1	8.0	8.4e	8.9e	12	15	53	13	31	5.0	6.2	10
26	6.2	8.0	8.9e	9.6e	12	15	35	14	25	5.9	6.5	8.5
27	6.2	7.5	9.3e	10e	12	16	28	13	20	5.7	6.1	7.4
28	6.3	8.0e	9.9e	10e	12	15	24	13	18	5.4	5.9	6.8
29	6.6	9.1e	11e	11e	---	14	21	12	16	5.3	5.9	6.7
30	6.6	9.6e	12e	11e	---	17	19	12	15	5.2	5.7	6.8
31	6.4	---	12e	11e	---	19	---	14	---	4.5	5.4	---
TOTAL	192.9	221.6	303.8	268.8	327	385	1112	649	1662	253.8	172.9	171.1
MEAN	6.2	7.4	9.8	8.7	11.6	12.4	37.1	21.0	55.3	8.2	5.6	5.7
MAX	6.6	9.6	13	11	13	19	172	70	172	14	7.4	10
MIN	5.9	6.1	7.7	7.1	10	11	14	11	14	4.5	4.5	4.6
AC-FT	383	440	603	533	649	764	2206	1287	3297	503	343	339
CAL YEAR 2004	TOTAL		3304	MEAN	9.8	MAX	30.0	MIN	2.0	AC-FT	6553	
WTR YEAR 2005	TOTAL		5720	MEAN	15.7	MAX	172.0	MIN	4.5	AC-FT	11350	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4656	4556	4694	4916	5037	5515	5844e	7349	7139e	7568e	6156e	5256e
2	4638	4550	4733	4928	5025	5529	5870e	7342	7167e	7490e	6117e	5219e
3	4632	4544	4745	4975	5042	5541	5896e	7287	7216e	7449e	6094	5213e
4	4610	4527	4767	4934	5047	5544	5929e	7254	7283e	7349e	6101	5194e
5	4581	4538	4784	4945	5076	5579	5937e	7194	7341e	7283e	6077	5188e
6	4586	4549	4813	4969	5081	5620	5923	7084	7407e	7194e	6024	5169e
7	4585	4532	4801	4975	5086	5605	6008	7091e	7468e	7141e	5985	5157e
8	4584	4538	4807	4969	5098	5596	6009	7083e	7493e	7093e	5924	5142e
9	4589	4565	4813	4951	5139	5625	5979	7092e	7600e	7039e	5871	5145e
10	4611	4532	4854	4963	5120	5603	6079	7099e	7631e	6980e	5856	5132e
11	4593	4521	4838	4957	5144	5638	6189	7126e	7631	6945e	5811	5133e
12	4593	4516	4833	4963	5183	5623	6166	7253e	7740	6918e	5771	5115e
13	4564	4505	4863	4951	5215	5651	6261	7534e	7631	6873e	5746	5102e
14	4558	4538	4841	4945	5253	5642	6333	7469e	7719	6850e	5720	5094e
15	4563	4527	4841	4957	5292	5652	6310	7424e	7794	6803e	5700	5092e
16	4546	4527	4870	4945	5300	5662	6374	7388e	7651	6765e	5668	5066e
17	4517	4538	4864	4928	5333	5621	6423	7356e	7648	6704e	5655	5089e
18	4528	4554	4859	4945	5354	5663	6536	7329e	7545	6653e	5636	5085e
19	4516	4632	4864	4911	5380	5660	6521	7300e	7573	6631e	5617	5077e
20	4548	4604	4882	4951	5389	5695	6839	7270e	7501	6591e	5592	5079e
21	4547	4654	4864	4956	5410	5711	6952	7247e	8199	6538e	5556e	5079e
22	4602	4638	4911	4967	5424	5709	7319	7227e	8343	6521e	5533e	5065e
23	4552	4626	4887	4955	5451	5695e	7563	7208e	8397	6484e	5494e	5055e
24	4534	4626	4870	4954	5460	5720e	7586e	7201e	8223	6425e	5468e	5069e
25	4545	4660	4859	4965	5475	5738e	7551e	7189e	8091	6364e	5423e	5062e
26	4538	4699	4876	5000	5496	5749e	7457e	7178e	7960	6330e	5401e	5062e
27	4532	4716	4905	4976	5517	5759e	7625e	7175e	7894	6292e	5380e	5057e
28	4531	4767	4887	4987	5519	5767e	7525	7166e	7875	6250e	5360e	5059e
29	4692	4716	4916	5010		5788e	7403	7162e	7720e	6219e	5333e	5047e
30	4541	4705	4957	5015		5804e	7334	7157e	7630e	6170e	5307e	5050e
31	4529	---	4911	5032		5822e		7153e	---	6144e	5268e	---
MEAN	4572	4590	4846	4961	5262	5662	6591	7238	7684	6776	5698	5112
MAX	4692	4767	4957	5032	5519	5822	7625	7534	8397	7568	6156	5256
MIN	4516	4505	4694	4911	5025	5515	5844	7083	7139	6144	5268	5047
CAL YEAR 2004	MEAN	5547	MAX	7130	MIN	4505						
WTR YEAR 2005	MEAN	5751	MAX	8397	MIN	4505						

e indicates estimated discharge.

**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 1.6 cubic feet per second, August 3, 2005.

EXTREMES FOR CURRENT YEAR.--Peak discharge 173 cubic feet per second June 23, gage height 5.17 feet; minimum daily discharge 1.6 cubic feet per second, August 3.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.2	2.5e	2.9e	4.3e	4.5	5.2	5.5e	48	29e	50e	1.8e	3.4e
2	4.2	2.4e	3.1e	4.2e	4.5	5.3	6.4e	42	28e	47e	1.7	3.5e
3	4.2	2.4e	3.1e	4.3e	4.5	5.3	6.4e	36	29e	44e	1.6	3.4e
4	4.1	2.3e	3.1e	4.3e	4.6	5.3	5.0e	34	30e	41e	1.9	3.7e
5	4.3e	2.4e	3.2e	4.4e	4.7	5.3	5.1	32	33e	37e	2.2	3.7e
6	4.4e	2.2e	3.2e	4.5e	4.6	5.5	5.2	31e	36e	34e	2.4	3.5e
7	4.3e	2.0e	3.3e	4.3e	4.7	5.5	5.2	30e	43e	31e	2.4	3.4e
8	4.3e	2.1e	3.4e	4.2e	4.7	5.4	5.3	30e	51e	30e	2.1	3.7e
9	4.2e	2.2e	3.5e	4.2e	4.7	5.5	5.4	29e	65e	28e	1.9	3.7e
10	4.2e	2.2e	3.5e	4.2e	4.7	5.8	5.3	28e	68	26e	1.9	3.7e
11	4.2e	2.1e	3.6e	4.3e	4.8	5.6	5.4	29e	68	24e	2.2	3.9e
12	4.2e	2.1e	3.7e	4.3e	4.8	5.5	5.4	28e	65	22e	2.5	4.0e
13	4.1e	2.1e	3.6e	4.3e	4.8	5.5	5.2	42e	66	19e	2.8	3.9e
14	4.1e	2.1e	3.7e	4.3e	4.8	5.5	5.9	76e	70	17e	2.9	3.7e
15	4.0e	2.2e	3.8e	4.3e	4.8	5.5	7.3	99e	72	15e	3.0	3.9e
16	3.7e	2.2e	3.7e	4.3e	4.9	5.4	7.3	72e	68	13e	3.0	4.0e
17	3.6e	2.2e	3.8e	4.3e	4.8	5.4	7.2	44e	61	9.4e	3.0	4.1e
18	3.5e	2.2e	3.8e	4.5e	4.8	5.4	7.4	41e	54	8.0e	3.1	4.2e
19	3.3e	2.4e	3.9e	4.4e	4.9	5.4	7.7	37e	47	7.6e	2.8	4.1e
20	3.2e	2.3e	4.0e	4.4	4.9	5.5	8.6	37e	41	6.8e	2.6	4.2e
21	3.1e	2.3e	3.9e	4.5	4.9	5.5	14	35e	80	5.7e	2.4e	4.1e
22	3.1e	2.5e	3.9e	4.6	5.0	5.4	35	32e	144	5.2e	2.7e	4.4e
23	3.1e	2.5e	3.9e	4.7	4.9	5.4e	63	30e	166	4.6e	2.6e	4.5e
24	2.9e	2.6e	4.1e	4.6	5.0	5.3e	79	30e	145	4.5e	2.8e	4.1e
25	2.8e	2.7e	4.0e	4.5	5.0	5.3e	88e	30e	114	3.9e	3.0e	4.5e
26	2.7e	2.7e	3.9e	4.4	5.1	5.0e	84e	31e	90	3.5e	3.2e	4.4e
27	2.7e	2.8e	4.0e	4.5	5.2	5.0e	75e	30e	71	3.1e	3.3e	4.2e
28	2.7e	2.7e	4.0e	4.6	5.2	5.3e	68	30e	63	2.6e	3.4e	4.9e
29	2.8e	2.8e	4.2e	4.6	---	5.0e	61	30e	57e	2.8e	3.5e	4.8e
30	2.7e	3.0e	4.3e	4.5	---	5.0e	54	29e	53e	2.6e	3.2e	4.9e
31	2.5e	---	4.2e	4.5	---	5.3e	---	29e	---	2.3e	3.3e	---
TOTAL	111.4	71.2	114.3	136.3	134.8	166.3	743.2	1181	2007	550.6	81.2	120.5
MEAN	3.6	2.4	3.7	4.4	4.8	5.4	24.8	38.1	67.0	17.8	2.6	4.0
MAX	4.4	3.0	4.3	4.7	5.2	5.8	88	99	166	50	3.5	4.9
MIN	2.5	2.0	2.9	4.2	4.5	5.0	5.0	28	28	2.3	1.6	3.4
AC-FT	221	141	227	270	267	330	1474	2342	3981	1092	161	239
CAL YEAR 2004	TOTAL		2073	MEAN	5.7	MAX	24.0	MIN	2.0	AC-FT	4112	
WTR YEAR 2005	TOTAL		5418	MEAN	14.8	MAX	166.0	MIN	1.6	AC-FT	10750	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

UNION CREEK at Madison, 06799230

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

DRAINAGE AREA.--173.76 square miles

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

PERIOD OF RECORD.--1978 - present

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

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 771 cubic feet per second February 14, gage height 14.07 feet; minimum daily discharge 2.6 cubic feet per second August 9.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.4	14	15	15	19	19	17	21	23	17	5.0	6.9
2	9.8	15	15	14	19	20	17	21	21	17	3.9	6.6
3	9.8	14	16	14	20	23	17	20	32	16	3.9	6.9
4	10	13	17	13	20	20	18	20	33	17	6.1	6.9
5	10.0	14	18	13	21	20	17	20	45	16	5.3	7.5
6	10	14	20	14	22	20	17	19	47	21	5.4	7.5
7	11	14	19	13	20	20	17	19	27	17	4.3	7.8
8	12	14	18	13	19	20	17	20	27	15	4.8	8.0
9	12	14	17	13	19	20	17	25	23	13	2.6	7.8
10	11	14	16	14	19	19	20	22	31	10	5.4	7.7
11	11	14	16	14	19	18	36	19	63	8.9	25	7.7
12	11	15	16	14	24	20	40	110	44	14	9.3	7.8
13	11	15	15	13	518	19	26	210	31	10	16	8.0
14	11	16	15	13	364	18	22	44	22	6.0	11	7.8
15	11	15	15	13	56	18	20	30	20	6.6	9.4	7.8
16	11	14	15	13	31	18	19	26	20	9.1	8.7	7.8
17	12	15	16	13	25	18	19	24	19	11	9.1	8.1
18	11	19	16	13	23	18	23	23	18	12	9.0	9.1
19	11	25	15	14	23	18	29	20	18	10	8.6	10
20	12	24	15	15	25	18	47	20	17	8.3	8.6	8.9
21	12	17	15	17	24	20	75	20	111	7.2	8.2	8.4
22	12	16	14	15	23	19	130	21	426	7.2	8.0	8.3
23	11	15	13	15	22	18	89	19	93	9.7	9.2	8.5
24	12	14	13	15	22	21	40	18	33	9.2	7.9	9.0
25	12	15	14	18	22	23	29	20	35	9.1	7.9	11
26	14	16	15	18	21	21	25	20	27	8.4	8.5	8.9
27	12	17	14	17	21	22	23	19	24	3.8	8.0	8.5
28	12	17	14	17	21	25	22	18	22	3.4	7.6	8.2
29	12	17	15	17	---	21	21	20	20	7.0	7.7	8.8
30	12	15	16	17	---	20	22	20	18	6.1	7.4	8.6
31	12	---	16	18	---	17	---	25	---	3.7	7.2	---
TOTAL	350	471	484	455	1482	611	931	953	1390	329.7	249	244.8
MEAN	11.2	15.6	15.6	14.8	52.9	19.6	31.0	30.8	46.4	10.6	8.0	8.2
MAX	14	25	20	18	518	25	130	210	426	21	25	11
MIN	9.4	13	13	13	19	17	17	18	17	3.4	2.6	6.6
AC-FT	694	934	960	902	2940	1212	1847	1890	2757	654	494	486
CAL YEAR 2004	TOTAL		15640	MEAN	42.7	MAX	2280	MIN	0.73	AC-FT	31020	
WTR YEAR 2005	TOTAL		7950	MEAN	21.8	MAX	518.0	MIN	2.6	AC-FT	15770	

**PLATTE RIVER BASIN
(Elkhorn River)**

PEBBLE CREEK at Scribner, 06799385

LOCATION.--NWL/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 1,280 cubic feet per second April 20, gage height 9.73 feet;
maximum gage height 12.24 feet February 13 due to backwater from ice conditions; minimum daily
discharge 15 cubic feet per second September 29 & 30.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	19	26	27e	35e	27	23	40	389	40	21	14
2	11	22	21	28e	33e	26	24	39	80	40	21	14
3	11	20	21	24e	28e	27	24	39	107	39	21	14
4	11	18	20	22e	26e	26	25	38	94	39	20	14
5	11	17	21	18e	28e	24	24	37	400	37	19	14
6	11	17	22	18e	31e	24	24	38	98	35	19	14
7	13	17	22	17e	27e	23	23	37	70	35	19	15
8	13	17	21	18e	25e	22	23	36	66	33	19	15
9	12	17	20	18e	23e	22	24	35	68	32	18	14
10	12	18	19	19e	25e	22	31	35	91	32	18	13
11	12	20	19	19e	31e	21	97	41	78	32	19	12
12	13	19	26	20e	31e	21	43	466	64	31	20	12
13	14	19	20e	19e	173e	21	38	140	61	30	19	12
14	13	18	15e	19e	122e	21	33	79	56	30	17	12
15	14	20	18e	14e	76e	20	30	66	52	29	17	12
16	13	20	21e	15e	53	21	29	61	50	29	16	12
17	13	20	20e	18e	45	21	28	57	49	29	17	12
18	13	23	20e	18e	42	21	35	71	47	44	17	12
19	14	31	19e	21e	40	20	296	54	45	36	17	15
20	15	30	19e	25e	40	21	552	49	44	30	16	13
21	15	22	17e	25e	37	21	140	47	154	29	21	12
22	16	19	14e	21e	34	21	105	44	85	28	26	12
23	16	19	14e	23e	33	21	85	43	49	27	20	11
24	16	18	16e	24e	32	22	67	44	46	26	19	12
25	15	18	18e	28e	30	24	61	51	66	30	17	12
26	15	18	20e	29e	30	25	55	59	78	29	16	12
27	16	21	23e	32e	28	25	50	40	47	25	16	12
28	17	21	25e	34e	27	25	46	39	45	23	15	12
29	18	20	24e	36e	---	25	44	40	45	23	15	10
30	16	23	25e	35e	---	25	42	40	42	23	15	10
31	16	---	25e	35e	---	24	---	72	---	22	15	---
TOTAL	427	601	631	719	1185	709	2121	1977	2666	967	565	380
MEAN	13.8	20.0	20.4	23.2	42.3	22.9	70.7	63.8	88.9	31.2	18.2	12.7
MAX	18	31	26	36	173	27	552	466	400	44	26	15
MIN	11	17	14	14	23	20	23	35	42	22	15	10
AC-FT	847	1192	1252	1426	2350	1406	4207	3921	5288	1918	1121	754
CAL YEAR 2004	TOTAL		16179	MEAN	46.1	MAX	3240	MIN	8.7	AC-FT	32090	
WTR YEAR 2005	TOTAL		12948	MEAN	35.5	MAX	552.0	MIN	10.0	AC-FT	25680	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

LOGAN CREEK at Pender, 06799450

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

DRAINAGE AREA.--731 square miles.

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

PERIOD OF RECORD.--1965 - present

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,830 cubic feet per second May 12, gage height 8.88 feet; minimum daily discharge 65 cubic feet per second September 4, 11 & 12.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	98	114	139	165e	129e	131	119	159	347	213	103	68
2	103	122	135	154e	129e	131	114	154	258	205	97	67
3	102	120	126	137e	137e	129	112	150	253	200	95	66
4	101	116	129	129e	140e	127	112	146	435	193	100	65
5	101	114	130	129e	151e	124	112	149	418	183	122	66
6	103	112	132	123e	151e	121	110	149	406	174	102	72
7	107	111	132	98e	144e	121	109	146	276	170	92	69
8	112	110	131	94e	151e	122	109	231	465	166	88	68
9	108	110	147e	115e	144e	119	110	321	894	161	83	67
10	107	109	137e	112e	126e	118	114	178	424	153	84	66
11	107	109	126e	115e	115e	115	139	243	388	146	110	65
12	109	111	126e	112e	123e	116	171	1420	327	143	122	65
13	108	112	115e	115e	396e	117	151	1140	287	140	112	71
14	110	113	112e	98e	523e	115	140	476	265	135	102	70
15	111	112	112e	94e	224e	115	132	355	238	131	98	69
16	114	111	112e	105e	172e	115	127	310	226	128	96	69
17	112	110	108e	108e	151e	115	124	290	218	128	94	71
18	112	115	112e	133e	151e	115	125	260	209	132	93	72
19	112	128	108e	140e	147e	114	184	250	200	123	93	71
20	112	138	101e	151e	144e	114	700	226	194	120	87	71
21	113	128	98e	144e	142	114	675	211	1030	129	81	71
22	113	121	94e	129e	134	114	391	197	1080	130	78	72
23	115	119	91e	144e	134	112	444	186	395	122	78	74
24	113	119	91e	154e	134	112	281	181	290	116	80	76
25	111	119	101e	161e	130	119	241	181	305	132	97	97
26	111	119	112e	151e	131	121	218	218	374	140	89	249
27	110	127	119e	144e	131	117	198	191	264	122	86	159
28	110	132	133e	123e	129	114	185	178	318	117	83	104
29	112	128	154e	113e	---	112	176	173	376	113	74	95
30	112	125	179e	115e	---	113	166	170	241	109	71	92
31	111	---	182e	123e	---	123	---	199	---	106	68	---
TOTAL	3380	3534	3824	3928	4613	3665	6089	8838	11401	4480	2858	2457
MEAN	109.1	117.9	123.4	126.7	164.7	118.2	203.0	285.0	380.0	144.5	92.1	81.9
MAX	115	138	182	165	523	131	700	1420	1080	213	122	249
MIN	98	109	91	94	115	112	109	146	194	106	68	65
AC-FT	6704	7010	7585	7791	9150	7269	12080	17530	22610	8886	5669	4873
CAL YEAR 2004	TOTAL		80528	MEAN	228.8	MAX	2920	MIN	61.0	AC-FT	159700	
WTR YEAR 2005	TOTAL		59067	MEAN	161.8	MAX	1420	MIN	65.0	AC-FT	117200	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061000

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

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

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

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	---	---	---	---	---	0.00	27	15	19	12	16
2	15	---	---	---	---	---	0.00	26	7.2	36	13	15
3	15	---	---	---	---	---	0.00	23	2.1	31	13	12
4	18	---	---	---	---	---	0.00	21	1.9	19	31	14
5	16	---	---	---	---	---	0.00	22	2.1	23	30	18
6	13	---	---	---	---	---	0.00	22	2.1	22	25	18
7	16	---	---	---	---	---	0.00	23	2.1	21	20	17
8	17	---	---	---	---	---	0.00	23	16	21	16	16
9	17	---	---	---	---	---	0.00	22	21	22	17	15
10	17	---	---	---	---	---	0.00	20	19	22	16	15
11	17	---	---	---	---	---	0.00	21	15	21	17	14
12	17	---	---	---	---	---	0.00	23	11	22	21	20
13	17	---	---	---	---	---	0.00	25	9.7	25	24	23
14	17	---	---	---	---	---	0.00	26	9.9	22	21	24
15	7.3	---	---	---	---	---	0.00	25	9.9	17	21	21
16	0.00	---	---	---	---	---	0.00	24	9.9	16	20	18
17	0.00	---	---	---	---	---	0.00	24	10	15	14	18
18	0.00	---	---	---	---	---	0.00	24	15	16	1.0	18
19	0.00	---	---	---	---	---	0.00	22	15	15	4.8	18
20	0.00	---	---	---	---	---	13	22	17	13	19	18
21	0.00	---	---	---	---	---	16	22	22	13	19	18
22	0.00	---	---	---	---	---	28	22	24	13	19	18
23	0.00	---	---	---	---	---	25	21	24	12	21	18
24	0.00	---	---	---	---	---	24	18	21	11	22	18
25	0.00	---	---	---	---	---	23	11	8.5	12	18	19
26	0.00	---	---	---	---	---	22	17	15	15	13	19
27	0.00	---	---	---	---	---	23	19	17	14	13	19
28	0.00	---	---	---	---	---	23	22	18	14	17	19
29	0.00	---	---	---	---	---	26	22	19	13	20	19
30	0.00	---	---	---	---	---	26	19	20	12	19	19
31	0.00	---	---	---	---	---	---	16	---	9.1	18	---
TOTAL	234.3	0	0	0	0	0	249	674	399.4	556.1	554.8	534
MEAN	7.6	---	---	---	---	---	8.3	21.7	13.3	17.9	17.9	17.8
MAX	18	---	---	---	---	---	28	27	24	36	31	24
MIN	0.00	---	---	---	---	---	0.00	11	1.9	9.1	1.0	12
AC-FT	465	0.00	0.00	0.00	0.00	0.00	494	1337	792	1103	1100	1059
CAL YEAR 2004	MAX	32.0	MIN	0.000	AC-FT	5805						
WTR YEAR 2005	MAX	36.0	MIN	0.000	AC-FT	6350						

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	---	---	---	---	---	0.00	23	13	10	6.9	10
2	10	---	---	---	---	---	0.00	22	8.9	20	8.1	12
3	9.3	---	---	---	---	---	0.00	17	2.1	21	8.1	11
4	10	---	---	---	---	---	0.00	13	1.9	21	11	5.9
5	9.8	---	---	---	---	---	0.00	14	1.6	13	10	8.4
6	7.4	---	---	---	---	---	0.00	15	1.7	13	9.9	11
7	7.7	---	---	---	---	---	0.00	14	1.6	13	12	10
8	11	---	---	---	---	---	0.00	15	8.6	13	9.2	11
9	11	---	---	---	---	---	0.00	15	18	13	11	11
10	10	---	---	---	---	---	0.00	14	17	14	11	11
11	9.2	---	---	---	---	---	0.00	16	15	16	12	10
12	9.3	---	---	---	---	---	0.00	17	11	16	13	11
13	10	---	---	---	---	---	0.00	15	9.3	19	21	13
14	10	---	---	---	---	---	0.00	15	8.4	18	14	13
15	7.3	---	---	---	---	---	0.00	15	8.5	13	14	14
16	0.00	---	---	---	---	---	0.00	14	8.3	11	15	12
17	0.00	---	---	---	---	---	0.00	13	8.1	7.3	15	13
18	0.00	---	---	---	---	---	0.00	14	9.4	9.5	2.0	12
19	0.00	---	---	---	---	---	0.00	14	13	8.4	0.24	11
20	0.00	---	---	---	---	---	2.8	13	12	7.7	12	9.0
21	0.00	---	---	---	---	---	12	14	16	7.2	9.4	7.2
22	0.00	---	---	---	---	---	20	15	14	7.8	5.9	7.3
23	0.00	---	---	---	---	---	16	16	12	6.6	7.7	8.5
24	0.00	---	---	---	---	---	15	18	11	7.8	9.0	11
25	0.00	---	---	---	---	---	18	11	6.8	9.1	8.8	11
26	0.00	---	---	---	---	---	18	15	9.3	10	6.0	12
27	0.00	---	---	---	---	---	16	14	7.8	11	6.0	11
28	0.00	---	---	---	---	---	17	16	8.7	10	8.3	8.2
29	0.00	---	---	---	---	---	22	16	9.4	9.3	12	9.1
30	0.00	---	---	---	---	---	23	16	11	7.5	11	8.8
31	0.00	---	---	---	---	---	---	14	---	5.3	11	---
TOTAL	142	0	0	0	0	0	179.8	473	283.4	368.5	310.54	313.4
MEAN	4.6	---	---	---	---	---	6.0	15.3	9.4	11.9	10.0	10.4
MAX	11	---	---	---	---	---	23	23	18	21	21	14
MIN	0.00	---	---	---	---	---	0.00	11	1.6	5.3	0.24	5.9
AC-FT	282	0.00	0.00	0.00	0.00	0.00	357	938	562	731	616	622
CAL YEAR 2004	MAX	19.0	MIN	0.000	AC-FT	3737						
WTR YEAR 2005	MAX	23.0	MIN	0.000	AC-FT	4107						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River, 00061500

LOCATION.--NW1/4NE1/4 Sec. 36-1-42 W. near Haigler

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

PERIOD OF RECORD.--1985, 1987 - present

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	---	---	---	---	0.00	13	6.4	6.8	0.00	1.7
2	0.00	0.00	---	---	---	---	0.00	13	7.1	9.4	0.00	1.6
3	0.00	0.00	---	---	---	---	0.00	10	4.2	15	0.00	2.6
4	0.00	---	---	---	---	---	0.00	4.4	0.76	17	0.00	3.4
5	0.00	---	---	---	---	---	0.00	1.9	0.00	12	0.00	0.17
6	0.00	---	---	---	---	---	0.00	3.7	0.00	10	0.00	1.2
7	0.00	---	---	---	---	---	0.00	2.9	0.00	9.3	0.00	1.1
8	0.00	---	---	---	---	---	0.00	0.60	5.1	8.4	0.16	0.00
9	0.00	---	---	---	---	---	0.00	1.3	27	4.9	0.00	0.00
10	0.00	---	---	---	---	---	0.00	0.15	23	5.3	0.00	0.00
11	0.00	---	---	---	---	---	0.00	4.5	22	3.0	0.23	0.00
12	0.00	---	---	---	---	---	0.00	7.8	15	2.2	0.00	0.00
13	0.20	---	---	---	---	---	0.00	4.8	9.5	3.7	1.4	0.07
14	1.3	---	---	---	---	---	0.00	3.7	11	3.0	0.05	0.00
15	3.3	---	---	---	---	---	0.00	3.5	12	3.3	0.00	0.00
16	0.83	---	---	---	---	---	0.00	3.7	8.8	2.4	0.00	0.07
17	0.00	---	---	---	---	---	0.00	1.3	6.6	1.5	0.79	0.66
18	0.00	---	---	---	---	---	0.00	0.00	4.2	2.2	2.7	1.4
19	0.00	---	---	---	---	---	0.00	0.00	3.0	1.4	0.00	2.9
20	0.00	---	---	---	---	---	0.00	0.00	2.3	0.00	0.12	2.9
21	0.00	---	---	---	---	---	3.3	0.00	1.6	0.00	3.4	1.6
22	0.00	---	---	---	---	---	14	0.00	0.36	0.00	1.5	0.21
23	0.00	---	---	---	---	---	13	0.00	0.09	0.00	2.7	0.15
24	0.00	---	---	---	---	---	14	8.3	0.22	0.00	3.9	0.70
25	0.00	---	---	---	---	---	14	11	1.0	0.00	3.8	0.81
26	0.00	---	---	---	---	---	11	12	1.7	0.00	3.6	1.1
27	0.00	---	---	---	---	---	8.7	12	2.4	0.00	3.1	0.64
28	0.00	---	---	---	---	---	7.7	3.7	3.3	0.00	3.1	1.2
29	0.00	---	---	---	---	---	14	2.7	4.5	0.97	3.5	0.79
30	0.00	---	---	---	---	---	14	6.2	5.6	0.00	1.9	0.78
31	0.00	---	---	---	---	---	---	6.9	---	0.00	2.5	---
TOTAL	5.63	0	0	0	0	0	113.7	143.05	188.73	121.77	38.45	27.75
MEAN	0.18	0.000	---	---	---	---	3.8	4.6	6.3	3.9	1.2	0.92
MAX	3.3	0.00	---	---	---	---	14	13	27	17	3.9	3.4
MIN	0.00	0.00	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	11	0.00	0.00	0.00	0.00	0.00	226	284	374	242	76	55
CAL YEAR 2004	MAX		29.0	MIN	0.000	AC-FT	655					
WTR YEAR 2005	MAX		27.0	MIN	0.000	AC-FT	1268					

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29910	29430	29560	30560	32290	34460	37130	38640	39050	39690	38400	37290
2	29890	29400	29540	30630	32410	34560	37210	38670	39030	39630	38290	37240
3	29870	29380	29540	30700	32510	34610	37290	38670	39350	39580	38260	37190
4	29820	29360	29540	30770	32610	34690	37370	38750	39580	39580	38150	37130
5	29800	29360	29540	30890	32680	34740	37450	38780	39660	39520	38070	37130
6	29770	29330	29560	30890	32750	34790	37510	38830	39690	39490	38010	37240
7	29820	29310	29610	30910	32820	34870	37530	38920	39770	39380	37960	36970
8	29820	29290	29610	30910	32870	34890	37530	38970	39720	39330	37880	36920
9	29820	29270	29660	30910	32940	34940	37610	39000	39690	39270	37240	36890
10	29800	29270	29700	30910	32990	35020	37610	38970	39630	39190	37160	36810
11	29820	29310	29750	30940	33070	35070	37690	38940	39800	39130	37130	36680
12	29820	29290	29800	30960	33140	35100	37800	39050	39830	39110	37080	36600
13	29820	29290	29870	31010	33310	35150	37800	39030	39970	39110	37050	36570
14	29820	29290	29890	31050	33360	35200	37830	39000	39970	39050	37030	36550
15	29610	29290	29930	31080	33410	35220	37880	38970	39970	39190	37000	36500
16	29610	29270	29960	31100	33510	35300	37930	38970	40030	39160	36950	36340
17	29610	29270	30030	31130	33610	35350	37990	38940	40050	39160	36920	36290
18	29590	29360	30070	31130	33660	35450	38040	38970	40080	39110	36920	36240
19	29610	29400	30120	31150	33760	35450	38100	38920	40080	39080	36920	36160
20	29610	29400	30190	31200	33860	35450	38150	38920	40110	39050	36890	36130
21	29610	29400	30230	31220	33910	35660	38370	38890	40190	39000	36890	36130
22	29610	29400	30230	31270	33960	35970	38480	38830	40190	38970	36860	36080
23	29610	29400	30260	31310	34030	36110	38400	38780	40190	38920	36840	36030
24	29590	29400	30280	31380	34130	36210	38420	38830	40140	38860	37320	35970
25	29590	29430	30300	31480	34210	36310	38450	38920	40110	38810	37270	35920
26	29590	29430	30330	31600	34280	36420	38510	38920	40050	38750	37590	35870
27	29540	29470	30330	31690	34330	36520	38510	38890	39970	38670	37560	35840
28	29500	29500	30350	31840	34410	36600	38510	38860	39880	38610	37510	35790
29	29560	29520	30400	31960	---	36680	38590	38810	39860	38560	37450	35770
30	29520	29560	30440	32050	---	36970	38610	38810	39770	38510	37430	35710
31	29470	---	30490	32170	---	37050	---	39030	---	38450	37370	---
MEAN	29690	29370	29970	31190	33390	35510	37940	38890	39850	39090	37400	36470
MAX	29910	29560	30490	32170	34410	37050	38610	39050	40190	39690	38400	37290
MIN	29470	29270	29540	30560	32290	34460	37130	38640	39030	38450	36840	35710
CAL YEAR 2004	MEAN	29850	MAX	32170	MIN	26580						
WTR YEAR 2005	MEAN	34900	MAX	40190	MIN	29270						

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER near Trenton, 00126700

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

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

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

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

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

DISCHARGE (CFS), WATER YEAR 2005

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

No WATER WAS RELEASED FROM SWANSON RESERVOIR IN 2005.												
CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00						

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 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Imperial, 06831500

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

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

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,340 cubic feet per second March 22, 1960, gage height 8.43 ft.; minimum daily discharge 1.7 cubic feet per second July 24 & 25, 2003.

EXTREMES FOR CURRENT YEAR.--Peak discharge 103 cubic feet per second June 11, gage height 2.51 feet; minimum daily discharge 2.5 cubic feet per second August 9 10.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.5	3.8	4.0	4.1	4.4	4.2	3.9	4.3	5.8	4.4	2.7	2.8
2	3.5	3.7	4.0	4.1	4.6	4.2	3.6	4.3	5.5	4.3	2.7	2.8
3	3.5	3.6	4.1	4.2	4.6	4.2	3.8	4.2	5.5	4.2	2.7	2.8
4	3.5	3.6	4.1	4.1	4.4	4.3	4.0	4.1	5.6	4.2	2.8	2.8
5	3.5	3.6	4.1	4.0	4.3	4.5	4.0	4.2	5.4	4.2	2.8	2.8
6	5.3	3.5	4.2	4.0	4.3	4.3	3.8	4.6	5.3	4.1	2.8	2.8
7	7.3	3.5	4.2	4.1	4.2	4.8	3.8	4.9	5.1	3.9	2.7	2.9
8	4.2	3.5	4.3	4.1	4.2	5.0	3.8	5.4	5.0	3.7	2.6	2.9
9	4.0	3.6	4.2	4.2	4.2	4.9	4.3	5.7	5.1	3.6	2.5	2.7
10	3.9	3.8	4.2	4.2	4.2	4.9	4.7	6.0	7.6	3.4	2.5	2.6
11	3.9	3.8	4.2	4.1	4.2	4.8	5.2	7.1	30	3.3	2.6	2.6
12	3.9	3.8	4.2	4.2	4.3	4.7	5.0	12	8.8	3.2	8.7	2.6
13	3.9	3.6	4.1	4.1	4.2	4.9	4.2	6.7	7.9	3.2	4.3	2.7
14	4.0	3.6	4.1	3.9	4.3	4.7	3.4	6.0	7.5	3.0	3.6	2.8
15	4.1	3.7	4.1	3.9	4.6	4.6	3.4	5.9	9.4	3.0	3.3	2.8
16	4.1	3.7	4.1	3.7	4.4	4.5	3.5	5.7	8.1	3.0	3.1	2.8
17	4.0	3.7	4.1	3.9	4.4	4.5	4.0	5.3	7.5	2.9	3.5	2.7
18	3.9	3.9	4.1	4.1	4.4	4.5	4.2	4.9	7.1	2.9	3.2	2.8
19	3.8	3.9	4.1	4.2	4.4	4.4	4.2	4.9	6.7	2.8	3.1	3.0
20	3.9	3.8	4.1	4.2	4.4	4.4	4.1	4.8	6.3	2.8	3.1	2.9
21	4.0	3.8	4.0	4.3	4.5	5.0	5.0	4.7	6.3	2.8	3.0	2.8
22	3.9	3.8	4.1	4.3	4.5	5.1	4.6	4.7	5.8	2.7	3.1	2.7
23	3.9	3.8	4.0	4.2	4.4	5.0	4.5	5.0	5.5	2.6	3.2	2.9
24	3.9	4.0	3.9	4.2	4.4	5.0	4.4	5.7	5.4	2.6	3.3	2.9
25	4.0	4.3	4.1	4.2	4.3	4.7	4.4	5.7	5.3	3.6	3.2	2.9
26	4.0	4.1	4.2	4.2	4.3	4.7	4.3	5.3	5.2	3.5	3.2	2.9
27	4.0	4.1	4.2	4.1	4.5	4.5	4.3	5.1	5.2	3.3	3.1	2.9
28	4.0	4.2	4.2	4.1	4.3	4.5	4.5	5.1	5.0	3.2	3.1	2.9
29	3.7	4.1	4.1	4.0	---	4.2	4.5	5.1	4.8	3.0	3.0	2.9
30	3.7	4.1	4.2	4.1	---	4.3	4.4	5.2	4.6	2.7	3.0	3.0
31	3.8	---	4.1	4.1	---	4.2	---	6.2	---	2.7	2.8	---
TOTAL	124.6	114	127.7	127.2	122.2	142.5	125.8	168.8	208.3	102.8	99.3	84.4
MEAN	4.0	3.8	4.1	4.1	4.4	4.6	4.2	5.4	6.9	3.3	3.2	2.8
MAX	7.3	4.3	4.3	4.3	4.6	5.1	5.2	12	30	4.4	8.7	3.0
MIN	3.5	3.5	3.9	3.7	4.2	4.2	3.4	4.1	4.6	2.6	2.5	2.6
AC-FT	247	226	253	252	242	283	250	335	413	204	197	167
CAL YEAR 2004	TOTAL		1444	MEAN	3.9	MAX	7.3	MIN	2.4	AC-FT	2865	
WTR YEAR 2005	TOTAL		1548	MEAN	4.2	MAX	30.0	MIN	2.5	AC-FT	3070	

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 2005

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

NO WATER WAS RELEASED FROM ENDERS RESERVOIR IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

STINKING WATER CREEK near Palisade, 06835000

LOCATION.--SW1/4NW1/4 Sec. 30-5-33 W., Hayes County, Lat. 40°22'23", Long. 101°07'01", on right bank 25 feet downstream from 96 inch corrugated metal pipe, 1.25 miles upstream from mouth, and 1.75 miles northwest of Palisade.

DRAINAGE AREA.--Approximately 1,500 square miles; approximately 380 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,750.99 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1949 - present

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

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 4.9 cubic feet per second August 23, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharge 275 cubic feet per second June 14, gage height 8.02 feet; minimum daily discharge 6.0 cubic feet per second estimated December 27.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.0	11	11e	9.0e	17	15	25	18	25	15	7.3	11
2	9.3	12	8.9e	10e	17	14	22	18	28	14	7.1	10
3	9.8	12	9.3e	12e	18	13	16	18	29	13	6.9	10.0
4	9.7	12	14e	13e	17	13	13	17	37	13	6.7	9.5
5	9.6	12	15e	15e	17e	12	13	17	31	15	7.1	9.0
6	9.9	12	17	14e	17e	12	16	17	28	18	7.5	8.8
7	11	12	16	15e	17	11	16	17	28	15	7.3	8.8
8	11	12	17	15e	18e	11	16	16	29	12	7.3	8.9
9	11	12	17	17e	15e	12	16	16	29	12	7.2	8.4
10	13	12	16	17e	15	12	16	16	35	11	10	7.9
11	12	13	16	20e	13	14	17	16	46	11	21	7.3
12	11	13	16	17e	14	15	17	21	43	15	16	7.3
13	11	13	15	12e	15	15	18	20	111	24	16	7.3
14	12	13	15	14e	17	15	18	21	257	13	14	7.2
15	12	13	15	12e	17	15	18	19	188	13	12	7.4
16	13	13	14	13e	17	15	16	18	100	12	13	7.4
17	13	13	14	15e	17	15	16	16	71	11	18	7.5
18	13	14	13e	16e	16	15	16	14	56	10	20	7.4
19	13	14	13e	15e	16	15	16	13	48	9.1	15	7.2
20	13	15	13e	18e	16	15	15	13	42	8.7	13	7.2
21	13	15	12e	15e	16	17	17	12	38	7.8	13	6.9
22	13	15	11e	12e	16	23	21	11	34	7.1	12	6.8
23	13	14	12e	8.4e	16	25	23	10	31	6.8	13	6.8
24	12	14	14e	9.2e	16	20	18	9.9	29	6.5	13	7.0
25	12	14	10e	12e	16	19	17	12	26	6.6	19	7.1
26	12	14	9.7e	10e	16	18	15	14	25	7.3	14	7.4
27	12	14	6.0e	14e	15	17	14	15	24	7.6	13	7.5
28	13	15e	7.4e	16e	15	16	15	15	23	7.9	12	7.4
29	12	13e	8.6e	14e	---	15	16	18	21	7.8	12	7.3
30	12	11e	8.7e	16e	---	21	17	19	17	7.3	11	7.6
31	11	---	8.6e	16e	---	25	---	22	---	7.2	11	---
TOTAL	361.3	392	393.2	431.6	452	490	509	498.9	1529	344.7	375.4	237.3
MEAN	11.7	13.2	12.7	13.9	16.2	15.8	17.0	16.0	51.1	11.1	12.1	7.9
MAX	13	15	17	20	18	25	25	22	257	24	21	11
MIN	9.0	11	6.0	8.4	13	11	13	9.9	17	6.5	6.7	6.8
AC-FT	717	778	780	856	897	972	1010	990	3033	684	745	471
CAL YEAR 2004	TOTAL		5035	MEAN	13.8	MAX	148.0	MIN	6.0	AC-FT	9987	
WTR YEAR 2005	TOTAL		6014	MEAN	16.5	MAX	257.0	MIN	6.0	AC-FT	11930	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	0.00	28	19	28	25	13	---
2	---	---	---	---	---	0.00	28	24	28	24	11	---
3	---	---	---	---	---	0.00	29	25	28	25	13	---
4	---	---	---	---	---	0.00	29	24	28	25	11	---
5	---	---	---	---	---	0.00	29	23	28	26	10	---
6	---	---	---	---	---	0.00	27	22	28	27	10	---
7	---	---	---	---	---	0.00	22	25	25	28	9.6	---
8	---	---	---	---	---	0.00	17	25	26	28	9.1	---
9	---	---	---	---	---	0.00	17	25	27	28	9.8	---
10	---	---	---	---	---	0.00	16	27	25	26	12	---
11	---	---	---	---	---	0.00	16	28	26	25	20	---
12	---	---	---	---	---	0.00	16	25	26	26	15	---
13	---	---	---	---	---	0.00	16	26	25	27	16	---
14	---	---	---	---	---	0.00	16	25	26	26	14	---
15	---	---	---	---	---	0.00	21	28	25	25	14	---
16	---	---	---	---	---	0.00	25	28	25	23	14	---
17	---	---	---	---	---	0.00	26	28	25	20	13	---
18	---	---	---	---	---	0.00	23	26	25	19	16	---
19	---	---	---	---	---	0.00	21	25	25	18	18	---
20	---	---	---	---	---	0.00	18	26	22	17	17	---
21	---	---	---	---	---	0.00	20	25	25	16	16	---
22	---	---	---	---	---	0.00	19	25	25	15	16	---
23	---	---	---	---	---	0.00	20	32	26	14	17	---
24	---	---	---	---	---	0.00	20	34	26	13	14	---
25	---	---	---	---	---	0.00	20	35	26	14	0.00	---
26	---	---	---	---	---	0.00	19	33	25	15	0.00	---
27	---	---	---	---	---	0.00	18	33	25	15	0.00	---
28	---	---	---	---	---	0.00	18	35	25	16	0.00	---
29	---	---	---	---	---	8.3	18	34	25	15	0.00	---
30	---	---	---	---	---	29	19	34	25	15	0.00	---
31	---	---	---	---	---	38	---	31	---	14	0.00	---
TOTAL	0	0	0	0	0	75.3	631	855	774	650	328.5	0
MEAN	---	---	---	---	---	2.4	21.0	27.6	25.7	20.9	10.6	---
MAX	---	---	---	---	---	38	29	35	28	28	20	---
MIN	---	---	---	---	---	0.00	16	19	22	13	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	149	1252	1696	1535	1289	652	0.00
CAL YEAR 2004	MAX	35.0	MIN	0.000	AC-FT	8690						
WTR YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	6573						

REPUBLICAN RIVER BASIN

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	9.7	8.4	4.4	9.1
2	---	---	---	---	---	---	---	---	10	11	2.4	9.0
3	---	---	---	---	---	---	---	---	11	11	4.3	9.0
4	---	---	---	---	---	---	---	---	11	11	1.9	8.9
5	---	---	---	---	---	---	---	---	10	11	0.42	9.6
6	---	---	---	---	---	---	---	---	10	11	0.11	8.9
7	---	---	---	---	---	---	---	---	10	11	0.56	8.8
8	---	---	---	---	---	---	---	---	9.7	11	0.49	9.0
9	---	---	---	---	---	---	---	---	10	10	0.52	9.0
10	---	---	---	---	---	---	---	---	10	10	6.9	9.0
11	---	---	---	---	---	---	---	---	11	10	3.2	9.0
12	---	---	---	---	---	---	---	---	11	9.9	3.2	8.9
13	---	---	---	---	---	---	---	---	11	10.0	4.7	8.9
14	---	---	---	---	---	---	---	---	13	10.0	3.4	9.0
15	---	---	---	---	---	---	---	---	14	9.6	4.0	9.2
16	---	---	---	---	---	---	---	---	13	9.4	4.5	9.2
17	---	---	---	---	---	---	---	---	12	9.1	7.5	9.2
18	---	---	---	---	---	---	---	---	11	8.2	9.0	9.3
19	---	---	---	---	---	---	---	---	11	7.3	7.6	9.4
20	---	---	---	---	---	---	---	---	11	7.8	4.6	9.4
21	---	---	---	---	---	---	---	---	11	7.3	4.5	9.2
22	---	---	---	---	---	---	---	---	11	6.7	4.7	---
23	---	---	---	---	---	---	---	---	11	5.7	5.3	---
24	---	---	---	---	---	---	---	---	11	4.4	5.9	---
25	---	---	---	---	---	---	---	---	11	4.0	8.0	---
26	---	---	---	---	---	---	---	---	11	5.0	9.5	---
27	---	---	---	---	---	---	---	9.0	6.7	5.5	8.9	---
28	---	---	---	---	---	---	---	9.1	0.90	4.8	8.9	---
29	---	---	---	---	---	---	---	9.2	0.07	4.9	9.0	---
30	---	---	---	---	---	---	---	9.3	0.63	5.2	9.1	---
31	---	---	---	---	---	---	---	9.6	---	5.0	9.1	---
TOTAL	0	0	0	0	0	0	0	46.2	293.7	255.2	156.6	191
MEAN	---	---	---	---	---	---	---	9.2	9.8	8.2	5.1	9.1
MAX	---	---	---	---	---	---	---	9.6	14	11	9.5	9.6
MIN	---	---	---	---	---	---	---	9.0	0.07	4.0	0.11	8.8
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92	583	506	311	379
CAL YEAR 2004	MAX	15.0	MIN	0.000	AC-FT	1443						
WTR YEAR 2005	MAX	14.0	MIN	0.070	AC-FT	1870						

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake, 06837300

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 3.1 cubic feet per second July 12, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 105 cubic feet per second May 12, gage height 5.64 feet; minimum daily discharge 2.5 cubic feet per second August 1 & 4.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.3	9.5	3.9e	11e	15	14	26	14	9.4	7.4	2.5	6.0
2	6.3	9.4	4.6e	11e	15	14	22	14	11	7.0	2.7	5.9
3	6.8	9.5	5.6e	11e	15	13	19	14	45	6.6	2.6	5.8
4	7.2	9.6	9.1e	11e	15	13	16	13	51	6.5	2.5	5.8
5	7.6	10.0	13	10e	14	13	15	13	65	7.4	5.2	5.7
6	8.7	10	13	9.9e	14	13	17	12	63	7.4	3.9	5.6
7	9.1	10	14	9.7e	14	13	17	12	42	6.7	3.9	5.5
8	9.9	11	14	9.3e	13e	13	15	11	34	6.5	3.4	5.4
9	9.7	12	14	9.7e	13e	13	14	10	27	6.6	2.9	5.3
10	9.3	13	13	11e	12e	14	13	9.8	22	6.4	3.5	4.9
11	9.4	12	13	13e	13e	14	14	10	19	6.9	3.3	4.9
12	8.9	12	13	13e	13	14	15	47	16	6.8	14	4.6
13	9.3	12	13	14e	13	14	16	50	19	6.5	7.9	4.8
14	8.5	12	13	13e	14	13	16	36	17	6.5	5.4	5.0
15	8.9	12	13	13e	15	13	16	36	15	6.0	5.6	4.9
16	9.2	12	13	11e	15	13	15	25	17	5.6	5.9	4.7
17	9.7	13	13	10e	15	13	14	18	15	5.3	6.4	4.7
18	9.7	14	12	9.6e	14	14	13	16	13	5.2	6.3	4.8
19	9.8	15	12	9.4e	14	15	13	13	12	5.7	6.1	4.9
20	10	16	12	9.7e	15	15	12	12	11	5.3	5.8	4.9
21	11	16	13	10e	15	17	14	11	9.4	4.2	5.6	4.8
22	11	15	13e	12e	15	20	15	9.5	8.7	4.1	5.6	4.6
23	10	14	12e	12e	15	22	15	8.7	8.1	3.7	5.2	4.6
24	9.8	14	11e	13e	15	22	18	7.9	7.9	3.5	5.0	4.8
25	9.3	13	11e	13e	15	21	17	7.9	7.0	4.1	4.9	4.7
26	8.9	13	10.0e	14e	14	19	15	8.2	7.5	3.9	5.8	4.9
27	8.9	13	11e	14e	14	18	14	7.8	8.2	3.6	6.2	4.8
28	9.1	13	11e	14e	14	17	14	7.3	8.1	3.5	6.3	4.4
29	9.2	13e	11e	15e	---	16	14	6.9	8.3	3.3	6.3	4.4
30	9.2	4.9e	11e	15	---	25	14	6.8	7.9	2.7	5.9	4.6
31	9.5	---	11e	15	---	29	---	8.1	---	3.1	5.9	---
TOTAL	280.2	362.9	356.2	366.3	398	497	468	475.9	604.5	168	162.5	150.7
MEAN	9.0	12.1	11.5	11.8	14.2	16.0	15.6	15.4	20.1	5.4	5.3	5.0
MAX	11	16	14	15	15	29	26	50	65	7.4	14	6.0
MIN	6.3	4.9	3.9	9.3	12	13	12	6.8	7.0	2.7	2.5	4.4
AC-FT	556	720	707	727	789	986	928	944	1199	333	322	299
CAL YEAR 2004 TOTAL			4306	MEAN	11.8	MAX	184.0	MIN	3.9	AC-FT	8541	
WTR YEAR 2005 TOTAL			4290	MEAN	11.8	MAX	65.0	MIN	2.5	AC-FT	8509	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390

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

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

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

PERIOD OF RECORD.--September 1961 - present

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

STORAGE (ACFT), WATER YEAR 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17710	17730	18050	18400	18840	19210	19910	20310	20530	21410	20430	20220
2	17680	17700	18070	18410	18870	19230	19940	20320	20560	21370	20380	20190
3	17660	17700	18080	18420	18880	19230	19960	20330	20830	21360	20350	20160
4	17640	17730	18090	18430	18890	19240	19980	20350	21100	21320	20310	20140
5	17630	17710	18100	18460	18910	19250	19990	20360	21220	21310	20250	20120
6	17630	17710	18110	18460	18920	19260	20010	20290	21300	21290	20220	20170
7	17690	17710	18130	18470	18930	19270	20010	20350	21390	21250	20200	20150
8	17690	17710	18140	18480	18940	19270	20000	20360	21440	21230	20160	20140
9	17680	17710	18180	18510	18960	19270	20030	20360	21460	21190	20140	20120
10	17670	17730	18190	18520	18980	19300	20030	20360	21500	21160	20110	20080
11	17680	17760	18190	18530	19000	19280	20070	20350	21560	21170	20090	20050
12	17710	17760	18190	18550	19010	19280	20060	20400	21560	21160	20070	20010
13	17710	17760	18190	18560	19030	19280	20060	20440	21610	21130	20190	19990
14	17700	17770	18200	18550	19040	19280	20070	20490	21610	21100	20160	19950
15	17700	17770	18200	18560	19050	19280	20070	20530	21590	21060	20130	19920
16	17700	17780	18210	18560	19070	19280	20150	20560	21620	21030	20110	19890
17	17700	17790	18240	18570	19070	19300	20160	20580	21630	20990	20240	19840
18	17700	17870	18250	18580	19090	19340	20190	20600	21630	20940	20240	19830
19	17700	17920	18260	18590	19110	19300	20200	20600	21630	20900	20220	19820
20	17700	17930	18270	18630	19120	19310	20210	20600	21630	20880	20210	19810
21	17730	17940	18280	18650	19130	19370	20230	20590	21610	20830	20210	19790
22	17730	17950	18270	18660	19140	19470	20240	20580	21610	20810	20200	19750
23	17730	17960	18280	18670	19150	19510	20240	20550	21580	20760	20170	19730
24	17730	17970	18290	18690	19160	19530	20240	20550	21570	20710	20200	19710
25	17730	17970	18300	18710	19190	19560	20240	20560	21540	20680	20190	19710
26	17730	17980	18310	18720	19200	19570	20250	20550	21540	20670	20280	19690
27	17740	18010	18320	18730	19210	19610	20270	20520	21520	20620	20270	19660
28	17740	18020	18340	18780	19210	19630	20280	20490	21490	20580	20250	19650
29	17760	18040	18340	18790	---	19640	20290	20480	21480	20530	20290	19610
30	17750	18050	18370	18810	---	19860	20300	20470	21440	20480	20270	19590
31	17740	---	18390	18830	---	19890	---	20470	---	20450	20250	---
MEAN	17700	17840	18220	18590	19040	19390	20120	20460	21430	20980	20220	19920
MAX	17760	18050	18390	18830	19210	19890	20300	20600	21630	21410	20430	20220
MIN	17630	17700	18050	18400	18840	19210	19910	20290	20530	20450	20070	19590
CAL YEAR 2004	MEAN	17450	MAX	18390	MIN	15610						
WTR YEAR 2005	MEAN	19490	MAX	21630	MIN	17630						

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 2005

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

 NO WATER WAS RELEASED FROM HUGH BUTLER LAKE IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

RED WILLOW CANAL from Red Willow Creek, 00126000

LOCATION.--SW1/4SE1/4 Sec 25-4-29 W. near Red Willow

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1963 - present

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

DISCHARGE (CFS), WATER YEAR 2005

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

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 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

MEDICINE CREEK above Harry Strunk Lake, 06841000

LOCATION.--SW1/4 Sec. 7-6-26 W., Frontier County, Lat. 40°30'10", Long. 100°19'20", on right bank 3.75 miles southeast of Stockville and 13.5 miles upstream from Medicine Creek Dam.

DRAINAGE AREA.--770 square miles, of which approximately 530 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2,380.94 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1950 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except discharges above 125 cubic feet per second are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 11,600 cubic feet per second June 21, 1967, gage height 20.05 feet; minimum daily discharge 7.1 cubic feet per second August 8, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharge 519 cubic feet per second June 3, gage height 10.10 feet; minimum daily discharge 13 cubic feet per second August 4.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26	30	39e	43	43	42	59	45	40	37	16	25
2	26	30	37e	43	45	41	53	44	66	34	15	24
3	26	31	40e	42e	44	41	50	43	391	33	14	24
4	25	31	41e	35e	44	42	49	42	313	32	13	22
5	25	32	41e	29e	45	42	48	41	217	32	14	23
6	27	32	41	25e	44	42	46	41	139	31	14	22
7	28	32	41	23e	43	42	46	43	114	30	15	22
8	29	33	42	20e	42e	42e	45	41	91	30	17	22
9	29	33	41	22e	41e	43e	44	39	65	29	17	21
10	29	35	41	23e	41e	43e	44	38	57	27	24	21
11	29	35	41	25e	40e	42e	45	37	56	27	19	21
12	28	35	41	26e	41e	42e	46	214	54	29	22	21
13	27	35	41	21e	41e	44e	47	349	57	27	30	21
14	26	35	43	16e	42e	43e	47	163	59	28	33	21
15	27	36	40	19e	42e	42	46	82	61	28	31	22
16	27	36	40	18e	43e	42	45	63	57	27	29	22
17	28	37	40	19e	43e	42	44	53	56	26	29	21
18	29	40	41	23e	42	42	44	48	51	25	28	21
19	54	41	41	24e	42	41	44	45	45	24	28	22
20	38	44	41	34e	42	42	43	43	43	23	27	22
21	37	43	41e	31e	43	45	44	41	42	21	27	22
22	35	42	37e	29e	43	49	47	39	43	21	30	21
23	33	41	34e	33e	44	55	59	37	42	18	27	21
24	32	39	29e	40e	44	53	54	36	39	18	27	21
25	31	39	29e	46	44	51	50	36	37	18	26	22
26	30	39	32e	46	43	49	47	35	36	19	28	23
27	30	39	37e	45	43	47	46	34	36	19	47	23
28	30	40	38e	45	42	46	45	35	39	18	32	22
29	31	40	40e	43	---	46	44	34	53	18	33	22
30	31	41e	42	43	---	53	46	35	45	17	27	23
31	30	---	42	43	---	61	---	38	---	16	26	---
TOTAL	933	1096	1214	974	1196	1397	1417	1914	2444	782	765	660
MEAN	30.0	36.5	39.1	31.3	42.7	45.0	47.2	61.7	81.5	25.2	24.6	21.9
MAX	54	44	43	46	45	61	59	349	391	37	47	25
MIN	25	30	29	16	40	41	43	34	36	16	13	21
AC-FT	1851	2174	2408	1932	2372	2771	2811	3796	4848	1551	1517	1309
CAL YEAR 2004	TOTAL		12645	MEAN	34.5	MAX	102.0	MIN	17.0	AC-FT	25080	
WTR YEAR 2005	TOTAL		14792	MEAN	40.5	MAX	391.0	MIN	13.0	AC-FT	29340	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HARRY STRUNK LAKE near Cambridge, 06842000

LOCATION.--NEL/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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15180	17020	19110	21260	23750	25500	28230	30420	33290	35780	25680	20320
2	15200	17040	19150	21320	23810	25600	28340	30480	33430	35500	25300	20350
3	15220	17100	19220	21380	23890	25680	28430	30550	33740	35190	24880	20390
4	15260	17180	19300	21480	23980	25730	28520	30630	34670	34920	24460	20420
5	15290	17200	19390	21560	24070	25800	28640	30720	35170	34580	24050	20460
6	15340	17260	19460	21560	24150	25870	28760	30790	35500	34240	23710	20550
7	15460	17310	19550	21610	24240	25960	28760	30850	35720	33940	23400	20560
8	15540	17370	19630	21700	24310	25980	28810	30920	35910	33580	23120	20600
9	15580	17440	19700	21790	24390	26060	28880	30970	36000	33290	22800	20620
10	15630	17500	19790	21860	24460	26120	28970	31050	36150	32930	22500	20640
11	15680	17610	19850	21940	24530	26180	29070	31110	36240	32580	22240	20660
12	15740	17650	19920	22020	24610	26240	29100	31210	36280	32180	21920	20670
13	15810	17710	19990	22090	24720	26300	29140	31310	36330	31840	22330	20670
14	15850	17770	20040	22140	24800	26370	29220	32060	36390	31440	22110	20700
15	15920	17830	20110	22230	24880	26440	29280	32280	36390	31110	21980	20710
16	15970	17910	20210	22330	24960	26480	29360	32410	36480	30770	21790	20720
17	16020	17970	20250	22410	25030	26550	29440	32520	36520	30400	21700	20730
18	16070	18120	20320	22510	25090	26660	29500	32620	36540	30080	21710	20770
19	16140	18230	20380	22610	25180	26670	29590	32670	36580	29720	21660	20810
20	16240	18310	20460	22690	25260	26720	29670	32720	36610	29370	21600	20840
21	16320	18390	20530	22780	25340	26860	29750	32770	36710	29000	21530	20850
22	16410	18470	20590	22860	25400	27090	29830	32820	36650	28680	21420	20880
23	16480	18560	20650	22940	25470	27160	29840	32870	36670	28380	21300	20900
24	16540	18620	20670	23030	25570	27250	29920	32910	36670	28020	21160	20910
25	16600	18690	20710	23120	25640	27380	30000	32960	36650	27700	21030	20910
26	16670	18750	20780	23210	25720	27450	30080	32960	36650	27410	20950	20950
27	16710	18840	20860	23280	25810	27540	30130	32990	36630	27050	20840	20960
28	16790	18910	20940	23400	25870	27610	30240	33010	36460	26760	20760	21000
29	16850	19020	21020	23490	---	27700	30290	33050	36240	26460	20620	20980
30	16900	19050	21090	23570	---	28050	30350	33080	36050	26200	20430	21010
31	16950	---	21180	23650	---	28140	---	33220	---	25950	20310	---
MEAN	16010	17960	20160	22380	24820	26620	29340	31960	35980	30810	22230	20720
MAX	16950	19050	21180	23650	25870	28140	30350	33220	36710	35780	25680	21010
MIN	15180	17020	19110	21260	23750	25500	28230	30420	33290	25950	20310	20320
CAL YEAR 2004	MEAN	23310	MAX	31860	MIN	13750						
WTR YEAR 2005	MEAN	24900	MAX	36710	MIN	15180						

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 224 cubic feet per second August 4, gage height 3.07 feet;
minimum daily discharge 0.18 cubic feet per second September 19 & 20.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.1	0.24	0.28	0.42	0.45	0.38	0.74	0.48	0.46	143	183	1.1
2	2.9	0.24	0.28	0.40	0.44	0.38	0.67	0.45	0.65	148	209	0.60
3	3.0	0.36	0.28	0.41	0.43	0.37	0.67	0.43	1.3	157	223	0.71
4	2.7	0.43	0.29	0.44	0.42	0.36	0.65	0.42	1.0	169	219	1.1
5	0.88	0.31	0.31	0.45	0.42	0.36	0.64	0.48	1.1	163	174	1.4
6	0.70	0.33	0.32	0.45	0.42	0.54	0.66	0.69	0.78	161	167	1.8
7	0.60	0.30	0.32	0.44	0.40	0.63	0.61	1.2	0.87	160	164	2.1
8	0.48	0.26	0.32	0.42	0.39	0.46	0.61	1.6	1.5	161	167	2.4
9	0.56	0.25	0.34	0.42	0.39	0.40	0.75	1.4	3.0	170	178	2.6
10	0.74	0.31	0.33	0.43	0.37	0.40	1.2	0.73	4.7	180	183	2.7
11	1.0	0.33	0.34	0.42	0.35	0.41	1.5	0.44	6.8	192	180	2.7
12	0.91	0.31	0.36	0.41	0.36	0.51	0.92	0.39	9.4	196	144	1.6
13	0.37	0.32	0.35	0.40	0.42	0.78	0.65	0.53	12	202	124	1.1
14	0.24	0.37	0.36	0.38	0.38	0.84	0.66	0.97	10	194	119	0.54
15	0.22	0.49	0.37	0.37	0.36	0.48	0.74	0.69	11	178	112	0.39
16	0.24	0.37	0.38	0.37	0.36	0.38	0.69	0.77	13	180	110	0.30
17	0.38	0.32	0.39	0.39	0.35	0.39	0.71	0.52	14	178	86	0.24
18	0.60	0.55	0.41	0.39	0.34	0.37	0.81	0.33	15	178	63	0.21
19	0.70	0.52	0.40	0.42	0.36	0.45	0.64	0.23	13	177	67	0.18
20	0.66	0.38	0.42	0.44	0.37	0.87	0.56	0.22	13	189	72	0.18
21	1.1	0.32	0.40	0.46	0.37	1.5	0.54	0.37	15	190	81	0.21
22	1.4	0.29	0.39	0.44	0.37	1.2	0.50	0.52	15	147	108	0.24
23	1.7	0.29	0.38	0.41	0.37	0.73	0.46	0.53	15	158	104	1.5
24	1.9	0.28	0.39	0.44	0.37	0.63	0.58	0.33	15	164	107	4.8
25	0.89	0.28	0.41	0.44	0.41	0.52	0.71	0.30	15	192	112	6.9
26	0.36	0.29	0.41	0.43	0.39	0.49	0.55	0.27	15	169	92	1.1
27	0.27	0.29	0.42	0.44	0.39	0.48	0.47	0.28	51	154	94	2.0
28	0.28	0.33	0.43	0.45	0.39	0.53	0.59	0.28	115	154	105	0.54
29	0.28	0.33	0.44	0.45	---	0.55	0.61	0.30	134	126	132	2.1
30	0.24	0.29	0.45	0.45	---	1.4	0.53	0.32	146	131	129	2.2
31	0.25	---	0.43	0.46	---	1.0	---	0.55	---	141	13	---
TOTAL	29.65	9.98	11.4	13.14	10.84	18.79	20.62	17.02	668.56	5202	4021	45.54
MEAN	0.95	0.33	0.37	0.42	0.39	0.61	0.68	0.55	22.4	167.8	129.8	1.5
MAX	3.1	0.55	0.45	0.46	0.45	1.5	1.5	1.6	146	202	223	6.9
MIN	0.22	0.24	0.28	0.37	0.34	0.36	0.46	0.22	0.46	126	13	0.18
AC-FT	59	20	23	26	22	37	41	34	1326	10320	7976	90
CAL YEAR 2004	TOTAL		11735	MEAN	32.1	MAX	220.0	MIN	0.020	AC-FT	23280	
WTR YEAR 2005	TOTAL		10069	MEAN	27.6	MAX	223.0	MIN	0.18	AC-FT	19970	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	168	159	0.00
2	---	---	---	---	---	---	---	---	0.00	168	189	0.00
3	---	---	---	---	---	---	---	---	0.00	172	210	0.00
4	---	---	---	---	---	---	---	---	0.00	182	210	0.00
5	---	---	---	---	---	---	---	---	0.00	185	175	0.00
6	---	---	---	---	---	---	---	---	0.00	182	160	0.00
7	---	---	---	---	---	---	---	---	0.00	180	158	0.00
8	---	---	---	---	---	---	---	---	0.00	175	162	0.00
9	---	---	---	---	---	---	---	---	0.00	172	167	0.00
10	---	---	---	---	---	---	---	---	0.00	172	173	0.00
11	---	---	---	---	---	---	---	---	0.00	179	178	0.00
12	---	---	---	---	---	---	---	---	0.00	187	144	0.00
13	---	---	---	---	---	---	---	---	0.00	192	112	0.00
14	---	---	---	---	---	---	---	---	0.00	190	113	0.00
15	---	---	---	---	---	---	---	---	0.00	174	109	0.00
16	---	---	---	---	---	---	---	---	0.00	171	104	0.00
17	---	---	---	---	---	---	---	---	0.00	171	74	0.00
18	---	---	---	---	---	---	---	---	0.00	172	56	0.00
19	---	---	---	---	---	---	---	---	0.00	174	57	0.00
20	---	---	---	---	---	---	---	---	55	181	58	0.00
21	---	---	---	---	---	---	---	---	80	188	58	0.00
22	---	---	---	---	---	---	---	---	70	165	83	0.00
23	---	---	---	---	---	---	---	---	70	154	94	0.00
24	---	---	---	---	---	---	---	---	63	156	93	0.00
25	---	---	---	---	---	---	---	---	65	175	103	0.00
26	---	---	---	---	---	---	---	---	65	163	95	0.00
27	---	---	---	---	---	---	---	---	61	155	85	0.00
28	---	---	---	---	---	---	---	---	113	161	87	0.00
29	---	---	---	---	---	---	---	---	141	141	112	0.00
30	---	---	---	---	---	---	---	---	157	130	125	0.00
31	---	---	---	---	---	---	---	---	---	132	41	---
TOTAL	0	0	0	0	0	0	0	0	940	5267	3744	0
MEAN	---	---	---	---	---	---	---	---	31.3	170.0	120.8	0.000
MAX	---	---	---	---	---	---	---	---	157	192	210	0.00
MIN	---	---	---	---	---	---	---	---	0.00	130	41	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1864	10450	7426	0.00
CAL YEAR 2004	MAX	206.0	MIN	0.000	AC-FT	21960						
WTR YEAR 2005	MAX	210.0	MIN	0.000	AC-FT	19740						

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 294 cubic feet per second June 4, gage height 8.40 feet; minimum daily discharge 1.7 cubic feet per second estimated January 15 & 16.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.1	4.6	4.6	4.3e	4.9e	5.3	7.3	5.0	6.3	4.0	3.3	3.5
2	4.1	4.7	4.5	4.1e	5.0e	5.4	6.3	4.9	6.9	4.1	4.0	3.5
3	3.8	4.4	4.4	3.9e	5.8	5.4	5.9	4.9	24	4.3	3.0	3.5
4	3.6	4.3	4.6	3.8	5.7	5.4	5.8	5.1	215	4.3	3.6	3.3
5	3.4	4.1	4.7	3.2e	5.7	5.4	5.8	5.4	61	4.4	4.2	3.4
6	3.7	4.2	4.8	2.4e	5.0e	5.3	7.1	5.4	18	4.2	3.0	3.5
7	4.1	4.2	4.6	3.6e	2.8e	5.2	6.6	5.2	10	4.5	3.0	3.4
8	4.1	4.3	4.7	3.7e	2.4e	5.1	6.0	5.0	7.5	4.6	3.4	3.4
9	3.8	4.3	4.6	4.7e	2.3e	5.2	5.7	4.8	8.2	4.5	3.3	3.3
10	3.7	4.3	4.5	3.5e	3.7e	5.1	5.7	4.8	48	5.2	3.2	3.2
11	3.9	4.3	4.3	3.1e	4.9e	4.9	5.8	4.8	56	5.1	3.8	3.0
12	3.9	4.2	4.5	2.3e	5.6e	4.9	5.8	5.2	14	4.5	9.9	2.9
13	3.7	4.2	4.4	2.1e	7.1	4.9	5.6	5.3	9.4	4.2	20	2.8
14	3.7	4.3	4.9	2.8e	7.2	4.9	5.4	5.3	7.0	4.5	12	2.8
15	4.0	4.4	4.7	1.7e	6.3	4.9	5.2	5.3	6.1	4.3	7.9	2.9
16	4.2	4.4	4.6	1.7e	5.9	4.9	5.2	5.0	5.7	4.3	3.9	2.7
17	4.3	4.5	4.6	2.0e	5.6	4.9	4.9	4.7	5.4	3.8	6.0	2.8
18	4.3	5.5	5.2	3.1e	5.4	4.9	5.1	4.5	5.2	4.6	4.3	2.8
19	4.4	5.7	5.1	4.3e	5.5	4.8	5.1	4.3	5.1	4.1	4.5	2.9
20	4.5	5.1	5.8	5.1e	5.6	5.0	5.0	4.3	5.0	3.7	4.1	3.0
21	4.7	4.9	5.0	5.8	5.8	8.7	4.6	4.2	6.6	3.6	3.9	2.9
22	4.5	4.7	4.3e	4.4	5.6	9.9	4.4	4.0	13	3.7	3.9	2.9
23	5.1	4.6	4.4	5.0e	5.6	8.1	4.3	3.9	10.0	3.3	3.9	2.8
24	4.9	4.5	4.6	5.5e	5.5	7.0	4.4	4.0	4.5	3.2	4.1	2.9
25	5.1	4.5	4.7	5.8e	5.5	6.3	4.5	4.4	4.7	3.2	4.3	3.0
26	5.0	4.6	4.9	5.2e	5.4	5.8	4.6	4.0	4.5	4.1	4.9	3.3
27	5.0	4.6	5.0	4.4e	5.5	5.5	4.6	3.9	4.5	3.6	4.7	3.0
28	5.4	4.8	5.0	3.1e	5.5	5.4	4.9	3.9	4.4	3.5	4.3	3.1
29	5.1	4.8	5.0	3.7e	---	5.5	5.0	4.1	5.5	3.5	4.2	3.1
30	5.1	4.6	5.3	4.5e	---	7.6	5.1	4.2	4.2	3.3	4.4	3.1
31	4.5	---	4.9e	4.0e	---	8.6	---	5.9	---	3.3	3.8	---
TOTAL	133.7	136.6	147.2	116.8	146.8	180.2	161.7	145.7	585.7	125.5	156.8	92.7
MEAN	4.3	4.6	4.7	3.8	5.2	5.8	5.4	4.7	19.5	4.0	5.1	3.1
MAX	5.4	5.7	5.8	5.8	7.2	9.9	7.3	5.9	215	5.2	20	3.5
MIN	3.4	4.1	4.3	1.7	2.3	4.8	4.3	3.9	4.2	3.2	3.0	2.7
AC-FT	265	271	292	232	291	357	321	289	1162	249	311	184
CAL YEAR 2004	TOTAL		2010	MEAN	5.5	MAX	74.0	MIN	2.2	AC-FT	3987	
WTR YEAR 2005	TOTAL		2129	MEAN	5.8	MAX	215.0	MIN	1.7	AC-FT	4224	

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 597 cubic feet per second June 4, gage height 12.06 feet; minimum daily discharge 5.0 cubic feet per second January 16 (estimated) and August 10.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.8	9.7	10	14	15e	13	15	14	20	12	5.8	7.5
2	10	9.6	12	13	13e	13	14	14	20	11	6.1	6.8
3	10	9.7	13	13e	14e	13	15	13	180	26	6.7	7.2
4	9.9	9.8	13	11e	14	13	15	13	376	13	6.7	6.9
5	9.8	9.9	13	9.0e	14	13	15	13	96	13	6.1	6.7
6	9.8	9.7	13	8.0e	14	13	16	13	47	13	5.8	106
7	13	9.9	13	9.0e	14	13	15	13	26	13	6.0	12
8	11	10	13	10e	13	13	14	13	23	12	5.3	8.0
9	9.8	10	12	12e	13	13	14	13	17	10	5.4	7.5
10	9.3	11	12	15e	13e	13	15	13	32	11	5.0	7.3
11	9.5	11	12	13e	12e	13	16	13	66	9.9	9.2	7.3
12	9.6	11	12	12e	11e	13	16	14	22	10	7.0	7.8
13	9.0	10	12	10e	12e	14	15	17	18	9.7	34	7.6
14	8.8	11	9.2	8.0e	13e	13	15	14	17	9.1	12	7.4
15	9.2	11	13	6.5e	14	13	14	13	16	8.7	6.5	7.7
16	9.7	11	15	5.0e	14	13	14	13	15	9.2	6.0	7.6
17	9.7	11	18	6.0e	13	14	14	14	15	8.7	7.4	7.3
18	9.2	13	13	6.5e	13	14	14	13	16	9.8	11	7.5
19	9.2	14	13	10e	13	14	15	13	15	9.7	13	7.6
20	9.1	13	14	18e	14	13	15	13	15	9.2	7.4	7.9
21	9.0	11	13	30e	14	18	14	13	15	8.9	7.1	7.6
22	9.1	11	12	32e	13	24	14	13	15	9.5	8.9	7.4
23	9.4	11	11	20e	13	18	14	13	14	9.1	8.0	7.5
24	9.6	11	11	23e	13	16	14	13	14	7.7	8.1	7.4
25	9.1	11	15	33e	13	15	14	14	14	6.6	7.9	8.3
26	9.2	11	21	29e	13	14	14	17	14	6.7	9.0	8.1
27	9.2	12	16	20e	13	14	14	14	13	7.7	8.9	7.6
28	9.3	12	15	15e	13	14	14	14	13	8.4	8.4	7.2
29	9.9	12	15	12e	---	15	15	18	14	7.8	8.1	7.3
30	9.7	11	15	13e	---	16	14	17	12	7.5	8.1	7.6
31	9.5	---	15	14e	---	18	---	17	---	6.9	7.9	---
TOTAL	298.4	328.3	414.2	450	371	446	437	432	1190	314.8	262.8	327.6
MEAN	9.6	10.9	13.3	14.5	13.3	14.3	14.6	14.0	39.6	10.2	8.5	10.9
MAX	13	14	21	33	15	24	16	18	376	26	34	106
MIN	8.8	9.6	9.2	5.0	11	13	14	13	12	6.6	5.0	6.7
AC-FT	592	651	822	893	736	885	867	857	2360	624	521	650
CAL YEAR 2004	TOTAL		4517	MEAN	12.3	MAX	60.0	MIN	2.4	AC-FT	8960	
WTR YEAR 2005	TOTAL		5272	MEAN	14.4	MAX	376.0	MIN	5.0	AC-FT	10460	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

BEAVER CREEK near Beaver City, 06847000

LOCATION.--SW1/4SW1/4 Sec. 23-2-23 W., Furnas County, Lat. 40° 07' 12", Long. 99° 53' 35", on left bank 400 feet downstream from bridge on U.S. Highway 283, 0.75 mile south of State Highway 89, and 3.5 miles west of Beaver City, and 25.5 miles above the mouth.

DRAINAGE AREA.--2,081 square miles, approximately 1,650 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,164.84 feet above sea level.

PERIOD OF RECORD.--1936 - present (Some records are monthly discharge only, published in WSP 1310).

REMARKS.--Published by U. S. Geological Survey up to October 1, 1994. Records are fair, except estimated records and records below 5 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,510 cubic feet per second June 14, 1983, gage height 15.68 ft. No flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 9.64 cubic feet per second August 17, gage height 3.09 feet; minimum daily discharge 0.01 cubic feet per second January 17 and August 3 - 11, 16.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.06	0.35	0.24	0.17	0.30	0.60	2.2	0.33	0.34	0.08	0.02	0.05
2	0.06	0.22	0.24	0.15	0.30	0.63	0.86	0.36	0.35	0.09	0.02	0.05
3	0.06	0.19	0.21	0.15	0.29	0.55	0.35	0.35	1.1	0.09	0.01	0.05
4	0.07	0.18	0.23	0.15	0.30	0.43	0.34	0.35	0.67	0.11	0.01	0.05
5	0.06	0.19	0.23	0.19	0.30	0.34	0.36	0.36	0.54	0.10	0.01	0.14
6	0.06	0.16	0.24	0.22	0.33	0.30	0.68	0.36	0.43	0.10	0.01	0.90
7	0.11	0.16	0.22	0.23	0.31	0.47	0.41	0.33	0.31	0.09	0.01	0.06
8	0.05	0.15	0.22	0.22	0.28	0.73	0.36	0.35	0.28	0.09	0.01	0.05
9	0.04	0.16	0.23	0.23	0.31	0.78	0.31	0.37	0.28	0.09	0.01	0.04
10	0.04	0.20	0.21	0.18	0.33	0.74	0.32	0.40	0.56	0.09	0.01	0.03
11	0.04	0.20	0.22	0.19	0.33	0.52	0.32	0.39	0.43	0.08	0.01	0.03
12	0.04	0.18	0.22	0.19	0.33	0.36	0.33	0.61	0.46	0.08	0.03	0.03
13	0.04	0.21	0.23	0.15e	0.52	0.30	0.29	0.50	0.35	0.09	0.03	0.03
14	0.05	0.23	0.22	0.12e	0.34	0.28	0.26	0.39	0.27	0.09	0.02	0.04
15	0.10	0.21	0.25	0.04e	0.35	0.29	0.24	0.39	0.22	0.08	0.02	0.04
16	0.11	0.19	0.24	0.02	0.35	0.22	0.27	0.40	0.21	0.07	0.01	0.04
17	0.09	0.21	0.24	0.01	0.42	0.26	0.31	0.36	0.20	0.06	1.5	0.04
18	0.14	0.63	0.24	0.03e	0.49	0.28	0.31	0.31	0.20	0.11	0.03	0.04
19	0.16	0.30	0.25	0.10e	0.60	0.23	0.31	0.32	0.15	0.08	0.02	0.05
20	0.18	0.21	0.25	0.18e	0.59	0.24	0.27	0.29	0.12	0.07	0.02	0.04
21	0.22	0.20	0.24	0.26e	0.57	1.1	0.28	0.25	0.10	0.06	0.02	0.04
22	0.25	0.20	0.20	0.31	0.59	0.75	0.33	0.23	0.10	0.05	0.03	0.04
23	0.22	0.19	0.19	0.39	0.52	0.53	0.32	0.23	0.08	0.04	0.04	0.04
24	0.26	0.18	0.20	0.43	0.53	0.40	0.33	0.24	0.08	0.04	0.05	0.05
25	0.27	0.19	0.34	0.35	0.57	0.38	0.35	0.29	0.11	0.03	0.04	0.04
26	0.30	0.20	0.27	0.29	0.63	0.30	0.39	0.29	0.09	0.04	0.09	0.05
27	0.30	0.21	0.23	0.28	0.63	0.28	0.41	0.31	0.07	0.04	0.06	0.05
28	0.25	0.25	0.21	0.32	0.62	0.35	0.45	0.29	0.07	0.04	0.05	0.05
29	0.20	0.24	0.21	0.31	---	0.46	0.39	0.28	0.07	0.04	0.05	0.05
30	0.27	0.22	0.24	0.30	---	0.97	0.33	0.31	0.07	0.03	0.05	0.06
31	0.32	---	0.17	0.32	---	1.6	---	0.48	---	0.02	0.05	---
TOTAL	4.42	6.61	7.13	6.48	12.03	15.67	12.68	10.72	8.31	2.17	2.34	2.27
MEAN	0.14	0.22	0.23	0.21	0.43	0.51	0.42	0.34	0.28	0.070	0.075	0.076
MAX	0.32	0.63	0.34	0.43	0.63	1.6	2.2	0.61	1.1	0.11	1.5	0.90
MIN	0.04	0.15	0.17	0.01	0.28	0.22	0.24	0.23	0.07	0.02	0.01	0.03
AC-FT	8.8	13	14	13	24	31	25	21	16	4.3	4.6	4.5
CAL YEAR 2004	TOTAL		84	MEAN	0.23	MAX	0.96	MIN	0.010	AC-FT	166	
WTR YEAR 2005	TOTAL		91	MEAN	0.25	MAX	2.2	MIN	0.010	AC-FT	180	

e indicates estimated discharge.

HARLAN COUNTY RESERVOIR near Republican City, 06849000

LOCATION.--Sec. 11-1-17 W., Harlan County, Lat. 40° 04' 10", Long. 99° 12' 30", at left end of spillway on upstream side of Harlan County Dam on Republican River, 2 miles southeast of Republican City and 8 miles southeast of Alma.

DRAINAGE AREA.--20,750 square miles, approximately 13,530 square miles contributes directly to surface runoff.

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

PERIOD OF RECORD.--November 1952 - present

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

STORAGE (ACFT), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	109000	107800	107800	107000	107700	112700	119000	128700	131900	140900	137600	136700
2	109000	107800	107700	107000	107800	112800	118900	128700	132200	140900	137500	136300
3	108900	107800	107700	107000	107900	113100	119200	128700	133400	140900	137200	136100
4	108700	107600	107700	107300	108000	113100	119800	128700	134100	140900	137100	136000
5	108600	107700	107700	107500	108100	113200	120700	128900	134600	140800	136700	135800
6	108900	107700	107700	107500	108500	113300	122100	129100	135000	140700	136500	136000
7	109000	107600	107600	107500	108900	113600	123600	129300	135700	140400	136400	135900
8	108900	107500	107700	107500	109200	113600	124700	129500	136200	140300	136300	135700
9	108800	107300	107800	107500	109300	113700	124400	129500	136100	140000	136100	135600
10	108900	107700	107700	107500	109300	113700	125000	129500	137400	140400	136100	135300
11	108800	107500	107700	107500	109600	113800	125900	129500	138100	140000	135900	135100
12	108800	107500	107600	107500	109700	113900	126100	130200	138100	140300	135800	134800
13	108800	107500	107500	107500	109900	113900	126300	130100	139000	140200	135900	134800
14	108600	107500	107400	107400	110300	114000	126400	130200	139300	140000	135700	134400
15	108700	107400	107400	107500	110500	114200	126800	130000	139300	140000	135600	134200
16	108700	107300	107400	107500	110600	114200	126800	129900	139500	139800	135400	134100
17	108600	107600	107300	107400	111000	114200	127100	130000	139700	139500	135500	133800
18	108300	107700	107400	107300	111000	114600	127400	131000	140000	139500	137100	133600
19	108300	108100	107300	107300	111200	114400	127600	131000	140000	139400	137100	133600
20	108300	107900	107500	107400	111400	114300	127700	131000	140100	139200	137200	133600
21	108200	108000	107200	107500	111600	115900	129100	131000	140300	139000	137300	133400
22	108600	107900	107200	107400	111800	116500	128000	130900	141200	139000	137100	133100
23	108200	107800	107200	107500	112100	116600	128000	130900	141200	138700	137200	132800
24	108100	107700	107100	107400	112100	117100	128000	131000	141200	138500	137100	132900
25	108000	107900	107100	107400	112300	117300	128300	131000	141300	138100	137100	132800
26	108000	107700	107000	107400	112300	117400	128300	131000	141400	139000	137600	132800
27	108300	107800	107000	107400	112500	117700	128200	131000	141300	138700	137500	132500
28	108300	107800	107000	107500	112600	117900	128400	131000	141100	138500	137300	132200
29	108400	107900	107000	107500	---	118400	128700	131100	141400	138300	137100	132200
30	108200	107900	107100	107600	---	118700	128700	131200	141100	137900	137000	131800
31	108100	---	107100	107700	---	118900	---	131800	---	137700	137000	---
MEAN	108600	107700	107400	107400	110300	115100	125600	130200	138400	139600	136700	134300
MAX	109000	108100	107800	107700	112600	118900	129100	131800	141400	140900	137600	136700
MIN	108000	107300	107000	107000	107700	112700	118900	128700	131900	137700	135400	131800
CAL YEAR 2004	MEAN	112700	MAX	117800	MIN	107000						
WTR YEAR 2005	MEAN	121800	MAX	141400	MIN	107000						

REPUBLICAN RIVER BASIN

NAPONEE CANAL from Republican River, 00105000

LOCATION.--NE1/4NE1/4 Sec. 14-1-17 W. below Harlan County Dam

GAGE.--Sparling Meter

PERIOD OF RECORD.--1955 - present

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

DISCHARGE (CFS), WATER YEAR 2005

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00					
WTR YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00					

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 2005

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

NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	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.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 111 cubic feet per second August 17, gage height 2.69 feet; minimum daily discharge 4.8 cubic feet per second estimated January 6.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.2	6.5	5.4e	7.6	8.1	8.9	9.2	8.7	8.7	7.9	6.3	7.0
2	5.1	6.1	5.7e	7.3e	8.1	9.0	9.2	8.7	33	11	6.2	6.9
3	5.2	6.3	6.2e	6.6e	8.1	9.0	9.2	8.6	27	8.1	6.4	6.6
4	5.2	6.2	6.6	6.6e	8.1	8.9	9.2	8.5	29	8.0	6.1	6.3
5	5.2	6.3	6.6	6.3e	8.2	8.9	9.6	8.5	33	6.9	6.7	6.3
6	5.3	6.0	6.6	4.8e	7.9e	8.8	10	8.7	20	6.6	6.8	6.7
7	5.3	5.6	6.6	6.1e	7.2e	8.7	9.5	9.0e	12	6.8	6.6	6.4
8	5.3	5.8	6.7	6.3e	7.2e	8.7	9.6	9.1e	11	6.9	6.3	6.3
9	5.3	5.9	6.7	7.1e	7.2e	8.7	9.6	9.1e	14	14	5.6	6.0
10	5.4	6.1	6.7	6.7e	7.5e	8.8	10	8.8	33	7.5	5.5	5.9
11	5.3	6.3	6.6	6.9e	7.5e	8.8	11	8.6	35	7.0	5.8	5.9
12	5.3	6.1	6.7	6.9e	8.0e	8.8	10	9.0	16	7.4	6.5	5.8
13	5.3	6.2	5.8e	6.9e	8.5e	8.7	9.8	8.5	13	7.1	6.8	5.6
14	5.6	6.2	5.8e	6.0e	9.1e	8.7	9.7	8.3	12	7.7	6.3	5.6
15	5.8	6.2	6.1e	5.9e	9.3e	8.7	9.5	8.0	11	8.0	6.2	5.7
16	5.7	6.3	6.8	5.5e	9.3e	8.7	9.3	8.0	12	6.8	6.1	5.7
17	5.4	6.3	6.8	6.2e	9.1	8.7	9.1	8.2	11	5.8	43	5.9
18	5.4	7.6	6.8	6.4e	8.8	8.7	9.3	14	11	6.2	80	6.0e
19	5.4	6.8	5.9e	7.1e	8.6	8.6	9.2	8.8	10	5.3	20	6.0e
20	5.4	6.6	7.0e	8.0e	8.5	8.8	9.0	8.2	10	5.0	11	5.9e
21	5.4	6.5	6.0e	8.1e	8.4	13	8.8	7.4	10	5.3	9.7	5.6
22	5.5	6.5	5.2e	7.0e	8.4	12	8.5	7.0	10	5.7	16	5.3
23	5.6	6.6	5.4e	6.1e	8.6	10	8.6	6.8	9.5	5.4	11	5.4
24	5.5	6.7	5.2e	7.2e	8.6	9.9	8.6	7.1	9.2	5.4	11	5.4
25	5.6	6.6	6.1e	8.0e	8.7	9.6	8.7	7.2	8.8	5.6	9.6	5.2
26	5.7	6.7	7.2e	7.7e	8.7	9.6	8.7	7.1	8.6	6.8	9.8	5.1
27	5.9	6.9	7.6e	7.2e	8.8	9.5	8.7	7.4	8.5	5.9	8.6	4.9
28	6.5	6.9	7.5e	7.5e	8.8	9.4	8.8	7.7	8.4	5.8	8.1	4.9
29	6.5	7.0e	7.3e	8.0e	---	9.3	8.8	7.8	7.9	5.2	7.6	5.0
30	6.5	6.3e	7.2e	8.1	---	9.8	8.7	7.8	8.0	5.2	7.4	5.2
31	6.7	---	7.7e	8.1	---	9.3	---	9.4	---	5.7	7.1	---
TOTAL	172.5	192.1	200.5	214.2	233.3	287	277.9	260	450.6	212	360.1	174.5
MEAN	5.6	6.4	6.5	6.9	8.3	9.2	9.3	8.4	15.0	6.8	11.6	5.8
MAX	6.7	7.6	7.7	8.1	9.3	13	11	14	35	14	80	7.0
MIN	5.1	5.6	5.2	4.8	7.2	8.6	8.5	6.8	7.9	5.0	5.5	4.9
AC-FT	342	381	398	425	463	569	551	516	894	420	714	346
CAL YEAR 2004	TOTAL		565	MEAN	6.1	MAX	7.7	MIN	5.1	AC-FT	1121	
WTR YEAR 2005	TOTAL		3035	MEAN	8.3	MAX	80.0	MIN	4.8	AC-FT	6019	

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 711 cubic feet per second estimated June 3, at gage height 5.27 feet; minimum daily discharge 1.9 cubic feet per second July 22.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.0	4.3	5.8	7.2e	6.1	7.1	5.2	5.2	5.3e	4.7e	3.1	3.6
2	6.3	4.5	6.0	6.8e	6.5	7.0	5.0	5.1	6.1e	4.8	2.8	3.2
3	6.0	4.8	6.4	6.8e	6.5	6.8	4.8	5.8	157e	5.6	2.6	3.0
4	6.0	4.5	6.7	5.8e	6.0	6.6	4.6	6.1	78e	5.5	3.8	2.9
5	5.9	4.4	7.1	5.9e	6.0	6.4	6.4	5.7	46e	4.8	4.1	3.0
6	8.1	4.4	7.0	5.4e	6.9e	6.3	7.3	5.0	15e	3.6	3.8	3.4
7	6.8	4.4	7.3	4.1e	6.5e	5.9	5.3	4.8	10e	5.3	3.9	3.1
8	5.1	4.6	6.9	4.5e	6.6e	5.8	5.6	5.0e	7.0e	4.9	3.1	3.1
9	4.8	4.6	6.7	3.8e	7.0e	5.7	5.7	4.3e	10e	5.8	2.8	3.0
10	5.0	5.4	6.6	5.3	7.3e	5.7	11	4.6e	41e	4.8	3.2	2.9
11	5.0	5.7	6.6	5.6	7.5e	6.0	9.4	4.4e	34e	3.5	4.3	2.7
12	5.1	5.2	6.1	5.6	7.4e	5.6	6.5	4.1e	19e	3.2	5.0	2.7
13	5.3	5.4	6.1	5.3e	9.1e	5.7	6.2	4.0e	13e	3.9	5.5	2.8
14	5.5	5.2	6.9	5.1e	8.4	5.8	6.3	3.6e	8.9e	4.0	3.8	3.1
15	5.6	5.5	6.9	3.6e	7.2	6.0	6.2	2.6e	6.2e	3.8	3.6	3.4
16	5.7	6.0	6.6	3.8e	6.8	5.6	5.9	2.3e	5.9e	3.6	3.7	3.5
17	5.4	6.2	6.5	4.6e	7.2	5.0	6.0	2.4e	5.8e	3.5	8.3	3.3
18	5.0	7.7	6.4	4.4e	7.2	4.8	6.0	2.8e	6.1e	3.7	24	3.3
19	5.0	6.4	6.7	4.8e	7.2	4.8	5.7	3.4e	5.9e	3.6	3.4	3.6
20	5.1	5.7	6.5	7.0e	6.8	4.9	5.6	2.9e	5.7e	2.8	3.1	3.9
21	4.9	5.3	6.0e	6.6	6.9	11	5.6	3.4e	5.7e	2.4	3.2	3.8
22	5.0	5.2	4.0e	6.6	6.8	7.2	5.3	3.4e	5.5e	2.1	7.9	4.0
23	4.9	5.1	4.6e	9.9	6.7	6.2	6.0	3.3e	5.2e	1.9	5.2	4.1
24	4.7	5.2	4.9e	7.1	6.9	6.0	6.1	3.6e	5.0e	2.3	4.4	3.7
25	4.7	5.1	7.4e	6.7	7.0	6.0	6.1	3.7e	4.7e	2.8	4.3	3.7
26	4.6	5.1	8.4e	6.0	6.9	5.7	5.8	3.5e	4.8e	5.6	4.9	3.9
27	5.0	5.2	8.3e	6.1	6.7	5.5	6.1	3.4e	4.7e	3.2	4.3	3.8
28	4.7	5.3	8.2e	6.2	6.9	5.2	6.3	4.0e	4.9e	3.1	3.6	3.9
29	4.6	5.5	8.1e	6.2	---	4.6	6.2	4.7e	4.9e	3.4	3.4	4.3
30	4.4	5.8	7.9e	6.0	---	6.4	5.9	4.8e	4.7e	3.9	3.4	4.0
31	4.4	---	7.8e	5.8	---	5.4	---	5.0e	---	3.9	3.3	---
TOTAL	165.6	157.7	207.4	178.6	195	186.7	184.1	126.9	536	120	145.8	102.7
MEAN	5.3	5.2	6.7	5.8	7.0	6.0	6.2	4.1	17.9	3.9	4.7	3.4
MAX	8.1	7.7	8.4	9.9	9.1	11	11	6.1	157	5.8	24	4.3
MIN	4.4	4.3	4.0	3.6	6.0	4.6	4.6	2.3	4.7	1.9	2.6	2.7
AC-FT	328	313	411	354	387	370	365	252	1063	238	289	204
CAL YEAR 2004	TOTAL		531	MEAN	5.8	MAX	8.4	MIN	4.0	AC-FT	1053	
WTR YEAR 2005	TOTAL		2307	MEAN	6.3	MAX	157.0	MIN	1.9	AC-FT	4575	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River, 00054000

LOCATION.--NW1/4NE1/4 Sec. 10-1-14 W. near Franklin

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

PERIOD OF RECORD.--1954 - present

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

DISCHARGE (CFS), WATER YEAR 2005

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2005.

CAL YEAR 2004	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2005	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.

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 CURRENT YEAR.--Peak discharge 605 cubic feet per second April 7, gage height 4.40 feet; maximum gage height estimated 6.20 feet June 17 due to backwater; minimum daily discharge zero on August 11.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.0	15	15e	13e	43e	35	49	48	36	30	5.4	16
2	8.4	15	16e	13e	44e	36	46	46	47	34	4.2	15
3	12	15	17e	12e	41	36	42	46	71e	30	3.0	14
4	6.7	15	19e	11e	37e	35	41	47	379e	30	2.5	13
5	6.7	16	20e	11e	30e	34	40	46	242e	26	2.8	12
6	11	16	22e	12e	28e	34	92	45	55e	23	1.8	17
7	19	16	23e	14e	27e	33e	382	44	55e	20	1.7	15
8	15	16	24	15e	25e	33e	124	42	40e	19	1.6	13
9	12	17	24	16e	27e	32e	83	40	31e	48	0.67	11
10	11	18	24	19e	28e	31e	74	36	38e	26	0.05	10
11	12	21	23	19e	33e	31e	105	35	50e	27	0.00	9.0
12	11	20	24	20e	43	31	120	55	50e	21	0.44	9.3
13	11	19	22e	20e	45	31	84	50	53e	17	7.3	9.3
14	11	19	19e	20e	45	30	73	46	53e	15	6.8	8.8
15	12	19	19e	21e	41	30	65	42	53e	14	5.1	8.7
16	13	19	19e	23e	37	31	62	40	74e	12	4.2	8.5
17	13	19	18e	24e	34	31	59	33	296e	11	14	8.1
18	13	25	19e	26e	33	31	57	31	384e	10	49	8.3
19	12	27	17e	33e	33	31	55	39	131e	10	99	8.3
20	12	24	18e	39e	34	31	53	37	78e	8.6	83	7.8
21	13	22	18e	42e	33	53	50	27	59e	7.0	67	7.6
22	14	22	15e	39e	33	98	48	22	98e	6.0	75	7.1
23	13	21	15e	39e	34	82	46	19	56e	4.9	82	7.6
24	13	20	14e	40e	33	64	44	16	52e	3.7	41	7.8
25	13	21	15e	45e	33	57	46	19	45e	3.3	30	7.0
26	13	21	14e	44e	34	52	47	18	36e	15	28	7.6
27	15	22	14e	42e	35	49	47	16	30	17	25	7.5
28	16	22e	14e	42e	35	46	53	17	35	12	22	7.2
29	14	18e	14e	41e	---	43	54	24	35	8.5	20	7.5
30	13	16e	14e	41e	---	50	51	23	31	6.7	18	8.3
31	14	---	14e	41e	---	55	---	27	---	5.9	17	---
TOTAL	380.8	576	563	837	978	1296	2192	1076	2693	521.6	717.56	297.3
MEAN	12.2	19.1	18.2	27.1	35.0	41.9	73.1	34.7	89.8	16.9	23.1	9.9
MAX	19	27	24	45	45	98	382	55	384	48	99	17
MIN	6.7	15	14	11	25	30	40	16	30	3.3	0.00	7.0
AC-FT	755	1142	1117	1660	1940	2571	4348	2134	5341	1035	1423	590
CAL YEAR 2004	TOTAL		1520	MEAN	16.5	MAX	27.0	MIN	6.7	AC-FT	3014	
WTR YEAR 2005	TOTAL		12128	MEAN	33.2	MAX	384.0	MIN	0.000	AC-FT	24060	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

THOMPSON CREEK at Riverton, 06851500

LOCATION.--NW1/4NW1/4 Sec. 2-1-13 W., Franklin County, Lat. 40°05'21", Long. 98°45'38", on left bank 15 feet downstream from bridge on U. S. Highway 136, at west edge of Riverton, 240 feet upstream from Burlington Northern Railroad bridge, and 0.5 miles upstream from the mouth.

DRAINAGE AREA.--290 square miles; approximately 197 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,753.38 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - 1956, Annual peaks 1962 - 1968, occasional low flow measurements 1961 -1968, 1968 - 1975, 1977 - present

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 12,200 cubic feet per second July 9, 1950 at gage height 13.22 feet; minimum daily discharge 6.5 cubic feet per second June 11, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,930 cubic feet per second June 17, gage height 10.21 feet; minimum daily discharge 5.7 cubic feet per second August 21.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17	13e	17e	18	18	16	19	17	16	20	14	11
2	13	13e	16e	18	18	17	19	17	36	20	13	12
3	13	13e	16e	18	18	18	19	17	41	18	11	12
4	12	13e	16e	17e	17	17	18	17	135	18	11	13
5	13	13e	16	16e	18e	18	19	17	102	18	11	13
6	17	13	16	15e	17e	18	22	17	33	17	10	15
7	19	13	17	15e	16e	18	19	17	18	16	9.1	15
8	17	13	17	15e	14e	18e	17	17	16	16	8.7	14
9	15	14e	18	15e	14e	18e	18	17	20	178	7.6	13
10	14	16e	18	16e	12e	18e	20	17	152	18	7.6	13
11	14	15e	17	17	13e	18	22	17	178	15e	7.9	14
12	14	14e	18	16	14e	19	20	29	61	15e	10	15
13	14	13e	17	17e	15e	19	19	20	24	15e	12	15
14	14	15	15	14e	16e	17	18	19	19	15e	7.9	14
15	14	16	16	12e	16e	17	17	17	19	15e	7.8	13
16	14	17	17	12e	16e	18	18	17	21	16e	7.4	13
17	14	18	17	13e	17	18	18	17	810	16e	40	12
18	14	18e	17	15e	17	19	18	18	141	16e	86	13
19	14	18e	17	16	18	17	18	16	65	16e	9.1	13
20	14	18	17	17e	18	17	18	16	26	15e	6.0	12
21	15	18	17e	17e	18	28	17	15	78	13e	5.7	12
22	15	19	13e	16e	18	28	15	15	31	17e	106	12
23	15	18	10e	15e	18	21	15	15	21	19	40	13
24	14	17	10e	15e	18	21	14	15	20	18	31	14
25	14	17	11e	16e	18	20	15	17	20	18	12	14
26	14	17	11e	16e	18	19	16	15	20	77	11	14
27	15	18	12e	18e	18	19	16	12	21	22	11	13
28	15	17e	13e	18	17	19	17	14	22	14	11	13
29	14	17e	14e	18	---	20	17	14	21	13	10	13
30	13	17e	15e	18	---	25	17	14	21	13	10	13
31	13e	---	16e	18	---	21	---	19	---	13	11	---
TOTAL	447	471	477	497	465	596	535	521	2208	730	555.8	396
MEAN	14.4	15.8	15.4	16.0	16.8	19.2	17.9	16.8	73.7	23.6	18.0	13.2
MAX	19	19	18	18	18	28	22	29	810	178	106	15
MIN	12	13	10	12	12	16	14	12	16	13	5.7	11
AC-FT	887	934	946	986	922	1182	1061	1033	4380	1448	1102	785
CAL YEAR 2004	TOTAL		6706	MEAN	18.3	MAX	502.0	MIN	9.4	AC-FT	13300	
WTR YEAR 2005	TOTAL		7899	MEAN	21.6	MAX	810.0	MIN	5.7	AC-FT	15670	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

ELM CREEK at Amboy, 06852000

LOCATION.--NEL/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 89 cubic feet per second July 26, gage height 9.36 feet; minimum daily discharge 7.6 cubic feet per second July 24.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.3	10	12	13	15e	13	13	14e	9.6	10	8.8	9.0
2	9.3	10	12	13e	15e	13	13	14e	11	11	8.7	8.8
3	9.3	10	12	13e	15e	13	13	14e	14	11	7.9	8.6
4	9.4	10	12	13e	15e	13	13	14e	12	11	8.4	8.4
5	9.7	10	12	13e	14e	13	13	14e	11	11	9.1	9.2
6	11	11	12	12e	15e	13	14	14e	10	11	9.1	10
7	13	11	12	12e	15e	13	13	14e	10	9.7	8.7	9.7
8	13	11	12	13e	14e	13	14	14e	10	9.8	8.3	9.4
9	14	11	12	13e	14e	13	14	14e	11	9.5	8.2	9.1
10	12	11	12	13e	14	13	14	14e	14	9.6	8.2	8.9
11	11	11	12	13e	14	13	16	14e	13	10	8.1	8.9
12	11	11	12	13e	15	13	16	35	12	9.6	8.7	8.7
13	11	11	12	13e	17	13	15	45	12	9.8	11	8.6
14	11	12	12	13e	20	13	14	20	12	9.7	9.6	8.8
15	11	12	12	13e	22	13	14	15	12	9.5	9.2	8.6
16	11	12	12	13e	17	13	14	14	12	9.7	9.0	8.7
17	11	12	12	13e	15	13	14	13	12	9.0	10	8.6
18	11	13	13	13e	14	13	14	13	12	9.2	9.6	8.5
19	11	13	13e	13e	14	13	14	12	12	9.0	9.7	8.6
20	10	13	13e	14	14	13	14	12	12	8.5	10.0	8.5
21	10	12	13e	14	13	19	14	12	13	8.5	9.4	8.8
22	10	12	12e	14	13	19	14e	12	12	8.7	10.0	8.7
23	10	12	12e	14	13	15	14e	11	14	7.8	10	8.9
24	9.8	12	12e	14	13	14	14e	11	12	7.6	10.0	9.1
25	9.8	12	12e	14	13	14	14e	11	11	7.7	9.6	9.3
26	10.0	12	12e	15e	13	13	14e	11	11	33	10	9.5
27	10	12	13e	15e	13	13	14e	10	10	11	9.6	9.4
28	10	12	13e	15e	13	13	14e	10	11	9.6	9.3	9.5
29	10	12	13e	15e	---	13	14e	10	10	9.1	9.3	9.6
30	10	12	13e	15e	---	13	14e	10.0	9.9	8.8	9.2	9.6
31	10	---	13e	15e	---	13	---	9.9	---	8.6	9.1	---
TOTAL	328.6	345	381	419	412	419	419	450.9	347.5	318	285.8	270
MEAN	10.7	11.6	12.4	13.4	14.6	13.5	13.9	14.5	11.6	10.3	9.3	9.0
MAX	14	13	13	15	22	19	16	45	14	33	11	10
MIN	9.3	10	12	12	13	13	13	9.9	9.6	7.6	7.9	8.4
AC-FT	652	684	756	831	817	831	831	894	689	631	567	536
CAL YEAR 2004	TOTAL		5359	MEAN	14.6	MAX	462.0	MIN	7.2	AC-FT	10630	
WTR YEAR 2005	TOTAL		4396	MEAN	12.0	MAX	45.0	MIN	7.6	AC-FT	8719	

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 2005												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21	45	---	70	90	86	111	102	81	23	0.00	41
2	22	44	---	69	95	87	108	99	98	26	0.00	40
3	22	45	---	57	97	86	106	97	123	25	0.00	38
4	22	46	---	45	105	86	104	98	208	0.00	0.00	40
5	22	47	---	42	109	86	107	100	239	0.00	0.00	43
6	36	49	---	47	79	84	115	101	145	0.00	0.00	43
7	60	49	---	51	78	82	213	100	102	0.00	0.00	41
8	57	49	---	52	76	82	206	95	83	0.00	0.00	38
9	51	46	---	48	77	83	152	94	87	23	0.00	35
10	46	46	---	45	79	80	140	90	120	85	0.00	33
11	44	46	---	48	99	80	148	105	151	31	0.00	32
12	43	46	---	53	113	80	167	167	148	0.00	0.00	31
13	41	46	---	54	111	78	153	138	123	0.00	0.00	30
14	41	43	---	52	119	79	135	102	100	0.00	0.00	30
15	43	55	---	50	109	80	129	92	74	0.00	0.00	30
16	44	58	---	50	99	81	123	87	60	0.00	18	29
17	46	60	---	50	92	80	120	84	165	0.00	24	30
18	46	71	---	50	91	78	120	80	317	0.00	53	30
19	46	67	---	55	91	78	117	77	199	0.00	97	30
20	44	65	---	59	88	95	114	78	120	0.00	100	30
21	44	65	---	60	86	135	109	73	118	0.00	95	28
22	44	61	---	59	84	142	106	70	128	0.00	107	27
23	44	59	---	63	82	140	104	69	56	0.00	240	28
24	44	59	---	64	82	126	106	68	54	0.00	149	29
25	43	61	---	72	82	116	105	69	41	43	97	29
26	45	61	---	78	83	112	104	67	34	122	76	29
27	47	61	---	82	84	114	106	66	27	109	66	28
28	48	61	---	83	82	111	107	71	39	60	61	27
29	44	56	---	81	---	109	106	72	37	39	55	28
30	44	49	---	83	---	112	105	74	29	28	56	30
31	45	---	---	88	---	114	---	79	---	0.00	50	---
TOTAL	1289	1616	0	1860	2562	2982	3746	2764	3306	614	1344	977
MEAN	41.6	53.9	---	59.9	91.6	96.1	124.9	89.1	110.2	19.9	43.3	32.6
MAX	60	71	---	88	119	142	213	167	317	122	240	43
MIN	21	43	---	42	76	78	104	66	27	0.00	0.00	27
AC-FT	2557	3205	0.00	3689	5082	5915	7430	5482	6557	1218	2666	1938
CAL YEAR 2004	TOTAL		13980	MEAN	41.7	MAX	114.0	MIN	0.000	AC-FT	27730	
WTR YEAR 2005	TOTAL		23060	MEAN	69.0	MAX	317.0	MIN	0.000	AC-FT	45740	

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 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	45	23	---
2	---	---	---	---	---	---	---	---	0.00	47	21	---
3	---	---	---	---	---	---	---	---	0.00	44	15	---
4	---	---	---	---	---	---	---	---	0.00	46	15	---
5	---	---	---	---	---	---	---	---	0.00	45	17	---
6	---	---	---	---	---	---	---	---	30	44	16	---
7	---	---	---	---	---	---	---	---	54	41	15	---
8	---	---	---	---	---	---	---	---	44	42	13	---
9	---	---	---	---	---	---	---	---	42	35	10	---
10	---	---	---	---	---	---	---	---	31	46	8.7	---
11	---	---	---	---	---	---	---	---	25	38	8.9	---
12	---	---	---	---	---	---	---	---	42	45	10	---
13	---	---	---	---	---	---	---	---	39	39	21	---
14	---	---	---	---	---	---	---	---	32	39	27	---
15	---	---	---	---	---	---	---	---	32	33	17	---
16	---	---	---	---	---	---	---	---	40	28	15	---
17	---	---	---	---	---	---	---	---	44	25	15	---
18	---	---	---	---	---	---	---	---	50	27	13	---
19	---	---	---	---	---	---	---	---	50	23	6.4	---
20	---	---	---	---	---	---	---	---	54	23	0.00	---
21	---	---	---	---	---	---	---	---	50	19	0.00	---
22	---	---	---	---	---	---	---	---	45	17	0.00	---
23	---	---	---	---	---	---	---	---	45	12	0.00	---
24	---	---	---	---	---	---	---	---	54	10.0	0.00	---
25	---	---	---	---	---	---	---	---	45	11	0.00	---
26	---	---	---	---	---	---	---	---	48	40	0.00	---
27	---	---	---	---	---	---	---	---	53	34	0.00	---
28	---	---	---	---	---	---	---	---	50	29	0.00	---
29	---	---	---	---	---	---	---	---	44	23	0.00	---
30	---	---	---	---	---	---	---	---	46	19	0.00	---
31	---	---	---	---	---	---	---	---	---	29	0.00	---
TOTAL	0	0	0	0	0	0	0	0	1089	998	287	0
MEAN	---	---	---	---	---	---	---	---	36.3	32.2	9.3	---
MAX	---	---	---	---	---	---	---	---	54	47	27	---
MIN	---	---	---	---	---	---	---	---	0.00	10.0	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2160	1980	569	0.00
CAL YEAR 2004	MAX	53.0	MIN	0.000	AC-FT	5805						
WTR YEAR 2005	MAX	54.0	MIN	0.000	AC-FT	4709						

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 and records below 2 cubic feet per second are fair.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,050 cubic feet per second May 12, gage height 5.97 feet;
minimum daily discharge zero many days during the year.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.06e	0.02	0.59e	0.00	0.00	0.01	0.21	0.00	1.1	7.2
2	0.00	0.00	0.12	0.02	0.90e	0.00	0.00	0.01	0.20	0.00	0.98	1.8
3	0.00	0.00	0.11	0.00	1.7e	0.00	0.00	0.60	1.8	0.00	1.3	0.42
4	0.00	0.00	0.13e	0.00	2.1e	0.00	0.00	0.93	2.0	0.00	0.83	0.10
5	0.00	0.00	0.11e	0.02	2.3e	0.07e	0.00	0.17	0.76	0.02	1.2	0.06
6	0.00	0.00	0.10e	0.01	1.1e	0.11e	0.00	0.00	4.4	0.05	1.3	0.04
7	0.00	0.00	0.14e	0.00	0.51e	0.06e	0.00	0.00	1.7	0.01	2.3	0.01
8	0.00	0.00	0.16	0.00	0.24e	0.04e	0.00	0.00	0.63	0.17	2.4	1.6
9	0.00	0.00	0.12	0.00	0.14e	0.10e	0.10	0.00	0.23	1.1	1.4	22
10	0.00	0.00	0.02	0.00	0.06	0.12e	0.60	0.01	1.9	0.91	0.63	19
11	0.00	0.00	0.00	0.00	0.01	0.10	0.80	0.37	3.5	1.6	0.88	8.5
12	0.00	0.00	0.00	0.00	0.08e	0.10	1.1	587	1.5	1.3	2.9	3.4
13	0.00	0.00	0.00	0.00	1.7e	0.18e	5.2	308	1.3	1.1	3.4	1.6
14	0.00	0.00	0.00	0.00	5.4e	0.15e	8.9	182	0.91	0.88	9.6	0.69
15	0.00	0.00	0.00	0.00	10.0e	0.14e	4.6	108	0.63	0.73	6.2	0.31
16	0.00	0.00	0.00	0.00	3.6e	0.17e	2.6	78	1.3	0.86	3.3	0.11
17	0.00	0.00	0.00	0.00	1.9e	0.18e	1.8	57	1.2	1.7	3.1	0.04
18	0.00	0.06	0.00	0.00	1.3e	0.26e	142	44	0.76	10	3.2	0.03
19	0.00	0.52	0.00	0.00	0.82e	0.26e	448	30	0.49	9.4	6.1	0.09
20	0.00	0.22	0.00	0.00	0.40e	0.25e	56	20	0.29	4.1	2.7	0.04
21	0.00	0.07	0.00	0.00	0.04	0.38e	38	12	0.21	1.7	1.6	0.02
22	0.00	0.04	0.00	0.00	0.00	0.72e	18	6.1	0.10	3.9	3.0	0.00
23	0.00	0.03	0.00	0.00	0.00	0.62e	7.9	3.5	0.05	35	1.1	0.00
24	0.00	0.01	0.00	0.00	0.00	0.40	4.0	2.4	0.02	24	0.35	0.00
25	0.00	0.01	0.00	0.18	0.00	0.10	3.7	1.8	0.02	14	0.22	0.00
26	0.00	0.03e	0.00	0.35e	0.00	0.00	2.4	1.2	0.02	8.9	0.42	0.00
27	0.00	0.06e	0.05	0.29e	0.00	0.00	1.8	0.58	0.02	5.3	1.00	0.00
28	0.00	0.04e	0.15	0.30e	0.00	0.00	1.3	0.36	0.01	3.9	0.64	0.00
29	0.00	0.02e	0.07	0.31e	---	0.00	0.86	0.23	0.00	2.1	9.7	0.00
30	0.00	0.06e	0.07	0.41e	---	0.00	0.75	0.15	0.00	2.2	50	0.00
31	0.00	---	0.03	0.55e	---	0.00	---	0.17	---	1.9	26	---
TOTAL	0	1.17	1.44	2.46	34.89	4.51	750.41	1444.59	26.16	136.83	148.85	67.06
MEAN	0.000	0.039	0.047	0.080	1.2	0.15	25.0	46.6	0.87	4.4	4.8	2.2
MAX	0.00	0.52	0.16	0.55	10.0	0.72	448	587	4.4	35	50	22
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00
AC-FT	0.00	2.3	2.9	4.9	69	8.9	1488	2865	52	271	295	133
CAL YEAR 2004	TOTAL		773	MEAN	2.1	MAX	64.0	MIN	0.000	AC-FT	1532	
WTR YEAR 2005	TOTAL		2618	MEAN	7.2	MAX	587.0	MIN	0.000	AC-FT	5193	

e indicates estimated discharge.

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 good 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 5,270 cubic feet per second May 12, gage height 19.91 feet; minimum daily discharge 4.7 cubic feet per second July 8.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.4	7.6	7.8e	9.9e	12e	11	9.7	17	22	12	6.5	6.5
2	6.4	8.0	8.1e	9.7e	12e	10	9.6	17	21	10	7.1	9.6
3	6.5	7.8	8.0e	9.2e	13e	10	9.7	16e	22	9.4	7.0	8.9
4	6.5	7.6	8.4e	8.9e	12e	10	9.6	15e	22	8.7	6.8	7.9
5	6.5	7.5	8.3e	8.4e	12e	10.0	9.5	14	22	8.0	7.3	7.4
6	6.5	7.6	8.3e	7.4e	12e	9.9	9.6	13	22	7.2	7.6	7.0
7	6.6	7.7	8.5e	7.0e	11e	10.0	9.4	13	35	5.4	6.9	6.3
8	6.8	7.7	9.0	7.1e	10e	9.9	9.3	13	30	4.7	6.6	5.8
9	6.5	7.8	8.8	7.1e	8.4e	10	9.5	13	24	4.9	6.4	5.4
10	6.5	7.9	8.5	7.0e	7.8e	9.9	9.4	13	25	6.3	6.9	36
11	6.7	8.6	8.3	7.4e	7.6e	9.8	11	13	25	6.7	8.9	56
12	6.5	8.2	8.3e	7.2e	8.5e	9.9	10	2000	31	6.5	7.6	26
13	6.5	7.9	7.7e	6.9e	8.9e	10	12	3480	42	5.4	6.9	15
14	6.4	8.0	7.5e	6.5e	9.0e	11	10	2010	34	6.0	7.5	11
15	6.6	8.0	7.6e	6.4e	9.6e	11	11	554	45	6.3	8.3	8.5
16	6.5	8.0	7.9e	6.3e	9.8e	11	12	153	41	6.2	7.3	7.6
17	6.5	8.0	7.9e	7.4e	10e	11	11	189	31	6.8	7.6	7.0
18	6.7	8.0	7.7e	7.8e	9.9e	11	10.0	256	27	8.7	7.5	6.5
19	6.7	8.6	7.5e	8.3e	9.5e	11	625	159	23	9.7	6.9	6.1
20	6.7	8.5	7.2e	9.3e	9.6e	11	727	66	21	8.2	8.4	5.5
21	6.8	8.1	6.7e	10e	9.6e	11	106	49	20	14	7.4	5.5
22	6.7	8.1	6.8e	9.7e	10e	12	45	40	18	19	7.0	6.3e
23	6.9	7.9e	6.5e	9.9e	9.7e	12	30	35	17	13	7.2	6.7e
24	6.9	7.4e	6.5e	10e	9.9e	12e	24	30	15	10	6.5	5.4
25	6.8	7.9	7.4e	11e	9.7e	11e	21	28	14	9.6	5.7	5.2
26	7.0	8.2e	7.5e	11e	10e	11e	19	26	13	13	10	5.3
27	7.1	8.0e	7.5e	12e	10e	11e	18	24	13	9.0	6.9	5.1
28	7.1	7.9e	7.6e	12e	10e	11e	18	22	16	6.3	6.1	5.1
29	7.4	7.9e	8.0e	12e	---	10e	17	22	16	6.4	6.2	5.3
30	7.2	7.6e	8.8e	12e	---	10e	17	22	14	5.8	6.0	5.3
31	7.3	---	9.3e	12e	---	10	---	22	---	5.8	5.7	---
TOTAL	208.2	238	243.9	276.8	281.5	328.4	1849.3	9344	721	259	220.7	305.2
MEAN	6.7	7.9	7.9	8.9	10.1	10.6	61.6	301.4	24.1	8.3	7.1	10.1
MAX	7.4	8.6	9.3	12	13	12	727	3480	45	19	10	56
MIN	6.4	7.4	6.5	6.3	7.6	9.8	9.3	13	13	4.7	5.7	5.1
AC-FT	413	472	484	549	558	651	3668	18530	1430	514	438	605
CAL YEAR 2004	TOTAL		5348	MEAN	15.9	MAX	191.0	MIN	3.7	AC-FT	10610	
WTR YEAR 2005	TOTAL		14276	MEAN	39.1	MAX	3480	MIN	4.7	AC-FT	28320	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

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 4,880 cubic feet per second May 14, gage height 19.53 feet; minimum daily discharge 1.7 cubic feet per second July 12.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.7	12	11e	15e	21e	20	17	26	48	18	10.0	7.5
2	9.1	13	12e	14e	22e	21	16	24	46	17	8.0	47
3	9.1	13	13	14e	23e	19	16	22	56	15	7.7	40
4	6.7	12	13	13e	25e	19	15	22	51	13	7.0	24
5	6.4	12	14	14e	26e	19	15	21	71	8.4	7.4	18
6	6.6	12	15	14e	26e	18	16	20	74	6.0	9.9	14
7	6.8	11	14	13e	26e	16	16	19	80	4.9	8.3	9.8
8	7.5	12	14	13e	25e	17	16	20	74	2.7	6.3	8.2
9	6.7	11	14	14e	24e	17	15	20	56	2.8	4.2	6.7
10	6.6	11e	14	14e	23e	17	15	20	54	4.6	4.6	35
11	6.8	12e	14	15e	23e	17	18	23	54	5.3	7.6	89
12	6.8	12e	14	14e	24e	18	20	1140	53	1.7	8.2	48
13	7.0	13	13e	13e	24e	17	23	4130	81	2.4	12	30
14	7.0	12	11e	13e	25e	17	24	4330	80	3.0	17	27
15	7.3	12	12	12e	28e	17	23	1730	85	3.2	14	20
16	7.8	12	14	12e	29e	17	30	414	80	4.7	9.3	16
17	7.7	12	14	13e	29e	17	27	337	65	6.1	8.8	12
18	8.0	12	13e	13e	29e	17	23	352	53	11	9.8	10.0
19	8.3	14	12e	13e	29e	17	693	264	44	15	9.6	8.3
20	8.3	14	13e	14e	28e	17	1170	154	37	11	11	7.0
21	9.4	14	12e	14e	28e	18	503	120	31	26	11	6.3
22	12	14	12e	15e	27e	18	216	99	26	46	7.8	5.8
23	11	13	11e	14e	28	18	129	84	25	33	7.4	6.5
24	9.9	12	11e	13e	27	20	86	72	20	22	7.9	5.7
25	9.9	12	13e	15e	25	21	63	66	18	19	17	6.1
26	10	12	13e	16e	24	20	49	61	17	49	42	6.1
27	10	13e	13e	17e	22	19	40	57	14	47	19	6.1
28	11	12e	14e	17e	22	19	36	50	16	27	12	5.5
29	11	11e	15e	18e	---	19	30	48	23	17	10	5.9
30	11	11e	15e	19e	---	18	28	48	19	12	8.1	6.2
31	11	---	16	20e	---	17	---	47	---	11	6.8	---
TOTAL	265.4	368	409	448	712	561	3388	13840	1451	464.8	329.7	537.7
MEAN	8.5	12.2	13.2	14.4	25.5	18.0	112.9	446.6	48.4	15.0	10.7	18.0
MAX	12	14	16	20	29	21	1170	4330	85	49	42	89
MIN	6.4	11	11	12	21	16	15	19	14	1.7	4.2	5.5
AC-FT	526	730	811	889	1412	1113	6720	27450	2878	922	654	1067
CAL YEAR 2004 TOTAL			11048	MEAN	30.2	MAX	378.0	MIN	3.1	AC-FT	21910	
WTR YEAR 2005 TOTAL			22775	MEAN	62.4	MAX	4330	MIN	1.7	AC-FT	45170	

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 good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 33,000 cubic feet per second June 13, 1984, gage height 21.43 feet; No flow September 20, 21, 24, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,100 cubic feet per second July 28, gage height 10.53 feet; minimum daily discharge 0.32 cubic feet per second September 12.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.61	3.2	2.1e	7.2e	7.1e	5.8e	9.3	16	22	7.9	54	0.80
2	0.57	3.9	2.3e	7.1e	7.8e	7.6	9.4	14	20	9.5	31	0.69
3	0.66	3.7	2.1e	6.9e	8.6e	7.1	8.4	14	25	8.1	20	0.58
4	0.68	3.0	2.2e	6.2e	9.6e	7.7	8.3	14	22	8.2	14	0.47
5	0.51	3.4	2.6e	5.0e	10e	7.4	8.5	14	26	6.0	9.5	0.48
6	0.53	3.1	3.0e	3.8e	8.7e	7.4	9.0	14	23	4.9	8.0	0.48
7	0.58	3.2	3.2e	3.6e	6.6e	6.7	9.3	14	31	4.0	5.3	0.52
8	0.60	3.5	3.6e	3.6e	3.7e	6.6	9.6	14	32	3.7	4.0	0.58
9	0.66	3.5	3.7e	3.1e	3.1e	6.6	9.7	13	27	2.9	2.1	0.76
10	0.74	3.1	3.9e	3.0e	3.2e	6.3	9.9	13	27	3.3	2.6	1.3
11	0.64	3.2	4.0e	2.9e	3.8e	6.1	10	13	33	3.7	4.9	0.57
12	0.53	3.2	4.0e	2.6e	3.9e	6.7	13	20	294	2.7	3.2	0.32
13	0.61	3.2	3.6e	2.5e	4.4e	6.8	13	20	223	2.9	3.1	0.37
14	0.45	3.2	3.4e	2.5e	5.3e	7.3	19	357	116	4.3	2.6	0.41
15	0.56	3.1	3.6	2.5e	5.5e	7.8	25	560	61	4.4	2.8	0.56
16	0.61	2.9	3.9	2.5e	4.5e	7.6	18	212	37	3.6	2.1	0.69
17	0.68	2.9	3.9	2.5e	4.3e	7.3	14	88	28	4.7	1.8	0.75
18	1.1	3.8	4.5e	2.5e	4.9e	7.6	13	49	23	6.4	1.8	0.35
19	1.7	4.2	4.5e	2.6e	4.9e	8.0	14	39	20	6.7	1.8	0.56
20	1.9	3.7	5.1e	2.7e	4.7e	8.2	176	34	18	5.7	1.9	0.93
21	2.0	3.2	4.8e	3.7e	4.8e	8.4	111	31	16	4.5	1.7	1.1
22	1.8	2.9	4.5e	3.8e	4.6e	9.4	229	28	15	6.0	2.7	1.3
23	2.3	3.0	3.5e	4.1e	4.5e	9.7	163	28	14	5.0	2.5	1.1
24	2.6	3.4	3.4e	4.7e	4.2e	12	60	26	60	5.8	1.6	1.1
25	2.4	2.5	3.8e	4.3e	4.7e	12	37	25	33	6.1	1.7	1.2
26	1.8	2.7e	4.4e	4.3e	5.3e	11	28	25	21	58	2.0	1.6
27	1.7	2.4e	4.6e	4.2e	5.1e	10	23	24	13	500	2.4	1.6
28	2.1	2.2e	4.9e	4.7e	5.2e	9.9	20	23	11	1050	1.8	1.3
29	2.0	2.2e	6.0e	4.9e	---	9.2	18	23	10	796	1.7	1.7
30	1.8	2.2e	6.9e	5.3e	---	9.2	17	22	9.6	260	1.0	1.5
31	2.6	---	7.0e	6.3e	---	10.0	---	21	---	101	1.2	---
TOTAL	38.02	93.7	123	125.6	153	253.4	1112.4	1808	1310.6	2896	196.8	25.67
MEAN	1.2	3.1	4.0	4.1	5.5	8.2	37.0	58.3	43.7	93.5	6.4	0.86
MAX	2.6	4.2	7.0	7.2	10	12	229	560	294	1050	54	1.7
MIN	0.45	2.2	2.1	2.5	3.1	5.8	8.3	13	9.6	2.7	1.0	0.32
AC-FT	75	186	244	249	303	503	2206	3586	2600	5744	390	51
CAL YEAR 2004	TOTAL		30687	MEAN	83.8	MAX	2960	MIN	0.45	AC-FT	60870	
WTR YEAR 2005	TOTAL		8136	MEAN	22.3	MAX	1050	MIN	0.32	AC-FT	16140	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Beatrice, 06881500

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

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

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

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

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 9,860 cubic feet per second May 17, gage height 16.84 feet; minimum daily discharge 39 cubic feet per second July 15.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	112	119	143	167e	187e	174e	193	263	383	163	358	194
2	135	139	144	152e	187e	172	190	264	376	220	277	174
3	123	173	136	149e	189e	171	170	262	521	215	206	280
4	115	158	139e	134e	192	168	169	246	459	141	172	363
5	109	135	138e	128e	183e	166	166	241	494	119	150	264
6	107	126	142e	118e	181e	164	166	240	519	112	128	210
7	107	125	144e	118e	177e	160	167	237	618	94	113	188
8	111	121	151	118e	170e	164	176	238	585	85	88	158
9	118	117	146	125e	170e	156	168	241	485	87	81	153
10	118	120	145	130e	178e	156	169	239	866	76	91	139
11	113	126	144	130e	195e	152	200	282	1130	66	88	139
12	109	125	140	131e	202e	153	234	922	637	57	110	161
13	111	128	143e	132e	271e	156	236	1060	1190	49	1120	171
14	106	129	127e	129e	314e	157	246	2810	1170	40	1080	191
15	104	134	123e	122e	339e	159	260	6030	829	39	459	190
16	114	132	130e	117e	344e	157	266	8840	662	46	279	161
17	112	130	134e	118e	350e	153	242	9040	547	41	205	139
18	108	134	137e	136e	353e	157	249	3280	453	64	174	127
19	106	143	127e	153e	342	158	657	2090	382	70	202	115
20	112	140	124e	165e	317	161	849	1630	335	62	185	110
21	110	140	131e	165e	287	168	1090	1180	300	72	166	102
22	103	138	125e	157e	259	194	1940	863	264	73	160	99
23	107	141	123e	157e	236	183	1460	717	234	84	373	93
24	108	141	115e	163e	215	197	969	607	217	59	376	84
25	105	143	117e	175e	197	194	625	534	258	41	290	83
26	107	136	127e	170e	193	192	444	505	264	848	275	83
27	108	142	122e	169e	186e	197	353	471	225	1520	225	87
28	109	145	125e	174e	179e	195	317	438	180	1460	187	90
29	106	147	175e	178e	---	186	288	405	231	1450	274	89
30	110	146	157	182e	---	201	280	386	231	1020	295	86
31	108	---	182	183e	---	197	---	386	---	531	236	---
TOTAL	3431	4073	4256	4545	6593	5318	12939	44947	15045	9004	8423	4523
MEAN	110.7	135.8	137.2	146.5	235.5	171.6	431.4	1450	501.5	290.6	271.9	150.8
MAX	135	173	182	183	353	201	1940	9040	1190	1520	1120	363
MIN	103	117	115	117	170	152	166	237	180	39	81	83
AC-FT	6805	8079	8442	9015	13080	10550	25660	89150	29840	17860	16710	8971
CAL YEAR 2004	TOTAL		175010	MEAN	478.2	MAX	9060	MIN	88.0	AC-FT	347100	
WTR YEAR 2005	TOTAL		123097	MEAN	337.3	MAX	9040	MIN	39.0	AC-FT	244200	

e indicates estimated discharge.

BIG SANDY CREEK at Alexandria, 06883940

LOCATION.--SE1/4SE1/4 Sec. 11-3-1 W., Thayer County, Lat. 40° 14' 06", Long. 97° 23' 20", on right bank downstream from State Highway 53 bridge, 0.8 mile south of Alexandria.

DRAINAGE AREA.--607 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,390.55 feet above mean sea level.

PERIOD OF RECORD.--1979 - present

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,900 cubic feet per second June 13, 1984, gage height 16.71 ft; minimum daily discharge 2.4 cubic feet per second September 11-12, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,710 cubic feet per second July 26, gage height 10.76 feet; minimum daily discharge 8.4 cubic feet per second estimated April 17.

DISCHARGE (CFS), WATER YEAR 2005

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	22	20e	19	17	21	20	23	20	20	50	18
2	19	20	20	19	17	21	20	22	20	29	37	19
3	18	20	20	20	18	21	19	22	24	24	28	16
4	18	20	20	20	18	22	18	22	22	22	28	16
5	18	20	21	20	17	21	22	22	19	22	41	15
6	18	19	21	20	20	21	31	21	21	21	46	15
7	18	20	20	20	20	22	17	20	21	20	40	95
8	17	20	20	20	19	23	16	20	20	22	35	51
9	18	19	20	19	19	22	15	20	21	23	32	22
10	19	20	20	20	19	22	15	20	96	21	25	18
11	18	20	20	20	19	22	17	20	145	20	30	17
12	18	21	19	20	21	22	33	35	68	20	221	16
13	18	21	19	20	21	22	22	66	51	20	480	16
14	19	20	20	20e	19	23	17	46	37	23	254	16
15	19	20	19	20e	19	23	12	55	32	24	91	16
16	19	19	19	20e	19	23	9.3	56	32	26	64	16
17	18	19	20	20e	20	23	8.4	45	29	25	43	16
18	18	20	19	20e	20	23	16	28	26	22	30	15
19	19	20	20	19e	20	23	494	22	23	24	54	14
20	20	19	20	19e	19	24	85	19	23	26	51	15
21	19	19	20	18e	20	27	599	19	23	25	40	14
22	18	19	20e	18e	20	27	122	17	57	29	30	14
23	18	19	20e	18e	20	24	60	19	53	30	56	14
24	19	19	20e	18e	20	25	41	20	29	29	45	14
25	19	19	20e	18e	20	24	34	20	22	25	30	13
26	19	19	20e	18e	21	23	28	20	21	2300	29	13
27	19	20	20e	17	21	22	25	20	20	1190	29	14
28	19	19	20e	17	21	23	24	20	20	480	25	14
29	19	20e	20e	18	---	21	23	20	20	230	23	14
30	19	19e	19	17	---	22	23	20	20	129	21	13
31	20	---	19	17	---	20	---	20	---	77	19	---
TOTAL	575	591	615	589	544	702	1885.7	819	1035	4998	2027	579
MEAN	18.6	19.7	19.8	19.0	19.5	22.7	62.9	26.4	34.5	161.3	65.4	19.2
MAX	20	22	21	20	21	27	599	66	145	2300	480	95
MIN	17	19	19	17	17	20	8.4	17	19	20	19	13
AC-FT	1140	1172	1220	1168	1079	1392	3740	1624	2053	9913	4020	1148
CAL YEAR 2004 TOTAL			28395	MEAN	77.6	MAX	3210	MIN	13.0	AC-FT	56320	
WTR YEAR 2005 TOTAL			14960	MEAN	41.0	MAX	2300	MIN	8.4	AC-FT	29670	

e indicates estimated discharge.