

PEAK FLOWS FOR THE PERIOD OF RECORD
FOR CURRENT AND DISCONTINUED
STREAMFLOW STATIONS IN NEBRASKA

U.S. GEOLOGICAL SURVEY
Open-File Report 96-101



UNITED STATES
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

REAR VIEW
OF CURT
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MAY 1964

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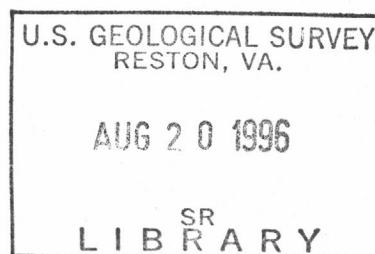
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By Judith A. Boohar and Mary Kay Provaznik

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NEBRASKA DEPARTMENT OF ROADS
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FEDERAL HIGHWAY ADMINISTRATION



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Lincoln, Nebraska

1996



U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

GORDON P. EATON, Director

For additional information write to:

District Chief
U.S. Geological Survey
Room 406 Federal Building
100 Centennial Mall North
Lincoln, Nebraska 68508

Copies of this report can be purchased from:

U.S. Geological Survey
Branch of Information Services
Box 25286
Denver, Colorado 80225-0286

CONTENTS

	Page
Abstract.....	1
Introduction.....	1
List of stations in downstream order	11
Explanation of peak data codes	22
Station records	23
Reference	518

FIGURES

Figure 1-5. Maps showing:

1. Counties and major rivers and creeks in Nebraska	2
2. Hydrologic Unit boundaries in Nebraska.....	3
3. Location of (a) current continuous-record gaging stations through water year 1993, and (b) discontinued continuous-record gaging stations in Nebraska	5
4. Location of current and discontinued crest-stage stations in Nebraska	6
5. Boundary lines of flood regions in Nebraska	7
6. Envelope curves for (a) region 11, (b) region 12, and (c) region 6 with maximum peak discharges for stations within the region.....	8

GLOSSARY OF TECHNICAL TERMS

Crest-stage gage is a device that registers the peak stage of a stream.

Cubic foot per second (ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, total fluids) that passes a given point within a given period of time.

Instantaneous discharge is the discharge at a given time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide, from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Gage height is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of gage height and/or discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Hydrologic Unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination, U.S. Geological Survey, on the State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Metric foot per second (m^3/s) is the rate of discharge representing a volume of 1 cubic meter passing a given point during 1 second and is equivalent to 1,000 liters per second or 60,000 liters per minute or 35.3 cubic feet per second.

Partial-record station is a particular site where limited streamflow data are collected systematically over a period of years for use in hydrologic analyses.

Sea level refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

Water year is the 12-month period from October 1 through September 30. The water year is designated by the calendar year in which it ends.

WATSTORE is the acronym for the National Water Data Storage and Retrieval System, which provides a means for the processing and maintenance of water data collected through the activities of the U. S. Geological Survey.

PEAK FLOWS FOR THE PERIOD OF RECORD FOR CURRENT AND DISCONTINUED STREAMFLOW STATIONS IN NEBRASKA

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ABSTRACT

This report contains a listing of all streamflow-gaging and crest-stage stations, current (through water year 1993) and discontinued, in Nebraska. Each station is briefly described, and is followed by a table of maximum stage and discharge for each year during the period of record. Stations are given in downstream order. Data presented in this report were retrieved from the National Water Data Storage and Retrieval System, located in Reston, Virginia. Several maps are included in the report and show the locations of the stations. The values of maximum discharge for each station were plotted on regional envelope curves, which indicate the maximum limits of the greatest floods known to have occurred since 1977. Data from this report will be used with statistical techniques to estimate magnitude and frequency of floods in Nebraska.

INTRODUCTION

Flood-frequency information is needed for the cost-effective planning and design of highway bridges, culverts, and drainage systems as well as for flood-plain management and flood-warning systems. Such projects require information about the magnitude and frequency of flood peaks. Flood-frequency information can be derived from basic hydrologic data provided by a statewide network of streamflow-gaging stations operated by the U.S. Geological Survey (USGS) and cooperatively funded by Federal, State, and local agencies. Flood-frequency estimates for ungaged sites must be made using data from gaged sites. These data are regionalized over a broad area and related to basin characteristics.

As part of a study to determine the magnitude and frequency of floods in Nebraska, it is necessary to compile all available data on the continuous-record, streamflow-gaging stations and partial-record crest-stage stations, current and discontinued, in Nebraska that will be used in the flood-frequency analysis. This report constitutes the first phase of the flood-frequency study. Counties and major rivers in Nebraska are shown in figure 1; Hydrologic Unit boundaries in Nebraska are shown in figure 2; locations of the current and discontinued stations included in the study are shown in figures 3 and 4, respectively. A short description of each station, including location, drainage area, period of record, type of gage, and other information relevant to the station is presented. Period of record in this report refers to the dates when actual peaks were recorded and published, with the beginning date not necessarily the date when the gage was established (unless specified), and the ending date being the last year a peak had been recorded, through the end of water year 1993. The station description is followed by the table of maximum discharge and stage for each water year during the period of record.

Crippen and Bue (1977) divided the entire country into 17 flood regions for a study concerning maximum floodflows in the conterminous United States. Envelope curves were developed for each of these regions. The curves show the limits of the greatest floods known to have occurred in that region in relation to drainage area. Floods that exceed the curve would probably be very rare. Nebraska is included in parts of three of the 17 regions. The regional boundaries of flood regions in Nebraska are given in figure 5, and the original envelope curves for those flood regions in Nebraska as determined by Crippen and Bue (1977) are given in figure 6. The maximum peak discharges for each Nebraska station within the flood regions through water year 1993 have been plotted on these curves; all discharges are under the curves.

Figure 1.--Counties and major rivers and creeks in Nebraska.

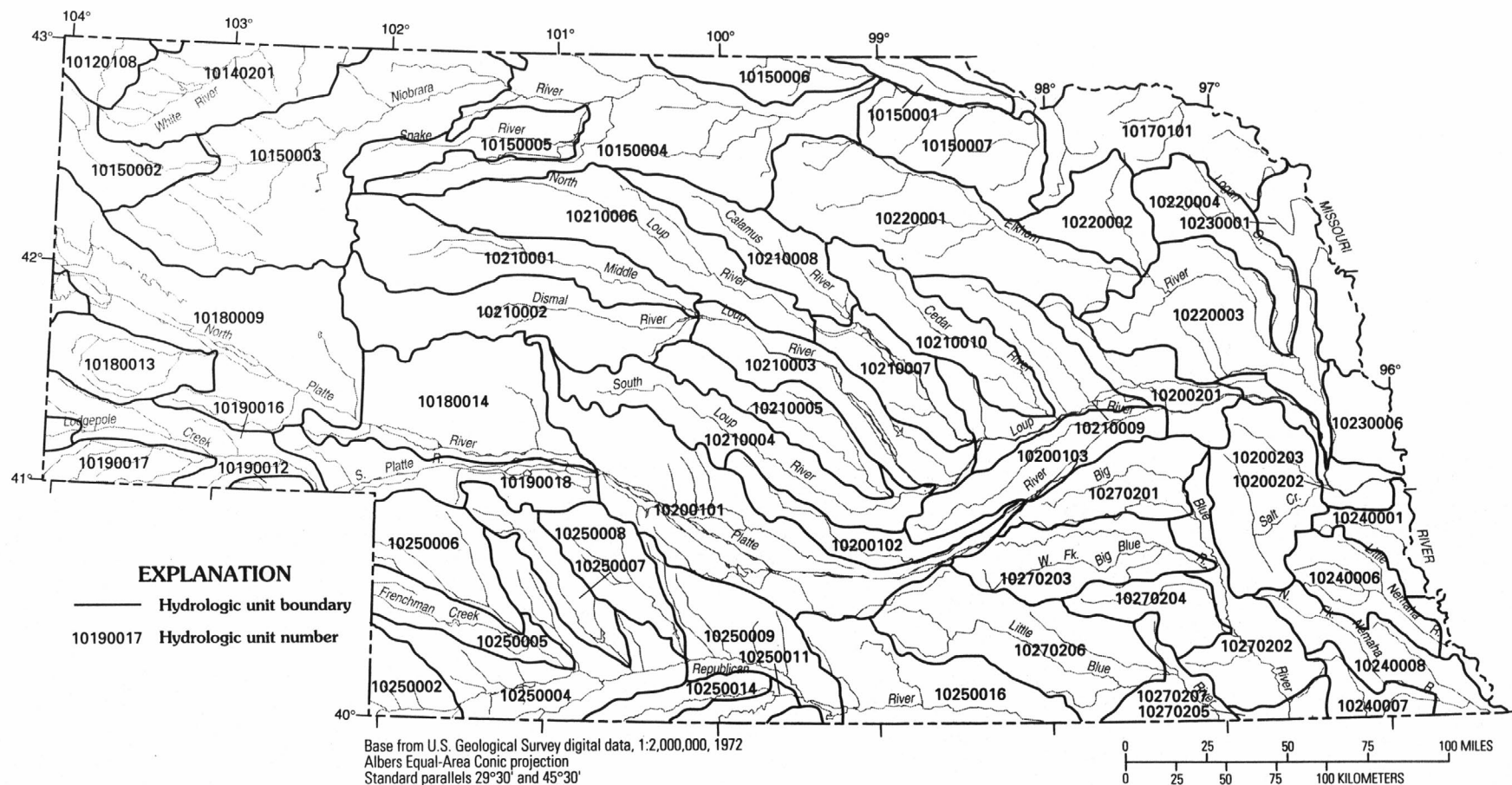


Figure 2.--Hydrologic Unit boundaries in Nebraska.

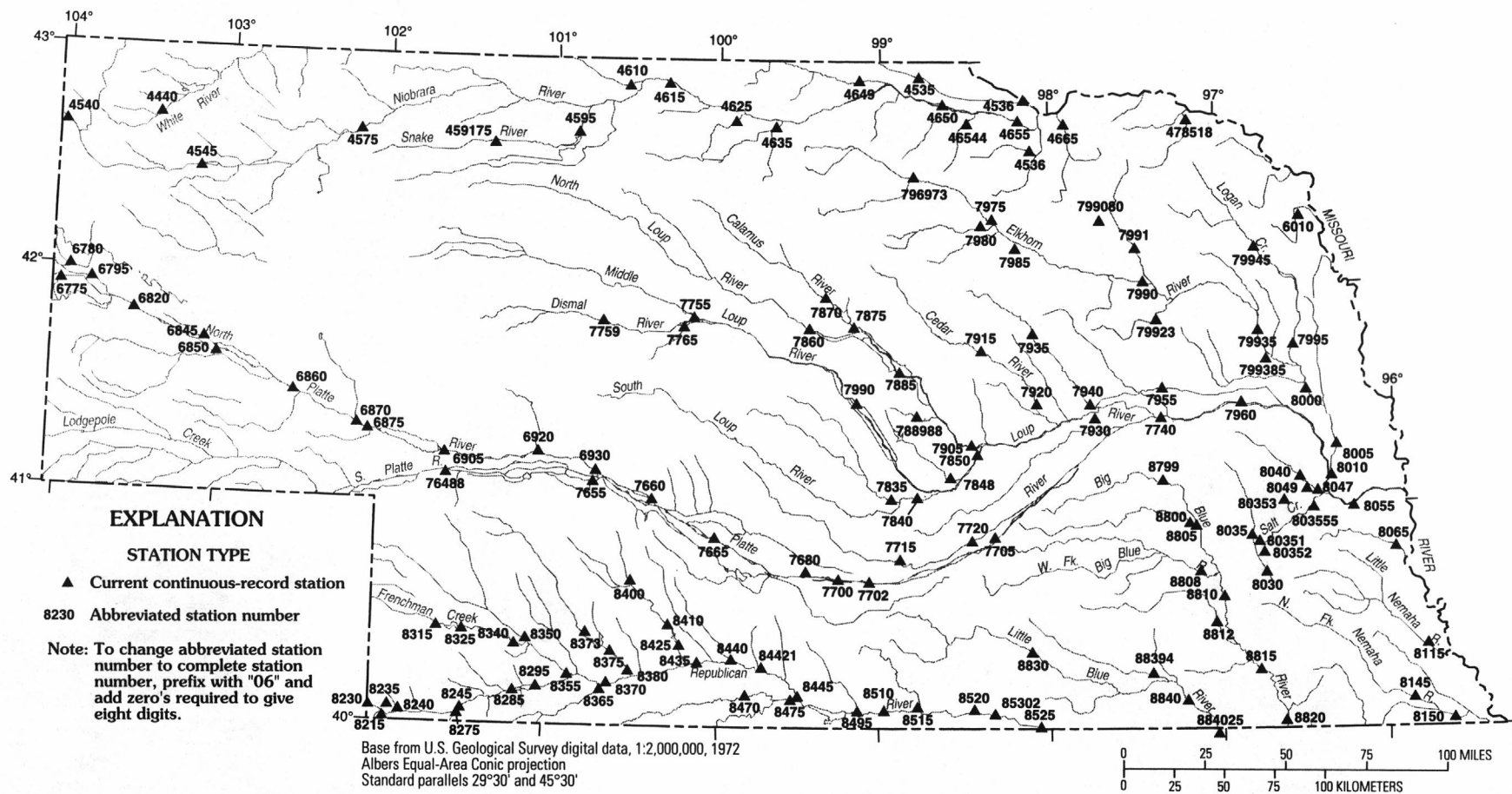


Figure 3.--(a) Location of current continuous-record gaging stations through water year 1993 in Nebraska.

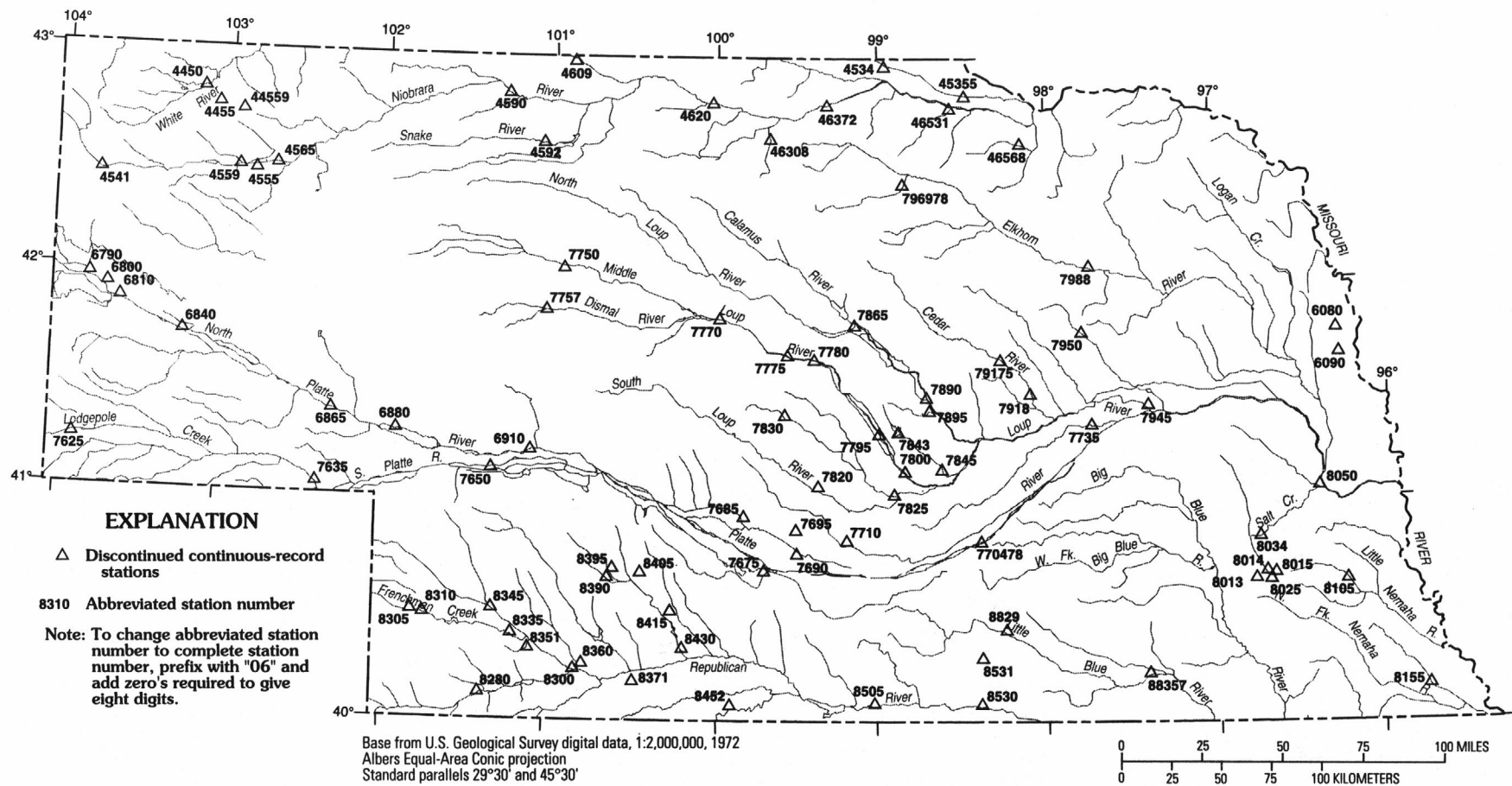


Figure 3.--(b) Location of discontinued continuous-record gaging stations in Nebraska.

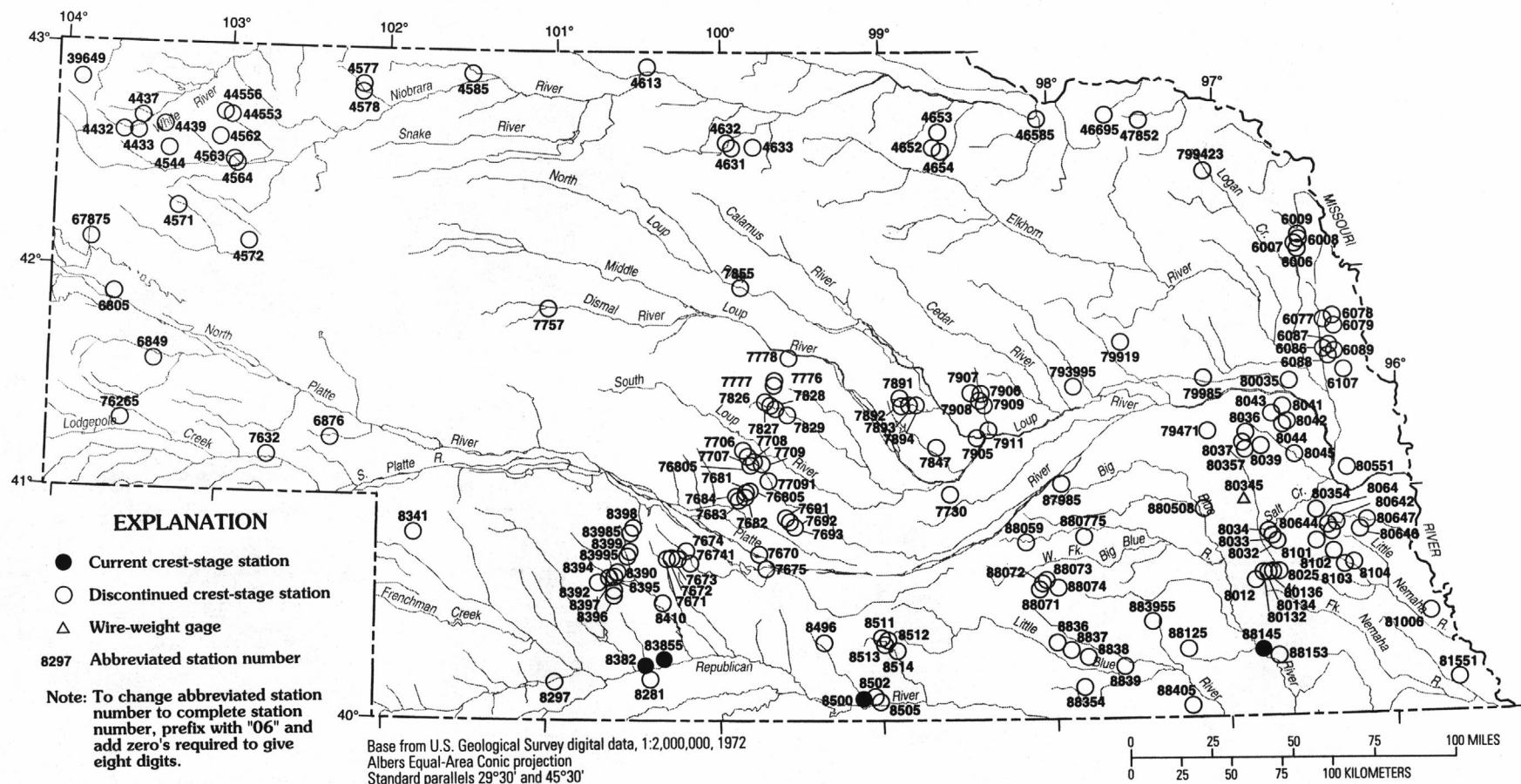


Figure 4.--Location of current and discontinued crest-stage stations in Nebraska.

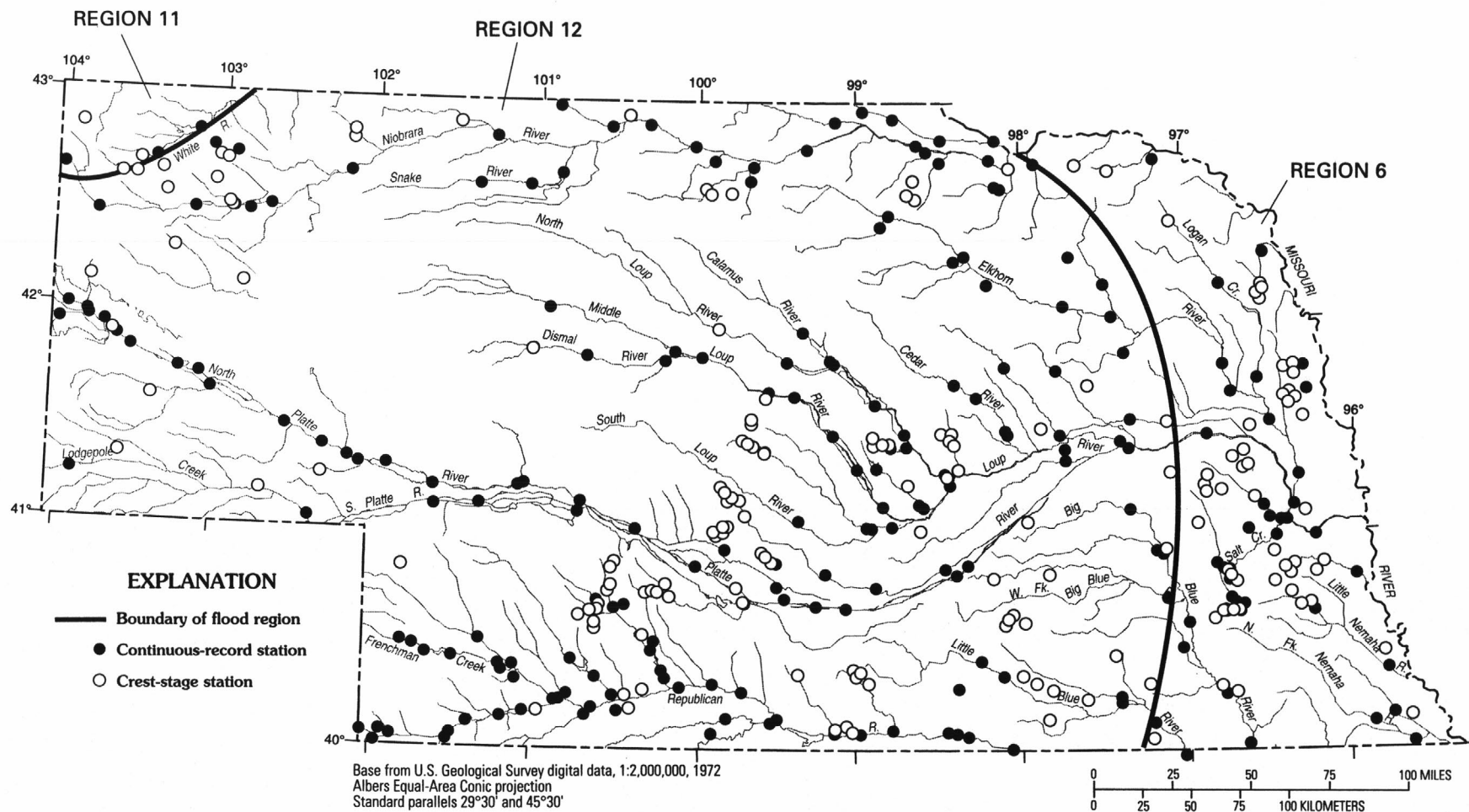


Figure 5.--Boundary lines of flood regions in Nebraska as determined by Crippen and Bue (1977).

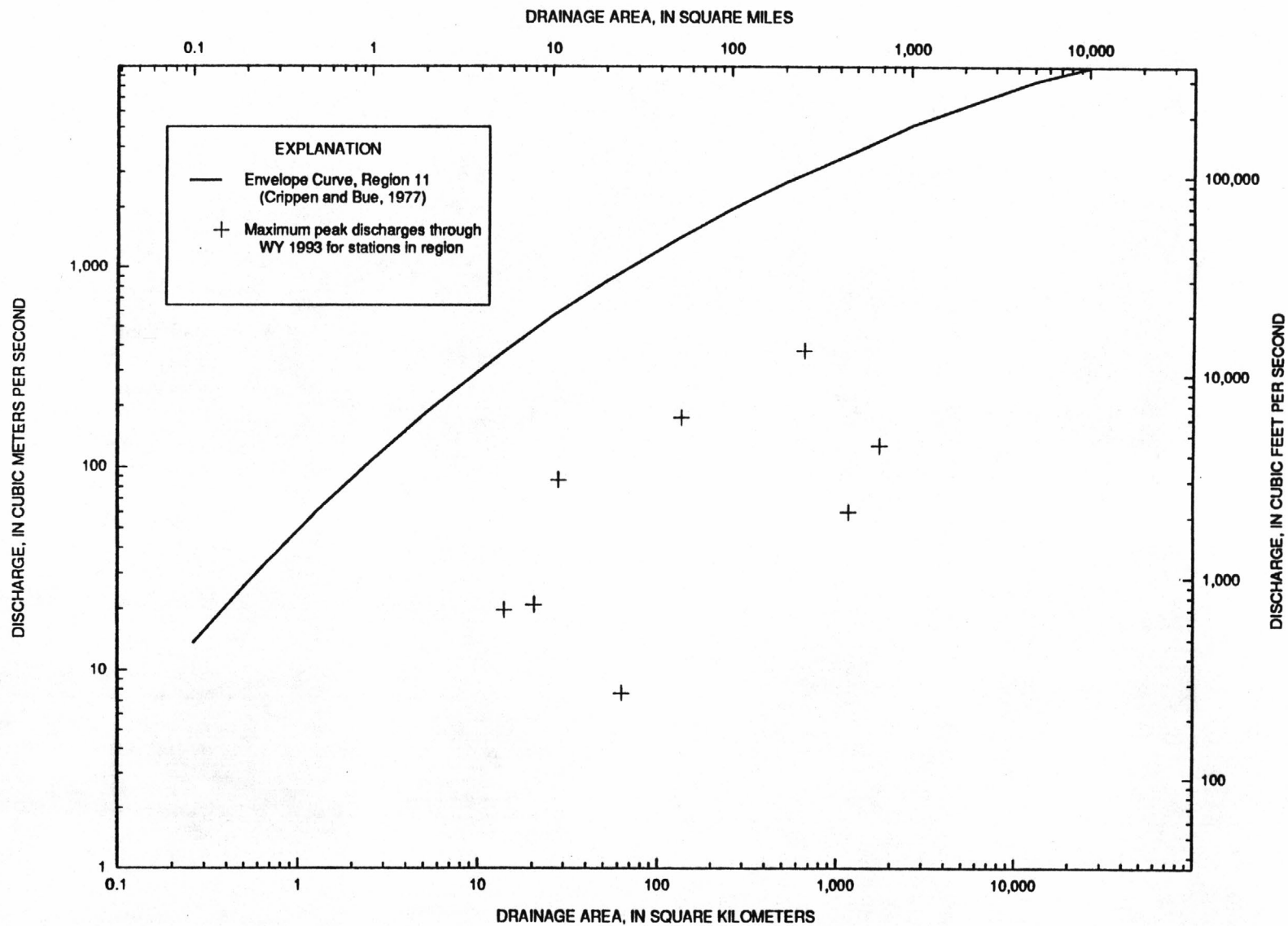


Figure 6 (continued).--(a) region 11 with maximum peak discharges for stations within the region.

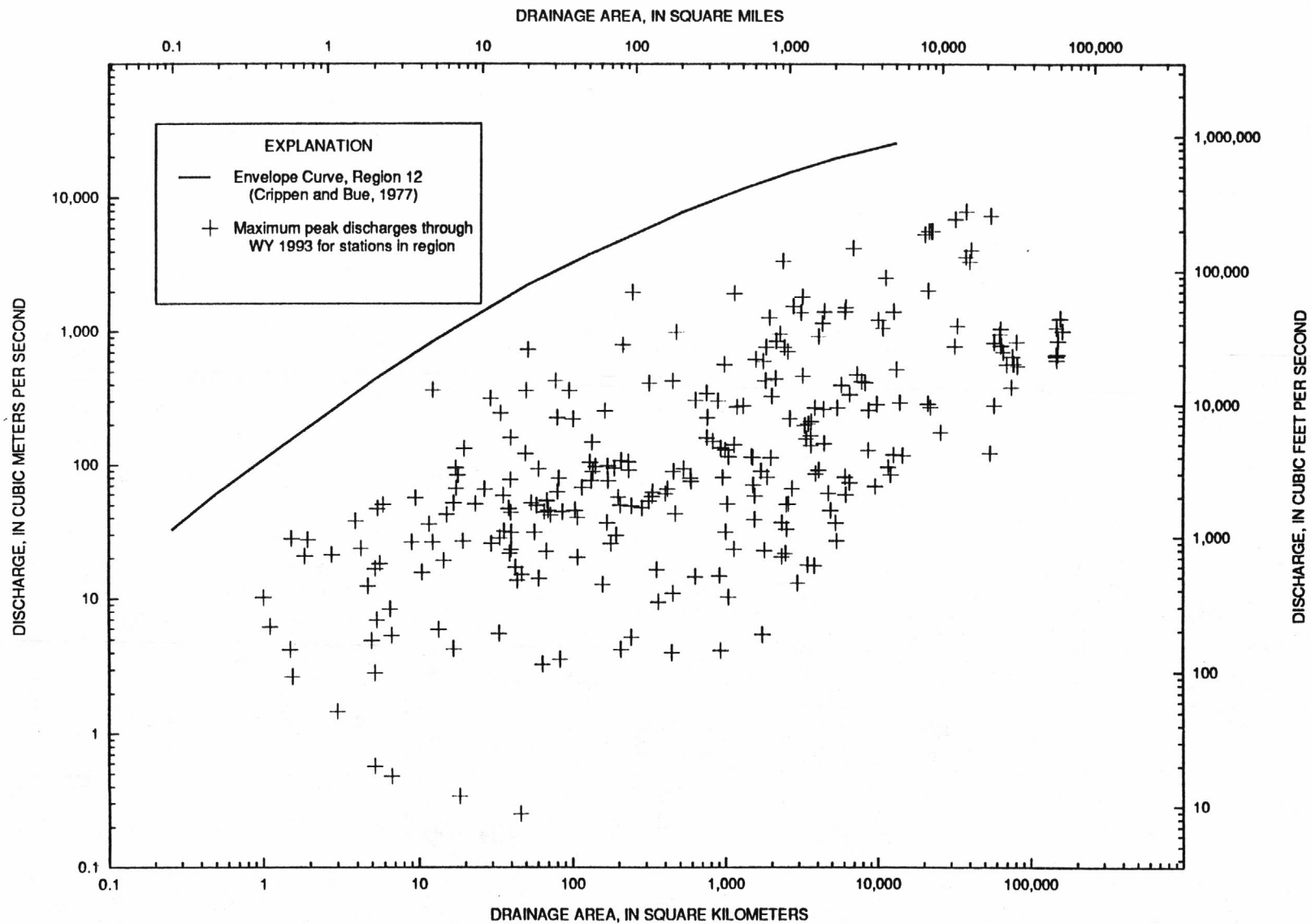


Figure 6 (continued).--(b) region 12 with maximum peak discharges for stations within the region.

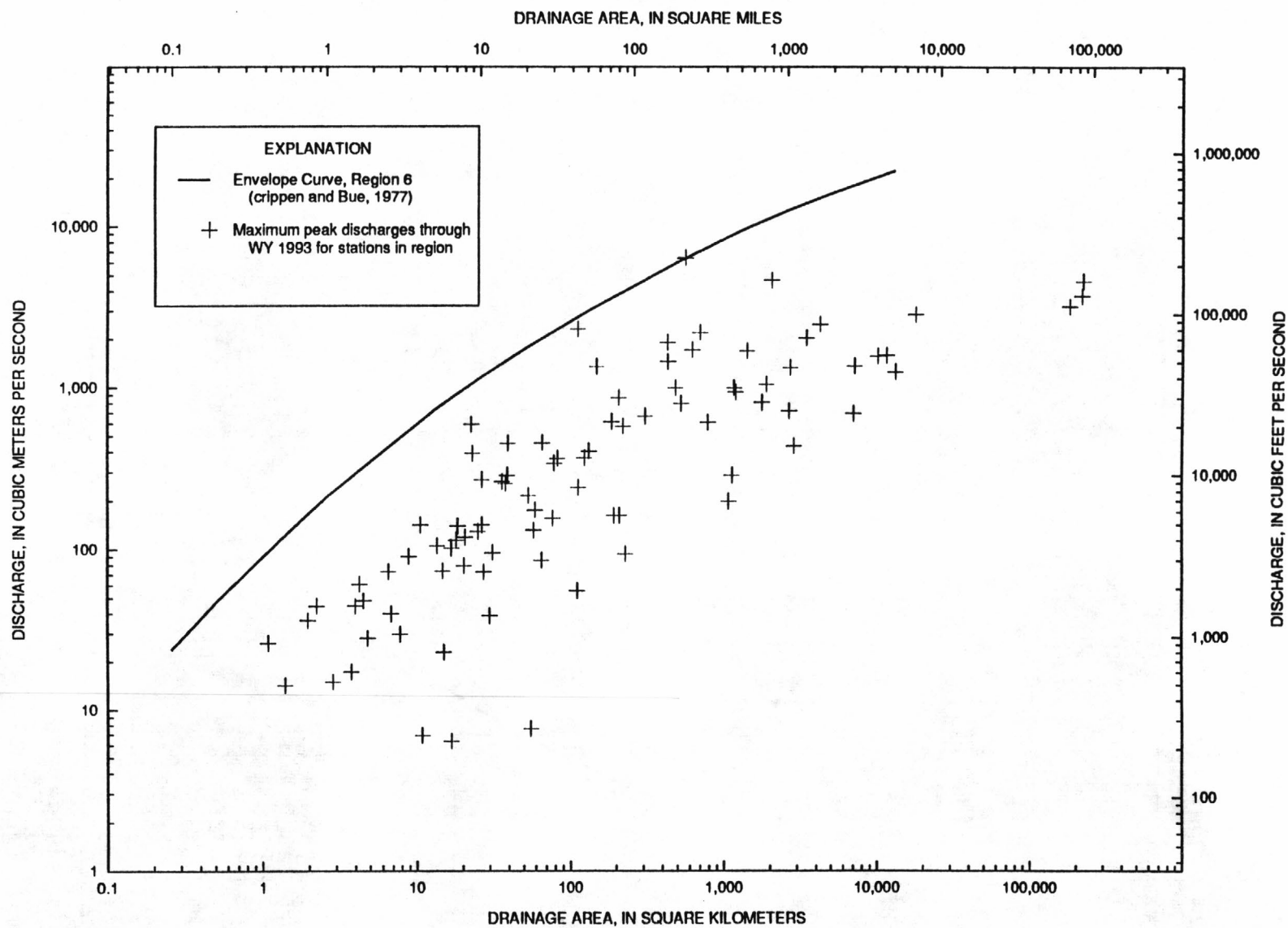


Figure 6.--Envelope curve for: (c) region 6 with maximum peak discharges for stations within the region.

STATIONS IN DOWNSTREAM ORDER

The following continuous-record gaging stations and crest-stage stations are listed in downstream order. Each station has been assigned an 8-digit station number based on geographic location. The first two numbers (06) refer to all stream-gaging stations within the Missouri River Basin which includes all of the stations in Nebraska. For ease in reading the station number, the "06" preceeding the number has been left off. Continuous-record gaging stations are designated by a letter (d) after the name; and crest-stage stations are designated by a letter (c). Stations with an asterisk (*) are no longer published by the U.S. Geological Survey starting from water year 1992, but are operated by the Nebraska Department of Water Resources. Data has been obtained from the Department of Water Resources for these stations through the water year 1993.

MISSOURI RIVER BASIN

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
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CHEYENNE RIVER BASIN

Warbonnet Creek near Harrison (c) -----	396490	23
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WHITE RIVER BASIN

White River tributary near Glen (c) -----	443200	24
Deep Creek near Glen (c) -----	443300	25
Soldiers Creek near Crawford (c) -----	443700	26
White River tributary No. 2 near Crawford (c) -----	443900	27
White River at Crawford (*d) -----	444000	28
White River below Cottonwood Creek near Whitney (d)-----	445000	30
White River near Chadron (d) -----	445500	31
Chadron Creek tributary at Chadron State Park near Chadron (c) -----	455300	32
Chadron Creek at Chadron State Park near Chadron (c)-----	445560	33
Big Bordeaux Creek near Chadron (d) -----	445590	34

PONCA CREEK BASIN

Ponca Creek near Naper (d)-----	453400	35
Ponca Creek at Anoka (d) -----	453500	36
Ponca Creek at Lynch (d) -----	453550	38
Ponca Creek at Verdel (d) -----	453600	39

NIOBRARA RIVER BASIN

Niobrara River at Wyoming-Nebraska State Line (d)-----	454000	40
Niobrara River at Agate (*d) -----	454100	42
Niobrara River tributary near Belmont (c) -----	454400	43
Niobrara River above Box Butte Reservoir (d) -----	454500	44
Niobrara River below Box Butte Reservoir (*d) -----	455500	46
Niobrara River near Dunlap (d) -----	455900	48
Pebble Creek near Esther (c) -----	456200	49
Pebble Creek near Dunlap (c) -----	456300	50
Cottonwood Creek near Dunlap (c) -----	456400	51
Niobrara River near Hay Springs (d)-----	456500	52

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
NIOBRARA RIVER BASIN--Continued		
Point of Rocks Creek near Marsland (c) -----	457100	53
Berea Creek near Alliance (c) -----	457200	54
Niobrara River near Gordon (*d) -----	457500	55
Antelope Creek at Gordon (c) -----	457700	57
Antelope Creek tributary near Gordon (c) -----	457800	58
Bear Creek near Eli (d) -----	458500	59
Niobrara River near Cody (d) -----	459000	60
Snake River at Doughboy (d) -----	459175	61
Snake River above Merritt Reservoir (d) -----	459200	62
Snake River near Burge (d) -----	459500	63
Minnechaduza Creek near Kilgore (d) -----	460900	65
Minnechaduza Creek at Valentine (d) -----	461000	66
Big Beaver Creek near Valentine (c) -----	461300	68
Niobrara River near Sparks (d) -----	461500	69
Niobrara River near Norden (d) -----	462000	71
Plum Creek at Meadville (d) -----	462500	72
Long Pine Creek near Long Pine (d) -----	463080	74
Bone Creek tributary near Ainsworth (c) -----	463100	75
Bone Creek tributary No. 2 near Ainsworth (c) -----	463200	76
Sand Draw tributary near Ainsworth (c) -----	463300	77
Long Pine Creek near Riverview (d) -----	463500	78
Niobrara River at Mariaville (d) -----	463720	80
Keya Paha River near Naper (d) -----	464900	81
Niobrara River near Spencer (d) -----	465000	82
Honey Creek near O'Neill (c) -----	465200	84
Camp Creek near O'Neill (c) -----	465300	85
Eagle Creek near Redbird (d) -----	465310	86
Blackbird Creek tributary near O'Neill (c) -----	465400	87
Redbird Creek at Redbird (d) -----	465440	88
Niobrara River near Verdel (d) -----	465500	89
North Branch Verdigre Creek near Verdigre (d) -----	465680	91
Bingham Creek near Niobrara (c) -----	465850	92

BAZILE CREEK BASIN

Bazile Creek near Niobrara (d) -----	466500	93
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WEIGAND CREEK BASIN

Weigand Creek near Crofton (c) -----	466950	95
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MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
BOW CREEK BASIN		
Bow Creek near St. James (d) -----	478518	96
West Bow Creek near Fordyce (c) -----	478520	97
OMAHA CREEK BASIN		
South Omaha Creek tributary near Walthill (c) -----	600600	98
South Omaha Creek near Walthill (c) -----	600700	99
South Omaha Creek tributary No. 2 near Walthill (c) -----	600800	100
South Omaha Creek at Walthill (c) -----	600900	101
Omaha Creek at Homer (d) -----	601000	102
TEKAMAH CREEK BASIN		
South Branch Tekamah Creek near Craig (c) -----	607700	104
South Branch Tekamah Creek tributary near Tekamah (c) -----	607800	105
South Branch Tekamah Creek near Tekamah (c) -----	607900	106
Tekamah Creek at Tekamah (c, d) -----	608000	107
NEW YORK CREEK BASIN		
New York Creek near Spiker (c) -----	608600	108
New York Creek tributary near Spiker (c) -----	608700	109
New York Creek north of Spiker (c) -----	608800	110
New York Creek east of Spiker (c) -----	608900	111
New York Creek at Herman (d) -----	609000	112
PAPILLION CREEK BASIN		
Big Papillion Creek near Orum (c) -----	610700	113
PLATTE RIVER BASIN		
Horse Creek near Lyman (d) -----	677500	114
Sheep Creek near Morrill (*d) -----	678000	116
Dry Spottedtail Creek tributary near Mitchell (c) -----	678750	118
Dry Spottedtail Creek at Mitchell (d) -----	679000	119
North Platte River at Mitchell (d) -----	679500	120

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
PLATTE RIVER BASIN--Continued		
Tub Springs near Scottsbluff (d)-----	680000	123
North Platte River at Scottsbluff (d)-----	680500	124
Winters Creek near Scottsbluff (d)-----	681000	125
North Platte River near Minatare (*d)-----	682000	127
Red Willow Creek near Bayard (d)-----	684000	130
North Platte River at Bridgeport (*d)-----	684500	132
Hackberry Creek near Redington (c)-----	684900	135
Pumpkin Creek near Bridgeport (*d)-----	685000	136
North Platte River at Lisco (d)-----	686000	138
North Platte River at Oshkosh (d)-----	686500	140
Blue Creek near Lewellen (*d)-----	687000	141
North Platte River at Lewellen (*d)-----	687500	143
Ash Hollow near Oshkosh (c)-----	687600	145
North Platte River at Belmar (d)-----	688000	146
North Platte River near Keystone (d)-----	690500	147
North Platte River near Sutherland (*d)-----	691000	149
Birdwood Creek near Hershey (*d)-----	692000	151
North Platte River at North Platte (d)-----	693000	153
Lodgepole Creek at Bushnell (*d)-----	762500	156
Lodgepole Creek tributary near Kimball (c)-----	762650	158
Lodgepole Creek tributary near Sunol (c)-----	763200	159
Lodgepole Creek at Ralton (d)-----	763500	160
South Platte River at Roscoe (d)-----	764880	161
South Platte River at Paxton (d)-----	765000	162
South Platte River at North Platte (d)-----	765500	163
Platte River at Brady (*d)-----	766000	166
Platte River near Cozad (*d)-----	766500	168
Platte River near Lexington (d)-----	767000	170
South Fork Plum Creek tributary near Farnam (c)-----	767100	171
North Fork Plum Creek tributary near Farnam (c)-----	767200	172
Plum Creek tributary at Farnam (c)-----	767300	173
North Plum Creek near Farnam (c)-----	767400	174
Plum Creek near Farnam (c)-----	767410	175
Plum Creek near Smithfield (c)-----	767500	176
Platte River near Overton (d)-----	768000	177
Buffalo Creek tributary No. 1 near Buffalo (c)-----	768050	179
East Buffalo Creek near Buffalo (c)-----	768100	180
Buffalo Creek at Buffalo (c)-----	768200	181
Buffalo Creek tributary No. 2 near Buffalo (c)-----	768300	182
West Buffalo Creek near Buffalo (c)-----	768400	183

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
PLATTE RIVER BASIN--Continued		
Buffalo Creek near Darr (d) - - - - -	768500	184
Buffalo Creek near Overton (d) - - - - -	769000	185
Elm Creek tributary near Overton (c) - - - - -	769100	186
Elm Creek near Sumner (c) - - - - -	769200	187
Elm Creek tributary No. 2 near Overton (c) - - - - -	769300	188
Elm Creek near Overton (d) - - - - -	769500	189
Platte River near Odessa (*d) - - - - -	770000	190
Platte River near Kearney (d) - - - - -	770200	192
Platte River (South Channel) near Grand Island (d) - - - - -	770478	193
Platte River near Grand Island (d) - - - - -	770500	194
Wood River tributary near Lodi (c) - - - - -	770600	196
Wood River near Lodi (c) - - - - -	770700	197
Wood River near Oconto (c) - - - - -	770800	198
Wood River at Oconto (c) - - - - -	770900	199
Wood River near Lomax (c) - - - - -	770910	200
Wood River near Riverdale (c) - - - - -	771000	201
Wood River near Gibbon (d) - - - - -	771500	202
Wood River near Alda(d) - - - - -	772000	203
Dry Creek near Cairo (d) - - - - -	773000	205
Prairie Creek near Silver Creek (d) - - - - -	773500	206
Platte River near Duncan (d) - - - - -	774000	207
Middle Loup River near Seneca (d) - - - - -	775000	210
Middle Loup River at Dunning (d) - - - - -	775500	211
North Fork Dismal River near Mullen (c) - - - - -	775700	213
Dismal River near Thedford(d) - - - - -	775900	214
Dismal River at Dunning (d) - - - - -	776500	215
Middle Loup River near Milburn (d) - - - - -	777000	217
Middle Loup River at Walworth (d) - - - - -	777500	218
Lillian Creek tributary near Broken Bow (c) - - - - -	777600	219
Lillian Creek near Broken Bow (c) - - - - -	777700	220
Lillian Creek tributary near Walworth (c) - - - - -	777800	221
Middle Loup River at Sargent (d) - - - - -	778000	222
Middle Loup River at Arcadia (d) - - - - -	779000	223
Middle Loup River at Loup City (d) - - - - -	779500	225
Middle Loup River at Rockville (d) - - - - -	780000	226
South Loup River near Cumro (d) - - - - -	782000	227
South Loup River at Ravenna (d) - - - - -	782500	228
South Branch Mud Creek tributary near Broken Bow (c) - - - - -	782600	229
South Branch Mud Creek at Broken Bow (c) - - - - -	782700	230
North Branch Mud Creek at Broken Bow (c) - - - - -	782800	231

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
PLATTE RIVER BASIN--Continued		
Mud Creek tributary near Broken Bow (c)-----	782900	232
Mud Creek near Broken Bow (d)-----	783000	233
Mud Creek near Sweetwater (d)-----	783500	234
South Loup River at St. Michael (d)-----	784000	236
Oak Creek near Loup City (d)-----	784300	238
Oak Creek near Dannebrog (d)-----	784500	239
Turkey Creek near Farwell (c)-----	784700	240
Turkey Creek near Dannebrog (d)-----	784800	241
Middle Loup River at St. Paul-----	785000	242
North Loup River at Brewster (d)-----	785500	244
North Loup River at Taylor (d)-----	786000	245
North Loup River at Burwell (d)-----	786500	247
Calamus River near Harrop (d)-----	787000	248
Calamus River near Burwell (d)-----	787500	249
North Loup River at Ord (d)-----	788500	251
Mira Creek near North Loup (d)-----	788988	253
North Loup River at Scotia (d)-----	789000	254
Davis Creek tributary near North Loup (c)-----	789100	255
Davis Creek tributary No. 2 near North Loup (c)-----	789200	256
Davis Creek near North Loup (c)-----	789300	257
Davis Creek southwest of North Loup (c)-----	789400	258
Davis Creek near Cotesfield (d)-----	789500	259
North Loup River near St. Paul (d)-----	790500	260
East Branch Spring Creek tributary near Wolbach (c)-----	790600	262
West Branch Spring Creek at Brayton (c)-----	790700	263
West Branch Spring Creek near Wolbach (c)-----	790800	264
Mary's Creek at Wolbach (c)-----	790900	265
Spring Creek near Cushing (c)-----	791100	266
Cedar River near Spalding (d)-----	791500	267
Cedar River at Primrose (d)-----	791750	269
Cedar River at Belgrade (d)-----	791800	270
Cedar River near Fullerton (d)-----	792000	271
Loup River near Genoa (d)-----	793000	273
Beaver Creek at Loretto (*d)-----	793500	275
Skeedee Creek tributary near Genoa (c)-----	793995	276
Beaver Creek at Genoa (d)-----	794000	277
Loup River at Columbus (d)-----	794500	279
Bone Creek near David City (c)-----	794710	281
Shell Creek at Newman Grove (c)-----	795000	282
Shell Creek near Columbus (d)-----	795500	283

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
PLATTE RIVER BASIN--Continued		
Platte River at North Bend (d) -----	796000	285
Elkhorn River near Atkinson (*d)-----	796973	287
Holt Creek near Emmet (d) -----	796978	288
Elkhorn River at Ewing (d) -----	797500	289
South Fork Elkhorn River near Ewing (*d) -----	798000	291
Clearwater Creek near Clearwater (*d) -----	798300	292
Elkhorn River at Neligh (d) -----	798500	293
Elkhorn River at Meadow Grove (d)-----	798800	295
Elkhorn River at Norfolk (d) -----	799000	296
Willow Creek near Foster (d) -----	799080	298
North Fork Elkhorn River near Pierce (d) -----	799100	299
South Fork Union Creek tributary near Cornlea (c) -----	799190	300
Union Creek at Madison (d) -----	799230	301
Elkhorn River at West Point (d) -----	799350	302
Pebble Creek at Scribner (d) -----	799385	304
North Logan Creek near Laurel (c)-----	799423	305
Logan Creek at Pender (d) -----	799450	306
Logan Creek near Uehling (d) -----	799500	307
Pond Creek near Schuyler (c) -----	799850	309
Maple Creek near Nickerson (d) -----	800000	310
Elkhorn River tributary near Nickerson (c) -----	800350	312
Elkhorn River at Waterloo (d) -----	800500	313
Platte River near Ashland (d)-----	801000	315
Olive Branch above Sprague (c)-----	801200	316
Salt Creek subwatershed No. 3 near Sprague (d)-----	801300	317
Salt Creek (Olive Branch) below Sprague (c)-----	801320	318
Hickman Branch above Hickman (c) -----	801340	319
Hickman Branch at Hickman (c) -----	801360	320
Salt Creek subwatershed No. 1 near Roca (d)-----	801400	321
Salt Creek subwatershed No. 12 near Roca (d) -----	801500	322
Salt Creek subwatershed No. 34 near Roca (d) -----	802500	323
Salt Creek at Roca (d) -----	803000	324
Antelope Creek at 48th Street, Lincoln (c)-----	803200	326
Antelope Creek at 27th Street, Lincoln (c)-----	803300	327
Antelope Creek at Lincoln (c) -----	803400	328
Oak Creek near Raymond (d) -----	803450	329
Salt Creek at Lincoln (d)-----	803500	330
Little Salt Creek near Lincoln (d)-----	803510	332
Stevens Creek near Lincoln (d) -----	803520	333
Rock Creek near Ceresco (d) -----	803530	334

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
---------------------	-----------------------	-------------

PLATTE RIVER BASIN--Continued

Dee Creek near Alvo (c) -----	803540	335
Salt Creek near Greenwood (d) -----	803555	336
Dunlap Creek tributary near Weston (c) -----	803570	338
North Fork Wahoo Creek near Prague (c) -----	803600	339
North Fork Wahoo Creek tributary near Weston (c) -----	803700	340
North Fork Wahoo Creek at Weston (c) -----	803900	341
Wahoo Creek at Ithaca (d) -----	804000	342
Silver Creek near Cedar Bluffs (c) -----	804100	344
Silver Creek near Colon (c) -----	804200	345
Silver Creek tributary near Colon (c) -----	804300	346
Silver Creek tributary at Colon (c) -----	804400	347
Silver Creek at Ithaca (c) -----	804500	348
Wahoo Creek at Ashland (d) -----	804700	349
Johnson Creek near Memphis (d) -----	804900	350
Salt Creek near Ashland (d) -----	805000	351
Platte River at Louisville (d) -----	805500	352
Buffalo Creek near Gretna (c) -----	805510	354

WEeping WATER CREEK BASIN

Weeping Water Creek at Elmwood (c) -----	806400	355
Stove Creek near Elmwood (c) -----	806420	356
Stove Creek at Elmwood (c) -----	806440	357
Weeping Water Creek at Weeping Water (c) -----	806460	358
Weeping Water Creek tributary near Weeping Water (c) -----	806470	359
Weeping Water Creek at Union (d) -----	806500	360

HONEY CREEK BASIN

Honey Creek near Peru (c) -----	810060	362
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LITTLE NEMAHA RIVER BASIN

Hooper Creek tributary near Palmyra (c) -----	810100	363
Hooper Creek near Palmyra (c) -----	810200	364
Wolf Creek near Syracuse (c) -----	810300	365
Little Nemaha River tributary near Syracuse (c) -----	810400	366
Little Nemaha River near Syracuse (d) -----	810500	367
Little Nemaha River at Auburn (d) -----	811500	368

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
BIG NEMAHA RIVER BASIN		
North Fork Big Nemaha River at Humboldt (d) -----	814500	370
Big Nemaha River at Falls City (d)-----	815000	372
Muddy Creek at Verdon (c, d) -----	815500	374
Temple Creek near Falls City (c) -----	815510	375
KANSAS RIVER BASIN		
Arikaree River at Haigler (d)-----	821500	376
North Fork Republican River at Colorado-Nebraska State Line (d) -----	823000	378
Buffalo Creek near Haigler (d)-----	823500	380
Rock Creek at Parks (d) -----	824000	382
Republican River at Benkelman (d) -----	824500	384
South Fork Republican River near Benkelman (d) -----	827500	386
Republican River at Max (d) -----	828000	388
North Branch Indian Creek near Max (c)-----	828100	389
Republican River at Stratton (d)-----	828500	390
Republican River at Trenton (d)-----	829500	392
Thompson Canyon near Trenton (c) -----	829700	394
Republican River at Culbertson (d)-----	830000	395
Frenchman Creek near Champion (d) -----	830500	396
Frenchman Creek below Champion (d)-----	831000	397
Frenchman Creek near Imperial (d) -----	831500	398
Frenchman Creek near Enders (d) -----	832500	400
Frenchman Creek near Hamlet (d) -----	833500	402
Frenchman Creek at Palisade (d) -----	834000	403
Spring Creek tributary near Grant (c) -----	834100	405
Stinking Water Creek near Wauneta (d)-----	834500	406
Stinking Water Creek near Palisade (d) -----	835000	407
Bobtail Creek near Palisade (c) -----	835100	409
Frenchman Creek at Culbertson (d) -----	835500	410
Blackwood Creek near Culbertson (d)-----	836000	412
Driftwood Creek near McCook (d)-----	836500	414
Republican River at McCook (d) -----	837000	416
Ash Creek near Red Willow (c) -----	837100	418
Red Willow Creek above Hugh Butler Lake (d) -----	837300	419
Red Willow Creek near McCook (d)-----	837500	420
Red Willow Creek near Red Willow (d) -----	838000	422

MISSOURI RIVER BASIN--Continued

Station name

Station number

Page

KANSAS RIVER BASIN--Continued

Coon Creek at Indianola (c)-----	838200	424
Dry Creek at Bartley (c, d)-----	838550	425
Medicine Creek at Maywood (c, d)-----	839000	426
Elkhorn Canyon near Maywood (c)-----	839200	427
Elkhorn Canyon southwest of Maywood (c)-----	839400	428
Brushy Creek near Maywood (c, d)-----	839500	429
Frazier Creek near Maywood (c)-----	839600	430
Frazier Creek tributary near Maywood (c)-----	839700	431
Fox Creek (Site No. 1) near Curtis (c)-----	839800	432
Fox Creek north of Curtis (c)-----	839850	433
Fox Creek above Cut Canyon near Curtis (c)-----	839900	434
Cut Canyon near Curtis (c)-----	839950	435
Fox Creek at Curtis (c, *d)-----	840000	436
Dry Creek near Curtis (c, d)-----	840500	437
Medicine Creek above Harry Strunk Lake (d)-----	841000	438
Mitchell Creek above Harry Strunk Lake (d)-----	841500	440
Medicine Creek below Harry Strunk Lake (d)-----	842500	441
Medicine Creek at Cambridge (d)-----	843000	443
Republican River at Cambridge (d)-----	843500	444
Muddy Creek at Arapahoe (d)-----	844000	446
Turkey Creek at Edison (d)-----	844210	448
Republican River near Orleans (d)-----	844500	449
Sappa Creek near Beaver City (d)-----	845200	451
Beaver Creek near Beaver City (d)-----	847000	452
Sappa Creek near Stamford (d)-----	847500	454
Republican River below Harlan County Dam (d)-----	849500	456
Turkey Creek near Holdrege (c)-----	849600	458
Turkey Creek at Naponee (d)-----	850000	459
Cottonwood Creek near Bloomington (d)-----	850200	461
Republican River near Bloomington (d)-----	850500	462
Center Creek at Franklin (d)-----	851000	463
West Branch Thompson Creek at Hildreth (c)-----	851100	465
West Branch Thompson Creek near Hildreth (c)-----	851200	466
West Branch Thompson Creek tributary near Hildreth (c)-----	851300	467
West Branch Thompson Creek near Upland(c)-----	851400	468
Thompson Creek at Riverton (c, d)-----	851500	469
Elm Creek at Amboy (d)-----	852000	471
Republican River near Guide Rock (d)-----	853000	473
Republican River at Guide Rock (d)-----	853020	474
Beaver Creek near Rosemont (c)-----	853100	475

MISSOURI RIVER BASIN--Continued

<i>Station name</i>	<i>Station number</i>	<i>Page</i>
KANSAS RIVER BASIN--Continued		
Big Blue River tributary near Hordville (c) -----	879850	477
Big Blue River at Surprise (d) -----	879900	478
Lincoln Creek near Seward (d) -----	880000	479
Big Blue River at Seward (d)-----	880500	481
Plum Creek near Seward (c) -----	880508	483
North Branch West Fork Big Blue River tributary at Giltner (c) -----	880590	484
School Creek tributary near Harvard (c) -----	880710	485
School Creek near Harvard (c)-----	880720	486
School Creek tributary No. 2 near Harvard (c) -----	880730	487
School Creek near Saronville (c) -----	880740	488
Beaver Creek tributary near Henderson (c) -----	880775	489
West Fork Big Blue River near Dorchester (d) -----	880800	490
Big Blue River near Crete (d) -----	881000	492
Turkey Creek near Wilber (d) -----	881200	494
South Fork Swan Creek tributary near Western (c)-----	881250	495
Indian Creek at Beatrice (c)-----	881450	496
Big Blue River at Beatrice (d) -----	881500	497
Big Blue River tributary near Beatrice (c) -----	881530	500
Big Blue River at Barneston (d) -----	882000	501
Little Blue River below Pawnee Creek near Pauline (c) -----	882900	503
Little Blue River near Deweese (d)-----	883000	504
Spring Creek tributary near Ruskin (c) -----	883540	506
Little Blue River near Alexandria (d) -----	883570	507
South Fork Big Sandy Creek near Edgar (c)-----	883600	508
South Fork Big Sandy Creek near Davenport (c) -----	883700	509
South Fork Big Sandy Creek near Carleton (c) -----	883800	510
South Fork Big Sandy Creek near Hebron (c)-----	883900	511
Big Sandy Creek at Alexandria (d) -----	883940	512
Little Sandy Creek near Ohiowa (c) -----	883955	513
Little Blue River near Fairbury (d) -----	884000	514
Dry Branch tributary near Fairbury (c) -----	884005	516
Little Blue River at Hollenberg, Kansas (d) -----	884025	517

EXPLANATION OF PEAK DATA CODES

DISCHARGE CODES:

- 1--Discharge is a maximum daily average
- 2--Discharge is an estimate
- 3--Discharge affected by dam failure
- 4--Discharge less than indicated value, which is minimum recordable discharge at this site
- 5--Discharge affected to unknown degree by regulation or diversion
- 6--Discharge affected by regulation or diversion
- 7--Discharge is a historic peak
- 8--Discharge actually greater than indicated value
- 9--Discharge due to snowmelt, hurricane, ice-jam or debris dam breakup
- A--Year of occurrence is unknown or not exact
- B--Month or day of occurrence is unknown or not exact
- C--All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other
- D--Base discharge changed during this year
- E--Only annual maximum peak available for this year

GAGE HEIGHT CODES:

- 1--Gage height affected by backwater
- 2--Gage height not the maximum for the year
- 4--Gage height below minimum recordable elevation
- 5--Gage height is an estimate

NOTE.--PERIOD OF RECORD listed in the description for each station refers to the dates when actual peaks were recorded and published, with the beginning date not necessarily the date when the gage was established (unless specified), and the ending date being the last year a peak had been recorded.

06396490 WARBONNET CREEK NEAR HARRISON, NE

LOCATION.--Lat 42°50'43", long 103°54'41", in SW1/4 sec.10, T.33 N., R.56 W., Sioux County, Hydrologic Unit 10120108, at upstream end of 42" (107 cm) corrugated culvert under Federal aid secondary road 18.5 km (11.5 mi) north of Harrison. The gage is located about 152 m (500 feet) downstream from the confluence of Jim Creek with Warbonnet Creek.

DRAINAGE AREA.--63.5 km² (24.5 mi²).

PERIOD OF RECORD.--1969 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05m (10.00 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7.65 m³/s (270 ft³/s) July 18, 1969, gage height, 4.68 m (15.37 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1969	07/18/69	7.65 (270)	--	4.68 (15.37)	--
1970	06/12/70	0.28 (10)	--	3.36 (11.02)	--
1971	05/23/71	5.38 (190)	--	4.63 (15.19)	--
1972	07/16/72	2.21 (78)	--	4.44 (14.56)	--
1973	08/30/73	1.47 (52)	--	3.85 (12.63)	--
1974	04/11/74	1.64 (58)	--	3.98 (13.04)	--
1975	08/22/75	1.95 (69)	--	4.23 (13.89)	--
1976	06/14/76	1.67 (59)	--	4.00 (13.11)	--
1977	08/08/77	.40 (14)	--	3.49 (11.44)	--
1978	07/15/78	1.42 (50)	--	3.86 (12.65)	--

06443200 WHITE RIVER TRIBUTARY NEAR GLEN, NE

LOCATION.--Lat 42°37'11", long 103°39'09", in W1/2 sec.34, T.31 N., R.54 W., Sioux County, Hydrologic Unit 10140201, at steel bridge on road 7.2 km (4.5 mi) west of Glen and 8 km (5 mi) west of WH-2.

DRAINAGE AREA.--20.64 km² (7.97 mi²).

PERIOD OF RECORD.-- 1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21.0 m³/s (740 ft³/s) June 17, 1965, gage height, 5.81 m (19.06 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i>		<i>Discharge</i>	<i>Gage Height</i>		<i>Gage Height</i>
		<i>m³/s</i>	<i>(ft³/s)</i>	<i>Code</i>	<i>m</i>	<i>(ft)</i>	<i>Code</i>
1953	06/19/53	1.19	(42)	--	3.57	(11.71)	--
1954	05/22/54	0.34	(12)	--	3.30	(10.81)	--
1955	09/20/55	6.48	(229)	--	4.05	(13.30)	--
1956	06/16/56	.23	(8)	--	3.22	(10.55)	--
1957	05/25/57	.54	(19)	--	3.40	(11.17)	--
1958	08/07/58	.68	(24)	--	3.45	(11.32)	--
1959	06/29/59	.31	(11)	--	3.28	(10.76)	--
1960	03/18/60	1.19	(42)	--	3.71	(12.18)	--
1961	08/01/61	.06	(2)	--	3.19	(10.48)	--
1962	07/31/62	12.3	(435)	--	4.40	(14.40)	--
1963	06/06/63	10.8	(380)	--	4.33	(14.22)	--
1964	06/14/64	.76	(27)	--	3.61	(11.85)	--
1965	06/17/65	21.0	(740)	2	5.81	(19.06)	--
1966	07/01/66	2.55	(90)	--	3.86	(12.68)	--
1967	06/11/67	.51	(18)	--	3.54	(11.61)	--
1968	06/09/68	9.68	(342)	--	4.44	(14.58)	--
1969	07/18/69	.03	(1)	2	--	--	--
1970	05/18/70	≤.01	(≤.5)	2	3.11	(10.20)	2

06443300 DEEP CREEK NEAR GLEN, NE

LOCATION.--Lat 42°36'57", long 103°33'22", in SE1/4SE1/4 sec.32, T.31 N., R.53 W., Sioux County, Hydrologic Unit 10140201, on right downstream side of wood bridge on dirt road 2.3 km (1.4 mi) east of Glen.

DRAINAGE AREA.--28.2 km² (10.87 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--A College Park-type crest-stage gage. Due to building up of channel bank the gage was raised from 2.59 m (8.5 ft) to 3.05 m (10.00 ft) on Sept. 1, 1960. In order to record stages down to 1.83 m (6.00 ft), another gage and RP#2 were established near the right edge of the low-water channel on July 17, 1965.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 86.4 m³/s (3,050 ft³/s) Aug. 15, 1953, gage height, 4.55 m (14.92 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	08/15/53	86.4 (3050)	--	4.55 (14.92)	--
1954	05/22/54	0.06 (2)	--	1.83 (6.00)	--
1955	09/20/55	3.96 (140)	--	3.13 (10.26)	--
1956	05/27/56	1.42 (50)	--	2.70 (8.87)	--
1957	05/23/57	.06 (2)	--	1.78 (5.84)	--
1958	07/09/58	2.27 (80)	--	2.86 (9.38)	--
1959	05/14/59	.03 (1)	--	1.81 (5.93)	--
1960	08/24/60	5.30 (187)	--	3.32 (10.90)	--
1961	08/01/61	2.83 (100)	--	2.96 (9.70)	--
1962	07/31/62	4.53 (160)	--	3.22 (10.58)	--
1963	06/06/63	.85 (30)	--	2.53 (8.30)	--
1964	04/08/64	≤.01 (≤.5)	--	1.44 (4.74)	--
1965	07/26/65	6.51 (230)	--	3.43 (11.25)	--
1966	03/ /66	.06 (2)	2	-- --	--
1967	06/11/67	.91 (32)	--	2.54 (8.32)	--
1968	07/27/68	.57 (20)	--	2.32 (7.61)	--
1969	07/18/69	.23 (8)	--	2.16 (7.07)	--
1970	08/06/70	.48 (17)	--	2.34 (7.68)	--
1971	03/28/71	2.27 (80)	--	2.87 (9.41)	--
1972	05/27/72	4.90 (173)	--	3.27 (10.73)	--
1973	03/22/73	.03 (1)	--	1.95 (6.41)	--
1974	08/23/74	6.00 (212)	--	3.39 (11.13)	--
1975	06/19/75	.03 (1)	--	1.66 (5.45)	2
1976	05/25/76	.03 (1)	--	1.73 (5.67)	--
1977	06/11/77	.71 (25)	--	2.44 (8.01)	--
1978	03/10/78	.11 (4)	--	1.75 (5.73)	--

06443700 SOLDIERS CREEK NEAR CRAWFORD, NE

LOCATION.--Lat 42°41'18", long 103°32'09", in NE1/4SW1/4 sec.3, T.31 N., R.53 W., Sioux County, Hydrologic Unit 10140201, on downstream side of cottonwood tree, 45.7 m (150 ft) downstream from wooden bridge near stockyard on James Ranch, 0.6 km (0.4 mi) upstream from boundary fence on Fort Robinson Military Reservation and 9.7 km (6 mi) west of Crawford.

DRAINAGE AREA.--136 km² (52.6 mi²).

PERIOD OF RECORD.--1955 to 1978 (discontinued).

GAGE.--A College Park-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 174 m³/s (6,160 ft³/s) July 1, 1966, gage height, 6.71 m (22.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1955	09/20/55	26.9	(949)	--	5.03	(16.49)	--
1956	10/04/55	0.14	(5)	--	2.98	(9.79)	--
1957	07/20/57	1.56	(55)	--	3.57	(11.72)	--
1958	07/10/58	112	(3970)	--	6.68	(21.90)	--
1959	04/09/59	.11	(4)	--	3.13	(10.27)	--
1960	03/18/60	23.8	(840)	--	4.91	(16.12)	--
1961	08/01/61	.26	(9)	--	2.91	(9.55)	--
1962	06/16/62	.94	(33)	--	3.62	(11.87)	--
1963	02/02/63	.85	(30)	2	3.97	(13.03)	1
1964	06/16/64	.11	(4)	--	2.78	(9.11)	--
1965	06/17/65	24.6	(870)	2	4.94	(16.22)	--
1966	07/01/66	174	(6160)	--	6.71	(22.00)	--
1967	06/11/67	.74	(26)	--	3.39	(11.11)	--
1968	06/09/68	2.63	(93)	--	3.73	(12.25)	--
1969	07/18/69	7.08	(250)	--	4.13	(13.56)	--
1970	07/27/70	12.7	(450)	--	4.46	(14.62)	--
1971	03/28/71	7.84	(277)	--	4.18	(13.72)	--
1972	07/16/72	2.12	(75)	--	3.66	(12.02)	--
1973	03/22/73	.85	(30)	--	3.39	(11.12)	--
1974	01/16/74	2.72	(96)	--	3.74	(12.28)	--
1975	06/19/75	9.06	(320)	--	4.26	(13.97)	--
1976	09/22/76	3.12	(110)	--	3.79	(12.44)	--
1977	08/08/77	5.38	(190)	--	4.01	(13.17)	--
1978	03/18/78	2.69	(95)	--	3.74	(12.28)	--

06443900 WHITE RIVER TRIBUTARY NO. 2 NEAR CRAWFORD, NE

LOCATION.--Lat 42°38'40", long 103°24'08", in SE1/4 NE1/4 sec.22, T.31 N., R.52 W., Dawes County Hydrologic Unit 10140201, at quadruple concrete box culvert on State Highway 2, 3.54 km (2.2 mi) south of junction of State Highway 2 and U.S. Highway 20, 4.8 km (3 mi) south of Crawford.

DRAINAGE AREA.--14.1 km² (5.43 mi²).

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 19.8 m³/s (698 ft³/s) May 24, 1960, gage height, 3.39 m (11.12 ft); maximum gage height recorded, 3.44 m (11.29 ft) July 10, 1958.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	/ /53	≤0.01 (≤.5)	--	--	--
1954	05/22/54	.06 (2)	--	3.16 (10.36)	--
1955	/ /55	≤0.01 (≤.5)	--	--	--
1956	/ /56	≤0.01 (≤.5)	--	--	--
1957	/ /57	≤0.01 (≤.5)	--	--	--
1958	07/10/58	12.7 (450)	2	3.44 (11.29)	--
1959	/ /59	≤0.01 (≤.5)	--	--	--
1960	05/24/60	19.8 (698)	--	3.39 (11.12)	--
1961	/ /61	≤0.01 (≤.5)	--	--	--
1962	/ /62	≤0.01 (≤.5)	--	--	--
1963	06/06/63	≤0.01 (≤.5)	2	--	--
1964	/ /64	≤0.01 (≤.5)	--	--	--
1965	/ /65	≤0.01 (≤.5)	--	--	--
1966	03/0 /66	≤0.01 (≤.5)	2	--	--
1967	06/11/67	.85 (30)	2	3.42 (11.22)	--
1968	/ /68	.03 (1)	--	--	--
1969	08/28/69	.28 (10)	2	3.27 (10.73)	--
1970	/ /70	.03 (1)	--	--	--

***06444000 WHITE RIVER AT CRAWFORD, NE**

LOCATION.--Lat 42°41'33", long 103°25'03", in W1/2 sec.3, T.31 N., R.52 W., Dawes County, Hydrologic Unit 10140201, on right bank 4.57 m (15 ft) downstream from bridge in city park at Crawford and at kilometer 810 (mile 503).

DRAINAGE AREA.--811 km² (313 mi²).

PERIOD OF RECORD.--1931-44, 1948 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1115.52 m (3,659.85 ft) above sea level. Feb. 25, 1931, to Oct. 2, 1933, nonrecording gage at old highway bridge 0.8 km (0.5 mi) upstream at different datum and Oct. 3, 1933, to Sept. 30, 1943, 1.6 km (1 mi) upstream at different datum.

REMARKS.--Some regulation low flows by pumps for irrigation and diversion for water supply for town of Crawford.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 20, 1920 reached a stage of about 3.0m (9.9 ft) , at site and datum of 1934-1944. Stage was comparative to 1938 peak at railroad bridge 1.25 miles upstream, with a discharge of about 28.3 m³/s (1,000 ft³/s).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 377 m³/s (13,300 ft³/s) May 10, 1991, gage height, 4.97 m (16.32 ft). Maximum stage since at least 1917, according to Crawford Tribune, was 4.4 m (14.4 ft) on Aug. 20, 1944. Discharge about 48.1 m³/s (1,700 ft³/s) , from records of Nebraska Bureau of Roads and Bridges. Local reports indicate that a 1947 stage was higher than that of Mar. 15, 1948.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1920	05/20/20	28.3 (1000)	2, 7	3.0 (9.9)	--
1931	08/16/31	3.85 (136)	--	1.12 (3.70)	--
1932	05/06/32	9.91 (350)	--	1.95 (6.40)	--
1933	08/28/33	30.6 (1080)	--	3.14 (10.30)	--
1934	03/30/34	1.19 (42)	--	0.64 (2.10)	--
1935	06/16/35	12.8 (452)	--	1.84 (6.02)	--
1936	09/04/36	31.2 (1100)	--	3.30 (10.82)	--
1937	02/15/37	2.29 (81)	--	.71 (2.32)	--
1938	04/24/38	28.6 (1010)	--	3.09 (10.13)	--
1939	03/10/39	5.78 (204)	--	1.16 (3.82)	--
1940	08/02/40	33.1 (1170)	--	3.41 (11.20)	--
1941	04/02/41	2.04 (72)	--	.64 (2.10)	--
1942	05/10/42	34.8 (1230)	--	3.54 (11.60)	--
1943	06/23/43	7.53 (266)	--	1.54 (5.04)	--
1944	08/20/44	48.1 (1700)	2	--	--
1948	03/15/48	44.7 (1580)	--	2.10 (6.88)	--
1949	05/29/49	3.65 (129)	--	.68 (2.24)	2
1950	08/04/50	2.80 (99)	--	.62 (2.04)	2
1951	09/03/51	19.3 (681)	--	1.33 (4.37)	--
1952	06/27/52	8.92 (315)	--	.92 (3.02)	--
1953	08/16/53	36.0 (1270)	--	1.84 (6.05)	--
1954	05/23/54	4.87 (172)	--	.74 (2.42)	--
1955	09/20/55	34.6 (1220)	--	1.80 (5.90)	--
1956	07/02/56	27.1 (958)	--	1.55 (5.10)	--
1957	08/17/57	5.15 (182)	--	.75 (2.45)	2
1958	07/10/58	30.0 (1060)	--	2.35 (7.70)	--
1959	06/22/59	11.0 (390)	--	1.34 (4.40)	--
1960	08/24/60	21.2 (750)	--	1.90 (6.25)	--

***06444000 WHITE RIVER AT CRAWFORD, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1961	07/29/61	2.60	(92)	--	0.68	(2.22)	2
1962	07/20/62	10.3	(364)	--	1.29	(4.23)	--
1963	06/07/63	4.25	(150)	2	1.34	(4.40)	2
1964	06/15/64	3.85	(136)	--	.83	(2.73)	2
1965	06/18/65	11.9	(420)	--	1.40	(4.60)	--
1966	07/02/66	7.59	(268)	--	1.09	(3.57)	--
1967	06/20/67	14.4	(510)	--	1.54	(5.05)	--
1968	06/09/68	27.7	(978)	--	2.25	(7.39)	--
1969	03/18/69	14.6	(516)	--	1.52	(5.00)	--
1970	08/07/70	15.5	(546)	--	1.59	(5.23)	--
1971	03/27/71	14.3	(504)	--	1.53	(5.02)	--
1972	07/17/72	8.02	(283)	--	1.14	(3.75)	--
1973	07/09/73	6.80	(240)	--	1.06	(3.48)	--
1974	08/23/74	7.45	(263)	--	1.09	(3.59)	--
1975	06/19/75	20.2	(714)	--	2.03	(6.66)	--
1976	05/26/76	2.58	(91)	--	.69	(2.26)	2
1977	08/17/77	5.35	(189)	--	.98	(3.21)	2
1978	07/29/78	5.75	(203)	--	.97	(3.18)	2
1979	07/24/79	14.5	(513)	--	1.61	(5.27)	--
1980	06/22/80	3.57	(126)	--	.84	(2.74)	--
1981	08/06/81	9.49	(335)	--	1.27	(4.17)	--
1982	06/24/82	8.38	(296)	--	1.19	(3.91)	2
1983	08/18/83	3.03	(107)	--	.76	(2.50)	--
1984	03/27/84	1.10	(39)	--	.59	(1.92)	2
1985	04/30/85	1.02	(36)	--	.58	(1.96)	2
1986	09/18/86	14.8	(523)	--	1.71	(5.61)	--
1987	06/19/87	13.4	(473)	--	1.62	(5.31)	--
1988	08/20/88	4.42	(156)	--	.94	(3.10)	2
1989	09/21/89	5.24	(185)	--	1.10	(3.62)	--
1990	08/22/90	2.18	(77)	--	.72	(2.36)	2
1991	05/10/91	377	(13300)	--	4.97	(16.32)	--
1992	05/22/92	1.08	(38)	--	1.18	(3.88)	--
1993	07/16/93	19.7	(695)	--	1.91	(6.28)	--

06445000 WHITE RIVER BELOW COTTONWOOD CREEK NEAR WHITNEY, NE

LOCATION.--Lat 42°48'35", long 103°10'05", in NE1/4 NE1/4 sec.26, T.33 N., R.50 W., Dawes County, Hydrologic Unit 10140201, on left bank 274 km (900 ft) upstream from county road bridge, 0.8 km (0.5 mi) downstream from Big Cottonwood Creek, and 7.24 km (4.5 mi) northeast of Whitney.

DRAINAGE AREA.--1750 km² (676 mi²).

PERIOD OF RECORD.--1949 to 1961 (discontinued).

GAGE.--Water-stage recorder.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 127 m³/s (4,480 ft³/s) May 20, 1957, gage height 6.12 m (20.09 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1949	05/21/49	16.4 (582)	--	3.40 (11.14)	2
1950	05/09/50	14.1 (498)	--	3.28 (10.76)	--
1951	09/04/51	37.7 (1330)	--	4.94 (16.21)	--
1952	06/28/52	10.2 (359)	--	2.73 (8.96)	2
1953	07/29/53	18.4 (650)	--	3.35 (11.00)	2
1954	05/23/54	65.4 (2310)	--	2.59 (19.01)	--
1955	09/20/55	45.3 (1600)	--	5.35 (17.56)	--
1956	05/27/56	27.6 (974)	--	4.49 (14.72)	--
1957	05/20/57	127 (4480)	--	6.12 (20.09)	--
1958	07/10/58	28.2 (995)	--	5.08 (16.66)	--
1959	06/30/59	6.88 (243)	--	2.71 (8.90)	2
1960	05/28/60	15.0 (528)	--	3.65 (11.98)	--
1961	07/20/61	21.7 (765)	--	4.44 (14.55)	--

06445500 WHITE RIVER NEAR CHADRON, NE

LOCATION.--Lat 42°50'00", long 103°07'00" in sec.18, T.33 N., R.49 W., Dawes County, Hydrologic Unit 10140201, below highway bridge on Highway 20, 9.7 km (6 mi) west of Chadron.

DRAINAGE AREA.--1,940 km² (750 mi²).

PERIOD OF RECORD.--1931-43, 1949 to 52 (discontinued).

GAGE.--Water-stage recorder.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 156 m³/s (5,500 ft³/s) June 22, 1947, gage height, 5.82 m (19.10 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 104 m³/s (3,690 ft³/s) May 12, 1942, gage height 5.51 m (18.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1931	08/17/31	9.06	(320)	2	2.38	(7.80)	--
1932	04/24/32	45.6	(1680)	--	5.12	(16.80)	--
1933	04/21/33	47.6	(1680)	--	5.12	(16.80)	--
1934	08/17/34	34.6	(1220)	--	4.91	(16.10)	--
1935	04/26/35	57.8	(2040)	--	5.22	(17.12)	--
1936	09/04/36	66.6	(2350)	--	5.29	(17.36)	--
1937	05/30/37	15.1	(532)	--	3.15	(10.32)	--
1938	05/19/38	14.2	(502)	--	3.01	(9.86)	--
1939	08/18/39	88.4	(3120)	--	5.38	(17.66)	--
1940	09/06/40	48.1	(1700)	--	5.13	(16.82)	--
1941	06/10/41	41.6	(1470)	--	5.10	(16.73)	--
1942	05/12/42	104	(3690)	--	5.51	(18.07)	--
1943	05/30/43	33.1	(1170)	--	4.94	(16.22)	2
1947	06/22/47	156	(5500)	7	5.82	(19.10)	--
1949	/ /49	17.0	(600)	2	--	--	--
1950	/ /50	14.2	(500)	2	--	--	--
1951	/ /51	34.0	(1200)	2	--	--	--
1952	/ /52	10.2	(360)	2	--	--	--

06445530 CHADRON CREEK TRIBUTARY AT CHADRON STATE PARK NEAR CHADRON, NE

LOCATION.--Lat 42°41'49", long 103°00'09", in NE1/4NW1/4 sec.6, T.31 N., R.48 W., Dawes County, Hydrologic Unit 10140201, on left downstream side of double box concrete culvert on U.S. Highway 385, 1.4 km (0.9 mi) south of entrance to Chadron State Park, 14.5 km (9 mi) south of Chadron.

DRAINAGE AREA.--6.71 km² (2.59 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 5.32 m³/s (188 ft³/s) July 1, 1963, gage height, 3.69 m (12.12 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1953	/ /53	≤0.01 (≤.5)	--	--	--
1954	08/29/54	1.13 (40)	--	3.46 (11.34)	--
1955	05/26/55	.06 (2)	--	2.80 (9.20)	--
1956	/ /56	≤0.01 (≤.5)	--	--	--
1957	/ /57	≤0.01 (≤.5)	--	--	--
1958	/ /58	≤0.01 (≤.5)	--	--	--
1959	08/21/59	.28 (10)	--	3.19 (10.47)	--
1960	06/27/60	4.67 (165)	--	3.67 (12.03)	--
1961	07/19/61	.34 (12)	--	3.24 (10.62)	--
1962	06/11/62	2.69 (95)	--	3.58 (11.73)	--
1963	07/13/63	5.32 (188)	--	3.69 (12.12)	--
1964	/ /64	≤0.01 (≤.5)	--	--	--
1965	06/25/65	.88 (31)	--	3.42 (11.22)	--
1966	03/10/66	.57 (20)	2	3.40 (11.17)	1
1967	06/15/67	.74 (26)	--	3.39 (11.11)	--
1968	/ /68	≤0.01 (≤.5)	--	--	--
1969	/ /69	≤0.01 (≤.5)	--	--	--
1970	/ /70	≤0.01 (≤.5)	--	--	--
1971	07/04/71	≤0.01 (≤.5)	--	2.90 (9.50)	--
1972	/ /72	≤0.01 (≤.5)	--	--	--
1973	/ /73	≤0.01 (≤.5)	--	--	--
1974	/ /74	≤0.01 (≤.5)	--	--	--
1975	04/04/75	.17 (6)	--	3.13 (10.28)	--
1976	/ /76	≤0.01 (≤.5)	--	--	--
1977	05/06/77	.45 (16)	--	3.29 (10.80)	--
1978	03/20/78	≤0.01 (≤.5)	--	2.84 (9.32)	--

06445560 CHADRON CREEK AT CHADRON STATE PARK NEAR CHADRON, NE

LOCATION.--Lat 42°42'27", long 103°00'33", in SE1/4 NE1/4 sec.36, T.32 N., R.49 W., Dawes County, Hydrologic Unit 10150003, on left downstream wingwall of concrete culvert on gravel road, 30.5 m (100 ft) south of entrance to Chadron State Park, 61 m (200 ft) from U.S. Highway 385, 13 km (8 mi) south of Chadron.

DRAINAGE AREA.--39.9 km² (15.4 mi²).

PERIOD OF RECORD.-- 1953 to 1978 (discontinued).

GAGE.--A 1950 College Park-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). On May 3, 1963, the gage was moved from the left downstream to the right downstream wingwall. No datum change. On May 28, 1964, the gage was moved back to the left downstream wingwall. No datum change.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 77.6 m³/s (2,740 ft³/s) June 11, 1962, gage height 4.41 m (14.47 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	07/16/53	3.77	(133)	--	3.25	(10.66)	--
1954	08/29/54	45.6	(1610)	--	4.18	(13.72)	--
1955	05/16/55	20.2	(714)	--	3.96	(13.00)	--
1956	09/28/56	.03	(1)	--	2.79	(9.16)	--
1957	05/24/57	1.78	(63)	--	3.15	(10.33)	--
1958	07/12/58	3.96	(140)	--	3.26	(10.69)	--
1959	05/26/59	9.57	(338)	--	3.54	(11.60)	--
1960	06/27/60	57.2	(2020)	--	4.28	(14.05)	--
1961	07/17/61	.62	(22)	--	3.01	(9.88)	--
1962	06/11/62	77.6	(2740)	--	4.41	(14.47)	--
1963	07/13/63	14.6	(515)	--	3.78	(12.41)	--
1964	03/31/64	.06	(2)	2	2.39	(7.84)	--
1965	06/25/65	4.25	(150)	--	3.27	(10.73)	--
1966	03/10/66	.85	(30)	2	--	--	--
1967	06/15/67	11.9	(420)	--	3.65	(11.97)	--
1968	06/04/68	1.56	(55)	--	3.13	(10.27)	--
1969	07/18/69	2.35	(83)	--	3.18	(10.43)	--
1970	05/20/70	.03	(1)	--	2.55	(8.37)	--
1971	07/04/71	5.86	(207)	--	3.35	(11.00)	--
1972	05/05/72	.03	(1)	--	2.55	(8.38)	--
1973	09/12/73	.28	(10)	2	--	--	--
1974	04/15/74	.06	(2)	--	2.55	(8.38)	--
1975	04/04/75	.23	(8)	2	--	--	--
1976	12/29/75	.06	(2)	--	2.54	(8.33)	--
1977	05/06/77	.08	(3)	--	3.04	(9.98)	--
1978	03/10/78	.06	(2)	--	2.54	(8.34)	--

06445590 BIG BORDEAUX CREEK NEAR CHADRON, NE

LOCATION.--Lat 42°43'30", long 102°55'44", in NW1/4 NW1/4 sec.26, T.32 N., R.48 W., Dawes County, Hydrologic Unit 10140201, Nebraska National Forest-Pine Ridge Division, on right bank 6.7 km (4.2 mi) northeast of Chadron State Park headquarters and 13 km (8 mi) southeast of Chadron.

DRAINAGE AREA.--24.4 km² (9.42 mi²).

PERIOD OF RECORD.--1969 to 1979 (discontinued).

GAGE.--A water-stage recorder. Altitude of gage is 1,158 m (3,800 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 161 m³/s (5,670 ft³/s) May 6, 1977, gage height, 3.66 m (12.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1969	07/20/69	11.3	(400)	--	1.49	(4.89)	--
1970	04/12/70	0.08	(3)	--	0.51	(1.68)	2
1971	07/04/71	2.69	(95)	--	1.10	(3.60)	--
1972	02/19/72	.17	(6)	--	.60	(1.98)	2
1973	04/10/73	.08	(3)	--	.49	(1.62)	2
1974	04/12/74	.11	(4)	--	.53	(1.74)	2
1975	07/22/75	.23	(8)	--	.64	(2.11)	2
1976	12/27/75	.06	(2)	--	.48	(1.59)	2
1977	05/06/77	161	(5670)	--	3.66	(12.00)	--
1978	03/18/78	.14	(5)	--	1.70	(5.56)	1
1979	07/24/79	.57	(20)	--	.76	(2.51)	--

06453400 PONCA CREEK NEAR NAPER, NE

LOCATION.--Lat 41°01'45", long 99°05'59", in SE1/4 SE1/4 sec.22, T.95 N., R.70 W., Gregory County, South Dakota on right bank 21.3 m (70 ft) upstream from highway bridge, 3.5 km (2.2 mi) north of and 9.7 km (6.0 mi) upstream from South Dakota-Nebraska State line, 6.8 km (4.2 mi) south of St. Charles, SD, and 8 km (5 mi) north of Naper, NE.

DRAINAGE AREA.--966 km² (373 mi²).

PERIOD OF RECORD.--1961 to 1974 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 549.14 m (1,801.64 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80.4 m³/s (2,840 ft³/s) July 2, 1962, gage height 3.73 m (12.24 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	06/10/61	2.94 (104)	--	0.90 (2.96)	2
1962	07/02/62	80.4 (2840)	--	3.73 (12.24)	--
1963	07/10/63	22.3 (788)	--	1.99 (6.52)	--
1964	05/03/64	18.7 (660)	--	1.80 (5.92)	--
1965	06/12/65	9.01 (318)	--	1.32 (4.32)	--
1966	03/12/66	28.3 (1000)	2	2.63 (8.63)	2
1967	06/10/67	36.8 (1300)	--	2.46 (8.06)	--
1968	06/24/68	45.6 (1610)	--	2.76 (9.06)	--
1969	04/02/69	54.4 (1920)	--	3.33 (10.93)	--
1970	04/27/70	6.29 (222)	3	1.18 (3.88)	--
1971	03/14/71	43.9 (1550)	--	2.69 (8.82)	--
1972	05/01/72	17.4 (615)	--	1.75 (5.74)	--
1973	02/25/73	22.7 (800)	2	-- --	--
1974	06/10/74	7.70 (272)	--	1.16 (3.80)	2

06453500 PONCA CREEK AT ANOKA, NE

LOCATION.--Lat 42°56'34", long 98°50'25", in NE1/4 sec.9, T.34 N., R.13 W., Boyd County, Hydrologic Unit 10150001, at left downstream end of bridge on State Highway 11, 0.8 km (0.5 mi) southwest of Anoka, 0.8 km (0.5 mi) upstream from Dry Creek, and at kilometer 83.8 (mile 52.1).

DRAINAGE AREA.--1308 km² (505 mi²).

PERIOD OF RECORD.--1949 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 496.8 m (1,630 ft) above sea level (from topographic map). Prior to Sept. 13, 1950, nonrecording gage and Sept. 13, 1950, to Oct. 8, 1984, water-stage recorder for stages above 0.12 m (0.4 ft) and nonrecording gage read daily at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 278 m³/s (9,810 ft³/s) Mar. 27, 1960, gage height 5.14 m (16.86 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1949	04/06/49	26.3	(930)	--	1.66	(5.45)	--
1950	04/02/50	191	(6770)	--	4.57	(15.00)	--
1951	06/25/51	75.0	(2650)	--	3.06	(10.03)	--
1952	03/31/52	83.3	(2940)	--	2.81	(9.23)	--
1953	03/18/53	25.1	(888)	--	1.70	(5.57)	2
1954	06/20/54	58.9	(2080)	--	2.27	(7.44)	--
1955	03/11/55	45.3	(1600)	2	--	--	2
1956	03/18/56	16.5	(582)	--	1.41	(4.62)	2
1957	05/25/57	63.2	(2230)	--	2.66	(8.73)	--
1958	07/31/58	26.8	(948)	--	1.74	(5.72)	2
1959	07/17/59	54.7	(1930)	--	2.34	(7.68)	--
1960	03/27/60	278	(9810)	--	5.14	(16.86)	--
1961	08/18/61	156	(5510)	--	3.90	(12.78)	--
1962	05/29/62	137	(4720)	--	3.45	(11.33)	--
1963	07/05/63	26.3	(928)	--	1.73	(5.67)	--
1964	05/03/64	122	(4310)	--	3.30	(10.81)	--
1965	06/11/65	25.1	(888)	--	1.66	(5.43)	--
1966	03/12/66	46.4	(1640)	--	1.95	(6.41)	--
1967	06/19/67	101	(3560)	--	3.04	(9.96)	--
1968	06/25/68	39.1	(1380)	--	2.03	(6.67)	--
1969	04/01/69	75.0	(2650)	--	2.97	(9.74)	--
1970	04/24/70	16.1	(568)	--	1.45	(4.77)	--
1971	03/29/71	51.2	(1810)	--	2.32	(7.62)	--
1972	05/13/72	50.1	(1770)	--	2.26	(7.41)	--
1973	02/24/73	29.5	(1040)	--	1.84	(6.03)	2
1974	06/10/74	18.5	(654)	--	1.50	(4.92)	2
1975	04/08/75	5.30	(187)	--	1.02	(3.34)	2
1976	05/24/76	2.24	(79)	--	0.86	(2.83)	2
1977	08/09/77	35.1	(1240)	--	1.95	(6.39)	--
1978	03/21/78	105	(3700)	--	3.23	(10.59)	--
1979	03/19/79	8.33	(294)	--	1.20	(3.93)	--
1980	04/04/80	1.47	(52)	--	.76	(2.49)	2

06453500 PONCA CREEK AT ANOKA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/20/81	5.38	(190)	--	1.07	(3.50)	--
1982	06/14/82	47.3	(1670)	--	2.25	(7.37)	--
1983	08/02/83	45.3	(1600)	--	2.20	(7.23)	--
1984	08/20/84	32.9	(1160)	--	1.82	(5.97)	--
1985	03/07/85	13.5	(478)	--	1.39	(4.57)	--
1986	09/18/86	74.2	(2620)	--	2.38	(7.81)	2
1987	04/06/87	33.7	(1190)	--	1.97	(6.46)	--
1988	05/25/88	24.0	(849)	--	1.64	(5.37)	2
1989	03/12/89	8.21	(290)	--	1.44	(4.73)	1, 2
1990	06/03/90	12.0	(423)	--	1.25	(4.09)	--
1991	06/01/91	28.0	(990)	--	1.76	(5.77)	2
1992	07/12/92	179	(6310)	--	4.05	(13.29)	--
1993	07/17/93	128	(4530)	--	3.71	(12.16)	--

06453550 PONCA CREEK AT LYNCH, NE

LOCATION.--Lat 42°49'39", long 98°28'30", in NW1/4 NW1/4 NE1/4 sec.22, T.33 N., R.10 W., Boyd County, Hydrologic Unit 1050001, near left bank at left upstream end of bridge on State Highway 12, at west edge of Lynch and 2.1 km (1.3 mi) upstream from Whiskey Creek.

DRAINAGE AREA.--1,305 km² (504 mi²).

PERIOD OF RECORD.--1961 to 1964 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 423.67 m (1,390 ft) above sea level (from topographic map.)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166 m³/s (5,860 ft³/s) Mar. 28, 1962, gage height, 3.70 m (12.13 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	08/18/61	96.0 (3390)	--	3.19 (10.48)	--
1962	03/28/62	166 (5860)	--	3.70 (12.13)	2
1963	07/27/63	52.1 (1840)	--	2.46 (8.07)	--
1964	06/16/64	158 (5590)	--	3.79 (12.43)	--

06453600 PONCA CREEK AT VERDEL, NE

LOCATION.--Lat 42°48'40", long 98°10'35", in NE1/4 NE1/4 sec.30, T.33 N., R.7 W., Knox County, Hydrologic Unit 10150001, near right bank at right downstream end of bridge on State Highway 12, .97 km (0.6 mi) east of Verdel and 5.0 km (3.1 mi) upstream from mouth.

DRAINAGE AREA.--2103 km² (812 mi²).

PERIOD OF RECORD.--1958 to current year.

GAGE.--Water-stage recorder and nonrecording gage read once daily. Datum of gage 375.79 m (1,232.9 ft) above sea level (Nebraska Department of Roads reference marks). See WSP 1917 for history of changes prior to Nov. 15, 1952.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 445 m³/s (15,700 ft³/s) Mar. 27, 1960, gage height, 4.60 m (15.10 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1958	07/08/58	51.0	(1800)	--	2.04	(6.70)	--
1959	05/31/59	27.9	(984)	--	1.67	(5.49)	--
1960	03/27/60	445	(15700)	--	4.60	(15.10)	--
1961	08/18/61	74.8	(2640)	--	2.27	(7.45)	3
1962	06/18/62	167	(5900)	2	--	--	--
1963	07/27/63	58.3	(2060)	--	1.48	(4.84)	2
1964	06/17/64	286	(10100)	--	3.89	(12.75)	--
1965	06/04/65	23.8	(840)	--	1.18	(3.86)	--
1966	03/10/66	53.8	(1900)	2	2.38	(7.80)	1
1967	06/15/67	102	(3590)	--	2.31	(7.59)	--
1968	06/25/68	32.6	(1150)	--	1.36	(4.47)	--
1969	04/02/69	116	(4080)	--	2.46	(8.08)	2
1970	06/12/70	29.7	(1050)	--	1.28	(4.21)	2
1971	03/30/71	49.0	(1730)	--	1.50	(4.91)	2
1972	05/14/72	56.1	(1980)	--	1.75	(5.74)	2
1973	05/28/73	36.3	(1280)	--	1.46	(4.80)	2
1974	06/10/74	21.2	(750)	--	1.25	(4.10)	2
1975	06/20/75	10.9	(385)	--	1.00	(3.28)	2
1976	03/15/76	6.80	(240)	--	0.89	(2.91)	2
1977	08/09/77	49.0	(1730)	--	2.22	(7.29)	--
1978	03/21/78	153	(5400)	--	3.40	(11.15)	--
1979	03/17/79	11.3	(400)	--	1.08	(3.54)	--
1980	04/04/80	4.02	(142)	--	.68	(2.24)	2
1981	06/21/81	2.07	(73)	--	.57	(1.88)	2
1982	02/23/82	49.0	(1730)	--	--	--	--
1983	05/02/83	65.7	(2320)	--	2.29	(7.50)	--
1984	06/06/84	90.3	(3190)	--	3.09	(10.14)	--
1985	03/05/85	23.4	(827)	--	1.64	(5.38)	--
1986	09/20/86	81.8	(2890)	--	2.95	(9.67)	2
1987	04/05/87	52.1	(1840)	--	2.36	(7.75)	--
1988	03/04/88	56.6	(2000)	--	3.43	(11.27)	1
1989	09/26/89	21.3	(753)	--	1.84	(6.04)	2
1990	06/04/90	10.8	(381)	--	1.55	(5.08)	2
1991	06/02/91	30.6	(1080)	--	2.04	(6.69)	--
1992	07/12/92	120	(4220)	--	3.36	(11.03)	--
1993	07/14/93	207	(7310)	--	4.47	(14.66)	2

06454000 NIOBRARA RIVER AT WYOMING-NEBRASKA STATE LINE

LOCATION.--Lat 42°39'33", long 104°03'54", in SE1/4SW1/4 sec.15, T.31 N., R.60 W., Niobrara County, Wyoming, Hydrologic Unit 10150002, on left bank 0.3 km (0.2 mi) downstream from Van Tassel Creek, 0.5 km (0.3 mi) upstream from Wyoming-Nebraska State line, 3 mi east of Van Tassel, WY, and at kilometer 576.3 (mile 358.1).

DRAINAGE AREA.--1178 km² (455 mi²), approximately.

PERIOD OF RECORD.--1956 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1428.81 m (4,687.70 ft) above sea level.

REMARKS.--Diversion for irrigation of about 19.02 km² (4,700 acres) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 60.0 m³/s (2,120 ft³/s) Aug. 16, 1977, gage height, 2.52 m (8.28 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1956	02/24/56	0.60	(21)	--	0.56	(1.83)	--
1957	07/13/57	6.23	(220)	--	1.24	(4.07)	--
1958	03/23/58	1.47	(52)	--	.69	(2.27)	2
1959	06/21/59	3.96	(140)	--	1.02	(3.35)	--
1960	03/19/60	9.12	(322)	--	1.48	(4.86)	2
1961	04/17/61	.34	(12)	--	.47	(1.54)	2
1962	06/17/62	13.2	(465)	--	1.78	(5.84)	--
1963	01/31/63	5.66	(200)	2	--	--	2
1964	08/21/64	.94	(33)	--	.57	(1.87)	2
1965	07/27/65	5.24	(185)	--	1.15	(3.77)	--
1966	03/18/66	.31	(11)	--	.44	(1.43)	2
1967	10/14/66	1.50	(53)	--	.72	(2.36)	2
1968	10/01/67	.40	(14)	--	.53	(1.73)	2
1969	07/17/69	22.7	(800)	--	2.11	(6.92)	--
1970	04/18/70	1.50	(53)	--	.75	(2.45)	2
1971	06/01/71	.68	(24)	5	.60	(1.98)	2
1972	02/27/72	14.2	(500)	5	1.80	(5.89)	--
1973	02/24/73	2.41	(85)	5	.86	(2.81)	2
1974	01/16/74	17.1	(605)	5	1.91	(6.28)	--
1975	04/13/75	1.16	(41)	5	.70	(2.30)	2
1976	06/14/76	.74	(26)	5	.71	(2.32)	2
1977	08/16/77	60.0	(2120)	5	2.52	(8.28)	--
1978	03/13/78	.34	(12)	5	.50	(1.63)	2
1979	03/07/79	.14	(5)	5	.42	(1.38)	2
1980	03/20/80	1.44	(51)	5	.78	(2.55)	2
1981	08/06/81	4.39	(155)	5	1.17	(3.83)	--
1982	05/15/82	.23	(8)	5	.58	(1.90)	2
1983	10/09/82	2.69	(95)	5	1.02	(3.33)	2
1984	05/02/84	1.53	(54)	5	.83	(2.71)	2
1985	03/20/85	.99	(35)	5	.71	(2.33)	2
1986	08/06/86	0.85	(30)	5	0.70	(2.28)	2
1987	03/25/87	2.27	(80)	5	1.00	(3.28)	--
1988	04/01/88	.54	(19)	5	.64	(2.10)	2
1989	03/14/89	.68	(24)	5	.80	(2.61)	2
1990	03/15/90	.28	(10)	5	.59	(1.95)	2

06454000 NIOBRARA RIVER AT WYOMING-NEBRASKA STATE LINE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1991	05/27/91	0.57 (20)	5	1.23 (4.05)	--
1992	03/14/92	.17 (6)	5	0.65 (2.13)	2
1993	03/24/93	.45 (16)	5	.66 (2.17)	2

06454100 NIOBRARA RIVER AT AGATE, NE

LOCATION.--Lat 42°25'22", long 103°47'28", in SW1/4 sec.6, T.28 N., R.55 W., Sioux County, Hydrologic Unit 10150002, on right bank 3 m (10 ft) upstream from 54-in (137 cm) culvert, 91 m (300 ft) upstream from bridge on State Highway 29, 0.3 km (0.2 mi) northwest of Agate, and 23.3 km (14.5 mi) upstream from Whistle Creek and at kilometer 504 (mile 313).

DRAINAGE AREA.--2,180 km² (840 mi²)..

PERIOD OF RECORD.--1958 to 1992 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 1,342.64 m (4,405 ft) above sea level (from topographic map). Prior to 1982 water year elevation published as 1,353.31 m (4,440 ft) above sea level. Prior to Nov. 3, 1960, nonrecording gage at present site and datum.

REMARKS.--Divisions for irrigation of about 27.11 km² (6,700 acres) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5.13 m³/s (181 ft³/s) June 23, 1959, gage height, 1.52 m (5.00 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1958	07/19/58	1.70 (60)	5	1.04 (3.40)	--
1959	06/23/59	5.13 (181)	5	1.52 (5.00)	--
1960	03/11/60	3.77 (133)	5	1.35 (4.42)	--
1961	03/18/61	0.94 (33)	5	0.90 (2.94)	2
1962	03/22/62	1.78 (63)	5	1.04 (3.42)	--
1963	02/04/63	3.65 (129)	5	1.33 (4.37)	--
1964	04/22/64	.96 (34)	5	.90 (2.97)	--
1965	05/23/65	1.27 (45)	5	.98 (3.21)	--
1966	03/12/66	1.10 (39)	5	.97 (3.19)	--
1967	06/18/67	3.46 (122)	5	1.42 (4.65)	--
1968	04/11/68	1.13 (40)	5	.97 (3.19)	--
1969	03/20/69	2.04 (72)	5	1.11 (3.65)	--
1970	01/28/70	1.22 (43)	5	.97 (3.19)	--
1971	03/14/71	3.99 (141)	5	1.37 (4.50)	--
1972	03/02/72	2.72 (96)	5	1.29 (4.24)	--
1973	03/24/73	1.30 (46)	5	1.07 (3.52)	--
1974	03/05/74	2.15 (76)	5	1.22 (4.00)	--
1975	04/09/75	1.64 (58)	5	1.12 (3.67)	--
1976	03/16/76	.76 (27)	5	.91 (2.98)	--
1977	03/24/77	1.19 (42)	5	1.06 (3.47)	--
1978	07/21/78	1.78 (62)	5	1.13 (3.70)	--
1979	03/12/79	1.19 (42)	5	1.03 (3.37)	--
1980	02/25/80	1.87 (66)	5, B	--	--
1981	02/16/81	.82 (29)	5	.93 (3.06)	--
1982	08/08/82	1.16 (41)	5	.99 (3.26)	--
1983	05/18/83	.79 (28)	5	.96 (3.16)	--
1984	05/02/84	1.67 (59)	5	1.17 (3.84)	--
1985	03/09/85	.94 (33)	5	.99 (3.24)	--
1986	02/27/86	2.27 (80)	5	1.26 (4.13)	--
1987	03/21/87	.82 (29)	5	1.25 (4.11)	--
1988	03/24/88	2.10 (74)	5	1.69 (5.55)	--
1989	03/13/89	.99 (35)	5	1.33 (4.37)	--
1990	03/15/90	.91 (32)	5	1.30 (4.28)	--
1991	05/12/91	2.63 (93)	5	1.86 (6.09)	--
1992	03/05/92	.57 (20)	5	1.11 (3.65)	--

06454400 NIOBRARA RIVER TRIBUTARY NEAR BELMONT, NE

LOCATION.--Lat 42°36'16", long 103°22'31", in SE1/4SW1/4 sec.25, T.30 N., R.52 W., Dawes County, Hydrologic Unit 10150002, 16.1 km (10 mi) south on Nebraska Highway 2 from intersection of U.S. Highway 20 and Nebraska Highway 2 at the southeast edge of Crawford, 1.1 km (0.7 mi) the south of Belmont road from Highway 2 and 1.9 km (1.2 mi) southwest of Belmont and 12.1 km (7.5 mi) northwest of Marsland. The gage is near the upstream end of the culvert.

DRAINAGE AREA.--6.71 km² (2.59 mi²).

PERIOD OF RECORD.--1971 to 1978 (discontinued).

GAGE.--A College Park-type crest-stage gage. Lowest recording stage is 3.35 m (11.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 0.48 m³/s (17.0 ft³/s) Aug. 8, 1977, gage height, 3.74 m (12.27 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/01/71	0.31	(11)	--	3.61	(11.83)	--
1972	05/26/72	.23	(8)	--	3.54	(11.63)	--
1973	09/23/73	.20	(7)	--	3.50	(11.47)	--
1974	07/20/74	.34	(12)	--	3.63	(11.90)	--
1975	06/18/75	.26	(9)	--	3.57	(11.70)	--
1976	/ /76	≤.01	(≤.5)	--	--	--	--
1977	08/08/77	.48	(17)	--	3.74	(12.27)	--
1978	03/09/78	.26	(9)	--	3.56	(11.68)	--

06454500 NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR, NE

LOCATION.--Lat 42°27'35", long 103°10'15", in NE1/4 sec.27, T.29 N., R.50 W., Dawes County, Hydrologic Unit 10150002, on right bank 1.6 km (1 mi) upstream from high-water line of Box Butte Reservoir 9.7 km (6 mi) east of Marsland and at kilometer 555 (mile 345).

DRAINAGE AREA.--3,630 km² (1,400 mi²), approximately.

PERIOD OF RECORD.--1947 to current year.

GAGE.--Water-stage recorder. Concrete control since Oct. 12, 1953. Datum of gage is 1223.00 m (4,012.47 ft) above sea level. Prior to Nov. 27, 1949, nonrecording gage at present site and datum.

REMARKS.--Diversions for irrigation of about 51.8 km² (12,800 acres) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 140 m³/s (4,950 ft³/s) July 28, 1951, gage height, 3.14 m (10.30 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/17/47	9.91	(350)	2, 5	--	--	--
1948	06/17/48	7.93	(280)	5	1.99	(6.54)	--
1949	03/08/49	4.59	(162)	5	1.80	(5.90)	--
1950	05/05/50	3.94	(139)	5	1.63	(5.36)	2
1951	07/28/51	140	(4950)	5	3.14	(10.30)	--
1952	08/21/52	13.8	(487)	5	2.40	(7.88)	--
1953	03/14/53	3.31	(117)	5	1.53	(5.02)	2
1954	06/28/54	6.12	(216)	5	2.04	(6.69)	--
1955	06/16/55	3.03	(107)	5	1.47	(4.82)	2
1956	05/27/56	2.32	(82)	5	1.29	(4.22)	2
1957	06/10/57	9.68	(342)	5	2.31	(7.59)	--
1958	07/12/58	5.78	(204)	5	2.01	(6.60)	--
1959	06/25/59	3.85	(136)	5	1.57	(5.15)	--
1960	03/19/60	5.89	(208)	5	2.03	(6.66)	--
1961	07/28/61	25.2	(891)	5	2.52	(8.27)	--
1962	05/27/62	7.42	(262)	5	2.21	(7.25)	--
1963	04/01/63	3.14	(111)	5	1.40	(4.58)	2
1964	05/09/64	3.09	(109)	5	1.37	(4.48)	2
1965	06/25/65	4.05	(143)	5	1.62	(5.33)	--
1966	03/15/66	3.37	(119)	5	1.43	(4.70)	2
1967	06/06/67	67.7	(2390)	5	2.81	(9.22)	--
1968	04/11/68	4.25	(150)	5	1.40	(4.58)	2
1969	03/17/69	6.63	(234)	5	1.53	(5.03)	--
1970	04/25/70	3.20	(113)	5	1.25	(4.11)	--
1971	03/28/71	7.64	(270)	5	1.58	(5.20)	--
1972	07/16/72	17.6	(623)	5	2.05	(6.72)	--
1973	03/22/73	3.00	(106)	5	1.34	(4.41)	2
1974	08/23/74	4.62	(163)	5	1.40	(4.61)	--
1975	04/10/75	4.50	(159)	5	1.43	(4.68)	2
1976	02/21/76	2.04	(72)	5	1.17	(3.83)	2
1977	08/17/77	16.6	(585)	5	2.29	(7.52)	--
1978	03/19/78	3.60	(127)	5	1.44	(4.72)	2
1979	07/30/79	4.53	(160)	5	1.58	(5.18)	2
1980	02/21/80	4.28	(151)	5	1.54	(5.06)	2

06454500 NIOBRARA RIVER ABOVE BOX BUTTE RESERVOIR, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i>		<i>Discharge</i>	<i>Gage Height</i>		<i>Gage Height</i>
		<i>m³/s</i>	<i>(ft³/s)</i>	<i>Code</i>	<i>m</i>	<i>(ft)</i>	<i>Code</i>
1981	08/22/81	5.10	(180)	5	1.67	(5.48)	--
1982	06/06/82	5.13	(181)	5	1.67	(5.49)	--
1983	07/22/83	3.31	(117)	5	1.34	(4.40)	2
1984	05/03/84	2.01	(71)	5	1.13	(3.70)	2
1985	08/01/85	12.0	(456)	5	1.98	(6.49)	--
1986	02/27/86	3.23	(114)	5	1.28	(4.20)	2
1987	03/21/87	1.78	963)	5	1.14	(3.73)	2
1988	03/26/88	2.52	(89)	5	1.26	(4.12)	2
1989	03/12/89	1.67	(59)	5	1.12	(3.69)	2
1990	04/22/90	1.95	(69)	5	1.18	(3.88)	--
1991	05/12/91	19.8	(698)	5	2.41	(7.90)	--
1992	03/08/92	1.39	(49)	5	1.10	(3.60)	2
1993	03/29/93	2.07	(73)	5	1.18	(3.88)	2

***06455500 NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR, NE**

LOCATION.--Lat 42°27'25", long 103°04'05", in SE1/4 sec.28, T.29 N., R.49 W., Dawes County, Hydrologic Unit 10150003, on right bank 0.3 km (0.2 mi) downstream from Box Butte Reservoir and 14.5 km (9 mi) north of Hemingford and at kilometer 544 (mile 338).

DRAINAGE AREA.--3,780 km² (1,460 mi²).

PERIOD OF RECORD.--1947 to current year.

GAGE.--Water-stage recorder. Concrete control since Apr. 11, 1953. Datum of gage is 1203.98 m (3,950.08 ft) above sea level.

REMARKS.--Flow completely regulated by Box Butte Reservoir (station 06455000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17.4 m³/s (616 ft³/s) July 2, 1968, gage height 1.54 m (5.04 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i>		<i>Discharge</i>	<i>Gage Height</i>		<i>Gage Height</i>
		<i>m³/s</i>	<i>(ft³/s)</i>	<i>Code</i>	<i>m</i>	<i>(ft)</i>	<i>Code</i>
1947	08/09/47	3.62	(128)	6	1.01	(3.30)	--
1948	06/03/48	4.70	(166)	6	1.04	(3.41)	--
1949	08/14/49	6.57	(232)	6	1.02	(3.35)	--
1950	06/13/50	5.01	(177)	6	1.02	(3.36)	--
1951	07/28/51	5.30	(187)	6	1.01	(3.31)	--
1952	06/15/52	5.41	(191)	6	1.01	(3.32)	--
1953	07/15/53	4.84	(171)	6	1.30	(4.26)	--
1954	07/13/54	5.81	(205)	6	1.34	(4.38)	--
1955	07/17/55	5.27	(186)	6	1.33	(4.35)	--
1956	07/12/56	4.48	(158)	6	1.29	(4.24)	--
1957	07/20/57	5.52	(195)	6	1.32	(4.33)	--
1958	07/29/58	5.83	(206)	6	1.34	(4.39)	--
1959	07/28/59	5.86	(207)	6	1.34	(4.39)	--
1960	07/19/60	5.10	(180)	6	1.31	(4.30)	--
1961	07/07/61	0.45	(164)	6	1.30	(4.28)	--
1962	08/18/62	5.69	(201)	6	1.33	(4.37)	--
1963	07/07/63	6.14	(217)	6	1.35	(4.42)	--
1964	07/19/64	5.69	(201)	6	1.33	(4.37)	--
1965	07/18/65	5.69	(201)	6	1.33	(4.37)	--
1966	07/13/66	6.14	(217)	6	1.35	(4.42)	--
1967	07/26/67	6.32	(223)	6	1.35	(4.44)	--
1968	07/02/68	17.4	(616)	6	1.54	(5.04)	--
1969	09/12/69	8.84	(312)	6	1.41	(4.64)	--
1970	07/11/70	6.40	(226)	6	1.35	(4.42)	--
1971	07/15/71	5.86	(207)	6	1.32	(4.34)	--
1972	07/16/72	6.03	(213)	6	1.32	(4.32)	--
1973	07/13/73	6.32	(223)	6	1.37	(4.50)	--
1974	07/11/74	6.03	(213)	6	1.35	(4.42)	--
1975	07/21/75	5.86	(207)	6	1.34	(4.39)	--
1976	07/12/76	6.32	(223)	6	1.37	(4.49)	--
1977	07/01/77	5.69	(201)	6	1.33	(4.37)	--
1978	07/17/78	6.32	(223)	6	1.35	(4.44)	--
1979	07/12/79	5.69	(201)	6	1.34	(4.38)	--
1980	07/08/80	6.14	(217)	6	1.34	(4.39)	--

***06455500 NIOBRARA RIVER BELOW BOX BUTTE RESERVOIR, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/04/81	6.32	(223)	6	1.35	(4.42)	--
1982	07/18/82	5.49	(194)	6	1.36	(4.45)	--
1983	08/15/83	5.86	(207)	6	1.35	(4.42)	--
1984	07/20/84	6.23	(220)	6	1.36	(4.47)	--
1985	06/24/85	4.79	(169)	6	1.30	(4.28)	--
1986	07/28/86	5.10	(180)	6	1.54	(5.04)	--
1987	07/02/87	6.68	(236)	6	1.38	(4.52)	--
1988	07/26/88	4.79	(169)	6	1.32	(4.32)	--
1989	07/09/89	5.61	(198)	6	1.32	(4.33)	--
1990	07/11/90	4.33	(153)	6	1.28	(4.21)	--
1991	07/16/91	5.27	(186)	6	1.31	(4.31)	--
1992	08/11/92	4.79	(169)	6	1.29	(4.22)	--
1993	07/24/93	5.18	(183)	6	1.30	(4.26)	--

06455900 NIOBRARA RIVER NEAR DUNLAP, NE

LOCATION.--Lat 42°27'45", long 102°55'25", in SE1/4 NW1/4 sec.26, T.29 N., R.48 W., Dawes County, Hydrologic Unit 10150003, at diversion dam 305 m (1000 ft) upstream from Cottonwood Creek and 4.0 km (2.5 mi) east of Dunlap.

DRAINAGE AREA.--4,090 km² (1,580 mi²).

PERIOD OF RECORD.--1931-42 (published as "at Dunlap"), 1962 to 1971 (discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 1,180 m (3,870 ft) above sea level (from topographic map). Prior to Nov. 17, 1936, nonrecording gage on downstream side of highway, 0.5 km (0.3 mi) upstream, and Nov. 17, 1936, to Sept. 30, 1942, water-stage recorder 0.8 km (0.5 mi) upstream, both at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 91.5 m³/s (3,230 ft³/s) July 30, 1962.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1931	08/06/31	10.6	(374)	5	--	--	--
1932	05/06/32	25.2	(890)	5	--	--	--
1933	08/26/33	36.0	(1270)	5	--	--	--
1934	08/16/34	33.1	(1170)	5	--	--	--
1935	06/17/35	8.72	(308)	5	--	--	--
1936	03/06/36	3.48	(123)	5	--	--	--
1937	09/04/37	81.8	(2890)	5	--	--	--
1938	08/27/38	14.0	(496)	5	--	--	--
1939	08/01/39	10.5	(372)	5	--	--	--
1940	03/21/40	4.53	(160)	5	--	--	2
1941	06/28/41	48..1	(1700)	5	--	--	--
1942	05/13/42	73.6	(2600)	5	--	--	--
1962	07/30/62	91.5	(3230)	6	--	--	--
1963	07/05/63	6.17	(218)	1, 6	--	--	--
1964	07/22/64	5.35	(189)	1, 6	--	--	--
1965	07/18/65	6.03	(213)	1, 6	--	--	--
1966	07/14/66	5.61	(198)	1, 6	--	--	--
1967	07/27/67	5.86	(207)	1, 6	--	--	--
1968	07/15/68	5.89	(208)	1, 6	--	--	--
1969	08/13/69	6.20	(219)	1, 6	--	--	--
1970	07/08/70	6.32	(223)	1, 6	--	--	--
1971	07/16/71	5.69	(201)	1, 6	--	--	--

06456200 PEBBLE CREEK NEAR ESTHER, NE

LOCATION.--Lat 42°35'38", long 103°03'55", in NW1/4NW1/4 sec.10, T.30 N., R.49 W., Dawes County, Hydrologic Unit 10150003, on post in creek channel 8 km (5 mi) west from U.S. Highway 385 at Esther (former post office) and 1.9 km (1.2 mi) south from schoolhouse. The site is 22.5 km (14 mile) south on Highway 385 from the junction with U.S. Highway 20 west of Chadron, 8 km (5 mi) west, then 4.7 km (2.9 miles) south. Gage is located 91 m (300 ft) east or downstream from present bridge over Pebble Creek.

DRAINAGE AREA.--7.95 km² (3.07 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--A 1950 College Park-type crest-stage gage. Originally on left downstream wingwall of the existing bridge. The gage was damaged in the fall of 1950 and was replaced by a new gage on March 23, 1960. The original datum was maintained. The original gage covered a range of 3.05 m to 6.02 m (10.00 ft to 19.75 ft). The gage installed on 3-23-60 covered a range of 2.90 to 5.34 m (9.50 to 17.52 ft). The bridge, gage, all previously established reference marks were destroyed during April 1964. A new road and bridge were built about 91 m (300 ft) upstream from the former bridge. A temporary gage was installed at the new bridge on May, 5 1964 and was left there until Aug. 12, 1964. There was no flow during the period April to August 12, 1964. On Aug. 12, 1964 a new gage was installed and mounted on a post in the streambed and was located about 6.1 m (20 ft) downstream from the former bridge and 91 m (300 ft) downstream from the present bridge. The past datum could not be recovered but approximate point of zero flow was used to set the new gage close to the original datum. This is estimated to be within 0.1 m (0.3 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 56.6 m³/s (2,000 ft³/s) July 28, 1953, gage height 5.69 m (18.67 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	07/28/53	56.6 (2000)	--	5.69 (18.67)	--
1954	05/22/54	4.81 (170)	--	3.72 (12.19)	--
1955	05/26/55	0.51 (18)	--	3.37 (11.07)	--
1956	/ /56	≤.01 (≤.5)	--	-- --	--
1957	07/20/57	1.36 (48)	--	3.53 (11.57)	--
1958	07/09/58	.40 (14)	--	3.34 (10.95)	--
1959	/ /59	≤.01 (≤.5)	--	-- --	--
1960	08/25/60	5.24 (185)	--	3.73 (12.25)	--
1961	/ /61	≤.01 (≤.5)	--	-- --	--
1962	07/12/62	7.50 (265)	--	3.86 (12.68)	--
1963	02/03/63	1.22 (43)	--	3.52 (11.55)	--
1964	/ /64	≤.01 (≤.5)	--	-- --	--
1965	06/25/65	.82 (29)	--	3.46 (11.34)	--
1966	03/10/66	.34 (12)	--	3.32 (10.90)	--
1967	06/06/67	.28 (10)	--	3.29 (10.78)	--
1968	/ /68	≤.01 (≤.5)	--	-- --	--
1969	/ /69	≤.01 (≤.5)	--	-- --	--
1970	/ /70	≤.01 (≤.5)	--	-- --	--
1971	03/27/71	.88 (31)	--	3.47 (11.37)	--
1972	07/30/72	.34 (12)	--	3.32 (10.89)	--
1973	/ /73	≤.01 (≤.5)	--	-- --	--
1974	01/18/74	.91 (3)	--	3.20 (10.51)	--
1975	/ /75	≤.01 (≤.5)	--	-- --	--
1976	/ /76	≤.01 (≤.5)	--	-- --	--
1977	/ /77	≤.01 (≤.5)	--	-- --	--
1978	03/10/78	.57 (20)	--	3.38 (11.08)	--

06456300 PEBBLE CREEK NEAR DUNLAP, NE

LOCATION.--Lat 42°29'47", long 102°58'35", in SW1/4 SE1/4 sec.8, T.29 N., R.48 W., Dawes County, Hydrologic Unit 10150003, on tree 30.5 m (100 ft) upstream from east-west gravel road, 0.5 km (0.3 mi) west of U.S. Highway 385, 0.5 km (0.3 mi) upstream from site of C-1, and 5 km (3 mi) northwest of Dunlap.

DRAINAGE AREA.--60.9 km² (23.5 mi²).

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 93.5 m³/s (3,300 ft³/s) June 25, 1965, gage height, 3.97 m (13.03 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	07/28/53	77.6	(2740)	--	3.93	(12.88)	--
1954	06/27/54	3.40	(120)	--	3.30	(10.84)	--
1955	05/17/55	8.78	(310)	--	3.55	(11.65)	--
1956	06/01/56	≤.01	(≤.5)	--	2.79	(9.14)	--
1957	05/20/57	11.6	(410)	--	3.60	(11.82)	--
1958	/ /58	≤.01	(≤.5)	--	2.80	(9.20)	--
1959	09/18/59	≤.01	(≤.5)	--	2.80	(9.18)	--
1960	03/18/60	15.6	(550)	--	3.65	(11.98)	--
1961	08/13/61	.03	(1)	--	3.11	(10.20)	--
1962	07/12/62	13.2	(465)	--	3.62	(11.89)	--
1963	06/14/63	.06	(2)	--	3.14	(10.30)	--
1964	04/15/64	≤.01	(≤.5)	2			
1965	06/25/65	93.5	(3300)	--	3.97	(13.03)	--
1966	03/10/66	.42	(15)	2	3.69	(12.10)	1
1967	06/06/67	7.65	(270)	--	3.52	(11.56)	--
1968	06/11/68	.03	(1)	--	3.11	(10.21)	--
1969	03/28/69	≤.01	(≤.5)	--	3.28	(10.76)	--
1970	05/20/70	≤.01	(≤.5)	--	3.20	(10.49)	--

06456400 COTTONWOOD CREEK NEAR DUNLAP, NE

LOCATION.--Lat 42°29'29", long 102°58'08", in SW1/4 NW1/4 sec.16, T.29 N., R.48 W., Dawes County, Hydrologic Unit 10150003, on right downstream side of concrete deck bridge on State Highway 385, 3.2 km(2 mi) northwest of Dunlap, 5 km (3 mi) north at Niobrara River bridge.

DRAINAGE AREA.--213 km² (82.2 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). Prior to Sept 4, 1953, lowest recording stage was 2.92 m (9.58 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 306 m³/s (10,800 ft³/s) June 17, 1948.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 796 m³/s (28,100 ft³/s) July 28, 1951, gage height, 6.13 m (20.10 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	06/17/48	306 (10800)	7	--	--
1951	07/28/51	796 (28100)	--	6.13 (20.10)	--
1952	1 /52	0.03 (1)	--	2.91 (9.55)	--
1953	07/28/53	43.6 (1540)	--	4.14 (13.60)	--
1954	05/22/54	74.8 (2640)	--	4.37 (14.33)	--
1955	05/17/55	12.5 (440)	--	3.74 (12.28)	--
1956	07/05/56	1.42 (50)	--	3.35 (11.00)	--
1957	05/20/57	16.1 (570)	--	3.82 (12.52)	--
1958	07/09/58	2.27 (80)	--	3.42 (11.21)	--
1959	05/13/59	0.03 (1)	--	3.14 (10.29)	1
1960	08/25/60	95.4 (3370)	--	4.48 (14.70)	--
1961	07/19/61	.20 (7)	--	3.19 (10.47)	--
1962	07/12/62	21.2 (750)	--	3.90 (12.78)	--
1963	02/03/63	.14 (5)	2	--	4
1964	04/08/64	.11 (4)	2	2.84 (9.30)	--
1965	06/25/65	124 (4380)	--	4.62 (15.15)	--
1966	03/10/66	.71 (25)	2	3.76 (12.35)	1
1967	07/14/67	1.87 (66)	2	3.68 (12.06)	--
1968	06/05/68	.71 (25)	2	3.60 (11.80)	--
1969	03/28/69	≤.01 (≤.5)	--	2.96 (9.71)	--
1970	05/20/70	≤.01 (≤.5)	--	3.24 (10.63)	--
1971	03/27/71	0.03 (1)	--	3.23 (10.60)	--
1972	06/16/72	.08 (3)	--	3.50 (11.49)	--
1973	05/27/73	.06 (2)	--	3.45 (11.32)	--
1974	04/11/74	.06 (2)	--	3.45 (11.32)	--
1975	03/16/75	0.03 (1)	--	2.20 (7.21)	2
1976	02/03/76	0.03 (1)	--	2.30 (7.53)	--
1977	05/26/77	.14 (5)	--	2.92 (9.58)	--
1978	03/09/78	.06 (2)	4	2.54 (8.35)	--

06456500 NIOBRARA RIVER NEAR HAY SPRINGS, NE

LOCATION.--Lat 42°29'00", long 102°41'40", in NW1/4 sec.22, T.29 N., R.46 W., Sheridan County, Hydrologic Unit 10150003, on left bank about 6.10 m (20 ft) downstream from bridge on Highway 87, 22.5 km (14 mi) south of Hay Springs, Sheridan County, and about 6.4 km (4 mi) upstream from Box Butte Creek.

PERIOD OF RECORD.--1950 to 1964 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,134.90 m (3,723.42 ft) above sea level. Prior to July 31, 1951, at site 152 m (500 ft) upstream at datum 0.46 m (1.5 ft) higher.

REMARKS.--Flow regulated by Box Butte Reservoir (06455000). Major part of release from reservoir diverted 19.3 km (12 mi) upstream for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 208 m³/s (7,330 ft³/s) July 28, 1951.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	08/25/50	47.9	(1690)	6	--	--	--
1951	07/28/51	208	(7330)	6	--	--	--
1952	03/29/52	12.9	(455)	6	0.80	(2.63)	2
1953	07/29/53	14.5	(511)	6	.86	(2.83)	--
1954	05/23/54	32.9	(1160)	6	1.12	(3.68)	--
1955	06/27/55	15.8	(559)	6	.87	(2.87)	--
1956	07/03/56	3.99	(141)	6	.65	(2.13)	2
1957	05/20/57	76.2	(2690)	6	1.48	(4.87)	--
1958	06/02/58	27.3	(964)	6	.96	(3.15)	--
1959	06/29/59	3.91	(138)	6	.57	(1.86)	2
1960	08/24/60	64.0	(2260)	6	1.25	(4.10)	2
1961	09/22/61	2.94	(104)	6	.46	(1.50)	2
1962	07/31/62	67.4	(2380)	6	1.29	(4.23)	--
1963	08/26/63	40.5	(1430)	6	1.04	(3.42)	--
1964	07/29/64	4.30	(152)	6	.54	(1.76)	2

06457100 POINT OF ROCKS CREEK NEAR MARSLAND, NE

LOCATION.--Lat 42°16'57", long 103°18'23", in SE1/4SE1/4 sec.30, T.27 N., R.51 W., Box Butte County, Hydrologic Unit 10150003, at upstream end of 1.2 m (4 ft) concrete box culvert under a graveled Federal aid secondary road, 17.4 km (10.8 mi) south of Marsland and 4.5 km (2.8 mi) south of consolidated school which is located at the southwest intersection of Highways 2 and 71 which is about 13 km (8 mi) south of Marsland.

DRAINAGE AREA.--18.4 km² (7.10 mi²).

PERIOD OF RECORD.--1970 to 1978 (discontinued).

GAGE.--A College Park-type crest-stage gage. Lowest recording stage is 3.51 m (11.5 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 0.34 m³/s (12.12 ft³/s) sometime during water year 1977.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1970	/ /70	≤0.01	(≤.5)	--	--	--	--
1971	/ /71	≤0.01	(≤.5)	--	--	--	--
1972	/ /72	≤0.01	(≤.5)	--	--	--	--
1973	/ /73	≤0.01	(≤.5)	--	--	--	--
1974	/ /74	≤0.01	(≤.5)	--	--	--	--
1975	06/19/75	--	--	--	3.41	(11.2)	--
1976	07/02/76	--	--	--	3.63	(11.9)	--
1977	/ /77	--	--	--	3.69	(12.1)	--
1978	/ /78	≤0.01	(≤.5)	--	--	--	--

06457200 BERE A CREEK NEAR ALLIANCE, NE

LOCATION.--Lat 42°08'20", long 102°52'41", in NE1/4SE1/4 sec.14, T.25 N., R.48 W., Box Butte County, Hydrologic Unit 10150003, on county road right-of-way 4.7 km (2.9 mi) north of the junction of Emerson Street and Third Street (3rd) in Alliance. Third street is U.S. Highway 385 and State Highway 2.

DRAINAGE AREA.--83.7 km² (32.3 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). Elevation of the streambed at the gage is 1,204 m (3,950 ft) above sea level (from topographic map). Prior to Apr. 19, 1971, gage located 1.93 km (1.2 mi) downstream.

REMARKS.--The 5.5 foot (1.67 m) diameter C.M.P. culvert, 15.3 m (50.2 ft) long, is the control up to a full barrel stage at the upstream end. The road fill will act as a weir when the stage is above 4.48 m (14.71 ft). Complete submergence of the culvert and road fill or failure of the road fill might introduce channel control.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3.68 m³/s (130 ft³/s) May. 26, 1977, gage height 4.13 m (13.55 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	08/18/53	1.78	(63)	--	--	--	--
1954	05/16/54	0.03	(1)	--	--	--	--
1955	05/26/55	.54	(19)	--	--	--	--
1956	07/02/56	2.18	(77)	--	--	--	--
1957	05/19/57	1.08	(38)	--	--	--	--
1958	06/08/58	2.89	(102)	--	--	--	--
1959	09/24/59	.99	(35)	--	--	--	--
1960	03/18/60	3.03	(107)	--	--	--	--
1961	05/31/61	.65	(23)	--	--	--	--
1962	06/15/62	1.33	(47)	--	--	--	--
1963	05/30/63	1.70	(60)	--	--	--	--
1964	07/26/64	.42	(15)	2	--	--	--
1965	05/22/65	2.27	(80)	2	--	--	--
1966	03/10/66	.08	(3)	2	--	--	--
1967	06/14/67	1.98	(70)	2	--	--	--
1968	07/26/68	≤.01	(≤.5)	--	--	--	--
1969	/ /69	≤.01	(≤.5)	--	--	--	--
1970	/ /70	≤.01	(≤.5)	--	--	--	--
1971	06/02/71	1.30	(46)	--	3.37	(11.07)	--
1972	05/10/72	.91	(32)	--	3.25	(10.67)	--
1973	05/06/73	.17	(6)	--	3.03	(9.93)	--
1974	/ /74	≤.01	(≤.5)	--	--	--	--
1975	/ /75	≤.01	(≤.5)	--	--	--	--
1976	/ /76	≤.01	(≤.5)	--	--	--	--
1977	05/26/77	3.68	(130)	--	4.13	(13.55)	--
1978	03/10/78	3.54	(125)	--	4.24	(13.90)	--

***06457500 NIOBRARA RIVER NEAR GORDON, NE**

LOCATION.--Lat 42°38'00", long 102°12'40", in NE1/4 sec.26, T.31 N., R.42 W., Sheridan County, Hydrologic Unit 10150003, on left bank 76.2 m (250 ft) upstream from bridge on State Highway 27, 6.4 km (4 mi) downstream from Rush Creek, and 17.7 km (11 mi) south of Gordon and at kilometer 451 (mile 280).

DRAINAGE AREA.--11,110 km² (4,290 mi²).

PERIOD OF RECORD.--1929-32, 1946 to current year. Monthly discharge only for some periods, published in WSP 1309.

GAGE.--Water-stage recorder. Datum of gage is 1046.22 m (3,432.49 ft) above sea level. Aug. 24, 1928, to June 30, 1932, nonrecording gage at bridge 6.4 km (4 mi) downstream at different datum. Dec. 3, 1945, to Mar. 24, 1970, water-stage recorder at datum 0.6 m (2.0 ft) higher, Mar. 25, 1970, to July 28, 1982, at datum 0.3 m (1.0 ft) higher.

REMARKS.--Natural flow of stream affected by storage in Box Butte Reservoir (station 06455000) for irrigation of Mirage Flats project and return flow from irrigated land.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 259 m³/s (9,130 ft³/s) May 21, 1962, gage height, 1.90 m (6.25 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1929	06/02/29	34.8 (1230)	5	--	--
1930	05/11/30	24.6 (869)	5	--	--
1931	04/01/31	34.6 (1220)	5	--	--
1932	05/06/32	74.5 (2630)	5	--	--
1946	09/18/46	101 (3550)	6	1.46 (4.79)	--
1947	06/18/47	57.8 (2040)	6	1.25 (4.11)	--
1948	06/17/48	153 (5410)	6	1.67 (5.47)	--
1949	02/26/49	70.0 (2470)	6	1.25 (4.09)	--
1950	08/26/50	48.7 (1720)	6	1.20 (3.94)	--
1951	07/28/51	168 (5940)	6	1.77 (5.81)	--
1952	03/29/52	10.7 (378)	6	0.88 (2.88)	2
1953	07/29/53	20.5 (723)	6	.87 (2.84)	2
1954	05/23/54	17.8 (627)	6	1.02 (3.33)	2
1955	03/06/55	15.5 (546)	6	.87 (2.86)	2
1956	03/25/56	5.72 (202)	6	.72 (2.37)	2
1957	05/20/57	71.6 (2530)	6	1.28 (4.20)	--
1958	06/02/58	14.6 (516)	6	.83 (2.72)	2
1959	05/05/59	10.3 (365)	6	.76 (2.48)	2
1960	08/25/60	66.0 (2330)	6	1.02 (3.36)	2
1961	05/14/61	9.46 (334)	6	.64 (2.10)	2
1962	05/21/62	259 (9130)	6	1.90 (6.25)	--
1963	08/27/63	53.0 (1870)	6	.94 (3.09)	--
1964	06/08/64	7.59 (268)	6	.64 (2.12)	2
1965	07/18/65	79.9 (2820)	6	1.08 (3.55)	2
1966	03/13/66	8.78 (310)	2, 6	.36 (1.19)	2
1967	06/10/67	118 (4160)	6	1.29 (4.23)	--
1968	06/09/68	29.2 (1030)	6	.74 (2.44)	2
1969	07/21/69	45.9 (1620)	6	.80 (2.64)	--
1970	07/13/70	11.6 (410)	6	.52 (1.69)	2

***06457500 NIOBRARA RIVER NEAR GORDON, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	05/07/71	11.9	(420)	6	0.52	(1.68)	2
1972	04/27/72	7.28	(257)	6	.46	(1.50)	2
1973	04/30/73	10.4	(366)	6	.44	(1.46)	2
1974	02/09/74	9.18	(324)	6	.40	(1.31)	2
1975	02/25/75	7.87	(278)	6	.38	(1.26)	2
1976	03/12/76	6.71	(237)	6	.38	(1.24)	2
1977	05/08/77	24.9	(878)	6	.58	(1.92)	--
1978	05/29/78	28.0	(990)	6	.47	(1.54)	2
1979	08/20/79	19.8	(700)	6	.40	(1.30)	2
1980	02/22/80	25.8	(910)	6	.54	(1.77)	2
1981	08/17/81	22.7	(801)	6	.41	(1.36)	2
1982	06/05/82	143	(5060)	6	1.00	(3.28)	--
1983	06/22/83	25.7	(906)	6	.75	(2.46)	--
1984	06/04/84	91.4	(3230)	6	1.11	(3.64)	--
1985	05/13/85	5.95	(210)	6	.56	(1.82)	--
1986	06/10/86	9.94	(351)	6	.63	(2.07)	2
1987	05/04/87	9.43	(333)	6	.61	(2.00)	2
1988	05/02/88	10.8	(380)	6	.58	(1.92)	2
1989	09/20/89	9.94	(351)	6	.59	(1.95)	2
1990	06/01/90	83.5	(2950)	6	1.01	(3.31)	--
1991	06/10/91	9.68	(342)	6	.62	(2.03)	2
1992	07/29/92	14.5	(512)	6	.66	(2.15)	--
1993	03/08/93	16.4	(580)	6	.60	(1.97)	--

06457700 ANTELOPE CREEK AT GORDON, NEBR.

LOCATION.--Lat 42°48'24", long 102°12'15", in NE1/4 SE1/4 sec.25, T.33 N., R.42 W., Sheridan County, Hydrologic Unit 10150003, on right upstream side of concrete arch culvert south at Community Building on Oak Street between 3rd and 14th streets in Gordon.

DRAINAGE AREA.--158 km² (61.1 mi²).

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 12.6 m³/s (444 ft³/s) May 24, 1958, gage height, 5.44 m (17.86 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	07/29/53	1.33	(47)	--	3.38	(11.09)	--
1954	07/19/54	1.81	(64)	--	3.46	(11.36)	--
1955	03/09/55	6.23	(220)	--	4.25	(13.95)	1
1956	07/02/56	0.62	(22)	--	3.18	(10.43)	--
1957	07/28/57	1.08	(38)	--	3.32	(10.90)	--
1958	05/24/58	12.6	(444)	--	5.44	(17.86)	--
1959	05/04/59	.48	(17)	--	3.14	(10.29)	--
1960	03/18/60	10.8	(380)	--	4.75	(15.57)	--
1961	08/12/61	1.19	(42)	--	3.35	(11.00)	--
1962	06/12/62	9.86	(348)	--	4.45	(14.60)	--
1963	06/15/63	6.97	(246)	--	3.93	(12.90)	--
1964	06/17/64	1.98	(70)	--	3.50	(11.49)	--
1965	07/25/65	2.46	(87)	--	3.56	(11.67)	--
1966	03/15/66	.57	(20)	2	3.73	(12.23)	1
1967	06/11/67	5.55	(196)	--	3.80	(12.45)	--
1968	06/05/68	3.85	(136)	--	3.69	(12.10)	--
1969	04/10/69	≤.01	(≤.5)	--	3.15	(10.32)	--
1970	06/12/70	.57	(20)	--	3.37	(11.07)	--

06457800 ANTELOPE CREEK TRIBUTARY NEAR GORDON, NE

LOCATION.--Lat 42°49'57", long 102°12'09", in SW1/4SW1/4 sec.18, T.33 N., R.41 W., Sheridan County, Hydrologic Unit 10140201, on 3-span concrete bridge on State Highway 27, 0.5 km (0.3 mi) north at cross road 3.2 km (2.0 mi) north of Gordon and 4.0 km (2.5 mi) north of U.S. Highway 20.

DRAINAGE AREA.--68.9 km² (26.6 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--A 1950 College Park-type crest-stage gage. Lowest recording stage is 3.11 m (10.2 ft). Elevation of the streambed at the gage is 1,203.96 m (3,950 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 53.8 m³/s (1,900 ft³/s) June 17, 1955, gage height, 5.09 m (16.69 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	07/29/53	1.42	(50)	--	3.18	(10.44)	--
1954	08/29/54	0.08	(3)	--	2.87	(9.42)	--
1955	06/17/55	53.8	(1900)	--	5.09	(16.69)	--
1956	/ /56	≤.01	(≤.5)	--	--	--	--
1957	07/28/57	35.1	(1240)	--	4.60	(15.09)	--
1958	05/24/58	2.69	(95)	--	3.33	(10.93)	--
1959	/ /59	≤.01	(≤.5)	--	--	--	--
1960	03/18/60	44.2	(1560)	--	4.83	(15.85)	--
1961	/ /61	≤.01	(≤.5)	--	--	--	--
1962	06/12/62	35.7	(1260)	--	4.62	(15.15)	--
1963	/ /63	≤.01	(≤.5)	--	--	--	--
1964	/ /64	≤.01	(≤.5)	--	--	--	--
1965	/ /65	≤.01	(≤.5)	--	--	--	--
1966	03/15/66	.03	(1)	2	--	--	--
1967	06/11/67	.42	(15)	--	3.16	(10.35)	--
1968	06/05/68	18.3	(647)	--	4.09	(13.42)	--
1969	/ /69	≤.01	(≤.5)	--	--	--	--
1970	/ /70	≤.01	(≤.5)	--	--	--	--
1971	/ /71	≤.01	(≤.5)	--	--	--	--
1972	/ /72	≤.01	(≤.5)	--	--	--	--
1973	01/18/73	.37	(13)	--	3.20	(10.50)	--
1974	02/10/74	.14	(5)	--	3.06	(10.03)	--
1975	/ /75	≤.01	(≤.5)	--	--	--	--
1976	08/02/76	45.6	(1610)	--	4.66	(15.28)	--
1977	/ /77	≤.01	(≤.5)	--	--	--	--
1978	03/18/78	20.7	(730)	--	4.15	(13.61)	--

06458500 BEAR CREEK NEAR ELI, NE

LOCATION.--Lat 42°54', long 101°31', in SW1/4 sec.24, T.34 N., R.36 W., Cherry County, Hydrologic Unit 10150003, on left bank, about 4.8 km (3.0 mi) south of Eli and 14.5 km (9.0 mi) upstream from mouth..

DRAINAGE AREA.--932 km² (360 mi²).

PERIOD OF RECORD.--1948 to 1953 (discontinued).

GAGE.--Staff gage read twice daily. Datum of gage is 947.93 m (3,110 ft) above sea level. Prior to Mar. 14, 1948, at site 0.80 km (0.50 mi) downstream at different datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 4.11 m³/s (145 ft³/s) May 20, 1951, gage height, 1.54 m (5.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	03/19/48	2.55 (90)	--	1.07 (3.50)	2
1949	03/28/49	1.44 (51)	--	0.74 (2.44)	2
1950	05/11/50	3.91 (138)	--	1.37 (4.48)	--
1951	05/20/51	4.11 (145)	--	1.54 (5.07)	--
1952	04/01/52	3.26 (115)	--	1.46 (4.80)	--
1953	03/16/53	3.60 (127)	--	1.49 (4.90)	2

06459000 NIOBRARA RIVER NEAR CODY, NE

LOCATION.--Lat 42°49'50", long 101°17'20", in NW1/4 NE1/4 sec.23, T.33 N., R.34 W., Cherry County, Hydrologic Unit 10150003, on Mogle Ranch, 2.25 km (1.4 mi) upstream from county bridge, about 8 km (5 mi) downstream from Bear Creek, and about 16.1 km (10 mi) south of Cody.

DRAINAGE AREA.--14,400 km² (5,570 mi²).

PERIOD OF RECORD.--1948 to 1957 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 849.48 m (2,787 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 118 m³/s (4,170 ft³/s) July 29, 1951, gage height, 1.90 m (6.22 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	06/18/48	105 (3700)	6	1.74 (5.70)	--
1949	02/27/49	64.3 (2270)	6	1.21 (3.96)	2
1950	08/27/50	66.8 (2360)	6	1.17 (3.84)	--
1951	07/29/51	118 (4170)	6	1.90 (6.22)	--
1952	03/30/52	32.3 (1140)	6	0.71 (2.33)	--
1953	07/30/53	26.8 (948)	6	.64 (2.10)	2
1954	07/20/54	45.0 (1590)	6	.91 (3.00)	--
1955	03/10/55	41.3 (1460)	6	.81 (2.66)	2
1956	08/08/56	27.4 (968)	6	.63 (2.08)	--
1957	05/21/57	89.5 (3160)	6	1.51 (4.96)	--

06459175 SNAKE RIVER AT DOUGHBOY, NE

LOCATION. --Lat 42°36'51", long 101°16'38", in NE1/4 NW1/4, sec.2, T.30 N., R.34 W., Cherry County, Hydrologic Unit 10150005, on left bank 6.4 m (21 ft) downstream from centerline of Doughboy bridge, 39 km (24 mi) southwest of Nenzel and at kilometer 45.1 (mile 28.0).

DRAINAGE AREA.--1049 km² (405 mi²), approximately, of which about 67 km² (26 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1982 to current year. Discharge measurements only, July 1963, April 1980, May-September 1981.

GAGE.--Water-stage recorder. Datum of gage is 944.25 m (3,097.92 ft) above sea level. Prior to Oct. 1, 1988, at datum 0.3 m (1.00 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10.4 m³/s (367 ft³/s) June 10, 1991, gage height, 0.57 m (1.88 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1982	08/18/82	10.1 (358)	--	0.56 (1.84)	2
1983	05/01/83	9.63 (340)	--	.53 (1.74)	--
1984	04/08/84	7.14 (252)	--	.47 (1.54)	2
1985	08/15/85	8.47 (299)	--	.42 (1.36)	2
1986	06/09/86	9.40 (332)	--	.43 (1.41)	2
1987	03/07/87	7.00 (247)	--	.32 (1.04)	--
1988	05/22/88	8.67 (306)	--	.31 (1.01)	2
1989	08/12/89	7.84 (277)	--	.56 (1.82)	2
1990	03/11/90	6.20 (219)	--	.47 (1.53)	--
1991	06/10/91	10.4 (367)	--	.57 (1.88)	2
1992	08/04/92	6.94 (245)	--	.44 (1.46)	--
1993	07/02/93	6.66 (235)	--	.42 (1.39)	2

06459200 SNAKE RIVER ABOVE MERRITT RESERVOIR, NE

LOCATION.--Lat 42°36'12", long 101°04'14", in NW1/4SW1/4 sec.3, T.30 N., R.32 W., Cherry County, Hydrologic Unit 10150005, on left bank 0.3 km (0.2 mi) south of Nebraska National Forest boundary fence, 4.2 km (2.6 mi) upstream from Shelbourn Bridge, 11.4 km (7.1 mi) southeast of headquarters for Nebraska National Forest (Niobrara Division), 20 km (12.4 mi) upstream from Boardman Creek, and 27.2 km (16.9 mi) upstream from Merritt Dam.

DRAINAGE AREA.--1,140 km² (440 mi²), approximately, of which about 73 km² (28 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1962 to 1981 (discontinued).

GAGE.--A water-stage recorder. Altitude of gage is 1,158 m (3,800 ft) above sea level (from topographic map). Prior to September 9, 1977, at site 3.9 km (2.4 mi) upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge since at least 1960, 23.2 m³/s (820 ft³/s) June 30, 1962.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1962	06/30/62	23.2	(820)	--	--	--	--
1963	06/15/63	11.2	(395)	--	0.48	(1.57)	2
1964	06/17/64	9.83	(347)	--	.44	(1.44)	--
1965	02/26/65	10.6	(376)	--	.45	(1.48)	--
1966	08/12/66	18.0	(637)	--	.74	(2.43)	2
1967	06/13/67	14.8	(524)	--	.80	(2.61)	2
1968	08/15/68	17.9	(632)	--	.99	(3.24)	2
1969	07/06/69	14.5	(512)	--	.91	(2.98)	2
1970	04/18/70	8.94	(316)	--	.83	(2.73)	2
1971	08/29/71	17.0	(600)	--	1.13	(3.70)	2
1972	06/16/72	11.4	(404)	--	1.02	(3.35)	2
1973	05/27/73	11.1	(393)	--	1.09	(3.58)	2
1974	04/11/74	12.1	(428)	--	1.14	(3.73)	2
1975	04/08/75	10.3	(362)	--	1.14	(3.73)	2
1976	07/03/76	12.9	(456)	--	1.25	(4.11)	2
1977	05/21/77	12.8	(452)	--	1.23	(4.04)	2
1978	05/28/78	15.5	(548)	--	.74	(2.41)	2
1979	08/20/79	9.68	(342)	--	.68	(2.23)	--
1980	04/09/80	12.2	(432)	--	.69	(2.26)	--
1981	07/17/81	11.6	(411)	--	.79	(2.60)	2

06459500 SNAKE RIVER NEAR BURGE, NE

LOCATION.--Lat 42°39'15", long 100°51'28", in NE1/4 sec.20, T.31 N., R.30 W., Cherry County, Hydrologic Unit 10150005, on right bank 45.7 m (150 ft) downstream from Nebraska National Forest boundary, 3.38 km (2.1 mi) downstream from Merritt Dam, 10.5 km (6.5 mi) southwest of Burge, 35.4 km (22 mi) southwest of Valentine, and at kilometer 19.6 (mile 12.2).

DRAINAGE AREA.--1,709 km² (660 mi²), approximately, of which about 114 km² (44 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 855.07 m (2,805.36 ft) above sea level (levels of Bureau of Reclamation).

REMARKS.--Natural flow affected since February 1964 by storage in Merritt Reservoir (station 06459300) 3.4 km (2.1 mi) upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 89.8 m³/s (3,170 ft³/s) Feb. 7, 1963, gage height, 2.12 m (6.96 ft) resulted from release of storage behind temporary construction dam.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1947	06/30/47	8.98 (317)	--	0.74 (2.42)	--
1948	09/23/48	10.8 (381)	--	.82 (2.69)	2
1949	02/26/49	12.8 (452)	--	.81 (2.67)	2
1950	10/10/49	12.5 (443)	--	.84 (2.74)	2
1951	03/08/51	14.4 (510)	--	.84 (2.77)	2
1952	05/16/52	12.3 (436)	--	.82 (2.69)	2
1953	03/12/53	16.0 (566)	--	.95 (3.11)	2
1954	05/30/54	12.6 (446)	--	.84 (2.75)	--
1955	05/26/55	16.3 (577)	--	.96 (3.16)	--
1956	08/03/56	13.9 (491)	--	.90 (2.95)	--
1957	05/16/57	12.3 (436)	--	.84 (2.75)	--
1958	04/02/58	14.2 (501)	--	.87 (2.84)	--
1959	03/20/59	11.2 (396)	--	.77 (2.53)	2
1960	05/07/60	14.0 (496)	--	.88 (2.90)	--
1961	05/14/61	12.6 (444)	--	.83 (2.73)	--
1962	06/30/62	51.8 (1830)	--	1.64 (5.39)	--
1963	02/07/63	89.8 (3170)	6	2.12 (6.96)	--
1964	04/28/64	15.4 (543)	6	.90 (2.94)	--
1965	09/23/65	11.9 (419)	6	.80 (2.61)	--
1966	10/03/65	12.7 (447)	6	.81 (2.65)	--
1967	06/14/67	18.9 (669)	6	.98 (3.21)	--
1968	08/27/68	25.3 (894)	6	1.03 (3.37)	--
1969	10/31/68	11.3 (400)	6	.76 (2.50)	--
1970	04/26/70	11.5 (405)	6	.76 (2.48)	--
1971	05/03/71	11.5 (406)	6	.77 (2.53)	--
1972	05/01/72	10.6 (374)	6	.74 (2.42)	--
1973	05/28/73	9.80 (346)	6	.71 (2.32)	--
1974	04/21/74	10.3 (362)	6	.70 (2.31)	--
1975	04/16/75	7.82 (276)	6	.65 (2.13)	--
1976	04/09/76	8.33 (294)	6	.66 (2.18)	2
1977	03/29/77	15.4 (545)	6	.85 (2.79)	--
1978	04/22/78	10.5 (370)	6	.71 (2.33)	2
1979	03/18/79	9.12 (322)	6	.69 (2.27)	--
1980	04/10/80	10.0 (353)	6	.72 (2.36)	--

06459500 SNAKE RIVER NEAR BURGE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i>		<i>Discharge</i>	<i>Gage Height</i>		<i>Gage Height</i>
		<i>m³/s</i>	<i>(ft³/s)</i>	<i>Code</i>	<i>m</i>	<i>(ft)</i>	<i>Code</i>
1981	05/21/81	6.91	(244)	6	0.62	(2.03)	--
1982	05/20/82	12.1	(426)	6	.77	(2.54)	--
1983	05/19/83	12.3	(434)	6	.80	(2.62)	--
1984	01/22/84	9.43	(333)	6	.66	(2.18)	--
1985	05/03/85	10.2	(362)	6	.70	(2.30)	--
1986	02/26/86	11.1	(393)	6	.71	(2.33)	--
1987	05/10/87	12.7	(450)	6	.75	(2.47)	--
1988	05/25/88	12.1	(429)	6	.77	(2.52)	--
1989	02/21/89	8.89	(314)	6	.65	(2.12)	--
1990	02/22/90	9.43	(333)	6	.66	(2.16)	--
1991	06/10/91	9.29	(328)	6	.66	(2.16)	--
1992	12/04/91	9.12	(322)	6	.64	(2.09)	--
1993	03/21/93	9.49	(335)	6	.65	(2.14)	--

06460900 MINNECHADUZA CREEK NEAR KILGORE, NE

LOCATION.--Lat 42°59'10", long 100°53'55", in NE1/4 NW1/4 sec.30, T.35 N., R.30 W., Cherry County, Hydrologic Unit 10150004, 244 m (800 ft) northeast of "Bud" Robinson ranch buildings, 0.3 km (0.2 mi) upstream from Spring Creek, 4.0 km (2.5 mi) downstream from South Dakota - Nebraska State line and 7.2 km (4.5 mi) northeast of Kilgore.

DRAINAGE AREA.--220 km² (85 mi²).

PERIOD OF RECORD.--1958 to 1974 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 844.3 km (2,770 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4.16 m³/s (147 ft³/s) June 8, 1968, gage height, 1.28 m (4.19 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1958	04/07/58	2.55 (90)	--	1.12 (3.68)	--
1959	03/21/59	1.25 (44)	--	0.75 (2.45)	2
1960	05/24/60	3.40 (120)	--	1.21 (3.96)	--
1961	05/06/61	1.13 (40)	--	.88 (2.90)	2
1962	06/17/62	3.65 (129)	--	1.23 (4.04)	2
1963	03/21/63	1.64 (58)	--	.92 (3.02)	--
1964	04/28/64	2.18 (77)	--	1.10 (3.62)	--
1965	06/11/65	1.47 (52)	--	.93 (3.06)	--
1966	04/23/66	1.19 (42)	--	.91 (2.98)	2
1967	06/15/67	3.65 (129)	--	1.23 (4.04)	--
1968	06/08/68	4.16 (147)	--	1.28 (4.19)	--
1969	03/18/69	1.78 (63)	--	1.27 (4.18)	--
1970	04/18/70	1.98 (70)	--	1.19 (3.91)	--
1971	04/20/71	2.21 (78)	--	1.33 (4.37)	1
1972	05/02/72	1.19 (42)	--	1.16 (3.82)	--
1973	02/28/73	0.71 (25)	--	1.13 (3.70)	2
1974	04/14/74	.51 (18)	--	1.08 (3.53)	2

06461000 MINNECHADUZA CREEK AT VALENTINE, NE

LOCATION.--Lat 42°53'10", long 100°33'10", in SW1/4 sec.30, T.34 N., R.27 W., Cherry County, Hydrologic Unit 10150004, on right bank 152 m (500 ft) downstream from powerplant in city park at north edge of Valentine and 8 km (5 mi) upstream from mouth.

DRAINAGE AREA.--1,010 km² (390 mi²), approximately, of which about 518 km² (200 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1948 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 752.86 m (2,470 ft) above sea level (from topographic map).

REMARKS.--Flow regulated by powerplant 152 m (500 ft) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 31.2 m³/s (1,100 ft³/s) Mar. 22, 1960, gage height, 2.44 m (8.00 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1948	03/20/48	3.96	(140)	6	0.87	(2.84)	2
1949	05/29/49	9.23	(326)	6	1.28	(4.21)	--
1950	03/26/50	5.27	(186)	6	.98	(3.21)	--
1951	08/01/51	6.82	(241)	6	1.22	(4.01)	--
1952	03/30/52	25.3	(894)	6	2.01	(6.58)	--
1953	03/14/53	8.89	(314)	6	1.28	(4.21)	--
1954	03/23/54	3.99	(141)	6	.87	(2.86)	2
1955	03/10/55	18.8	(663)	6	1.83	(5.99)	--
1956	03/05/56	4.81	(170)	6	.92	(3.03)	--
1957	04/12/57	4.11	(145)	6	.87	(2.86)	--
1958	04/29/58	4.33	(153)	6	.88	(2.91)	2
1959	11/01/58	4.36	(154)	6	.88	(2.91)	2
1960	03/22/60	31.2	(1100)	6	2.44	(8.00)	--
1961	06/08/61	8.69	(307)	6	1.11	(3.64)	--
1962	05/22/62	7.87	(278)	6	1.02	(3.34)	--
1963	09/02/63	4.90	(173)	6	.84	(2.77)	--
1964	08/21/64	4.59	(162)	6	.84	(2.74)	--
1965	05/15/65	3.85	(136)	6	.77	(2.54)	--
1966	09/02/66	5.69	(201)	6	.92	(3.03)	--
1967	06/17/67	4.48	(158)	6	.83	(2.72)	--
1968	06/30/68	13.3	(468)	6	1.38	(4.51)	--
1969	04/04/69	4.36	(154)	6	.78	(2.56)	--
1970	02/16/70	4.16	(147)	6	.76	(2.49)	2
1971	04/21/71	11.2	(394)	6	1.25	(4.09)	--
1972	05/14/72	4.14	(146)	6	.76	(2.51)	2
1973	08/31/73	4.64	(164)	6	.84	(2.74)	--
1974	01/11/74	4.84	(171)	6	.83	(2.72)	--
1975	04/08/75	4.08	(144)	6	.77	(2.52)	2
1976	10/14/75	3.82	(135)	6	.74	(2.44)	2
1977	03/26/77	10.7	(379)	6	1.23	(4.04)	--
1978	03/20/78	18.2	(641)	6	1.63	(5.35)	--
1979	06/27/79	6.12	(216)	6	.90	(2.97)	2
1980	03/03/80	4.19	(148)	6	.77	(2.53)	--

06461000 MINNECHADUZA CREEK AT VALENTINE, NE-Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/03/81	6.43	(227)	6	0.92	(3.03)	--
1982	02/22/82	7.42	(262)	6	1.02	(3.36)	--
1983	07/18/83	22.7	(800)	6	1.90	(6.24)	--
1984	04/08/84	6.06	(214)	6	.93	(3.05)	--
1985	03/02/85	3.96	(140)	6	.77	(2.55)	--
1986	03/24/86	5.86	(207)	6	.95	(3.12)	--
1987	03/23/87	5.58	(197)	6	.92	(3.01)	--
1988	05/05/88	4.11	(145)	6	.81	(2.67)	--
1989	09/04/89	2.92	(103)	6	.71	(2.33)	2
1990	05/26/90	22.3	(789)	6	1.88	(6.18)	--
1991	06/09/91	3.26	(115)	6	.76	(2.48)	--
1992	02/05/92	3.26	(115)	6	.75	(2.45)	2
1993	03/10/93	5.32	(188)	6	.89	(2.93)	--

06461300 BIG BEAVER CREEK NEAR VALENTINE, NE

LOCATION.--Lat 42°56'24", long 100°27'25", in SE1/4 SE1/4 sec.2, T.34 N., R.27 W., Cherry County, Hydrologic Unit 10150004, at triple 12'x8' (3.66 m x 2.44 m) concrete box culvert under Nebraska Highway 12, 12.2 km (7.6 mi) northeast of junction of Highway 83 and 12 in Valentine and 6.3 km (3.9 mi) northeast of Highway 12 bridge over Minnechaduzza Creek. The gage is 16.4 km (10.2 mi) west of Sparks.

DRAINAGE AREA.--64.5 km² (24.9 mi²).

PERIOD OF RECORD.--1971 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.20 m (10.5 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 3.26 m³/s (115 ft³/s) June 25, 1978, gage height, 4.18 m (13.72 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	05/22/71	0.68	(24)	--	3.49	(11.46)	--
1972	05/13/72	.20	(7)	--	3.30	(10.81)	2
1973	07/28/73	.57	(20)	--	3.45	(11.33)	--
1974	05/20/74	.65	(23)	--	3.48	(11.41)	--
1975	04/05/75	.68	(24)	2	3.49	(11.44)	1
1976	/ /76	≤.01	(≤.5)	--	--	--	--
1977	04/20/77	.20	(7)	--	3.30	(10.82)	--
1978	06/25/78	3.26	(115)	--	4.18	(13.72)	--

06461500 NIOBRARA RIVER NEAR SPARKS, NE

LOCATION.--Lat 42°54'10", long 100°21'40", in SE1/4 sec.22, T.34 N., R.26 W., Cherry County, Hydrologic Unit 10150004, on left bank 5.5 m (18 ft) downstream from highway bridge, 3.5 km (2.2 mi) downstream from Big Beaver Creek, 8.9 km (5.5 mi) downstream from Minnechadua Creek, 10.5 km (6.5 mi) southwest of Sparks, and at mile kilometer 550 (mile 342).

DRAINAGE AREA.--20,950 km² (8,090 mi²), approximately.

PERIOD OF RECORD.--1946 to current year. Monthly discharge only for some periods, published in WSP 1309.

GAGE.--Water-stage recorder and peak-stage indicator gage. Datum of gage is 696.95 m (2,286.57 ft) above sea level.

REMARKS.--Natural flow of stream affected by irrigation and power developments, storage in Box Butte Reservoir (station 06455000), and since May 1964 by storage in Merritt Reservoir (station 06459300).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 289 m³/s (10,200 ft³/s) Mar.5, 1949, gage height, 2.05 m (6.73 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	09/19/46	66.6	(2350)	6	1.32	(4.33)	--
1947	06/16/47	101	(3560)	6	1.45	(4.75)	2
1948	08/11/48	147	(5200)	6	1.59	(5.23)	--
1949	03/05/49	289	(10200)	6	2.05	(6.73)	--
1950	08/27/50	99.1	(3500)	6	1.38	(4.51)	--
1951	07/29/51	155	(5470)	6	1.61	(5.29)	--
1952	03/30/52	72.5	(2560)	6	1.25	(4.09)	2
1953	05/02/53	74.8	(2640)	6	1.26	(4.12)	2
1954	03/13/54	175	(6180)	6	1.66	(5.43)	--
1955	03/09/55	126	(4460)	6	1.52	(4.98)	--
1956	05/07/56	64.6	(2280)	6	--	--	2
1957	05/21/57	126	(4460)	6	1.48	(4.86)	--
1958	08/10/58	63.2	(2230)	6	1.16	(3.81)	2
1959	05/09/59	58.6	(2070)	6	1.16	(3.79)	2
1960	11/06/59	182	(6430)	6, 9	1.71	(5.60)	--
1961	12/05/60	79.3	(2800)	6, 9	1.32	(4.32)	1
1962	07/01/62	217	(7670)	6	1.83	(5.99)	2
1963	12/11/62	129	(4570)	6, 9	1.52	(4.97)	2
1964	12/21/63	211	(7440)	6, 9	1.80	(5.92)	--
1965	11/21/64	128	(4520)	6, 9	1.51	(4.95)	--
1966	03/11/66	170	(6000)	2, 6	2.07	(6.79)	1
1967	06/15/67	112	(3970)	6	1.44	(4.74)	--
1968	06/07/68	105	(3700)	6	1.44	(4.72)	--
1969	04/02/69	60.6	(2140)	6	1.17	(3.84)	2
1970	04/26/70	63.2	(2230)	6	3.95	(3.95)	2
1971	11/23/70	125	(4430)	6, 9	1.51	(4.94)	--
1972	11/01/71	52.4	(1850)	6	1.12	(3.67)	2
1973	12/03/72	87.8	(3100)	6	1.38	(4.53)	2
1974	10/04/73	50.1	(1770)	6	1.13	(3.70)	2
1975	07/31/75	63.7	(2250)	6	1.16	(3.81)	2

06461500 NIOBRARA RIVER NEAR SPARKS, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	02/09/76	51.8	(1830)	6	1.12	(3.66)	--
1977	03/12/77	92.9	(3280)	6	1.36	(4.45)	2
1978	05/31/78	62.0	(2190)	6	1.19	(3.90)	2
1979	04/12/79	54.7	(1930)	6	1.16	(3.80)	2
1980	03/19/80	59.2	(2090)	6	1.24	(4.06)	2
1981	11/26/80	63.2	(2230)	6	1.34	(4.39)	2
1982	06/06/82	135	(4780)	6	1.57	(5.14)	--
1983	07/17/83	128	(4520)	6	1.30	(4.25)	--
1984	06/06/84	60.0	(2120)	6	1.17	(3.83)	2
1985	01/03/85	56.6	(2000)	6	1.27	(4.18)	1
1986	02/27/86	44.2	(1560)	6	1.06	(3.49)	2
1987	03/24/87	43.0	(1520)	6	1.06	(3.47)	--
1988	05/26/88	51.8	(1830)	6	1.14	(3.75)	2
1989	03/09/89	85.0	(3000)	6	1.55	(5.09)	1, 2
1990	05/25/90	98.6	(3480)	6	1.38	(4.53)	--
1991	06/04/91	47.6	(1680)	6	1.09	(3.58)	2
1992	03/09/92	32.6	(1150)	6	0.94	(3.10)	2
1993	08/16/93	48.4	(1710)	6	1.10	(3.60)	2

06462000 NIOBRARA RIVER NEAR NORDEN, NE

LOCATION.--Lat 42°47'13", long 100°02'06", in N1/4SW1/4 sec.33, T.33 N., R.23 W., Keya Paha County, Hydrologic Unit 10150004, on left bank 18.3m (60 ft) downstream from county road bridge, 2.4 km (1.5 mi) downstream from Fairfield Creek, and 9.7 km (6 mi) south of Norden.

DRAINAGE AREA.--21,730 km² (8,390 mi²), approximately.

PERIOD OF RECORD.--1953-83, 1986 (discontinued).

GAGE.--A water-stage recorder. Datum of gage is 643.11 m (2,109.93 ft) above sea level.

REMARKS.--Flow affected by regulation at powerplants, diversions for irrigation, return flow from irrigated areas, storage in Box Butte Reservoir (station 06455000), and since May 1964 storage in Merritt Reservoir (station 06459300)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 272 m³/s (9,600 ft³/s) June 17, 1983, gage height, 2.68 m (8.79 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	06/20/53	83.2	(2940)	6	1.19	(3.92)	2
1954	03/14/54	86.7	(3060)	6, 9	1.59	(5.21)	--
1955	03/11/55	106	(3730)	6	1.34	(4.41)	2
1956	03/07/56	60.3	(2130)	6	1.10	(3.60)	--
1957	05/22/57	124	(4370)	6	1.41	(4.62)	2
1958	04/06/58	62.0	(2190)	6	1.06	(3.47)	2
1959	05/07/59	53.0	(1870)	6	0.98	(3.21)	2
1960	03/23/60	118	(4170)	6	1.70	(5.57)	2
1961	12/05/60	56.6	(2000)	2, 6, 9	1.85	(6.06)	1
1962	07/01/62	209	(7380)	6	2.16	(7.10)	1
1963	08/29/63	66.0	(2330)	6	1.35	(4.44)	2
1964	12/22/63	70.8	(2500)	2, 6, 9	1.61	(5.28)	1
1965	05/08/65	89.2	(3150)	6	1.54	(5.06)	2
1966	03/11/66	164	(5800)	2, 6	1.98	(6.50)	1
1967	06/15/67	101	(3560)	6	1.26	(4.15)	2
1968	06/07/68	94.0	(3320)	6	1.19	(3.91)	2
1969	08/19/69	113	(3990)	6	1.38	(4.52)	2
1970	04/26/70	48.1	(1700)	6	.70	(2.31)	2
1971	04/20/71	56.4	(1990)	6	.80	(2.64)	2
1972	04/30/72	43.0	(1520)	6	.68	(2.22)	2
1973	01/14/73	68.8	(2430)	6	.94	(3.08)	2
1974	01/16/74	51.0	(1800)	2, 6	--	--	2
1975	04/28/75	44.5	(1570)	6	.71	(2.32)	2
1976	02/10/76	46.2	(1630)	6	.71	(2.32)	2
1977	05/09/77	68.3	(2410)	6	.94	(3.06)	2
1978	05/31/78	53.2	(1880)	6	.76	(2.49)	2
1979	04/12/79	44.7	(1580)	6	.64	(2.09)	2
1980	02/24/80	53.8	(1900)	6	.97	(3.19)	2
1981	08/04/81	105	(3700)	6	1.53	(5.03)	--
1982	06/06/82	113	(4000)	6	1.54	(5.06)	2
1983	06/17/83	272	(9600)	6	2.68	(8.79)	--
1986	06/10/86	43.0	(1520)	6	.61	(1.99)	2

06462500 PLUM CREEK AT MEADVILLE, NE

LOCATION (REVISED).--Lat.42°45'13", long 99°51'49", in SW1/4 SE1/4 sec.11, T.32 N., R.22 W., Brown County, Hydrologic Unit 10150004, on right bank at county bridge, 1.0 km (0.6 mi) upstream from mouth, approximately 1.6 km (1 mi) southwest of Meadville, and 27.4 km (17 mi) north of Ainsworth.

DRAINAGE AREA.--1,554 km² (600 mi²), approximately, of which about 881 km² (340 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1948-75, 1977 to current year, Prior to October 1962, published as "near Meadville." (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 617.52 m (2,026 ft) above sea level (from topographic map). Prior to Nov. 25, 1962, at site 11.1 km (6.9 mi) upstream at different datum. Nov. 25, 1962, to Nov. 14, 1966 at datum 2.7 m (9.0 ft) higher; Nov. 15, 1966 to Oct. 2, 1979, at datum 2.44 m (8.0 ft higher). Oct. 3, 1979 to June 3, 1982, at datum 2.1 m (7.0 ft) higher; June 4, 1982 to Oct. 20, 1992, at datum 1.8 m (6.0 ft) higher; Oct. 21, 1992 to Aug. 25, 1993, at datum 1.5 m (5.0 ft) higher: all at site .64 km (0.4) mi upstream from county road bridge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 58.6 m³/s (2,070 ft³/s) Sept. 18, 1967, gage height, 1.52 m (4.98 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1948	04/25/48	9.62 (340)	6	-- --	2
1949	06/06/49	19.5 (690)	6	-- --	2
1950	05/08/50	16.1 (668)	6	-- --	--
1951	08/01/51	15.6 (550)	6	-- --	2
1952	05/25/52	23.2 (820)	6	-- --	--
1953	06/16/53	18.4 (650)	6	-- --	2
1954	05/06/54	10.6 (374)	6	-- --	2
1955	09/20/55	7.93 (280)	6	-- --	2
1956	05/03/56	4.16 (147)	6	-- --	2
1957	07/27/57	12.1 (428)	6	-- --	2
1958	04/08/58	17.2 (608)	6	-- --	2
1959	04/15/59	15.2 (538)	6	-- --	--
1960	05/07/60	17.0 (601)	6	-- --	2
1961	07/10/61	13.8 (487)	6	-- --	--
1962	07/01/62	58.3 (2060)	6	-- --	--
1963	07/27/63	13.9 (490)	--	1.43 (4.70)	2
1964	07/30/64	12.9 (455)	--	1.56 (5.13)	2
1965	06/13/65	5.89 (208)	--	1.44 (4.72)	2
1966	08/12/66	7.76 (274)	--	0.85 (2.80)	2
1967	09/18/67	58.6 (2070)	--	1.52 (4.98)	--
1968	04/23/68	8.24 (291)	--	1.04 (3.42)	2
1969	03/23/69	14.2 (500)	2	-- --	2
1970	04/25/70	8.75 (309)	--	1.35 (4.42)	2
1971	04/29/71	8.24 (291)	--	1.09 (3.58)	2
1972	02/16/72	11.4 (405)	--	.71 (2.33)	2
1973	05/31/73	9.43 (333)	--	.66 (2.17)	2
1974	03/03/74	6.23 (220)	--	.77 (2.53)	2
1975	04/08/75	4.70 (166)	--	.35 (1.16)	2
1977	05/09/77	21.5 (758)	--	.77 (2.53)	2
1978	04/20/78	12.9 (456)	--	.63 (2.07)	2
1979	04/15/79	6.57 (232)	--	.29 (0.96)	2
1980	04/06/80	9.52 (336)	--	-- --	--

06462500 PLUM CREEK AT MEADVILLE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/06/81	6.63	(234)	--	0.57	(1.87)	2
1982	05/23/82	14.9	(525)	--	.81	(2.65)	2
1983	06/30/83	43.0	(1520)	--	1.34	(4.38)	--
1984	04/08/84	35.1	(1240)	--	1.64	(5.38)	--
1985	08/12/85	14.1	(499)	--	1.39	(4.55)	--
1986	09/20/86	14.4	(510)	--	.62	(2.02)	2
1987	03/22/87	32.3	(1140)	--	1.33	(4.36)	--
1988	05/24/88	25.0	(882)	--	1.38	(4.51)	2
1989	08/13/89	4.33	(153)	--	.87	(2.85)	2
1990	12/23/89	--	--	--	1.18	(3.88)	1
1991	06/09/91	8.16	(288)	--	.49	(1.61)	2
1992	03/14/92	6.32	(223)	--	.43	(1.40)	--
1993	07/13/93	14.9	(527)	--	.94	(3.08)	2

06463080 LONG PINE CREEK NEAR LONG PINE, NE

LOCATION.--Lat 42°37'55", long 99°40'46", in SE1/4NE1/4 sec.29, T.31 N., R.20 W., Brown County, Hydrologic Unit 10150004, on right bank 7.9 km (4.9 mi) upstream from Bone Creek and 11.3 km (7.0 mi) north of Long Pine.

DRAINAGE AREA.--637 km² (246 mi²).

PERIOD OF RECORD.--1980 to 1991 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 633.98 m (2,080 ft) above sea level (from topographic map).

REMARKS.--Minor diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14.4 m³/s (507 ft³/s) July 16, 1983 and July 16, 1991, gage height for both times, 1.61 m (5.27 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1980	06/14/80	9.63 (340)	--	1.20 (3.95)	--
1981	08/05/81	11.2 (395)	--	1.34 (4.38)	--
1982	05/22/82	4.50 (159)	--	0.66 (2.16)	--
1983	07/16/83	14.4 (507)	--	1.61 (5.27)	--
1984	04/07/84	10.6 (375)	--	1.12 (3.66)	--
1985	07/18/85	4.87 (172)	--	.58 (1.92)	--
1986	09/20/86	12.7 (450)	--	1.43 (4.70)	--
1987	03/20/87	10.2 (360)	--	1.10 (3.61)	--
1988	05/03/88	11.2 (395)	--	1.09 (3.57)	--
1989	03/10/89	3.60 (127)	--	.39 (1.28)	--
1990	06/02/90	9.97 (352)	--	.94 (3.10)	--
1991	07/16/91	14.4 (507)	--	1.61 (5.27)	--

06463100 BONE CREEK TRIBUTARY NEAR AINSWORTH, NE

LOCATION.--Lat 42°34'30", long 99°55'50", in NW1/4 sec.17, T.30 N., R.22 W., Brown County, Hydrologic Unit 10150004, on north-south sanded road 4.8 km (3 mi) west on Highway 20 and 2.01 km (1.25 mi) north from Ainsworth.

DRAINAGE AREA.--1.01 km² (0.39 mi²).

PERIOD OF RECORD.--1956 to 1968 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). Prior to April 5, 1963, lowest recording stage was 2.90 m (9.5 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 10.2 m³/s (360 ft³/s) June 27, 1960, gage height, 3.61 m (11.85 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	06/06/56	0.08 (3)	--	3.18 (10.43)	--
1957	06/13/57	.08 (3)	--	3.16 (10.36)	--
1958	07/25/58	.65 (23)	--	3.33 (10.94)	--
1959	07/03/59	4.25 (150)	--	3.54 (11.61)	--
1960	06/27/60	10.2 (360)	--	3.61 (11.85)	--
1961	08/21/61	2.32 (82)	--	3.44 (11.30)	--
1962	08/01/62	8.50 (300)	--	3.59 (11.79)	--
1963	07/27/63	3.31 (117)	--	3.49 (11.46)	--
1964	07/03/64	.42 (15)	--	3.23 (10.59)	--
1965	05/15/65	.23 (8)	--	3.06 (10.03)	--
1966	08/12/66	.23 (8)	--	3.07 (10.06)	--
1967	09/17/67	9.54 (337)	--	3.60 (11.82)	--
1968	05/31/68	.31 (11)	--	3.11 (10.20)	--

06463200 BONE CREEK TRIBUTARY NO. 2 NEAR AINSWORTH, NE

LOCATION.--Lat 42°34'45", long 99°48'02", in SW1/4 SE1/4 sec.8, T.30 N., R.21 W., Brown County, Hydrologic Unit 10150004, 244 m (800 ft) east of half-section line, on right downstream abutment of timber culvert on east-west gravel road, 3.2 km (2.0 mi) east, 3.2 km (2.0 mi) north, and 1.2 km (0.75 mi) east of Ainsworth.

DRAINAGE AREA.--5.65 km² (2.18 mi²).

PERIOD OF RECORD.--1958 to 1968 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 18.1 m³/s (640 ft³/s) June 30, 1962 and June 7, 1967, gage heights, 4.05 m (13.29 ft) and 4.05 m (13.30 ft), respectively.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1958	05/30/58	1.70 (60)	--	3.33 (10.93)	--
1959	07/16/59	0.50 (18)	--	3.17 (10.40)	--
1960	03/21/60	6.12 (216)	--	3.64 (11.93)	--
1961	03/14/61	.71 (25)	--	3.21 (10.52)	--
1962	06/30/62	18.1 (640)	--	4.05 (13.29)	--
1963	06/26/63	1.50 (53)	--	3.20 (10.49)	--
1964	/ /64	≤.01 (≤.5)	--	-- --	--
1965	06/05/65	4.19 (148)	--	3.50 (11.50)	--
1966	04/21/66	1.05 (37)	--	3.10 (10.18)	--
1967	06/07/67	18.1 (640)	--	4.05 (13.30)	--
1968	05/07/68	1.10 (39)	--	3.12 (10.23)	--

06463300 SAND DRAW TRIBUTARY NEAR AINSWORTH, NE

LOCATION.--Lat 42°36'03", long 99°56'59", in SW1/4 NW1/4 sec.6, T.30 N., R.22 W., Brown County, Hydrologic Unit 10150004, on north-south abandoned road right-of-way, 8.8 km (5.5 mi) northwest of Ainsworth.

DRAINAGE AREA.--2.77 km² (1.07 mi²).

PERIOD OF RECORD.--1956 to 1974 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 21.2 m³/s (747 ft³/s) June 30, 1962, gage height, 4.39 m (14.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	06/06/56	0.45 (16)	--	3.32 (10.90)	--
1957	07/26/57	1.22 (43)	--	3.56 (11.69)	--
1958	07/24/58	1.58 (56)	--	3.69 (12.10)	--
1959	07/03/59	3.57 (126)	--	3.82 (12.54)	--
1960	06/27/60	20.1 (710)	--	4.19 (13.75)	--
1961	03/14/61	.85 (30)	--	3.47 (11.39)	--
1962	06/30/62	21.2 (747)	--	4.39 (14.40)	--
1963	04/10/63	1.44 (51)	--	3.64 (11.93)	--
1964	/ /64	.14 (5)	--	3.08 (10.10)	--
1965	06/05/65	.34 (12)	--	3.22 (10.56)	--
1966	08/12/66	.17 (6)	--	3.09 (10.13)	--
1967	09/17/67	19.9 (703)	--	4.16 (13.65)	--
1968	05/31/68	20.3 (716)	--	4.29 (14.09)	--
1969	07/07/69	9.63 (340)	--	4.00 (13.14)	--
1970	06/11/70	.14 (5)	2	-- --	4
1971	08/30/71	14.5 (512)	--	4.15 (13.62)	--
1972	07/20/72	3.40 (120)	--	3.82 (12.52)	--
1973	08/30/73	13.5 (475)	--	4.09 (13.41)	--
1974	06/09/74	.63 (22)	--	3.56 (11.69)	--

06463500 LONG PINE CREEK NEAR RIVERVIEW, NE

LOCATION.--Lat 42°41'21", long 99°40'43", in SE1/4 NE1/4 sec.5, T.31 N., R.20 W. Brown County, Hydrologic Unit 10150004, on left bank 4.6 m (15 ft) downstream county road bridge, 1.6 km (1 mi) downstream from Bone Creek, 8.9 km (5.5 mi) southwest of Riverview, and at kilometer 10 (mile 6.2).

DRAINAGE AREA.--1,190 km² (460 mi²), approximately.

PERIOD OF RECORD.--1949-1953, 1955 to current year.

GAGE.--Water-stage recorder. Datum of gage is 604.52 m (1,983.34 ft) above sea level, (levels by Bureau of Reclamation). Prior to Dec. 7, 1962, at site 305 m (100 ft) upstream at present datum.

REMARKS.--Flow includes return water from Ainsworth Irrigation District since 1965.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 273 m³/s (9,650 ft³/s) July 1, 1962, gage height, 4.78 m (15.68 ft), backwater from fallen bridge.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1949	06/12/49	31.1 (1100)	--	1.76 (5.77)	--
1950	02/27/50	22.4 (791)	--	1.40 (4.60)	2
1951	08/20/51	153 (5410)	--	3.12 (10.24)	--
1952	08/07/52	96.3 (3400)	--	2.65 (8.70)	--
1953	06/15/53	34.6 (1220)	--	2.12 (6.95)	2
1955	09/20/55	9.37 (331)	--	1.42 (4.65)	2
1956	06/16/56	30.0 (1060)	--	1.64 (5.37)	--
1957	07/21/57	53.2 (1880)	--	1.96 (6.43)	--
1958	04/06/58	21.9 (773)	--	1.33 (4.35)	--
1959	07/16/59	14.8 (524)	--	1.15 (3.77)	--
1960	03/21/60	65.4 (2310)	--	2.17 (7.11)	--
1961	06/10/61	7.53 (266)	--	0.85 (2.78)	--
1962	07/01/62	273 (9650)	--	4.78 (15.68)	1
1963	05/26/63	18.1 (638)	--	1.71 (5.62)	2
1964	07/30/64	65.1 (2300)	--	2.22 (7.27)	--
1965	06/04/65	80.7 (2850)	--	2.08 (6.82)	--
1966	02/28/66	24.9 (880)	--	1.37 (4.49)	--
1967	06/07/67	69.7 (2460)	--	2.12 (6.96)	2
1968	05/31/68	38.8 (1370)	--	1.91 (6.27)	2
1969	03/23/69	43.6 (1540)	--	1.83 (6.01)	--
1970	04/16/70	28.1 (992)	--	1.52 (4.98)	2
1971	08/30/71	22.7 (800)	--	1.68 (5.50)	--
1972	07/20/72	22.9 (809)	--	1.68 (5.50)	--
1973	05/28/73	27.4 (968)	--	1.68 (5.52)	--
1974	06/09/74	11.9 (420)	--	1.31 (4.31)	2
1975	04/06/75	9.66 (341)	--	1.24 (4.06)	--
1976	08/12/76	14.6 (516)	--	1.36 (4.46)	--
1977	07/09/77	173 (6100)	--	3.10 (10.18)	--
1978	06/21/78	59.8 (2110)	--	2.16 (7.08)	--
1979	09/08/79	31.1 (1100)	--	1.94 (6.37)	--
1980	06/14/80	13.3 (470)	--	1.47 (4.83)	--

06463500 LONG PINE CREEK NEAR RIVERVIEW, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1981	08/05/81	54.7 (1930)	--	2.10 (6.89)	--
1982	05/22/82	11.3 (400)	--	1.35 (4.43)	--
1983	07/16/83	51.8 (1830)	--	2.09 (6.87)	--
1984	08/20/84	32.9 (1160)	--	1.82 (5.97)	--
1985	08/12/85	9.74 (344)	--	1.22 (4.01)	--
1986	09/20/86	62.0 (2190)	--	2.33 (7.65)	--
1987	03/21/87	35.7 (1260)	--	1.88 (6.17)	--
1988	05/22/88	28.2 (996)	--	1.65 (5.40)	--
1989	03/11/89	7.39 (261)	--	1.05 (3.44)	2
1990	05/28/90	19.1 (674)	--	1.42 (4.65)	--
1991	05/04/91	15.1 (534)	--	1.30 (4.27)	--
1992	03/12/92	12.6 (446)	--	1.21 (3.96)	--
1993	07/13/93	35.1 (1240)	--	1.81 (5.94)	--

06463720 NIOBRARA RIVER AT MARIAVILLE, NE

LOCATION.--Lat 42°46'56", long 99°20'04", in NE1/4NW1/4 sec.5, T.32 N., R.17 W., Kaya Paha County, Hydrologic Unit 10150004 on left bank 15 ft upstream from bridge on State Highway 137, 13 mi north of Newport and 20.5 mi upstream from mouth of Kaya Paha River.

DRAINAGE AREA.--25,400 km² (9,810 mi²), approximately.

PERIOD OF RECORD.--1986 to 1991 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 547.7 m (1,797 ft) above sea level (from topographic map).

REMARKS.-- Flow of stream affected by regulation at power plants, diversion for irrigation and return flows, and storage in Box Butte (station 06455000) and Merritt (station 06459300) reservoirs.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 176 m³/s (6,200 ft³/s) Mar. 4, 1988, gage height, 1.82 m (5.98 ft), affected by ice.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1986	02/28/86	96.3 (3400)	--	2.01 (6.58)	2
1987	04/03/87	101 (3560)	--	0.93 (3.05)	2
1988	03/04/88	176 (6200)	--	1.82 (5.98)	1
1989	04/08/89	55.5 (1960)	--	.98 (3.20)	2
1990	06/03/90	68.8 (2430)	--	.96 (3.16)	2
1991	06/09/91	92.0 (3250)	--	.96 (3.16)	2

06464900 KEYA PAHA RIVER NEAR NAPER, NE

LOCATION.--Lat 42°55'00", long 99°05'50", in SE1/4 SE1/4 sec.17, T.34 N., R.15 W., Boyd County, Hydrologic Unit 10150006, on left upstream bank near highway bridge abutment, 5.3 km (3.3 mi) south of Naper, and 14.2 km (8.8 mi) upstream from mouth.

DRAINAGE AREA.--4,380 km² (1,690 mi²), approximately.

PERIOD OF RECORD.--1958 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 512.06 m (1,680 ft) above sea level (from topographic map). Prior to May 2, 1958, nonrecording gage at same site and datum.

REMARKS.--Minor deviations for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 263 m³/s (9,280 ft³/s) July 1, 1962, gage height, 3.32 m (10.91 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1958	07/30/58	60.9	(2150)	--	2.12	(6.95)	--
1959	05/28/59	45.0	(1590)	--	1.92	(6.29)	2
1960	03/27/60	195	(6890)	--	2.99	(9.82)	2
1961	08/18/61	18.3	(646)	--	1.76	(5.77)	2
1962	07/01/62	263	(9280)	--	3.32	(10.91)	--
1963	07/08/63	129	(4570)	--	2.64	(8.66)	--
1964	05/03/64	101	(3570)	--	2.49	(8.16)	--
1965	06/11/65	55.8	(1970)	--	2.16	(7.10)	--
1966	03/13/66	144	(5090)	--	2.71	(8.88)	2
1967	09/18/67	58.6	(2070)	--	2.16	(7.09)	--
1968	06/24/68	30.6	(1080)	--	2.01	(6.59)	--
1969	07/07/69	97.7	(3450)	--	2.47	(8.10)	2
1970	04/24/70	35.4	(1250)	--	2.02	(6.63)	2
1971	03/14/71	55.2	(1950)	--	2.89	(9.47)	2
1972	05/12/72	53.5	(1890)	--	2.20	(7.20)	2
1973	05/29/73	40.8	(1440)	--	2.03	(6.65)	2
1974	06/09/74	33.4	(1180)	--	2.00	(6.56)	2
1975	04/08/75	25.8	(911)	--	1.90	(6.25)	2
1976	05/24/76	13.9	(492)	--	1.79	(5.88)	2
1977	04/21/77	56.6	(2000)	--	2.17	(7.12)	2
1978	03/19/78	187	(6620)	--	2.95	(9.67)	--
1979	06/22/79	30.6	(1080)	--	1.87	(6.14)	2
1980	04/03/80	9.68	(342)	--	1.79	(5.88)	2
1981	07/04/81	30.0	(1060)	--	1.87	(6.13)	2
1982	06/16/82	61.7	(2180)	--	2.30	(7.56)	2
1983	06/28/83	95.7	(3380)	--	2.63	(8.63)	--
1984	04/14/84	78.4	(2770)	--	2.49	(8.16)	2
1985	03/ /85	12.7	(450)	2, B	--	--	--
1986	03/01/86	96.3	(3400)	--	3.22	(10.55)	1
1987	03/21/87	96.6	(3410)	--	2.61	(8.55)	--
1988	05/23/88	80.7	(2850)	--	2.57	(8.42)	2
1989	03/19/89	9.91	(350)	9			
1990	06/03/90	28.6	(1010)	--	2.21	(7.24)	--
1991	06/07/91	41.9	(1480)	--	2.34	(7.67)	2
1992	07/12/92	71.9	(2540)	--	2.49	(8.17)	--
1993	03/10/93	64.0	(2260)	--	2.46	(8.06)	2

06465000 NIOBRARA RIVER NEAR SPENCER, NE

LOCATION.--Lat 42°48'33", long 98°39'22", in SE1/4 NW1/4 sec. 30, T.33 N., R.11 W., Boyd County, Hydrologic Unit 10150007, at Spencer powerplant dam 8 km (5 mi). southeast of Spencer.

DRAINAGE AREA.--31,340 km² (12,100 mi²), approximately

PERIOD OF RECORD.--1928-36, 1938 to current year. Published as "near Lynch" 1913-1915. Monthly discharge only for some periods, published in WSP 1309.

GAGE.--Water-stage recorder and hourly log and powerplant operation. Datum of gage is 449.17 m (1,473.67 ft) above sea level. Elevation of taintor gate sill, 454.50 m (1,491.12 ft) above sea level. Prior to December 1908, nonrecording gage on former highway bridge 84 m (275 ft) downstream and Aug. 1, 1913, to Sept. 30, 1915, nonrecording gage at highway bridge 16 km (10 mi) downstream at different datums. Aug 1, 1927, to Sept. 30, 1936 and June 14, 1940, to Sept. 30, 1944, discharge computed as flow through powerhouse and over dam. Oct. 1, 1944 to Nov. 10, 1954, water-stage recorder at site 84 m (275 ft) downstream at datum 1.52 m (4.98 ft) higher, and Nov.11, 1954 to Sept. 30, 1957, at site 0.5 km (0.3 mi) downstream at datum 2.98 m (9.78 ft) lower. Oct. 1, 1957 to Oct. 21, 1958 discharge computed as flow through powerhouse and over dam. Oct. 28, 1958, to Aug. 13, 1963, water-stage recorder at site 68.6 m (225 ft) downstream at present datum. Aug. 14, 1963, gage moved to present site with discharge computed as flow through powerhouse and over dam.

REMARKS.--Natural flow of stream affected by irrigation and power developments. Daily discharge determined from flow turbines and taintor gates, computed from relation between head, and gage openings.

COOPERATION.--Powerplant log furnished by Nebraska Public Power District.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 368 m³/s (13,000 ft³/s) August 6, 1908.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 776 m³/s (27,400 ft³/s) Mar. 12, 1955.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1908	08/06/08	368	(13000)	2, 6, 7	--	--	--
1914	05/24/14	261	(9200)	2, 6, 7	--	--	--
1928	06/28/28	122	(4300)	6	--	--	--
1929	06/06/29	190	(6720)	6	--	--	--
1930	09/06/30	430	(15200)	6	--	--	--
1931	03/31/31	203	(7180)	6	--	--	--
1932	05/26/32	224	(7910)	6	--	--	--
1933	07/11/33	303	(10700)	6	--	--	--
1934	09/24/34	326	(11500)	6	--	--	--
1935	03/01/35	198	(7000)	2, 6	--	--	--
1936	05/22/36	289	(10200)	6	--	--	--
1938	05/ /38	258	(9100)	2, 6	--	--	--
1939	03/ /39	224	(7900)	2, 6	--	--	--
1940	03/ /40	153	(5400)	2, 6	--	--	--
1941	12/12/40	141	(4980)	6	--	--	--
1942	05/16/42	362	(12800)	6	--	--	--
1943	06/14/43	609	(21500)	6	--	--	--
1944	06/13/44	317	(11200)	6	--	--	--
1945	03/12/45	331	(11700)	6	--	--	--

06465000 NIOBRARA RIVER NEAR SPENCER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	08/05/46	240	(8480)	6	--	--	--
1947	10/05/46	436	(15400)	6	--	--	--
1948	08/13/48	242	(8550)	6	--	--	--
1949	08/03/49	308	(10900)	6	--	--	2
1950	03/06/50	532	(18800)	2, 6	--	--	--
1951	08/02/51	251	(8870)	6	--	--	--
1952	04/01/52	286	(10100)	6	--	--	2
1953	03/15/53	351	(12400)	6	--	--	--
1954	03/29/54	309	(10900)	6	--	--	--
1955	03/12/55	776	(27400)	6	--	--	--
1956	03/18/56	84.7	(2990)	1, 6	--	--	--
1957	05/19/57	190	(6710)	1, 6	--	--	--
1958	02/26/58	165	(5840)	1, 6	--	--	--
1959	03/29/59	312	(11000)	6	--	--	--
1960	03/27/60	663	(23400)	6	--	--	--
1961	12/06/60	193	(6800)	6	--	--	--
1962	07/01/62	765	(27000)	6	--	--	--
1963	07/27/63	242	(8560)	6	--	--	--
1964	05/03/64	247	(8720)	6	--	--	--
1965	04/14/65	153	(5390)	6	--	--	--
1966	03/12/66	481	(17000)	2, 6	--	--	--
1967	09/18/67	261	(9200)	2, 6	--	--	--
1968	03/07/68	211	(7460)	6	--	--	--
1969	03/26/69	233	(8230)	6	--	--	--
1970	04/26/70	143	(5060)	6	--	--	--
1971	03/15/71	140	(4960)	1, 6	--	--	--
1972	08/05/72	282	(9970)	6	--	--	--
1973	03/03/73	133	(4710)	1, 6	--	--	--
1974	10/01/73	105	(3720)	1, 6	--	--	--
1975	03/19/75	95.7	(3380)	1, 6	--	--	--
1976	03/10/76	86.4	(3050)	1, 6	--	--	--
1977	03/03/77	173	(6120)	1, 6	--	--	--
1978	03/21/78	303	(10700)	1, 6	--	--	--
1979	03/18/79	116	(4100)	1, 6	--	--	--
1980	03/15/80	154	(5440)	1, 6	--	--	--
1981	02/21/81	113	(4000)	1, 6	--	--	--
1982	02/23/82	124	(4390)	1, 6	--	--	--
1983	06/29/83	189	(6660)	1, 6	--	--	--
1984	04/08/84	198	(7000)	1, 6	--	--	--
1985	03/10/85	123	(4360)	1, 6	--	--	--
1986	03/02/86	160	(5640)	1, 6	--	--	--
1987	03/23/87	186	(6560)	1, 6	--	--	--
1988	03/10/88	183	(6470)	1, 6	--	--	--
1989	03/14/89	107	(3780)	1, 6	--	--	--
1990	02/23/90	83.5	(2950)	1, 6	--	--	--
1991	06/12/91	114	(4040)	1, 6	--	--	--
1992	11/13/91	75.0	(2650)	1, 6	--	--	--
1993	03/10/93	134	(4750)	1, 6	--	--	--

06465200 HONEY CREEK NEAR O'NEILL, NE

LOCATION.--Lat 42°37'28", long 98°40'24", in SW corner of sec.11, T.30 N., R.12 W., Holt County, Hydrologic Unit 10150007, on left side and downstream end of 1.5 m (60") corrugated metal culvert on east-west county road, 14.5 km (9.0 mi) northwest of O'Neill.

DRAINAGE AREA.--6.58 km² (2.54 mi²).

PERIOD OF RECORD.--1958 to 1968 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 8.33 m³/s (294 ft³/s) June 26, 1965, gage height, 4.39 m (14.41 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1958	04/23/58	1.73	(61)	--	3.62	(11.86)	--
1959	08/22/59	0.71	(25)	--	3.44	(11.30)	--
1960	03/27/60	1.98	(70)	2	4.49	(14.74)	1
1961	07/27/61	.28	(10)	--	3.34	(10.95)	--
1962	07/11/62	2.41	(85)	--	3.71	(12.18)	--
1963	07/09/63	.94	(33)	--	3.48	(11.41)	--
1964	06/16/64	1.42	(50)	--	3.57	(11.70)	--
1965	06/26/65	8.33	(294)	--	4.39	(14.41)	--
1966	03/25/66	.28	(10)	2	3.86	(12.66)	1
1967	06/24/67	.06	(2)	--	3.22	(10.57)	--
1968	08/29/68	≤.01	(≤.5)	--	3.15	(10.32)	--

06465300 CAMP CREEK NEAR O'NEILL, NE

LOCATION.--Lat 42°39'08", long 98°39'26", in NW1/4 SW1/4 sec.19, T.31 N., R.11 W., Holt County, Hydrologic Unit 10150007, on left downstream wingwall of 3.1 m (10 ft) wide, 2.4 m (8 ft) high concrete box culvert under U.S. Highway 281. Culvert has paved invert. Site is 20.9 km (13 mi) north of junction of U.S. Highway 281 and Highway 20, north of O'Neill.

DRAINAGE AREA.--4.27 km² (1.65 mi²).

PERIOD OF RECORD.--1958 to 1978 (discontinued).

GAGE.-- A College-Park-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). On May 3, 1962, the gage was raised .30 m (0.97 ft) to bring the bottom of the gage out of the sand fill which was deposited in the culvert barrel, but on June 15, 1962, the gage was lowered again to original datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 23.6 m³/s (833 ft³/s) June 16, 1964, gage height, 4.71 m (15.45 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1958	04/23/58	≤0.01 (≤5)	--	--	--
1959	03/26/59	.17 (6)	2	3.36 (11.02)	1
1960	03/27/60	1.42 (50)	2	3.90 (12.80)	1
1961	07/27/61	.76 (27)	--	3.10 (10.17)	--
1962	07/11/62	1.95 (69)	--	3.26 (10.68)	2
1963	02/05/63	.28 (10)	2	3.42 (11.22)	1
1964	06/16/64	23.6 (833)	--	4.71 (15.45)	--
1965	06/26/65	1.81 (64)	--	3.24 (10.64)	--
1966	08/12/66	.08 (3)	2	--	4
1967	06/24/67	1.10 (39)	--	3.16 (10.35)	--
1968	08/29/68	.42 (15)	2	--	4
1969	07/07/69	1.16 (41)	--	3.16 (10.37)	--
1970	06/11/70	8.67 (306)	--	3.75 (12.29)	--
1971	05/23/71	.06 (2)	2	2.82 (9.24)	--
1972	06/18/72	.14 (5)	2	--	4
1973	05/27/73	.28 (10)	2	--	4
1974	06/09/74	.14 (5)	2	--	4
1975	06/09/75	.14 (5)	2	--	4
1976	05/23/76	.14 (5)	2	--	4
1977	05/22/77	.14 (5)	2	--	4
1978	07/21/78	.14 (5)	2	--	4

06465310 EAGLE CREEK NEAR REDBIRD, NE

LOCATION.--Lat 42°45'51", long 98°34'13", in SE1/4 NW1/4 sec.11, T.32 N., R.11 W., Holt County, Hydrologic Unit 10150007, on left bank 3.7 m (12 ft) downstream from bridge on the county road, 11.3 km (7 mi) west of Redbird.

DRAINAGE AREA.--534 km² (206 mi²).

PERIOD OF RECORD.--1979 to 1991 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 446.20 m (1,463.90 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 93.5 m³/s (3,300 ft³/s) Aug. 5, 1981, gage height, 2.61 m (8.55 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1979	07/28/79	4.19 (148)	--	1.76 (5.77)	2
1980	09/01/80	5.18 (183)	--	1.80 (5.92)	2
1981	08/05/81	93.5 (3300)	--	2.61 (8.55)	--
1982	09/09/82	21.2 (747)	--	1.97 (6.47)	--
1983	07/19/83	57.2 (2020)	--	2.35 (7.71)	--
1984	06/25/84	15.5 (549)	--	1.81 (5.95)	--
1985	05/11/85	12.4 (439)	--	1.73 (5.67)	2
1986	09/16/86	85.0 (3000)	--	2.81 (9.22)	--
1987	07/10/87	26.1 (923)	--	1.90 (6.23)	--
1988	05/22/88	6.63 (234)	--	1.33 (4.35)	2
1989	08/26/89	10.3 (363)	--	1.44 (4.73)	--
1990	08/23/90	20.0 (706)	--	1.78 (5.84)	--
1991	05/17/91	9.74 (344)	--	1.40 (4.60)	--

06465400 BLACKBIRD CREEK TRIBUTARY NEAR O'NEILL, NE

LOCATION.--Lat 42°33'42", long 98°38'47", in SW1/4 NE1/4 sec.19, T.30 N., R.11 W., Holt County, Hydrologic Unit 10150007, along the channel in an open pasture, 11.3 km (7 mi) north of O'Neill.

DRAINAGE AREA.--1.55 km² (0.6 mi²).

PERIOD OF RECORD.--1958 to 1968 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2.66 m³/s (94.0 ft³/s July 26, 1958, gage height, 3.90 m (12.81 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1958	07/26/58	2.66 (94)	--	3.90 (12.81)	--
1959	08/22/59	0.28 (10)	--	3.41 (11.19)	--
1960	03/27/60	1.33 (47)	--	3.67 (12.04)	--
1961	03/14/61	.06 (2)	--	3.24 (10.64)	1
1962	07/11/62	1.93 (68)	--	3.78 (12.41)	--
1963	02/05/63	.57 (20)	2	3.63 (11.90)	1
1964	06/16/64	.08 (3)	--	3.27 (10.74)	--
1965	06/26/65	1.67 (59)	--	3.74 (12.26)	--
1966	08/12/66	.08 (3)	--	3.25 (10.66)	--
1967	08/06/67	2.41 (85)	--	3.86 (12.68)	--
1968	08/29/68	.42 (15)	--	3.46 (11.35)	--

06465440 REDBIRD CREEK AT REDBIRD, NE

LOCATION.--Lat 42°45'36", long 98°26'26", in NW1/4 SW1/4 SW1/4 sec. 12, T.32 N., R.10 W. Holt County, Hydrologic Unit 10150007, at right upstream end of county road bridge at Redbird, 1.8 km (1.1 mi) upstream from mouth and 7.7 km (4.8 mi) south-southeast of Lynch.

DRAINAGE AREA.--407 km² (157 mi²), approximately

PERIOD OF RECORD.--1981 to current year

GAGE.--Water-stage recorder. Datum of gage is 430.30 m (1411.75 ft) above sea level. Oct. 1980 to Sept. 30, 1982 at bridge 3.2 km (0.2 mi) downstream at datum 0.3 m (1.00 ft) higher. Oct. 1, 1982 to Sept. 20, 1990 at bridge 0.3 km (0.2 mi) downstream at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 60.6 m³/s (2,140 ft³/s) Aug. 23, 1990, gage height, 1.85 m (6.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1981	08/02/81	6.77 (239)	--	0.91 (3.01)	2
1982	05/29/82	15.4 (545)	--	1.31 (4.31)	2
1983	03/06/83	9.63 (340)	--	1.16 (3.81)	2
1984	04/30/84	9.97 (352)	--	.95 (3.13)	2
1985	05/11/85	60.0 (2120)	--	1.98 (6.49)	--
1986	09/16/86	47.6 (1680)	--	1.65 (5.42)	--
1987	07/10/87	37.9 (1340)	--	1.45 (4.76)	--
1988	05/22/88	8.07 (285)	--	.56 (1.82)	2
1989	08/26/89	8.30 (293)	--	.56 (1.85)	2
1990	08/23/90	60.6 (2140)	--	1.85 (6.07)	--
1991	05/30/91	5.86 (207)	--	1.23 (4.05)	2
1992	05/16/92	5.78 (204)	--	1.75 (5.74)	--
1993	03/09/93	20.1 (712)	--	1.67 (5.49)	2

06465500 NIOBRARA RIVER NEAR VERDEL, NE

LOCATION.--Lat 42°44'23", long 98°13'26", in NW1/4 NW1/4 sec. 23, T.32 N., R.8 W. Knox County, Hydrologic Unit 10150007, on right at downstream side of county road bridge, 10.6 km (6.6 mi) south of Verdel, 12.1 km (7.5 mi) upstream from Verdigre Creek, and at kilometer 23.8 (mile 14.8).

DRAINAGE AREA.--32,600 km² (12,600 mi²), approximately

PERIOD OF RECORD.--1938-40, 1959 to current year.

GAGE.--Water-stage recorder. Datum of gage is 399.93 m (1,312.12 ft) above sea level. Apr. 25, 1938, to June 16, 1939, nonrecording gage at site 792.5 m (2,600 ft) downstream; June 17, 1939, to June 13, 1940, nonrecording gage 869 m (2,850 ft) downstream; and June 14, 1940 to July 24, 1985, water-stage recorder at site 2600 ft downstream, all at datum 1.2 m (4.00 ft) lower.

REMARKS.--Natural flow of stream affected by irrigation and power development.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,100 m³/s (39,000 ft³/s) Mar. 27, 1960, gage height, 3.08 m (10.10 ft), at different site and datum.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1938	05/02/38	283	(10000)	6	1.74	(5.70)	--
1939	03/20/39	246	(8700)	6	1.67	(5.49)	--
1940	03/18/40	167	(5900)	6	1.51	(4.95)	--
1959	03/19/59	217	(7670)	6	2.04	(6.69)	1
1960	03/27/60	1100	(39000)	6	3.08	(10.10)	--
1961	05/14/61	178	(6290)	6	1.71	(5.62)	2
1962	07/01/62	725	(25600)	6	2.27	(7.46)	2
1963	07/27/63	286	(10100)	6	1.75	(5.74)	2
1964	06/17/64	813	(28700)	6	2.64	(8.65)	--
1965	06/26/65	138	(4880)	6	1.65	(5.42)	2
1966	03/12/66	453	(16000)	2, 6	3.24	(10.62)	1
1967	09/18/67	268	(9460)	6	1.84	(6.05)	2
1968	03/07/68	191	(6740)	6	1.79	(5.88)	2
1969	03/26/69	255	(9000)	2, 6	2.11	(6.93)	2
1970	06/11/70	143	(5040)	6	1.70	(5.58)	2
1971	03/15/71	187	(6600)	6	2.00	(6.56)	2
1972	05/13/72	179	(6320)	6	1.60	(5.26)	2
1973	05/28/73	198	(7000)	6	1.57	(5.14)	2
1974	06/09/74	105	(3710)	6	1.48	(4.86)	2
1975	03/19/75	102	(3600)	1, 6	--	--	--
1976	03/10/76	108	(3800)	1, 6	--	--	--
1977	03/13/77	181	(6400)	1, 6	--	--	--
1978	03/21/78	317	(11200)	1, 6	--	--	--
1979	03/18/79	118	(4150)	1, 6	--	--	--
1980	03/15/80	138	(4890)	1, 6	--	--	--
1981	02/21/81	116	(4090)	1, 6	--	--	--
1982	02/23/82	140	(4950)	1, 6	--	--	--
1983	06/30/83	210	(7400)	1, 6	--	--	--
1984	04/09/84	221	(7790)	1, 6	--	--	--
1985	03/10/85	129	(4570)	1, 6	--	--	--

06465500 NIOBRARA RIVER NEAR VERDEL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	03/03/86	167	(5910)	1, 6	--	--	--
1987	03/23/87	199	(7040)	1, 6	--	--	--
1988	03/10/88	191	(6730)	1, 6	--	--	--
1989	03/14/89	116	(4090)	1, 6	--	--	--
1990	08/23/90	93.2	(3290)	1, 6	--	--	--
1991	06/12/91	123	(4330)	1, 6	--	--	--
1992	03/11/92	83.3	(2940)	1, 6	--	--	--
1993	03/10/93	164	(5790)	1, 6	--	--	--

06465680 NORTH BRANCH VERDIGRE CREEK NEAR VERDIGRE, NE

LOCATION.--Lat 42°35'51", long 98°08'03", in SE1/4SE1/4 sec. 4, T.30 N., R.7 W., Knox County, Hydrologic Unit 10150007, on right bank 4.6 m (15 ft) downstream from bridge on paved county road 8 km (5 mi) west of Verdigre.

DRAINAGE AREA.--355 km² (137 mi²)

PERIOD OF RECORD.--1980 to 1992 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 446.86 m (1,466.06 ft) above sea level .

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9.32 m³/s (329 ft³/s) May 16, 1992, gage height, 1.45 m (4.76 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1980	06/15/80	1.30 (46)	--	0.77 (2.52)	2
1981	06/14/81	6.23 (220)	--	1.69 (5.54)	--
1982	05/29/82	4.08 (144)	--	1.34 (4.38)	2
1983	06/27/83	2.89 (102)	--	1.12 (3.68)	2
1984	05/12/84	6.12 (216)	--	1.56 (5.13)	--
1985	08/12/85	1.93 (68)	--	.68 (2.23)	2
1986	09/16/86	6.66 (235)	--	1.26 (4.13)	2
1987	07/10/87	8.92 (315)	--	1.50 (4.93)	--
1988	05/22/88	1.98 (70)	--	.61 (2.00)	2
1989	06/26/89	1.47 (52)	--	.52 (1.71)	2
1990	06/16/90	5.01 (177)	--	1.06 (3.46)	--
1991	06/05/91	5.52 (195)	--	1.03 (3.39)	2
1992	05/16/92	9.32 (329)	--	1.45 (4.76)	--

06465850 BINGHAM CREEK NEAR NIOBRARA, NE

LOCATION.--Lat 42°42'12", long 98°02'54", in NW1/4SW1/4 sec.32, T.32 N., R.6 W., Knox County, Hydrologic Unit 10150007, at concrete triple-barrel box culvert on State Highway 14, 7.6 km (4.7 mi) south of Niobrara.

DRAINAGE AREA.--16.8 km² (6.5 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Lowest recording stage, since July 9, 1975, is 3.52 m (11.54 ft). Prior to April 30, 1969, lowest recording stage was 3.06 m (10.04 ft). From April 30, 1969 until July 20, 1972, lowest recording stage was 3.21 m (10.54 ft). From July 20, 1972, until July 9, 1975, lowest recording stage was 3.36 m (11.04 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 4.25 m³/s (150 ft³/s) July 24, 1973, gage height, 3.80 m (12.47 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	08/29/68	--	--	--	3.48	(11.40)	--
1969	04/02/69	--	--	--	3.30	(10.83)	--
1970	04/12/70	--	--	--	3.42	(11.23)	--
1971	07/05/71	--	--	--	3.57	(11.71)	--
1972	06/18/72	--	--	--	3.55	(11.64)	--
1973	07/24/73	--	--	--	3.80	(12.47)	--
1974	06/09/74	.11	(4)	2	3.58	(11.73)	--
1975	05/27/75	.57	(20)	--	3.71	(12.16)	5
1976	05/23/76	≤.06	(≤2)	2	--	--	4
1977	06/17/77	≤.06	(≤2)	2	--	--	4
1978	04/30/78	.28	(10)	--	3.62	(11.88)	--

06466500 BAZILE CREEK NEAR NIOBRARA, NE

LOCATION.--Lat 42°45'26", long 97°56'50", in SW 1/4 sec. 7, T.32 N., R.5 W., Knox County, Hydrologic Unit 10170101, on left bank 18.3 m (60 ft) shoreward and 6.1 m (20 ft) downstream from centerline of bridge on State Highway 12, 3.7 km (2.3 mi) upstream from mouth and 7.2 km (4.5 mi) east of Niobrara.

DRAINAGE AREA.--1,140 km² (440 mi²), approximately.

PERIOD OF RECORD.--1951 to current year. Records for October 1931 to September 1932, published in WSP 731, have been found to be unreliable and should not be used.

GAGE.--Water-stage recorder. Datum of gage is 369.05 m (1,210.81 ft) above sea level. Prior to Dec. 16, 1952 nonrecording gage only, and Dec. 16, 1952, to June 16, 1957, water-stage recorder at downstream end of right pier, above 1.3 m (4.2 ft), at present site at datum 1.2 m (4 ft) higher. June 17, 1957, to Sept. 14, 1958, water-stage recorder above 2.5 m (8.2 ft) at present datum. Sept. 15, 1958, to Oct. 17, 1978, water-stage recorder at downstream end of left pier, above 1.3 m (4.3 ft), at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,940 m³/s (68,600 ft³/s) June 16, 1957, gage height, 6.08 m (19.96 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	06/19/51	691 (24400)	--	4.68 (15.36)	--
1952	05/27/52	22.0 (776)	--	2.79 (9.15)	--
1953	06/08/53	329 (11600)	--	4.22 (13.85)	2
1954	06/06/54	739 (26100)	--	4.73 (15.51)	--
1955	09/21/55	69.1 (2440)	--	3.41 (11.20)	2
1956	07/15/56	6.71 (237)	--	2.26 (7.41)	2
1957	06/16/57	1940 (68600)	--	6.08 (19.96)	--
1958	07/27/58	464 (16400)	--	4.45 (14.60)	--
1959	05/31/59	462 (16300)	--	4.45 (14.59)	--
1960	08/28/60	303 (10700)	--	4.15 (13.62)	--
1961	07/22/61	81.8 (2980)	--	3.23 (10.60)	2
1962	06/10/62	297 (10500)	--	4.14 (13.57)	2
1963	08/05/63	131 (4640)	--	3.65 (11.98)	--
1964	06/16/64	195 (6900)	--	4.56 (14.97)	--
1965	06/04/65	101 (3560)	--	3.85 (12.63)	2
1966	06/24/66	121 (4280)	--	4.13 (13.54)	2
1967	06/19/67	391 (13800)	--	5.23 (17.15)	--
1968	07/29/68	176 (6220)	--	4.77 (15.64)	--
1969	04/04/69	50.7 (1790)	--	3.98 (13.05)	--
1970	05/11/70	153 (5420)	--	4.87 (15.98)	--
1971	06/10/71	179 (6310)	--	4.77 (15.64)	2
1972	05/23/72	34.0 (1200)	--	3.90 (12.79)	2
1973	06/18/73	45.0 (1590)	--	4.20 (13.77)	2
1974	06/11/74	6.20 (219)	--	3.67 (12.05)	2
1975	08/16/75	10.0 (355)	--	3.77 (12.37)	2
1976	04/23/76	6.85 (242)	--	3.73 (12.25)	2
1977	05/21/77	22.1 (780)	--	4.18 (13.73)	2
1978	03/20/78	79.3 (2800)	--	--	--
1979	08/19/79	34.6 (1220)	--	4.53 (14.85)	2
1980	08/11/80	13.6 (480)	--	4.07 (13.35)	2

06466500 BAZILE CREEK NEAR NIOBRARA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	06/14/81	70.5	(2490)	--	5.29	(17.35)	--
1982	05/30/82	58.1	(2050)	--	5.10	(16.73)	2
1983	06/27/83	34.0	(1200)	--	4.69	(15.38)	--
1984	06/20/84	62.6	(2210)	--	5.14	(16.87)	--
1985	04/23/85	69.4	(2450)	--	5.08	(16.67)	2
1986	06/30/86	71.1	(2510)	--	5.14	(16.88)	--
1987	03/25/87	33.4	(1180)	--	4.54	(14.91)	--
1988	03/06/88	13.6	(480)	9	5.23	(17.17)	--
1989	03/11/89	19.8	(700)	9	5.48	(17.97)	--
1990	06/17/90	184	(6500)	--	5.22	(17.11)	--
1991	06/05/91	195	(6880)	--	5.39	(17.70)	--
1992	05/16/92	130	(4580)	--	5.30	(17.40)	--
1993	03/09/93	137	(4820)	--	5.77	(18.94)	1

06466950 WEIGAND CREEK NEAR CROFTON, NE

LOCATION.--Lat 42°43'36", long 97°37'55", in NW1/4 NE1/4 sec.26, T.32 N., R.3 W., Knox County, Hydrologic Unit 10170101, at concrete double-barrel box culvert on State Highway 12, 8.9 km (5.5 mi) east of Lindy and 10.5 km (6.5 mi) west of Crofton.

DRAINAGE AREA.--6.0 km² (2.3 mi²), revised.

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--A College Park-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 26.3 m³/s (928 ft³/s) May 11, 1970, gage height, 4.60 m (15.09 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	06/24/68	2.18 (77)	2	3.11 (10.20)	1
1969	06/28/69	4.79 (169)	2	3.29 (10.80)	--
1970	05/11/70	26.3 (928)	2	4.60 (15.09)	--
1971	02/19/71	7.65 (270)	--	3.49 (11.46)	--
1972	07/20/72	0.14 (5)	2	2.74 (9.00)	5
1973	06/18/73	6.51 (230)	--	3.41 (11.20)	--
1974	06/09/74	.08 (3)	2	--	4
1975	06/18/75	4.53 (160)	--	3.28 (10.75)	--
1976	06/24/76	.14 (5)	--	2.62 (8.60)	--
1977	04/14/77	5.38 (190)	--	3.32 (10.91)	--
1978	07/21/78	3.96 (140)	--	3.23 (10.60)	--

06478518 BOW CREEK NEAR ST. JAMES, NE

LOCATION.--Lat. 42°43'48", long 97°08'53", in SE1/4 SW1/4 sec.24, T.32 N., R.2 E., Cedar County, Hydrologic Unit 10170101, on right downstream end of bridge on State Highway 12, 0.4 km (0.25 mi) west of intersection of St. James road and State Highway 12, 1.1 km (0.7 mi) south of St. James, and at kilometer 10.5 (mile 6.5).

DRAINAGE AREA.--787 km² (304 mi²).

PERIOD OF RECORD.--1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 359.93 m (1,180.88 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 606 m³/s (21,400 ft³/s) June 21, 1984, gage height, 4.03 m (13.23 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1979	08/19/79	138	(4880)	--	2.86	(9.38)	--
1980	08/11/80	23.6	(833)	--	1.56	(5.12)	2
1981	06/14/81	37.1	(1310)	--	1.80	(5.90)	--
1982	05/30/82	74.8	(2640)	--	2.23	(7.31)	2
1983	06/27/83	374	(13200)	--	3.78	(12.40)	--
1984	06/21/84	606	(21400)	--	4.03	(13.23)	--
1985	04/23/85	107	(3790)	--	1.86	(6.11)	--
1986	03/18/86	154	(5440)	--	2.12	(6.97)	--
1987	07/24/87	34.2	(1210)	--	1.39	(4.57)	--
1988	02/18/88	56.6	(2000)	--	2.78	(9.13)	1
1989	03/09/89	28.3	(1000)	--	2.65	(8.68)	1
1990	05/19/90	70.5	(2490)	--	1.64	(5.39)	--
1991	06/01/91	111	(3930)	--	1.96	(6.43)	--
1992	08/10/92	164	(5790)	--	2.18	(7.15)	--
1993	03/08/93	159	(5610)	--	2.38	(7.80)	--

06478520 WEST BOW CREEK NEAR FORDYCE, NE

LOCATION.--Lat. 42°41'40", long 97°25'06", in NE1/4 NW1/4 sec.03, T.31 N., R.1 W., Cedar County, Hydrologic Unit 10170101, at bridge on State Highway 81, 3.9 km (2.4 mi) south of junction of Highways 12 and 81, and 4.7 km (2.9 mi) west of Fordyce.

DRAINAGE AREA.--136 km² (52.7 mi²).

PERIOD OF RECORD.--1964-65, 1967 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage.. Gage datum is 420.81 m (1,380.61 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 89.2 m³/s (3,150 ft³/s) June 19, 1967, gage height, 5.16 m (15.98 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1964	06/16/64	75.0	(2650)	--	5.08	(16.67)	--
1965	06/04/65	42.5	(1500)	--	4.85	(15.91)	--
1967	06/19/67	89.2	(3150)	--	5.16	(16.94)	--
1968	06/09/68	4.11	(145)	--	3.30	(10.84)	--
1969	06/28/69	18.1	(640)	--	4.34	(14.25)	--
1970	05/11/70	4.81	(170)	--	3.15	(10.34)	--
1971	06/10/71	45.3	(1600)	--	4.87	(15.98)	--
1972	05/23/72	5.24	(185)	--	3.21	(10.53)	--
1973	06/18/73	6.51	(230)	--	3.36	(11.01)	--
1974	08/08/74	13.0	(460)	--	4.00	(13.12)	--
1975	08/16/75	0.51	(18)	--	2.65	(8.70)	--
1976	06/24/76	.28	(10)	2	--	--	4
1977	08/09/77	8.50	(300)	--	3.60	(11.80)	--
1978	07/21/78	19.8	(700)	--	4.41	(14.47)	--

06600600 SOUTH OMAHA CREEK TRIBUTARY NEAR WALTHILL, NE

LOCATION.--Lat. 42°06'01", long 96°29'59" in SW1/4 NW1/4 sec.35, T.25 N., R.8 E., Thurston County, Hydrologic Unit 10230001, at county highway bridge (formerly U.S. Highway 73 W), 0.8 km (0.5 mi) south of east-west road 5.6 km (3.5 mi) south of Walthill.

DRAINAGE AREA.--6.84 km² (2.64 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). Prior to May 16, 1957, lowest recording stage was 3.35 m (11.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 39.9 m³/s (1,410 ft³/s) June 16, 1957, gage height, 4.44 m (14.57 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	08/07/50	29.2 (1030)	--	5.00 (14.30)	--
1951	08/14/51	12.5 (440)	--	4.14 (13.60)	--
1952	07/06/52	12.5 (440)	--	4.14 (13.59)	--
1953	06/07/53	16.7 (590)	--	4.22 (13.85)	--
1954	06/21/54	22.1 (780)	--	4.29 (14.08)	--
1955	08/09/55	4.25 (150)	--	3.58 (11.73)	--
1956	06/25/56	9.63 (340)	--	4.03 (13.22)	--
1957	06/16/57	39.9 (1410)	--	4.44 (14.57)	--
1958	02/27/58	4.53 (160)	--	3.61 (11.85)	--
1959	05/28/59	9.01 (318)	--	3.99 (13.08)	--
1960	08/28/60	12.7 (450)	--	4.36 (14.31)	--
1961	06/01/61	15.0 (528)	--	4.22 (13.86)	--
1962	05/20/62	24.4 (862)	--	4.32 (14.16)	--
1963	03/19/63	3.17 (112)	--	3.50 (11.48)	--
1964	05/26/64	8.02 (283)	--	3.95 (12.97)	--
1965	09/30/65	4.45 (157)	--	3.66 (12.00)	--
1966	04/19/66	7.45 (263)	--	3.91 (12.84)	--
1967	06/14/67	31.2 (1100)	--	4.38 (14.38)	--

06600700 SOUTH OMAHA CREEK NEAR WALTHILL, NE

LOCATION.--Lat. 42°07', long 96°29' in SW1/4 SE1/4 sec.23, T.25 N., R.8 E., Thurston County, Hydrologic Unit 10230001, at county highway bridge (formerly U.S. Highway 73 W) 0.3 km (0.2 mi) east of Chicago, Burlington, and Quincy railroad, and 3.2 km (2 mi) south of Walthill.

DRAINAGE AREA.--39.1 km² (15.1 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Gage datum is 370.3 m (1,215 ft) above sea level. Lowest recording stage is 1.71m (5.62 ft). Prior to June 3, 1955, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 286 m³/s (10,100 ft³/s) June 21, 1954, gage height, 5.70 m (18.71 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	08/07/50	37.9 (1340)	--	4.94 (16.20)	--
1951	02/28/51	29.2 (1030)	--	4.68 (15.36)	--
1952	07/06/52	149 (5250)	--	5.36 (17.57)	--
1953	06/07/53	122 (4300)	--	5.28 (17.34)	--
1954	06/21/54	286 10100)	--	5.70 (18.71)	--
1955	07/20/55	16.7 (590)	--	3.44 (11.30)	--
1956	07/11/56	20.0 (705)	--	3.96 (12.98)	--
1957	07/13/57	164 (5800)	--	5.40 (17.70)	--
1958	04/04/58	3.40 (120)	--	2.10 (6.90)	--
1959	05/28/59	41.9 (1480)	--	5.04 (16.53)	--
1960	08/28/60	22.2 (785)	--	4.20 (13.78)	--
1961	06/01/61	31.4 (1110)	--	4.73 (15.52)	--
1962	05/20/62	95.1 (3360)	--	5.18 (17.00)	--
1963	05/12/63	2.46 (87)	--	1.42 (4.67)	--
1964	05/26/64	28.6 (1010)	--	4.57 (14.99)	--
1965	07/19/65	12.7 (450)	--	2.90 (9.50)	--
1966	04/19/66	17.0 (600)	--	3.34 (10.97)	--
1967	06/14/67	184 (6500)	--	5.44 (17.86)	--

06600800 SOUTH OMAHA CREEK TRIBUTARY NO. 2 NEAR WALTHILL, NE

LOCATION.--Lat. 42°08'18", long 96°28'37", in NE1/4 SW1/4 sec.13, T.25 N., R.8 E., Thurston County, Hydrologic Unit 10230001, at culvert on U.S. Highway 77, 1.0 km (0.6 mi) south of State Highway 94 and 1.3 km (0.8 mile) southeast of Walthill.

DRAINAGE AREA.--4.27 km² (1.65 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-gage. The gage datum is 367.9 m (1,207.2 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 60.9 m³/s (2,150 ft³/s) June 20, 1954, gage height, 3.93 m (12.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	08/07/50	11.9	(420)	--	3.48	(11.40)	--
1951	02/28/51	9.91	(350)	--	3.41	(11.19)	--
1952	07/06/52	11.3	(400)	--	3.46	(11.36)	--
1953	06/07/53	34.6	(1220)	--	3.76	(12.32)	--
1954	06/20/54	60.9	(2150)	--	3.93	(12.90)	--
1955	03/01/55	11.0	(390)	--	3.45	(11.33)	--
1956	07/11/56	38.8	(1370)	--	3.79	(12.42)	--
1957	06/16/57	26.6	(940)	--	3.69	(12.11)	--
1958	07/02/58	2.27	(80)	--	2.90	(9.50)	--
1959	05/28/59	9.46	(334)	--	3.39	(11.13)	--
1960	08/28/60	5.32	(188)	--	3.54	(11.62)	--
1961	06/14/61	9.06	(320)	--	3.51	(11.53)	--
1962	03/23/62	4.25	(150)	--	3.85	(12.63)	1
1963	05/12/63	0.20	(7)	--	2.54	(8.35)	--
1964	05/26/64	10.9	(385)	--	3.58	(11.75)	--
1965	07/19/65	.99	(35)	--	2.86	(9.40)	--
1966	09/04/66	7.87	(278)	--	3.46	(11.36)	--
1967	06/14/67	18.1	(640)	--	3.85	(12.62)	--
1968	05/06/68	2.24	(79)	--	3.05	(10.02)	--
1969	03/18/69	12.2	(430)	--	3.66	(12.00)	--
1970	04/12/70	5.04	(178)	--	3.29	(10.79)	--
1971	02/18/71	13.4	(475)	--	3.71	(12.16)	--
1972	08/01/72	16.5	(583)	--	3.80	(12.47)	--
1973	03/23/73	4.53	(160)	--	3.26	(10.68)	--
1974	05/29/74	24.2	(856)	--	3.97	(13.03)	--
1975	06/18/75	3.68	(130)	--	3.18	(10.44)	--
1976	05/23/76	≤.01	(≤.5)	2	2.50	(8.20)	--
1977	10/04/76	.14	(5)	--	2.50	(8.20)	--
1978	03/18/78	11.3	(400)	--	3.64	(11.95)	--

06600900 SOUTH OMAHA CREEK AT WALTHILL, NE

LOCATION.--Lat. 42°08'54", long 96°28'58", in SE1/4 SE1/4 sec.11, T.25 N., R.8 E., Thurston County, Hydrologic Unit 10230001, at bridge on State Highway 94 at east side of Walthill.

DRAINAGE AREA.--133 km² (51.2 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-gage. Datum of gage is 360.58 m (1,183 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 402 m³/s (14,200 ft³/s) June 13, 1957, gage height, 7.60 m (24.92 ft). Maximum discharge recorded since at least 1940, 396 m³/s (14,000 ft³/s) June 20, 1954, gage height, 7.58 m (21.55 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	08/14/51	30.3 (1070)	--	5.03 (16.50)	--
1952	05/22/52	79.3 (2800)	--	6.44 (21.14)	--
1953	06/07/53	99.1 (3500)	--	6.57 (21.55)	--
1954	06/20/54	396 (14000)	--	7.58 (24.87)	--
1955	07/20/55	21.5 (760)	--	4.45 (14.61)	--
1956	06/25/56	51.2 (1810)	--	5.71 (18.74)	--
1957	06/13/57	402 (14200)	--	7.60 (24.92)	--
1958	02/27/58	18.4 (650)	--	4.22 (13.84)	--
1959	05/28/59	51.0 (1800)	--	5.71 (18.72)	--
1960	08/28/60	49.8 (1760)	--	5.65 (18.54)	--
1961	06/14/61	103 (3620)	--	5.60 (18.39)	--
1962	05/20/62	117 (4120)	--	5.82 (19.11)	--
1963	08/06/63	8.50 (300)	--	3.11 (10.21)	--
1964	05/26/64	100 (3530)	--	5.45 (17.88)	--
1965	09/30/65	48.1 (1700)	--	4.21 (13.83)	--
1966	09/04/66	103 (3650)	--	5.52 (18.11)	--
1967	06/14/67	163 (5760)	--	6.55 (21.50)	--
1968	06/25/68	7.93 (280)	--	3.09 (10.14)	--
1969	06/28/69	56.6 (2000)	--	4.44 (14.57)	--
1970	05/30/70	19.8 (700)	--	3.47 (11.37)	--
1971	02/18/71	168 (5940)	--	6.60 (21.67)	--
1972	08/01/72	55.5 (1980)	--	4.42 (14.51)	--
1973	03/23/73	35.4 (1250)	--	3.87 (12.70)	--
1974	05/29/74	105 (3700)	--	5.60 (18.36)	--
1975	06/18/75	109 (3850)	--	5.64 (18.52)	--
1976	05/23/76	10.2 (360)	--	3.18 (10.44)	--
1977	10/04/76	0.06 (2)	--	1.41 (4.62)	--
1978	03/18/78	31.2 (1100)	--	5.14 (16.88)	--

06601000 OMAHA CREEK AT HOMER, NE

LOCATION.--Lat. 42°19'29", long 96°29'43", in SW1/4 SE1/4 sec.11, T.27 N., R.8 E., Dakota County, Hydrologic Unit 101230001, on left bank downstream from bridge on main street of Home and at kilometer 7.6 (mile 4.7).

DRAINAGE AREA.--435 km² (168 mi²).

PERIOD OF RECORD.--1946 to current year. Monthly discharges only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 329.32 m (1,080.45 ft) above sea level. Prior to Aug. 4, 1952, at bridge .8 km (0.5 mi) downstream at datum 1.84 m (6.03 ft) lower. Aug. 4, 1952, to Nov. 6, 1966, at site 24.4 km (80 ft) upstream at datum 0.6 m (2.0 ft) higher. Nov. 4 1966 to Sept. 30, 1989, at present site at datum 0.6 m (2.0 ft) higher. June 27, 1984 to Aug. 28, 1984, at temporary site 213 m (700 ft) downstream at present datum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1920 estimated to be 1440 m³/s (51,000 ft³/s) June 4, 1940, gage height 9.91 m (32.5 ft), present site and datum, discharge estimated at site 4.0 m (2.5 mi) upstream from present site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 513 m³/s (18,100 ft³/s) Feb. 19, 1971, gage height, 8.07 m (26.47 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1940	06/04/40	1440	(51000)	2, 7	9.91	(32.50)	--
1946	06/29/46	30.9	(1090)	--	2.86	(9.40)	--
1947	06/12/47	26.6	(939)	--	2.47	(8.10)	2
1948	02/27/48	59.5	(2100)	2			
1949	07/06/49	93.4	(3300)	2	4.51	(14.80)	--
1950	08/07/50	91.8	(3240)	--	4.51	(14.84)	2
1951	08/15/51	82.1	(2900)	2	4.27	(14.00)	--
1952	05/23/52	169	(5950)	--	6.16	(20.22)	--
1953	06/08/53	135	(4760)	--	3.82	(12.52)	--
1954	06/21/54	289	(10200)	--	6.53	(21.41)	--
1955	08/09/55	38.2	(1350)	--	1.65	(5.41)	2
1956	06/26/56	215	(7580)	--	4.99	(16.38)	--
1957	06/14/57	286	(10100)	--	6.20	(20.35)	--
1958	07/02/58	408	(14400)	--	7.20	(23.62)	--
1959	05/31/59	116	(4150)	--	3.16	(10.36)	--
1960	08/28/60	98.0	(3460)	--	3.45	(11.31)	--
1961	08/14/61	68.0	(2400)	--	2.24	(7.36)	2
1962	05/21/62	136	(4800)	--	3.72	(12.20)	2
1963	06/01/63	97.7	(3450)	--	2.90	(9.50)	--
1964	05/26/64	59.5	(2100)	--	2.07	(6.80)	--
1965	09/30/65	91.8	(3240)	--	2.76	(9.07)	2
1966	02/08/66	163	(5750)	--	4.16	(13.66)	--
1967	06/14/67	194	(6860)	--	4.66	(15.30)	--
1968	06/25/68	15.0	(531)	--	0.97	(3.17)	--
1969	06/28/69	161	(5670)	--	4.13	(13.54)	--
1970	09/02/70	90.1	(3180)	--	2.71	(8.89)	--
1971	02/19/71	513	(18100)	--	8.07	(26.47)	--
1972	07/17/72	139	(4920)	--	5.33	(17.50)	--
1973	07/09/73	43.6	(1540)	--	2.71	(8.89)	--
1974	05/29/74	110	(3900)	--	4.68	(15.34)	--
1975	06/20/75	138	(4860)	--	5.28	(17.31)	--

06601000 OMAHA CREEK AT HOMER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	02/15/76	6.51	(230)	--	1.00	(3.28)	1
1977	08/09/77	24.9	(878)	--	1.98	(6.49)	--
1978	03/18/78	137	(4720)	--	5.36	(17.60)	--
1979	03/18/79	66.8	(2360)	--	3.72	(12.20)	1
1980	05/30/80	80.7	(2850)	--	3.81	(12.49)	--
1981	07/17/81	61.4	(2170)	--	3.16	(10.36)	--
1982	07/06/82	106	(3740)	--	4.56	(14.97)	--
1983	06/18/83	110	(3900)	--	4.71	(15.45)	--
1984	06/22/84	115	(4060)	--	4.82	(15.82)	--
1985	04/23/85	108	(3810)	--	4.56	(14.96)	--
1986	03/ /86	67.4	(2380)	B	3.37	(11.05)	--
1987	03/23/87	18.4	(650)	--	1.34	(4.38)	--
1988	07/16/88	51.2	(1810)	--	2.79	(9.14)	--
1989	05/29/89	85.0	(3000)	2			
1990	06/16/90	104	(3660)	--	5.08	(16.67)	--
1991	05/15/91	45.9	(1620)	--	3.06	(10.05)	--
1992	07/12/92	21.2	(748)	--	2.03	(6.65)	--
1993	07/09/93	193	(6820)	--	3.46	(11.36)	--

06607700 SOUTH BRANCH TEKAMAH CREEK NEAR CRAIG, NE

LOCATION.--Lat. 41°46', long 96°20' in NW1/4 sec.29, T.21 N., R.10 E., Burt County, Hydrologic Unit 10230001, at culvert on east-west road, 8 m (5 mi) west of Tekamah and 4.0 m (2.5 mi) southwest of Craig.

DRAINAGE AREA.--6.58 km² (2.54 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage, since May 20, 1964, is 2.67 m (8.75 ft). Prior to July 13, 1960, lowest recording stage was 3.96 m (13.00 ft). From July 13, 1960, until June 12, 1962, lowest recording stage was 3.35 m (11.00 ft). From June 12, 1962, until May 20, 1964, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 72.8 m³/s (2,570 ft³/s) June 5, 1963, gage height, 5.76 m (18.91 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/15/50	73.1 (2580)	2	7.41 (24.30)	--
1951	07/03/51	23.6 (834)	--	4.76 (15.60)	--
1952	07/06/52	21.5 (760)	--	4.93 (16.18)	--
1953	05/24/53	8.21 (290)	--	4.11 (13.47)	--
1954	06/21/54	35.1 (1240)	--	5.63 (18.46)	--
1955	07/13/55	6.23 (220)	--	3.97 (13.02)	--
1956	05/13/56	28.3 (1000)	--	5.29 (17.37)	--
1957	06/21/57	4.19 (148)	--	3.81 (12.51)	--
1958	08/13/58	20.5 (725)	--	4.31 (14.14)	--
1959	05/28/59	20.2 (713)	--	4.30 (14.09)	--
1960	06/20/60	20.7 (730)	--	4.40 (14.42)	--
1961	06/14/61	4.62 (163)	--	3.43 (11.26)	--
1962	05/26/62	27.7 (978)	--	4.73 (15.51)	--
1963	06/05/63	72.8 (2570)	--	5.76 (18.91)	--
1964	06/22/64	9.77 (345)	--	3.80 (12.46)	--
1965	06/29/65	24.1 (850)	--	4.56 (14.97)	--
1966	03/23/66	6.91 (244)	--	3.61 (11.85)	--
1967	06/14/67	11.6 (410)	--	3.91 (12.82)	--

06607800 SOUTH BRANCH TEKAMAH CREEK TRIBUTARY NEAR TEKAMAH, NE

LOCATION.--Lat. 41°45'15", long 96°17'11" in NW1/4 NW1/4 sec.34, T.21 N., R.10 E., Burt County, Hydrologic Unit 10230001, at bridge on county road, 6.4 km (4 mi) southwest of Tekamah.

DRAINAGE AREA.--10.6 km² (4.08 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 344.42 m (1,130 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 142 m³/s (5,000 ft³/s) July 15, 1950, gage height, 5.88 m (19.30 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/15/50	142	(5000)	2	5.88	(19.30)	--
1951	07/20/51	24.6	(870)	--	4.59	(15.05)	--
1952	07/06/52	15.6	(552)	--	3.83	(12.58)	--
1953	02/19/53	19.8	(700)	--	4.19	(13.76)	--
1954	04/21/54	28.9	(1020)	--	4.92	(16.15)	--
1955	07/13/55	11.0	(390)	--	3.40	(11.17)	--
1956	05/13/56	13.3	(470)	--	3.58	(11.75)	--
1957	06/21/57	32.9	(1160)	--	5.18	(16.99)	--
1958	08/13/58	25.2	(890)	--	4.63	(15.20)	--
1959	06/28/59	25.9	(915)	--	4.68	(15.37)	--
1960	06/20/60	36.5	(1290)	--	5.35	(17.56)	--
1961	06/14/61	12.7	(448)	--	3.56	(11.68)	--
1962	06/06/62	24.7	(873)	--	4.59	(15.05)	--
1963	06/05/63	77.9	(2750)	--	5.55	(18.20)	--
1964	05/25/64	16.8	(595)	--	3.94	(12.91)	--
1965	06/29/65	28.9	(1020)	--	4.90	(16.07)	--
1966	06/09/66	10.6	(376)	--	3.38	(11.10)	--
1967	06/14/67	21.0	(740)	--	4.27	(14.01)	--
1968	06/25/68	10.6	(376)	--	3.38	(11.09)	--
1969	10/17/68	1.98	(70.0)	2	--	--	4
1970	06/12/70	2.83	(100)	--	2.56	(8.39)	--
1971	02/18/71	10.5	(370)	--	3.36	(11.03)	--
1972	03/21/72	0.08	(3.00)	--	1.99	(6.54)	--
1973	03/25/73	4.53	(160)	--	2.74	(9.00)	--
1974	06/08/74	25.6	(905)	--	4.65	(15.27)	--
1975	04/28/75	30.9	(1090)	--	5.08	(16.67)	--
1976	05/23/76	.99	(35.0)	--	2.37	(7.78)	--
1977	08/09/77	16.1	(570)	--	3.87	(12.70)	--
1978	03/18/78	8.50	(300)	2	3.78	(12.39)	--

06607900 SOUTH BRANCH TEKAMAH CREEK NEAR TEKAMAH, NE

LOCATION.--Lat. 41°46', long 96°17' in SW1/4 NW1/4 sec.27, T.21 N., R.10 E., Burt County, Hydrologic Unit 10230001, at bridge on north-south county road, 0.3 km (0.2 mi) south of C.S.P.M.&O Railroad, and 4.8 km (3 mi) west of Tekamah.

DRAINAGE AREA.--25.2 km² (9.73 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 338.94 m (1,112 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 129 m³/s (4,560 ft³/s) June 5, 1963, gage height, 6.81 m (22.33 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/15/50	82.1 (2900)	--	6.10 (20.00)	--
1951	07/03/51	39.6 (1400)	--	5.62 (18.45)	--
1952	07/06/52	33.1 (1170)	--	5.16 (16.92)	--
1953	02/19/53	19.5 (690)	--	4.14 (13.60)	--
1954	04/21/54	88.6 (3130)	--	6.15 (20.17)	--
1955	07/13/55	15.0 (530)	--	3.79 (12.44)	--
1956	05/13/56	26.7 (944)	--	4.69 (15.40)	--
1957	06/21/57	36.5 (1290)	--	5.39 (17.68)	--
1958	08/13/58	36.0 (1270)	--	5.36 (17.58)	--
1959	05/28/59	34.8 (1230)	--	5.28 (17.31)	--
1960	06/20/60	48.7 (1720)	--	5.76 (18.91)	--
1961	06/14/61	12.3 (435)	--	3.56 (11.68)	--
1962	05/26/62	30.6 (1080)	--	4.97 (16.31)	--
1963	06/05/63	129 (4560)	--	6.81 (22.33)	--
1964	05/25/64	22.3 (788)	--	4.36 (14.32)	--
1965	06/29/65	73.1 (2580)	--	6.09 (19.98)	--
1966	03/23/66	22.3 (787)	--	4.36 (14.31)	--
1967	06/14/67	23.7 (838)	--	4.47 (14.67)	--

06608000 TEKAMAH CREEK AT TEKAMAH, NE

LOCATION.--Lat. 41°46'30", long 96°13'10" in SE1/4 sec.19, T.21 N., R.11 E., Burt County, Hydrologic Unit 10230001, 9.1 m (30 ft) upstream from bridge one block east of U.S. Highway 73 in Tekamah.

DRAINAGE AREA.--59.6 km² (23.0 mi²).

PERIOD OF RECORD.--1950 to 1989 (discontinued).

GAGE.--Water-stage recorder (1950-1981) Crest-stage gage (1982-1989). Datum of gage is 314.66 m (1,032.36 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 175 m³/s (6,180 ft³/s) June 5, 1963, gage height, 5.07 m (16.62 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/15/50	125	(4400)	--	4.35	(14.26)	--
1951	08/20/51	123	(4340)	--	4.36	(14.29)	--
1952	06/27/52	69.4	(2450)	--	3.67	(12.05)	--
1953	05/24/53	18.7	(662)	--	2.36	(7.74)	--
1954	04/21/54	117	(4140)	--	4.25	(13.95)	--
1955	04/27/55	16.0	(564)	--	2.12	(6.94)	--
1956	05/13/56	36.2	(1280)	--	2.89	(9.47)	--
1957	06/22/57	89.5	(3160)	--	3.89	(12.75)	--
1958	08/13/58	86.9	(3070)	--	4.60	(15.10)	--
1959	05/28/59	62.6	(2210)	--	3.90	(12.79)	--
1960	06/20/60	70.0	(2470)	--	3.44	(11.30)	--
1961	09/10/61	11.3	(400)	2	1.81	(5.93)	--
1962	05/26/62	77.9	(2750)	--	3.57	(11.72)	--
1963	06/05/63	175	(6180)	--	5.07	(16.62)	--
1964	08/20/64	27.1	(958)	--	2.47	(8.11)	--
1965	06/05/65	109	(3860)	--	4.05	(13.30)	--
1966	02/09/66	28.3	(1000)	2	3.14	(10.30)	1
1967	06/14/67	43.9	(1550)	--	2.93	(9.60)	--
1968	06/25/68	68.5	(2420)	--	3.41	(11.20)	--
1969	10/17/68	12.0	(423)	--	1.86	(6.09)	2
1970	03/03/70	5.66	(200)	2	1.64	(5.38)	1
1971	03/27/71	116	(4080)	--	4.15	(13.62)	--
1972	09/12/72	13.5	(477)	--	1.96	(6.44)	2
1973	05/27/73	21.0	(743)	--	2.21	(7.26)	2
1974	05/18/74	139	(4910)	--	4.51	(14.80)	--
1975	04/28/75	173	(6110)	--	5.03	(16.51)	--
1976	06/26/76	1.39	(49)	--	1.12	(3.67)	2
1977	08/31/77	61.4	(2170)	--	3.29	(10.78)	--
1978	03/18/78	73.6	(2600)	--	3.86	(12.65)	1
1979	06/18/79	3.40	(1920)	--	3.15	(10.33)	--
1980	10/31/79	9.37	(331)	--	1.90	(6.24)	--
1981	08/05/81	0.91	(32)	--	1.26	(4.14)	2
1982	07/10/82	104	(3660)	1	4.03	(13.22)	--
1983	06/14/83	35.4	(1250)	1	2.71	(8.90)	--
1984	06/16/84	118	(4160)	--	4.25	(13.93)	--
1985	03/04/85	4.11	(145)	--	1.64	(5.37)	--
1986	06/14/86	161	(5700)	--	4.85	(15.92)	--
1987	08/08/87	147	(5200)	--	4.68	(15.35)	--
1988	02/19/88	76.5	(2700)	--	3.59	(11.78)	--
1989	09/04/89	159	(5600)	--	4.85	(15.91)	--

06608600 NEW YORK CREEK NEAR SPIKER, NE

LOCATION.--Lat. 41°38', long 96°20' in NW1/4 NW1/4 sec.8, T.19 N., R.10 E., Washington County, Hydrologic Unit 10230001, at culvert on north-south county road, 1.8 km (1.1 mi) due west of Site NY-4 and 4.0 km (2.5 mi) northwest of Spiker.

DRAINAGE AREA.--4.53 km² (1.75 mi²).

PERIOD OF RECORD.--1952 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 364.85 m (1,197 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 48.1 m³/s (1,700 ft³/s) June 20, 1960, gage height, 5.06 m (16.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	06/21/52	9.83 (347)	--	4.19 (13.74)	--
1953	06/07/53	0.31 (11)	--	2.96 (9.70)	--
1954	04/21/54	.48 (17)	--	3.05 (10.00)	--
1955	06/05/55	.71 (25)	--	3.11 (10.20)	--
1956	05/29/56	.48 (17)	--	3.05 (10.00)	--
1957	06/15/57	39.1 (1380)	--	4.94 (16.19)	--
1958	08/05/58	11.5 (405)	--	4.36 (14.29)	--
1959	06/28/59	14.8 (523)	--	4.55 (14.92)	--
1960	06/20/60	48.1 (1700)	--	5.06 (16.60)	--
1961	07/28/61	10.2 (360)	--	4.23 (13.89)	--
1962	06/06/62	8.69 (307)	--	4.08 (13.37)	--
1963	06/05/63	9.01 (318)	--	4.11 (13.47)	--
1964	09/05/64	36.8 (1300)	--	4.13 (13.56)	--
1965	05/23/65	11.2 (395)	--	3.54 (11.63)	--
1966	06/08/66	16.0 (566)	--	3.61 (11.83)	--
1967	06/09/67	36.8 (1300)	--	3.98 (13.04)	--

06608700 NEW YORK CREEK TRIBUTARY NEAR SPIKER, NE

LOCATION.--Lat. 41°38'24", long 96°18'27", in SW1/4 SW1/4 sec.4, T.19 N., R.10 E., Washington County, Hydrologic Unit 10230001, at box culvert on east-west county road, 91 m (300 ft) east of north-south county road (formerly State Highway 93), and 3.54 km (2.2 mi) north of Spiker, Washington County.

DRAINAGE AREA.--4.01 km² (1.55 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Two sections of Columbus-type crest stage gage at upstream end of culvert. Datum of gage is 361.19m (1185 ft) above sea level. Original gage was established on Feb. 21, 1951, on downstream steel pile of east bridge abutment. Lowest recording stage, at that time, was 3.84 m (12.61 ft). During April and May of 1951, the abutment caved in. The bridge was rebuilt, and on July 11, 1951, the gage was reestablished on the downstream steel pile of the east pier at a datum .1 m (.33 ft) higher. Lowest recording stage, at that time, was 3.94 m (12.94 ft). The bridge was removed and replaced with a concrete box culvert between Aug. 5, and Sept. 27, 1958. There is a drop inlet structure at the upstream end of the culvert. On October 10, 1958, a College Park-type crest-stage gage was installed on the right downstream wingwall of the culvert at a datum .90 m (2.94 ft) lower than that of July 11, 1951. Lowest recording stage was 3.45 m (11.31 ft). On June 12, 1962, the gage was lengthened from 2.63 m (8.63 ft) to 4.17 m (13.67 ft), which made the lowest recording stage 2.74 m (8.98 ft). Datum was maintained. On May 19, 1964, the gage was replaced by two sections of tailwater gage on the right downstream wingwall, and the present gage on the left end of the headwall for the drop inlet. The lowest recording stage, at that time, was 7.51 m (24.65 ft). On April 25, 1967, the two downstream sections of gage were buried by road fill repairs and records since have been based on the upstream gage. Since July 20, 1971, the lowest recording stage has been 25.05 ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 44.7 m³/s (1,580 ft³/s) June 21, 1957.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	08/20/51	6.80 (240)	--	--	--
1952	06/21/52	34.5 (1220)	--	--	--
1953	05/20/53	0.03 (1)	--	--	--
1954	06/21/54	.57 (20)	--	--	--
1955	07/13/55	4.76 (168)	--	--	--
1956	05/13/56	1.33 (47)	--	--	--
1957	06/21/57	44.7 (1580)	--	--	--
1958	08/05/58	10.3 (365)	--	--	--
1959	06/28/59	14.0 (496)	--	--	--
1960	06/20/60	38.8 (1370)	--	--	--
1961	05/30/61	10.0 (354)	--	--	--
1962	06/06/62	7.70 (272)	--	--	--
1963	06/05/63	10.6 (375)	--	8.37 (27.46)	--
1964	05/25/64	32.9 (1160)	--	9.34 (30.63)	--
1965	06/29/65	5.01 (177)	--	7.79 (25.57)	--
1966	08/20/66	13.5 (477)	--	8.52 (27.96)	--
1967	06/09/67	16.2 (572)	--	8.64 (28.36)	--
1968	06/25/68	1.78 (63)	--	7.81 (25.63)	--
1969	03/17/69	1.08 (38)	--	7.74 (25.40)	--
1970	06/11/70	3.51 (124)	--	7.94 (26.05)	--
1971	06/06/71	11.2 (396)	--	8.40 (27.57)	--
1972	10/30/71	5.38 (190)	--	8.06 (26.46)	--
1973	05/27/73	1.70 (60)	--	7.80 (25.58)	--
1974	08/15/74	2.78 (98)	--	7.89 (25.90)	--
1975	04/28/75	5.95 (210)	--	8.10 (26.57)	--
1976	05/23/76	7.08 (250)	--	8.17 (26.80)	--
1977	08/09/77	3.96 (140)	--	7.97 (26.15)	--
1978	06/20/78	28.3 (1000)	--	9.90 (29.83)	--

06608800 NEW YORK CREEK NORTH OF SPIKER, NE

LOCATION.--Lat. 41°37'32", long 96°18'34" in NE1/4 NE1/4 sec.8, T.19 N., R.10 E., Washington County, Hydrologic Unit 10220003, at abandoned concrete arch bridge, 30.5 m (100 ft) west of present county road crossing (formerly Highway 93), and 1.8 km (1.1 mi) northwest of Spiker.

DRAINAGE AREA.--16.8 km² (6.50 mi²).

PERIOD OF RECORD.--1951 to 1975 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 350.101 m (1,148.626 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 103 m³/s (3,620 ft³/s) June 20, 1960, gage height, 7.34 m (24.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	07/02/51	87.5 (3090)	--	7.05 (23.14)	--
1952	06/21/52	54.9 (1940)	--	6.04 (19.80)	--
1953	07/12/53	3.40 (120)	--	2.86 (9.40)	--
1954	06/21/54	3.54 (125)	--	2.90 (9.50)	--
1955	07/13/55	9.63 (340)	--	3.54 (11.61)	--
1956	05/13/56	3.96 (140)	--	2.94 (9.66)	--
1957	06/21/57	89.5 (3160)	--	7.13 (23.40)	--
1958	07/30/58	35.4 (1250)	--	5.19 (17.04)	--
1959	06/28/59	39.1 (1380)	--	5.37 (17.64)	--
1960	06/20/60	103 (3620)	--	7.34 (24.07)	--
1961	05/30/61	35.4 (1250)	--	5.19 (17.02)	--
1962	06/03/62	26.3 (930)	--	4.70 (15.41)	--
1963	06/05/63	46.7 (1650)	--	5.72 (18.75)	--
1964	09/05/64	80.4 (2840)	--	6.84 (22.44)	--
1965	05/23/65	30.0 (1060)	--	4.91 (16.11)	--
1966	08/20/66	41.3 (1460)	--	5.48 (17.99)	--
1967	06/09/67	74.8 (2640)	--	6.67 (21.88)	--
1968	06/25/68	8.02 (283)	--	3.40 (11.15)	--
1969	03/17/69	8.30 (293)	--	3.42 (11.22)	--
1970	03/03/70	32.3 (1140)	--	5.02 (16.46)	--
1971	06/06/71	46.2 (1630)	--	5.70 (18.70)	--
1972	03/21/72	7.93 (280)	--	3.38 (11.10)	--
1973	05/27/73	23.5 (830)	--	4.55 (14.93)	--
1974	05/26/74	9.06 (320)	--	3.51 (11.53)	--
1975	04/28/75	47.9 (1690)	--	5.77 (18.93)	--

06608900 NEW YORK CREEK EAST OF SPIKER, NE

LOCATION.--Lat. 41°36'53", long 96°16'14", in SE1/4 SE1/4 sec.15, T.19 N., R.10 E., Washington County, Hydrologic Unit 10230001, on left upstream wingwall on north-south dirt road, 61 m (200 ft). south of country road, and 4.2 km (2.6 mi) east of Spiker.

DRAINAGE AREA.--36.0 km² (13.9 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-gage. Datum of gage was 338.33 m (1,110 ft) above sea level. Lowest recording stage is 2.54 m (8.32 ft). Prior to April 29, 1965, lowest recording stage was 3.05 m (10.00 ft). Gage was removed on June 30, 1960 after bridge was found washed out. Gage reinstalled to same datum on Jan. 24, 1961. Between Sept. 29, 1964 and April 27, 1965, the former left abutment of the truss bridge had been adapted to a pier, had been added to the bridge at the left end of the truss. The gage had been reinstalled on the upstream end of the pier and the previous datum was reported missing on Nov. 20, 1974. By May 15, 1975 the bridge was rebuilt. On May 13, 1975 new reference marks were established and a new gage was installed. The datum was recovered and maintained.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 262 m³/s (9,250 ft³/s) June 20, 1960, gage height, 7.63 m (25.03 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1950	07/15/50	80.7 (2850)	--	6.46 (21.20)	--
1951	07/02/51	170 (6020)	--	7.36 (24.14)	--
1952	06/21/52	46.2 (1630)	--	5.21 (17.09)	--
1953	06/07/53	2.12 (75)	--	2.16 (7.10)	--
1954	06/21/54	6.80 (240)	--	2.87 (9.42)	--
1955	07/13/55	8.78 (310)	--	3.11 (10.21)	--
1956	05/13/56	4.25 (150)	--	2.50 (8.20)	--
1957	06/21/57	137 (4820)	--	7.25 (23.78)	--
1958	07/30/58	28.9 (1020)	--	4.45 (14.61)	--
1959	06/28/59	36.2 (1280)	--	4.80 (15.73)	--
1960	06/20/60	262 (9250)	--	7.63 (25.03)	--
1961	07/28/61	11.9 (420)	--	3.44 (11.28)	--
1962	06/06/62	15.0 (530)	--	3.71 (12.18)	--
1963	06/05/63	42.8 (1510)	--	5.08 (16.65)	--
1964	09/06/64	100 (3530)	--	6.90 (22.65)	--
1965	05/23/65	13.3 (470)	--	3.54 (11.62)	--
1966	08/20/66	35.4 (1250)	--	4.78 (15.69)	--
1967	06/09/67	60.0 (2110)	--	5.74 (18.82)	--
1968	06/25/68	7.93 (280)	--	3.00 (9.86)	--
1969	03/17/69	7.93 (280)	--	2.99 (9.82)	--
1970	03/03/70	22.1 (780)	--	4.14 (13.60)	--
1971	06/06/71	33.4 (1180)	--	4.70 (15.41)	--
1972	05/01/72	4.25 (150)	--	2.54 (8.34)	--
1973	05/27/73	22.7 (800)	--	4.18 (13.72)	--
1974	04/16/74	4.96 (175)	--	2.61 (8.57)	--
1975	04/28/75	21.5 (760)	--	4.13 (13.54)	--
1976	05/23/76	19.3 (680)	--	4.01 (13.16)	--
1977	05/08/77	6.23 (220)	--	2.82 (9.25)	--
1978	06/20/78	21.2 (750)	--	4.11 (13.48)	--

06609000 NEW YORK CREEK AT HERMAN, NE

LOCATION.--Lat. 41°39'40", long 96°12'10" in NW1/4 sec.32, T.20 N., R.11 E., Washington County, Hydrologic Unit 10230001, on the left bank 30.5 m (100 ft) downstream from Chicago, St. Paul, Minneapolis and Omaha Railroad bridge, 107 m (350 ft) downstream from bridge on U.S. Highway 73 and 0.8 km (0.5 mi) southeast of Herman.

DRAINAGE AREA.--65.8 km² (25.4 mi²).

PERIOD OF RECORD.--1946 to 1969 (discontinued).

GAGE.--Water stage recorder. Datum of gage is 311.41 m (1,021.67 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 133 m³/s (4,700 ft³/s) June 11, 1944, gage height, 6.34 m (20.80 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 156 m³/s (5,500 ft³/s) July 15, 1950, gage height, 5.94 m (19.50 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1944	06/11/44	133	(4700)	7	6.34	(20.80)	--
1946	06/28/46	22.7	(800)	--	3.17	(10.40)	--
1947	06/12/47	82.4	(2910)	--	5.18	(17.00)	--
1948	09/02/48	71.4	(2520)	--	5.00	(16.41)	--
1949	09/11/49	47.0	(1660)	--	4.07	(13.35)	2
1950	07/15/50	156	(5500)	--	5.94	(19.50)	--
1951	07/03/51	117	(4130)	--	5.01	(16.45)	--
1952	06/27/52	51.8	(1830)	--	3.48	(11.43)	--
1953	03/10/53	0.51	(18)	--	1.32	(4.33)	2
1954	06/21/54	11.2	(395)	--	2.11	(6.92)	--
1955	07/13/55	18.3	(646)	--	2.43	(7.96)	--
1956	09/04/56	18.1	(640)	--	2.68	(8.80)	--
1957	06/15/57	120	(4230)	--	5.23	(17.16)	--
1958	07/30/58	43.9	(1550)	--	4.48	(14.70)	--
1959	06/28/59	36.0	(1270)	--	3.77	(12.38)	--
1960	06/20/60	125	(4420)	--	6.08	(19.93)	--
1961	05/30/61	35.7	(1260)	--	3.25	(10.65)	--
1962	06/03/62	46.4	(1640)	--	4.07	(13.35)	--
1963	06/05/63	43.3	(1530)	--	3.96	(13.00)	--
1964	09/06/64	99.1	(3500)	--	5.52	(18.10)	--
1965	09/07/65	15.1	(534)	--	2.80	(9.17)	2
1966	02/08/66	32.6	(1150)	--	3.57	(11.72)	--
1967	06/09/67	57.8	(2040)	--	4.45	(14.61)	--
1968	06/25/68	8.10	(286)	--	2.38	(7.82)	--
1969	07/09/69	7.70	(272)	--	2.36	(7.73)	2

06610700 BIG PAPILLION CREEK NEAR ORUM, NE

LOCATION.--Lat. 41°32'44", long 96°13'10", in NW1/4 SE1/4 sec.7, T.18 N., R.11 E., Washington County, Hydrologic Unit 10230006, on downstream side of bridge on State Highway No. 91, 4.3 km (2.7 mi) east of Orum and 6.9 km (4.3 mi) west of Blair.

DRAINAGE AREA.--22.1 km² (8.52 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-gage. Datum of gage is 376.12 m (1,234 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 22.9 m³/s (810 ft³/s) Mar. 6, 1971, gage height, 4.71 m (15.46 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	08/27/68	3.54 (125)	--	3.17 (10.40)	--
1969	03/17/69	15.0 (530)	--	4.23 (13.89)	1
1970	06/11/70	20.8 (735)	--	4.61 (15.13)	--
1971	03/06/71	22.6 (800)	--	4.71 (15.46)	--
1972	07/26/72	4.11 (145)	--	3.25 (10.67)	--
1973	05/27/73	9.29 (328)	--	3.80 (12.45)	--
1974	08/08/74	7.93 (280)	--	3.67 (12.05)	--
1975	05/28/75	3.40 (120)	--	3.16 (10.35)	--
1976	09/26/76	1.08 (38)	--	2.71 (8.90)	--
1977	05/11/77	21.2 (746)	--	4.69 (15.38)	--
1978	06/20/78	19.0 (670)	--	4.50 (14.75)	--

06677500 HORSE CREEK NEAR LYMAN, NE

LOCATION.--Lat. 41°56'21", long 103°59'13", in SE1/4 NE1/4 sec.25, T.23 N., R.58 W., Scotts Bluff County, Hydrologic Unit 10180012, on right bank 3.1 m (10 ft) upstream from county highway bridge, 2.90 km (1.8 mi) upstream from mouth, 3.5 km (2.2 mi) downstream from Owl Creek, and 5.1 km (3.2 mi) northeast of Lyman.

DRAINAGE AREA.--4,070 km² (1,570 mi²), approximately, of which about 96 km² (37 mi²) is noncontributing.

PERIOD OF RECORD.--1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,217.02 m (3,992.84 ft) above sea level (levels by private engineering firm). See WSP 2118 for history of changes prior to Apr. 17, 1967.

REMARKS.--Natural flow of stream affected by ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 145 m³/s (5,110 ft³/s) June 6, 1967.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1931	10/02/30	8.69	(307)	2,5	--	--	--
1932	06/21/32	14.4	(508)	5	--	--	--
1933	05/23/33	30.3	(1070)	5	--	--	--
1934	10/01/33	10.6	(373)	5	--	--	--
1935	06/13/35	32.6	(1150)	5	--	--	--
1936	06/06/36	11.4	(401)	5	--	--	--
1937	09/30/37	11.9	(421)	5	--	--	--
1938	05/19/38	55.8	(1970)	5	--	--	--
1939	10/02/38	6.37	(225)	5	--	--	--
1940	07/15/40	3.43	(121)	5	--	--	--
1941	06/09/41	37.4	(1320)	5	--	--	--
1942	05/13/42	20.1	(712)	5	--	--	--
1943	05/22/43	23.2	(818)	5	--	--	--
1944	06/12/44	8.02	(283)	5	--	--	--
1945	05/28/45	52.4	(1850)	5	--	--	--
1946	05/04/46	11.2	(396)	5	--	--	--
1947	06/21/47	22.4	(790)	5	--	--	--
1948	06/17/48	21.4	(754)	5	--	--	--
1949	06/13/49	19.0	(670)	5	--	--	--
1950	09/20/50	25.2	(890)	5	--	--	--
1951	09/03/51	21.6	(762)	5	--	--	--
1952	06/27/52	32.0	(1130)	5	--	--	--
1953	06/07/53	32.9	(1160)	5	--	--	--
1954	05/23/54	17.8	(629)	5	--	--	--
1955	05/26/55	21.0	(742)	5	--	--	--
1956	07/03/56	38.2	(1350)	5	--	--	--
1957	07/29/57	57.8	(2040)	5	--	--	--
1958	06/09/58	40.2	(1420)	5	--	--	--
1959	07/15/59	14.0	(495)	5	--	--	--
1960	06/10/60	8.72	(308)	5	--	--	--

06677500 HORSE CREEK NEAR LYMAN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1961	05/14/61	18.5	(652)	5	--	--	--
1962	05/24/62	52.7	(1860)	5	--	--	--
1963	05/29/63	39.4	(1390)	5	--	--	--
1964	05/28/64	7.48	(264)	5	--	--	--
1965	05/14/65	10.5	(670)	5	--	--	--
1966	06/10/66	14.6	(514)	5	--	--	--
1967	06/06/67	145	(5110)	5	--	--	--
1968	07/09/68	18.5	(654)	5	1.52	(4.98)	--
1969	06/11/69	12.3	(433)	5	1.21	(3.97)	--
1970	06/12/70	41.1	(1450)	5	2.16	(7.10)	--
1971	05/05/71	51.0	(1800)	5	2.24	(7.36)	--
1972	09/08/72	10.5	(371)	5	1.31	(4.29)	--
1973	09/15/73	15.4	(544)	5	1.64	(5.38)	--
1974	06/08/74	15.6	(550)	5	1.56	(5.12)	--
1975	06/20/75	10.8	(382)	5	1.32	(4.33)	--
1976	05/23/76	10.8	(383)	5	1.23	(4.04)	--
1977	06/22/77	12.0	(424)	5	1.27	(4.16)	2
1978	07/06/78	22.1	(780)	5	1.58	(5.17)	--
1979	07/27/79	119	(4210)	5	2.90	(9.52)	--
1980	05/24/80	87.2	(3080)	5	2.57	(8.42)	--
1981	07/13/81	70.8	(2500)	5	2.37	(7.78)	--
1982	08/23/82	15.1	(533)	5	1.49	(4.90)	--
1983	05/19/83	25.8	(911)	5	1.76	(5.77)	--
1984	07/31/84	25.1	(885)	5	1.84	(6.02)	--
1985	06/05/85	10.9	(384)	5	1.46	(4.78)	2
1986	06/10/86	33.1	(1170)	5	2.24	(7.35)	--
1987	05/23/87	39.1	(1380)	5	2.40	(7.88)	--
1988	05/20/88	20.6	(727)	5	1.84	(6.04)	--
1989	05/16/89	9.54	(337)	5	1.31	(4.30)	--
1990	06/16/90	8.52	(301)	5	1.30	(4.28)	--
1991	05/16/91	31.4	(1110)	5	2.18	(7.17)	--
1992	05/22/92	20.4	(719)	5	1.84	(6.04)	--
1993	06/07/93	34.6	(1220)	5	2.24	(7.35)	--

***06678000 SHEEP CREEK NEAR MORRILL, NE**

LOCATION.--Lat. 41°57'50", long 103°56'20", in NW1/4 SW1/4 sec.16, T.23 N., R.57 W., Scotts Bluff County, Hydrologic Unit 10180009, on right bank 12 m (40 ft) upstream from Burlington Northern Inc. bridge, 15 m (50 ft) downstream from bridge on U.S. Highway 26, 1.6 km (1 mi) west of Morrill, and 2.4 km (1.5 mi) upstream from mouth.

DRAINAGE AREA.--938 km² (362 mi²), of which about 65 km² (25 mi²) is noncontributing.

PERIOD OF RECORD.--1933 to 1993.

GAGE.--Water-stage recorder. Datum of gage is 1,217.69 m (3,995.04 ft) above sea level. Prior to Apr. 14, 1940, nonrecording gage at sit 6.1 m (20 ft) upstream at same datum.

REMARKS.--Natural flow of stream affected by ground-water withdrawals and diversion for irrigation and return flow from irrigated areas. Maximum gage height, 2.06 m (6.75 ft) Aug.2, 1932, from floodmark, due to break in Interstate Canal (discharge not determined).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14.6 m³/s (516 ft³/s) July 21, 1978, gage height, 2.02 m (6.62 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1933	04/20/33	5.66 (200)	6	1.34 (4.40)	--
1934	10/02/33	3.48 (123)	6	0.98 (3.23)	--
1935	07/13/35	4.33 (153)	6	1.11 (3.64)	--
1936	09/05/36	9.35 (330)	2, 6	1.55 (5.10)	--
1937	10/06/36	2.04 (72.0)	6	.77 (2.54)	--
1938	07/19/38	10.3 (364)	6	1.58 (5.20)	--
1939	10/04/38	2.78 (98.0)	6	.80 (2.62)	--
1940	07/15/40	4.42 (156)	6	.87 (2.86)	--
1941	06/10/41	5.30 (187)	6	1.02 (3.34)	--
1942	06/04/42	4.84 (171)	6	.97 (3.18)	2
1943	05/29/43	6.26 (221)	6	1.12 (3.67)	--
1944	08/23/44	9.40 (332)	6	1.43 (4.68)	--
1945	07/20/45	7.42 (262)	6	1.30 (4.25)	--
1946	10/ /45	3.96 (140)	2, 6	-- --	--
1947	03/19/47	6.57 (232)	6	1.11 (3.65)	--
1948	07/15/48	5.95 (210)	6	1.06 (3.49)	--
1949	09/06/49	5.24 (185)	6	1.03 (3.37)	--
1950	10/19/49	6.32 (223)	6	1.09 (3.59)	--
1951	07/28/51	8.89 (314)	6	1.30 (4.27)	--
1952	06/27/52	7.02 (248)	6	1.09 (3.58)	--
1953	06/07/53	5.58 (197)	6	.94 (3.07)	--
1954	07/21/54	10.2 (360)	6	1.77 (5.80)	--
1955	06/27/55	11.7 (413)	6	1.99 (6.52)	--
1956	07/02/56	8.13 (287)	6	1.34 (4.40)	--
1957	03/16/57	5.21 (184)	6	.94 (3.09)	--
1958	07/18/58	3.82 (135)	6	.74 (2.44)	2
1959	06/19/59	4.08 (144)	6	.80 (2.62)	--
1960	10/05/59	3.26 (115)	6	.74 (2.41)	--
1961	07/31/61	7.70 (272)	6	1.33 (4.37)	--
1962	07/30/62	4.62 (163)	6	.82 (2.69)	2
1963	09/24/63	3.80 (147)	6	.84 (2.77)	--
1964	10/20/63	3.79 (134)	6	.80 (2.61)	2
1965	05/14/65	10.8 (382)	6	1.82 (5.98)	--

***06678000 SHEEP CREEK NEAR MORRILL, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1966	09/27/66	6.26 (221)	6	1.08 (3.56)	--
1967	06/15/67	4.30 (152)	6	1.05 (3.45)	--
1968	06/07/68	4.59 (162)	6	0.86 (2.81)	2
1969	09/27/69	5.01 (177)	6	.92 (3.02)	--
1970	06/12/70	4.36 (154)	6	.83 (2.73)	--
1971	06/12/71	10.7 (379)	6	1.79 (5.88)	--
1972	09/25/72	4.48 (158)	6	.88 (2.90)	--
1973	09/19/73	4.73 (167)	6	.93 (3.05)	--
1974	08/12/74	4.64 (164)	6	.90 (2.97)	--
1975	05/18/75	5.41 (191)	6	1.00 (3.28)	2
1976	09/25/76	4.79 (169)	6	.88 (2.89)	--
1977	06/21/77	7.36 (260)	6	1.24 (4.07)	--
1978	07/21/78	14.6 (516)	6	2.02 (6.62)	--
1979	09/24/79	4.70 (166)	6	.81 (2.67)	--
1980	09/25/80	4.48 (158)	6	.84 (2.74)	--
1981	09/25/81	4.16 (147)	6	.90 (2.97)	--
1982	09/26/82	4.22 (149)	6	.88 (2.89)	--
1983	09/26/83	3.96 (140)	6	.87 (2.86)	--
1984	07/16/84	4.56 (161)	6	.97 (2.86)	--
1985	09/24/85	4.81 (170)	6	.93 (3.05)	--
1986	09/26/86	4.90 (173)	6	.95 (3.12)	--
1987	08/05/87	14.1 (497)	6	1.92 (6.30)	--
1988	09/24/88	4.30 (152)	6	.92 (3.03)	--
1989	10/22/88	3.14 (111)	6	.90 (2.63)	--
1990	09/20/90	3.62 (128)	6	.76 (2.50)	--
1991	05/16/91	3.65 (129)	6	.81 (2.65)	--
1992	09/20/92	3.74 (132)	6	.83 (2.72)	--
1993	03/08/93	4.11 (145)	6	.87 (2.84)	--

06678750 DRY SPOTTEDTAIL CREEK TRIBUTARY NEAR MITCHELL, NE

LOCATION.--Lat. 42°07'00", long 103°49'22", in NW1/4 NE1/4 sec.26, T.25 N., R.56 W., Sioux County, Hydrologic Unit 10180009, at upstream end of twin 10'x10' (3 m x 3 m)concrete box culvert under Nebraska Highway 29. The gage is 19 km (12 mi) north of Mitchell, 5.8 km (3.6 mi) north of the Interstate Canal, 0.8 km (0.5 mi) north of the power transmission line which crosses Highway 29, and 1.45 km (0.9 mi) upstream from the mouth.

DRAINAGE AREA.--38.85 km² (15.0 mi²).

PERIOD OF RECORD.--1971 to 1978 (discontinued).

GAGE.--Two sections of College Park-type crest-stage gage. Datum of gage is 1,325.88 m (4,350 ft) above sea level. Lowest recording stage is 3.35 m (11.00 ft).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 47.0 m³/s (1,660 ft³/s) July 8, 1973, gage height, 5.81 m (19.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1971	06/02/71	4.16 (147)	--	3.52 (11.58)	--
1972	/ /72	≤0.01 (≤.5)	--	--	4
1973	07/08/73	47.0 (1660)	--	5.81 (19.07)	--
1974	/ /74	≤0.01 (≤.5)	--	--	4
1975	/ /75	≤0.01 (≤.5)	--	--	4
1976	07/21/76	7.50 (265)	--	3.72 (12.20)	--
1977	07/09/77	17.6 (620)	--	4.49 (14.73)	--
1978	/ /78	≤0.01 (≤.5)	--	--	4

06679000 DRY SPOTTEDTAIL CREEK AT MITCHELL, NE

LOCATION.--Lat. 41°56'45", long 103°49'35" in SE1/4 SE1/4 SE1/4 sec.20, T.23 N., R.56 W., Scotts Bluff County, Hydrologic Unit 10180009, on right bank 1.5 m (5 ft) upstream from bridge on county road, 1.29 km (0.8 mi) upstream from mouth, and 1.6 km (1 mi) west of intersection of U.S. Highway 26 and State Highway 29 in Mitchell.

DRAINAGE AREA.--200 km² (77.2 mi²).

PERIOD OF RECORD.--1949 to 1979 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,199.31 m (3,934.75 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 56.9 m³/s (2,010 ft³/s) June 24, 1951 gage height, 2.61 m (8.55 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1949	06/08/49	9.26	(327)	5	1.52	(4.97)	2
1950	07/20/50	4.05	(143)	5	1.00	(3.28)	--
1951	06/24/51	56.9	(2010)	5	2.61	(8.55)	--
1952	06/22/52	20.0	(707)	5	1.35	(4.44)	--
1953	06/07/53	11.0	(389)	5	1.29	(4.22)	--
1954	07/21/54	3.46	(122)	5	0.84	(2.77)	2
1955	06/27/55	47.3	(1670)	5	2.34	(7.67)	--
1956	07/02/56	42.5	(1500)	5	2.34	(7.68)	--
1957	08/28/57	9.18	(324)	5	1.16	(3.80)	--
1958	06/08/58	14.8	(523)	5	1.41	(4.62)	--
1959	06/29/59	8.89	(314)	5	1.16	(3.82)	--
1960	05/24/60	6.00	(212)	5	1.00	(3.29)	--
1961	07/30/61	15.4	(543)	5	1.48	(4.84)	--
1962	07/30/62	15.5	(549)	5	1.46	(4.78)	--
1963	06/08/63	4.62	(163)	5	.87	(2.84)	2
1964	09/29/64	2.72	(96)	5	.69	(2.25)	--
1965	05/13/65	32.3	(1140)	5	1.90	(6.24)	--
1966	08/06/66	5.44	(192)	5	.95	(3.11)	--
1967	06/06/67	13.9	(491)	5	1.38	(4.53)	--
1968	06/16/68	8.27	(292)	5	1.04	(3.42)	--
1969	09/21/69	13.8	(487)	5	1.35	(4.44)	--
1970	06/12/70	7.02	(248)	5	.89	(2.92)	--
1971	05/22/71	17.8	(630)	5	1.59	(5.21)	--
1972	06/02/72	12.9	(454)	5	1.37	(4.50)	--
1973	07/20/73	9.35	(330)	5	1.20	(3.95)	--
1974	09/26/74	3.94	(139)	5	.72	(2.38)	2
1975	09/26/75	3.62	(128)	5	2.61	(8.55)	2
1976	07/21/76	5.15	(182)	5	.78	(2.55)	--
1977	08/28/77	3.91	(138)	5	.70	(2.31)	--
1978	07/19/78	9.80	(346)	5	1.05	(3.44)	--
1979	07/24/79	11.7	(412)	5	1.18	(3.88)	--

06679500 NORTH PLATTE RIVER AT MITCHELL, NE

LOCATION.--Lat. 41°55'38", long 103°48'48", in NE1/4 NE1/4 sec.33, T.23 N., R.56 W., Scotts Bluff County, Hydrologic Unit 1018009, on right bank of main channel 3 m (10 ft) downstream from bridge on State Highway 29, 0.8 km (0.5 mi) south of Mitchell, and at kilometer 300 (mile 186).

DRAINAGE AREA.--62,900 km² (24,300 mi²), approximately, of which about 57,800 km² (22,300 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1901-11, (February 1912 to July 1913, gage heights only), 1916-18 (irrigation seasons only), 1920 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 1,197.35 m (3,928.3 ft) above sea level. See WSP 1918 for history of changes prior to May 27, 1960. May 27, 1960, to Aug. 24 1971, at datum 2.00 ft higher; Aug 25, 1971, to May 18, 1992, at datum.

REMARKS.-- Natural flow of stream affected by transmountain diversions, storage reservoirs, power reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 779 m³/s (27,500 ft³/s) June 3, 1909. Maximum discharge since at least 1876, 736 m³/s (26,000 ft³/s) June 4, 1908.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1901	06/15/01	360	(12700)	5	--	--	--
1902	06/06/02	195	(6880)	5	--	--	--
1903	06/22/03	312	(11000)	5	--	--	--
1904	05/23/04	377	(13300)	5	--	--	--
1905	06/14/05	498	(17600)	5	--	--	--
1906	06/02/06	467	(16500)	5	--	--	--
1907	06/12/07	436	(15400)	5	--	--	--
1908	06/04/08	736	(26000)	5	--	--	--
1909	06/03/09	779	(27500)	6	--	--	--
1910	10/07/09	185	(6540)	6	--	--	--
1911	06/19/11	136	(4800)	6	--	--	--
1916	07/25/16	100	(3540)	6	--	--	--
1917	06/28/17	558	(19700)	6	--	--	--
1918	06/25/18	351	(12400)	6	--	--	--
1920	06/19/20	360	(12700)	6	--	--	--
1921	06/17/21	680	(24000)	6	--	--	--
1922	05/20/22	232	(8200)	6	--	--	--
1923	09/30/23	351	(12400)	6	--	--	--
1924	04/17/24	442	(15600)	6	--	--	--
1925	05/17/25	255	(9000)	6	--	--	--
1926	06/19/26	278	(9800)	6	--	--	--
1927	08/16/27	207	(7300)	6	--	--	--
1928	06/09/28	405	(14300)	6	--	--	--
1929	06/02/29	566	(20000)	6	3.03	(9.95)	--
1930	10/01/29	229	(8100)	6	--	--	--
1931	10/06/30	77.9	(2750)	6	1.90	(6.22)	--
1932	08/03/32	61.2	(2160)	6	1.78	(5.83)	--
1933	05/25/33	170	(5990)	6	2.21	(7.25)	--
1934	10/06/33	49.8	(1760)	6	1.67	(5.48)	--
1935	06/01/35	312	(11000)	6	2.59	(8.51)	--

06679500 NORTH PLATTE RIVER AT MITCHELL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1936	06/07/36	343	(1210)	6	1.68	(5.50)	--
1937	07/15/37	116	(4090)	6	2.25	(7.39)	--
1938	05/20/38	81.6	(2880)	6	2.06	(6.75)	--
1939	10/11/38	30.0	(1060)	6	1.52	(4.97)	2
1940	06/06/40	33.7	(1190)	6	1.64	(5.38)	--
1941	06/10/41	125	(4400)	6	2.26	(7.43)	--
1942	05/14/42	189	(6660)	6	2.58	(8.47)	--
1943	03/31/43	62.9	(2220)	6	1.91	(6.28)	--
1944	05/22/44	62.0	(2190)	6	1.93	(6.32)	--
1945	06/11/45	96.0	(3390)	6	2.14	(7.03)	--
1946	10/01/45	55.8	(1970)	6	1.77	(5.80)	--
1947	06/25/47	210	(7410)	6	2.68	(8.79)	--
1948	06/18/48	63.4	(2240)	6	1.72	(5.66)	2
1949	06/08/49	86.7	(3060)	6	1.93	(6.34)	--
1950	09/22/50	49.8	(1760)	6	1.66	(5.44)	--
1951	06/24/51	66.3	(2340)	6	1.94	(6.38)	--
1952	06/06/52	116	(4090)	6	2.22	(7.27)	--
1953	06/07/53	78.2	(2760)	6	2.01	(6.58)	--
1954	05/23/54	34.8	(1230)	6	1.50	(4.92)	--
1955	06/28/55	300	(10600)	6	3.14	(10.29)	--
1956	07/03/56	76.7	(2710)	6	2.00	(6.57)	--
1957	05/25/57	89.5	(3160)	6	2.02	(6.63)	--
1958	06/08/58	41.3	(1460)	6	1.63	(5.34)	--
1959	09/30/59	33.7	(1190)	6	1.54	(5.05)	--
1960	10/01/59	32.8	(1160)	6	1.53	(5.02)	--
1961	05/14/61	46.4	(1640)	6	1.59	(5.23)	--
1962	05/25/62	62.6	(2210)	6	1.86	(6.10)	--
1963	06/09/63	33.7	(1190)	6	1.52	(4.98)	--
1964	10/01/63	28.1	(992)	6	1.39	(4.55)	--
1965	06/14/65	88.1	(3110)	6	2.19	(7.19)	--
1966	04/13/66	33.7	(1190)	6	1.58	(5.18)	--
1967	06/07/67	95.2	(3360)	6	2.32	(7.60)	--
1968	06/12/68	90.6	(3200)	6	2.28	(7.49)	--
1969	04/12/69	38.2	(1350)	6	1.58	(5.19)	--
1970	06/16/70	138	(4880)	6	2.50	(8.19)	--
1971	06/02/71	346	(12200)	6	2.83	(9.28)	--
1972	03/20/72	69.4	(2450)	6	1.95	(6.39)	--
1973	05/26/73	250	(8840)	6	2.60	(8.54)	--
1974	04/07/74	148	(5110)	6	2.17	(7.13)	--
1975	10/11/74	39.9	(1410)	6	1.24	(4.09)	2
1976	09/30/76	33.1	(1170)	6	1.23	(4.05)	--
1977	06/22/77	51.0	(1800)	6	1.39	(4.57)	--
1978	05/28/78	58.6	(2070)	6	1.53	(5.03)	--
1979	07/27/79	58.9	(2080)	6	1.46	(4.80)	--
1980	05/24/80	125	(4400)	6	2.09	(6.86)	--

06679500 NORTH PLATTE RIVER AT MITCHELL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/13/81	51.3	(1810)	6	1.28	(4.21)	--
1982	09/28/82	32.6	(1150)	6	1.00	(3.27)	--
1983	06/27/83	241	(8500)	6	2.33	(7.65)	--
1984	06/15/84	253	(8920)	6	2.36	(7.74)	2
1985	03/11/85	99.7	(3520)	6	1.53	(5.03)	--
1986	06/13/86	190	(6710)	6	--	--	--
1987	08/05/87	70.2	(2480)	6	1.30	(4.25)	--
1988	05/06/88	63.4	(2240)	6	1.22	(3.99)	--
1989	10/01/88	34.8	(1230)	6	0.81	(2.65)	--
1990	09/29/90	25.9	(915)	6	.75	(2.47)	2
1991	06/09/91	90.6	(3200)	6	1.46	(4.80)	--
1992	10/01/91	27.4	(967)	6	1.14	(3.74)	--
1993	08/21/93	70.5	(2490)	6	1.58	(5.19)	--

06680000 TUB SPRINGS NEAR SCOTTSBLUFF, NE

LOCATION.--Lat. 41°54'55", long 103°42'35" in SW1/4 SW1/4 sec.33, T.23 N., R.55 W., Scotts Bluff County, Hydrologic Unit 10180009, on right bank 15 m (50 ft) upstream from county bridge, 0.3 km (0.2 mi) downstream from headgates of Enterprise Canal, 2.4 km (1.5 mi) upstream from mouth and 5.6 km (3.5 mi) northwest of Scotts Bluff.

PERIOD OF RECORD.--1949 to 1979 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,196.81 m (3,926.54 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 45.6 m³/s (1,610 ft³/s) June 21, 1952.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1949	06/06/49	9.40	(332)	6	1.00	(3.29)	--
1950	09/16/50	9.97	(352)	6	1.02	(3.35)	--
1951	06/24/51	32.0	(1130)	6	1.92	(6.31)	--
1952	06/21/52	45.6	(1610)	3, 6	--	--	--
1953	06/14/53	21.9	(775)	6	1.53	(5.02)	--
1954	06/25/54	15.3	(540)	6	1.25	(4.10)	--
1955	06/27/55	33.4	(1180)	6	2.07	(6.80)	--
1956	07/02/56	16.0	(564)	6	1.27	(4.17)	--
1957	05/23/57	11.9	(420)	6	1.07	(3.50)	--
1958	06/11/58	22.9	(810)	6	1.58	(5.19)	--
1959	06/23/59	5.95	(210)	6	0.67	(2.19)	--
1960	10/01/59	3.43	(121)	6	.47	(1.55)	--
1961	06/05/61	5.95	(210)	6	.66	(2.15)	--
1962	05/27/62	14.6	(515)	6	1.22	(4.02)	--
1963	06/15/63	7.73	(273)	6	.84	(2.74)	--
1964	06/13/64	3.88	(137)	6	.57	(1.88)	--
1965	06/18/65	21.7	(767)	6	1.53	(5.02)	--
1966	06/22/66	6.54	(231)	6	.75	(2.47)	--
1967	06/25/67	24.0	(847)	6	1.63	(5.34)	--
1968	07/09/68	14.9	(527)	6	1.22	(4.00)	--
1969	09/15/69	4.02	(142)	6	.58	(1.89)	--
1970	07/05/70	6.32	(223)	6	.74	(2.42)	--
1971	06/02/71	23.7	(837)	6	1.62	(5.30)	--
1972	06/03/72	17.2	(608)	6	1.33	(4.36)	--
1973	07/30/73	3.82	(135)	6	.56	(1.83)	2
1974	09/25/74	2.72	(96)	6	.48	(1.57)	--
1975	06/19/75	3.60	(127)	6	.55	(1.79)	--
1976	09/30/76	3.74	(132)	6	.58	(1.90)	--
1977	06/21/77	35.7	(1260)	6	2.06	(6.75)	--
1978	08/14/78	11.5	(406)	6	1.04	(3.42)	--
1979	07/26/79	6.17	(218)	6	.71	(2.33)	--

06680500 NORTH PLATTE RIVER AT SCOTTSBLUFF, NE

LOCATION.--Lat 41°51', long 103°39', on the line between sec.25 and 26, T.22 N., R.55 W., Scotts Bluff County, Hydrologic Unit 10180009, at wagon bridge connecting Scotts Bluff with Gering, about 1.2 km (0.75 mi) south of Scottsbluff.

DRAINAGE AREA: 63,450 km² (24,500 mi²).

PERIOD OF RECORD.--1897 to 1900, 1917-1918 (discontinued). Published as "at Gering" prior to 1912.

GAGE.--Vertical Staff gage. Datum of gage is 1,179.58 m (3,870 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 300 m³/s (10,600 ft³/s) Oct. 27, 1912.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 790 m³/s (27,900 ft³/s) May 30, 1897.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1897	05/30/97	790	(27900)	2, 5	--	--	--
1898	05/27/98	524	(18500)	2, 5	--	--	--
1899	06/26/99	666	(23500)	2, 5	--	--	--
1900	06/04/00	447	(15800)	2, 5	--	--	--
1913	10/27/12	300	(10600)	2, 6, 7	--	--	--
1917	06/29/17	586	(20700)	2, 6	--	--	--
1918	06/25/18	289	(10200)	2, 6	--	--	--

06681000 WINTERS CREEK NEAR SCOTTSBLUFF, NE

LOCATION.--Lat. 41°51'08", long 103°37'35" in NW1/4 SE1/4 sec.30, T.22 N., R.54 W., Scotts Bluff County, Hydrologic Unit 10180009, on right bank 213 m (700 ft) downstream from bridge on U.S. Highway 26, 1.6 km (1 mi) upstream from mouth, and 2.4 km (1.5 mi) east of Scotts Bluff.

PERIOD OF RECORD.--1932 to 1979 (discontinued). Prior to October 1971, published as Winter Creek near Scottsbluff.

GAGE.--Water-stage recorder. Datum of gage is 1,176.77 m (3,860.8 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32.9 m³/s (1,160 ft³/s) June 21, 1977, gage height 2.46 m (8.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1932	09/21/32	3.82 (135)	6	-- --	--
1933	09/14/33	4.98 (176)	6	-- --	--
1934	10/05/33	2.75 (97)	6	-- --	--
1935	07/09/35	11.3 (400)	6	-- --	--
1936	06/08/36	12.3 (436)	6	-- --	--
1937	08/18/37	7.93 (280)	6	-- --	--
1938	09/02/38	6.82 (241)	6	-- --	--
1939	06/16/39	11.6 (409)	6	1.74 (5.71)	--
1940	06/05/40	16.8 (593)	6	2.14 (7.02)	--
1941	06/09/41	8.41 (297)	6	1.56 (5.12)	--
1942	07/23/42	4.64 (164)	6	1.22 (4.00)	--
1943	06/16/43	5.72 (202)	6	1.29 (4.22)	--
1944	06/11/44	9.60 (339)	6	1.58 (5.18)	--
1945	08/07/45	11.2 (395)	6	1.72 (5.66)	--
1946	05/23/46	5.95 (210)	6	1.28 (4.21)	--
1947	06/21/47	10.7 (379)	6	1.64 (5.38)	--
1948	06/16/48	14.3 (504)	6	1.99 (6.52)	--
1949	07/30/49	10.3 (362)	6	1.68 (5.52)	2
1950	09/29/50	6.77 (239)	6	1.32 (4.34)	--
1951	06/25/51	19.6 (693)	6	1.88 (6.15)	--
1952	06/27/52	23.0 (811)	6	1.88 (6.17)	--
1953	06/14/53	24.9 (880)	6	2.40 (7.86)	--
1954	06/25/54	28.9 (1020)	6	2.69 (8.83)	--
1955	05/16/55	17.1 (605)	6	2.01 (6.58)	--
1956	07/02/56	11.8 (416)	6	1.66 (5.43)	--
1957	06/10/57	30.9 (1090)	6	2.73 (8.95)	--
1958	06/11/58	19.7 (696)	6	2.13 (7.00)	--
1959	06/19/59	23.5 (831)	6	2.37 (7.77)	--
1960	08/24/60	7.16 (253)	6	1.22 (4.00)	--
1961	07/31/61	6.82 (241)	6	1.21 (3.96)	--
1962	06/19/62	9.40 (332)	6	1.40 (4.61)	--
1963	05/30/63	14.6 (515)	6	1.74 (5.72)	--
1964	09/28/64	6.00 (212)	6	1.07 (3.52)	--
1965	06/18/65	22.6 (798)	6	2.30 (7.55)	--
1966	07/21/66	14.2 (503)	6	1.72 (5.65)	--
1967	06/06/67	16.5 (581)	6	1.92 (6.31)	--
1968	08/18/68	7.48 (264)	6	1.25 (4.10)	--
1969	08/28/69	5.21 (184)	6	1.05 (3.44)	--
1970	09/06/70	5.47 (193)	6	1.05 (3.45)	--

06681000 WINTERS CREEK NEAR SCOTTSBLUFF, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/02/71	25.1	(888)	6	2.44	(8.00)	--
1972	06/04/72	15.1	(533)	6	1.84	(6.05)	--
1973	07/19/73	9.20	(325)	6	1.41	(4.62)	--
1974	08/09/74	6.17	(218)	6	1.15	(3.77)	--
1975	07/05/75	6.66	(235)	6	1.17	(3.85)	2
1976	06/15/76	4.16	(147)	6	0.94	(3.07)	--
1977	06/21/77	32.9	(1160)	6	2.46	(8.07)	--
1978	07/20/78	13.1	(462)	6	1.54	(5.04)	--
1979	07/26/79	27.4	(968)	6	2.24	(7.35)	--

***06682000 NORTH PLATTE RIVER NEAR MINATARE, NE (TOTFLO)**

LOCATION.--Main channel gage: Lat. 41°47'24", long 103°31'08", in SW1/4 SW1/4 sec.18, T.21 N., R.53 W., Scotts Bluff County, Hydrologic Unit 10180009, on right bank 4.6 m (15 ft) downstream from bridge on State Highway 326 and 2.9 km (1.8 mi) southwest of Minatare. Nine Mile channel gage: Lat. 41°47'32", long 103°31'08", in NE1/4 SE1/4 sec.13, T.21 N., R.54 W., Scotts Bluff County, Hydrologic Unit 10180009, on left bank 15 m (50 ft) upstream from bridge on State Highway 326 and 229m (750 ft) north of main channel bridge and at kilometer 267 (mile 166).

DRAINAGE AREA.--64,000 km² (24,700 mi²), approximately, of which about 59,000 km² (22,700 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1916-19, 1921-22, irrigation season only; 1923 to current year.. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Main Channel: Water-stage recorder. Datum of gage is 1,160.37 m (3,807.0 ft) above sea level. Nov. 2, 1966 to July 13, 1976, water-stage recorder 67 m (220 ft) upstream from bridge at datum 1.2 m (4.00 ft) higher. July 14, 1976 to Apr. 29, 1982, water-stage recorder 67 m (220 ft) upstream from bridge at datum .91 m (3.00 ft) higher; Apr. 30, 1982 to Apr.2, 1990, water-stage recorder on left bank 61 m (200) ft upstream from bridge at datum .30 m (1.00 ft) higher. See WDR NE-72 for history of changes prior to Nov. 2, 1966. Nine Mile Channel: Water-stage recorder. See WDR NE-72 for history of changes prior to Aug. 25, 1971

REMARKS.--Natural flow of stream affected by transmountain diversion, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation, and return flow from irrigates areas. River flows in two channels for which separate records are computed; figure given herein represent combined discharge.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 793 m³/s (28,000 ft³/s) June 4, 1909.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 552 m³/s (19,500 ft³/s) July 2, 1917.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1908	06/04/08	736	(26000)	2, 5, 7	--	--	--
1909	06/04/09	793	(28000)	2, 6, 7	--	--	--
1916	07/16/16	147	(5200)	6	--	--	--
1917	07/02/17	552	(19500)	6	--	--	--
1918	06/25/18	249	(8800)	6	--	--	--
1919	09/14/19	113	(4000)	6	--	--	--
1921	06/18/21	680	(24000)	2, 6	--	--	--
1922	05/20/22	289	(10200)	6	--	--	--
1923	09/30/23	331	(11700)	6	--	--	--
1924	04/17/24	459	(16200)	6	--	--	--
1925	05/18/25	215	(7600)	6	--	--	--
1926	06/19/26	227	(8000)	6	--	--	--
1927	06/23/27	198	(7000)	6	--	--	--
1928	06/06/28	416	(14700)	6	--	--	--
1929	06/03/29	481	(17000)	6	--	--	--
1930	10/01/29	266	(9400)	6	--	--	--
1931	10/07/30	103	(3650)	6	--	--	--
1932	08/03/32	60.3	(2130)	6	--	--	--
1933	05/25/33	180	(6370)	6	--	--	--
1934	10/06/33	55.8	(1970)	6	--	--	--
1935	06/02/35	258	(9100)	6	--	--	--

***06682000 NORTH PLATTE RIVER NEAR MINATARE, NE (TOTFLO)--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1936	06/09/36	50.1	(1770)	6	--	--	--
1937	07/15/37	111	(3930)	6	--	--	--
1938	05/20/38	84.4	(2980)	6	--	--	--
1939	06/16/39	49.3	(1740)	6	--	--	--
1940	06/06/40	60.9	(2150)	6	--	--	--
1941	06/11/41	129	(4540)	6	--	--	--
1942	05/14/42	197	(6950)	6	--	--	--
1943	04/01/43	57.5	(2030)	6	--	--	--
1944	05/17/44	64.8	(2290)	6	--	--	--
1945	06/11/45	95.2	(3360)	6	--	--	--
1946	10/01/45	61.2	(2160)	6	--	--	--
1947	06/26/47	191	(6740)	6	--	--	--
1948	06/17/48	90.6	(3200)	6	--	--	--
1949	06/13/49	83.8	(2960)	6	--	--	--
1950	09/19/50	60.0	(2120)	6	--	--	--
1951	06/25/51	89.5	(3160)	6	--	--	--
1952	06/22/52	129	(4550)	6	--	--	--
1953	06/07/53	103	(3620)	6	--	--	--
1954	05/22/54	48.1	(1700)	6	--	--	--
1955	06/28/55	267	(9440)	6	--	--	--
1956	07/03/56	95.4	(3370)	6	--	--	--
1957	05/20/57	109	(3840)	6	--	--	--
1958	06/09/58	148	(5220)	6	--	--	--
1959	09/30/59	39.9	(1410)	6	--	--	--
1960	10/01/59	41.1	(1450)	6	--	--	--
1961	05/15/61	36.8	(1300)	6	--	--	--
1962	06/30/62	96.3	(3400)	6	--	--	--
1963	05/30/63	106	(3740)	6	--	--	--
1964	06/22/64	50.4	(1780)	6	--	--	--
1965	06/18/65	131	(4630)	6	--	--	--
1966	10/19/65	37.9	(1340)	6	--	--	--
1967	06/07/67	96.9	(3420)	6	--	--	--
1968	06/16/68	110	(3900)	6	--	--	--
1969	04/13/69	42.8	(1510)	6	--	--	--
1970	06/17/70	134	(4390)	6	--	--	--
1971	06/02/71	422	(14900)	6	--	--	--
1972	03/20/72	78.7	(2780)	6	--	--	--
1973	05/27/73	245	(8640)	6	--	--	--
1974	04/03/74	157	(5540)	6	--	--	--
1975	07/05/75	53.5	(1890)	6	--	--	--
1976	09/30/76	47.0	(1660)	6	--	--	--
1977	06/21/77	71.1	(2510)	6	--	--	--
1978	05/28/78	77.3	(2730)	6	--	--	--
1979	07/27/79	114	(4030)	6	--	--	--
1980	05/24/80	125	(4420)	6	--	--	--

***06682000 NORTH PLATTE RIVER NEAR MINATARE, NE (TOTFLO)--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/13/81	43.0	(1520)	6	--	--	--
1982	07/29/82	58.1	(2050)	6	--	--	--
1983	06/27/83	248	(8750)	6	--	--	--
1984	06/19/84	278	(9820)	6	--	--	--
1985	03/12/85	109	(3850)	6	--	--	--
1986	06/10/86	193	(6820)	6	--	--	--
1987	05/23/87	101	(3580)	6	--	--	--
1988	05/06/88	73.1	(2580)	6	--	--	--
1989	05/12/89	54.7	(1930)	6	--	--	--
1990	09/29/90	30.3	(1070)	6	--	--	--
1991	06/12/91	95.2	(3360)	6	--	--	--
1992	07/11/92	71.9	(2540)	6	--	--	--
1993	08/21/93	103	(3650)	6	--	--	--

06684000 RED WILLOW CREEK NEAR BAYARD, NE

LOCATION.--Lat. 41°42'50", long 103°15'10" in NE1/4 NE1/4 sec.13, T.20 N., R.52 W., Morrill County, Hydrologic Unit 10180009, on left bank 22.9 m (75 ft) downstream from timber bridge, 0.3 km (0.2 mi) downstream from Wild Horse drain, 1.3 km (0.8 mi) upstream from mouth, and 7.2 km (4.5 mi) southeast of Bayard.

DRAINAGE AREA.--420 km² (162 mi²).

PERIOD OF RECORD.--1932 to 1979 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,133.03 m (3,717.29 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 65.7 m³/s (2,320 ft³/s) July 3, 1956, gage height 2.23 m (7.33 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1932	05/20/32	37.4 (1320)	6	2.26 (7.40)	--
1933	08/25/33	42.8 (1510)	6	2.26 (7.40)	--
1934	08/15/34	7.16 (253)	6	1.09 (3.58)	--
1935	06/11/35	44.5 (1570)	6	2.30 (7.56)	--
1936	06/09/36	18.3 (645)	6	1.52 (5.00)	--
1937	08/18/37	12.2 (430)	6	1.28 (4.20)	--
1938	05/19/38	45.0 (1590)	6	2.34 (7.66)	--
1939	05/31/39	19.5 (688)	6	1.50 (4.93)	--
1940	06/05/40	7.02 (248)	6	0.91 (2.99)	--
1941	06/09/41	27.5 (972)	6	1.85 (6.08)	--
1942	05/10/42	46.4 (1640)	6	2.38 (7.80)	--
1943	07/12/43	13.6 (479)	6	1.18 (3.88)	--
1944	07/04/44	17.0 (600)	6	1.35 (4.43)	--
1945	08/01/45	21.2 (749)	6	1.50 (4.92)	--
1946	09/18/46	11.2 (394)	6	1.02 (3.35)	--
1947	06/30/47	39.1 (1380)	6	2.08 (6.82)	--
1948	06/17/48	20.6 (728)	6	1.48 (4.87)	--
1949	06/06/49	24.3 (857)	6	1.30 (4.28)	--
1950	08/25/50	50.4 (1780)	6	1.97 (6.45)	--
1951	09/03/51	45.9 (1620)	6	1.78 (5.83)	--
1952	05/25/52	7.16 (253)	6	.71 (2.34)	--
1953	06/19/53	21.8 (770)	6	1.18 (3.86)	--
1954	06/18/54	27.5 (970)	6	1.43 (4.70)	--
1955	09/20/55	11.8 (418)	6	.95 (3.12)	--
1956	07/03/56	65.7 (2320)	6	2.23 (7.33)	--
1957	07/29/57	60.6 (2140)	6	2.07 (6.80)	2
1958	06/15/58	54.9 (1940)	6	2.24 (7.35)	--
1959	06/19/59	15.1 (534)	6	1.04 (3.41)	--
1960	06/11/60	7.50 (265)	6	.68 (2.23)	--
1961	07/31/61	25.3 (895)	6	1.35 (4.44)	--
1962	07/12/62	28.6 (1010)	6	1.47 (4.82)	--
1963	05/30/63	20.5 (724)	6	1.22 (3.99)	--
1964	06/23/64	8.72 (308)	6	0.69 (2.25)	--
1965	06/24/65	44.5 (1570)	6	1.97 (6.46)	--
1966	07/22/66	17.5 (618)	6	1.12 (3.67)	--
1967	06/14/67	39.1 (1380)	6	1.84 (6.03)	--
1968	08/08/68	12.1 (426)	6	.86 (2.83)	--
1969	05/05/69	18.8 (665)	6	1.21 (3.97)	--
1970	05/11/70	9.46 (334)	6	.73 (2.39)	--

06684000 RED WILLOW CREEK NEAR BAYARD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/02/71	40.8	(1440)	6	1.98	(6.49)	--
1972	05/09/72	17.5	(617)	6	1.12	(3.67)	--
1973	09/12/73	11.3	(400)	6	0.85	(2.79)	--
1974	06/09/74	10.5	(372)	6	.68	(2.23)	--
1975	05/17/75	11.6	(408)	6	.76	(2.49)	--
1976	09/10/76	9.20	(325)	6	.59	(1.93)	--
1977	06/28/77	21.3	(752)	6	1.56	(5.11)	--
1978	05/21/78	57.5	(2030)	6	2.39	(7.84)	--
1979	07/27/79	23.2	(819)	6	1.64	(5.37)	--

***06684500 NORTH PLATTE RIVER AT BRIDGEPORT, NE (TOTFLO)**

LOCATION.--Main Channel gage: Lat. 41°40'54", long 103°05'52", in NW1/4 NW1/4 sec.28, T.20 N., R.50 W., Morrill County, Hydrologic Unit 10180009, on left bank 0.5 km (0.3 mi) upstream from bridge, on U.S. Highway 26, 1.3 km (0.8 mi) north of Bridgeport. Browns Creek channel gage: Lat. 41°40'55", long 103°05'53", in NW1/4 NW1/4 sec.28, T.20 N., R.50 W. Morrill County, on right bank 0.3 km (0.2 mi) upstream from culvert on U.S. Highway 26 and 1.3 km (0.8 mi) north of Bridgeport, and at kilometer 229 (mile 142).

DRAINAGE AREA.--65,500 km² (25,300 mi²), approximately, of which about 60,300 km² (23,300 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1897 to 1900 (no winter records most years), 1902-06, 1915 (irrigation season only), 1916 to current year. Monthly discharge only for some years, published in WSP 1310. Published as "near Camp Clark" 1896-1900.

GAGE.--Main Channel: Water-stage recorder. Datum of gage is 1,114.40 m (3,656.14 ft) above sea level. See WSP 1918 for history of changes prior to Oct. 7m 1927. Oct. 7, 1927 to July 16, 1978 at downstream side of bridge on U.S. Highway 26, 0.5 km (0.3 mi) downstream at same datum. Browns Creek channel: Water-stage recorder. See WSP 1918 for history of changes prior to June 1, 1943. June 1, 1943 to Nov. 17, 1983 on left bank at same location and datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas. River flows in two independently rated channels for which separate records are computed; figures herein represent combined discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 705 m³/s (24,900 ft³/s) June 26, 1899.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1897	06/06/97	643	(22700)	5	--	--	--
1898	05/28/98	481	(17000)	5	--	--	--
1899	06/26/99	705	(24900)	5	--	--	--
1900	06/05/00	411	(14500)	5	--	--	--
1902	06/07/02	187	(6600)	5	--	--	--
1903	06/23/03	306	(10800)	5	--	--	--
1904	06/09/04	402	(14200)	5	--	--	--
1905	06/15/05	515	(18200)	5	--	--	--
1906	05/29/06	578	(20400)	5	--	--	--
1915	06/10/15	171	(6050)	6	--	--	--
1916	06/16/16	125	(4400)	6	--	--	--
1917	06/26/17	572	(20200)	6	--	--	--
1918	06/27/18	278	(9800)	6	--	--	--
1919	09/13/19	130	(4600)	6	--	--	--
1920	05/15/20	329	(11600)	6	--	--	--
1921	06/19/21	680	(24000)	6	--	--	--
1922	05/22/22	215	(7600)	6	--	--	--
1923	05/25/23	227	(8000)	6	--	--	--
1924	04/18/24	396	(14000)	6	--	--	--
1925	05/19/25	283	(10000)	6	--	--	--
1926	06/16/26	218	(7700)	6	--	--	--
1927	06/23/27	221	(7800)	6	--	--	--
1928	06/06/28	425	(15000)	6	--	--	--
1929	06/03/29	680	(24000)	6	--	--	--
1930	10/01/29	263	(9300)	6	--	--	--

***06684500 NORTH PLATTE RIVER AT BRIDGEPORT, NE (TOTFLO)--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1931	10/07/30	131 (4600)	6	--	--
1932	08/04/32	62.3 (2200)	6	--	--
1933	05/26/33	186 (6570)	6	--	--
1934	10/02/33	69.1 (2440)	6	--	--
1935	06/02/35	351 (12400)	6	--	--
1936	06/09/36	61.7 (2180)	6	--	--
1937	07/16/37	100 (3540)	6	--	--
1938	09/05/38	138 (4880)	6	--	--
1939	11/03/38	50.4 (1780)	6	--	--
1940	06/07/40	49.8 (1760)	6	--	--
1941	06/12/41	153 (5410)	6	--	--
1942	05/15/42	286 (10100)	6	--	--
1943	04/03/43	70.0 (2470)	6	--	--
1944	06/12/44	71.1 (2510)	6	--	--
1945	06/12/45	121 (4260)	6	--	--
1946	10/02/45	80.4 (2840)	6	--	--
1947	06/30/47	239 (8430)	6	--	--
1948	06/17/48	91.5 (3230)	6	--	--
1949	06/14/49	78.7 (2780)	6	--	--
1950	09/20/50	76.2 (2690)	6	--	--
1951	09/04/51	133 (4680)	6	--	--
1952	06/01/52	120 (4250)	6	--	--
1953	06/08/53	106 (3750)	6	--	--
1954	10/21/53	45.3 (1600)	6	--	--
1955	06/29/55	236 (8330)	6	--	--
1956	07/03/56	196 (6910)	6	--	--
1957	05/20/57	119 (4200)	6	--	--
1958	07/18/58	138 (4860)	6	--	--
1959	09/28/59	62.9 (2220)	6	--	--
1960	10/01/59	64.3 (2270)	6	--	--
1961	07/31/61	50.7 (1790)	6	--	--
1962	07/14/62	90.9 (3210)	6	--	--
1963	06/14/63	113 (3980)	6	--	--
1964	10/01/63	58.1 (2050)	6	--	--
1965	06/24/65	170 (6010)	6	--	--
1966	10/01/65	63.7 (2250)	6	--	--
1967	06/15/67	120 (4220)	6	--	--
1968	06/17/68	113 (3990)	6	--	--
1969	05/05/69	78.4 (2770)	6	--	--
1970	06/18/70	154 (5440)	6	--	--
1971	06/03/71	464 (16400)	6	--	--
1972	06/25/72	88.9 (3140)	6	--	--
1973	05/28/73	297 (10500)	6	--	--
1974	03/18/74	170 (5990)	6	--	--
1975	06/30/75	66.0 (2330)	6	--	--

***06684500 NORTH PLATTE RIVER AT BRIDGEPORT, NE (TOTFLO)--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	09/30/76	57.5	(2030)	6	--	--	--
1977	06/22/77	60.3	(2130)	6	--	--	--
1978	05/28/78	129	(4540)	6	--	--	--
1979	07/27/79	67.1	(2370)	6	--	--	--
1980	05/25/80	146	(5160)	6	--	--	--
1981	07/25/81	58.6	(2070)	6	--	--	--
1982	07/29/82	75.9	(2680)	6	--	--	--
1983	06/28/83	246	(8690)	6	--	--	--
1984	06/20/84	272	(9620)	6	--	--	--
1985	03/13/85	114	(4020)	6	--	--	--
1986	06/10/86	203	(7160)	6	--	--	--
1987	05/24/87	152	(5370)	6	--	--	--
1988	05/20/88	86.9	(3070)	6	--	--	--
1989	10/01/88	52.1	(1840)	6	--	--	--
1990	10/04/89	38.2	(1350)	6	--	--	--
1991	06/10/91	129	(4550)	6	--	--	--
1992	07/11/92	48.7	(1720)	6	--	--	--
1993	08/22/93	90.1	(3180)	6	--	--	--

06684900 HACKBERRY CREEK NEAR REDINGTON, NE

LOCATION.--Lat. 41°35'00", long 103°25'17", in NW1/4 NW1/4 sec.34, T.19 N., R.53 W., Banner County, Hydrologic Unit 10180013, at upstream side of triple 12'x6' (3.7 m x 1.8 m) concrete box culvert with 90° wingwalls on Nebraska Highway 88, 13 km (8 mi) west of Redington and 4 km (13 mi) east of the junction of Nebraska Highway 71 and 88.

DRAINAGE AREA.--43 km² (16.6 mi²).

PERIOD OF RECORD.--1970 to 1978 (discontinued).

GAGE.--Two-sections of College Park-type crest-stage gage. Datum of gage is 1,235.04 m (4,052 ft) above sea level. Lowest recording stage is 3.44 m (11.30 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 17.0 m³/s (600 ft³/s) July 6, 1978, gage height, 4.04 m (13.24 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1970	/ /70	≤0.01	(≤.5)	--	--	--	4
1971	/ /71	≤0.01	(≤.5)	--	--	--	4
1972	05/09/72	1.36	(48)	--	3.60	(11.80)	--
1973	02/24/73	.03	(1)	--	3.49	(11.45)	--
1974	08/09/74	12.7	(450)	--	3.93	(12.89)	--
1975	07/20/75	.85	(30)	--	3.58	(11.75)	--
1976	/ /76	≤0.01	(≤.5)	--	--	--	4
1977	06/24/77	.03	(1)	--	3.46	(11.36)	--
1978	07/06/78	17.0	(600)	--	4.04	(13.24)	--

***06685000 PUMPKIN CREEK NEAR BRIDGEPORT, NE**

LOCATION.--Lat. 41°37'38", long 103°02'10", in SW1/4 sec.12, T.19 N., R.50 W., Morrill County, Hydrologic Unit 10180013, on right bank 76 m (250 ft) downstream from bridge on U.S. Highway 385 and State Highway 92, 0.8 km (0.5 mi) upstream from mouth and 6.4 km (4 mi) southwest of Bridgeport.

DRAINAGE AREA.--2,640 km² (1,020 mi²).

PERIOD OF RECORD.--1932 to current year.

GAGE.--Water-stage recorder. Sheet piling control since December 1964. Datum of gage is 1,108.25 m (3,635.99 ft) above sea level. Prior to June 25, 1934, nonrecording gage on downstream side of bridge 73 m (240 ft) upstream and June 25, 1934, to May 18, 1936, water-stage at upstream side of bridge 79 m (260 ft) upstream, both at datum 0.088 m (0.29 ft) higher. May 19, 1936, to June 8, 1965, water-stage recorder, all on left bank 76 km (250 ft) downstream from bridge at present datum.

REMARKS.-- Natural flow of stream affected by ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 28.3 m³/s (1,000 ft³/s) June 1, 1921.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 223 m³/s (7,880 ft³/s) June 9, 1965, gage height, 3.04 m (9.98 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1921	06/01/21	28.3	(1000)	2, 6, 7	--	--	--
1932	06/16/32	6.37	(225)	6	--	--	--
1933	08/28/33	4.59	(162)	6	--	--	--
1934	05/02/34	26.6	(939)	6	--	--	--
1935	06/16/35	19.4	(684)	6	--	--	--
1936	03/06/36	1.93	(68)	6	--	--	--
1937	03/05/37	2.66	(94)	6	0.75	(2.45)	--
1938	05/17/38	16.0	(564)	6	1.58	(5.19)	--
1939	03/09/39	20.0	(706)	6	1.86	(6.12)	--
1940	09/21/40	8.92	(315)	6	1.26	(4.14)	--
1941	07/03/41	11.6	(409)	6	1.41	(4.62)	--
1942	05/15/42	3.28	(116)	6	.80	(2.63)	2
1943	06/01/43	3.03	(107)	6	.80	(2.61)	--
1944	08/24/44	4.36	(154)	6	.94	(3.07)	--
1945	06/10/45	4.59	(162)	6	.92	(3.01)	--
1946	09/01/46	2.18	(77)	6	.58	(1.91)	2
1947	06/21/47	4.45	(157)	6	1.00	(3.27)	--
1948	11/08/47	2.27	(80)	6	.68	(2.24)	2
1949	08/30/49	2.01	(71)	6	.62	(2.05)	2
1950	05/05/50	2.49	(88)	6	.69	(2.27)	2
1951	09/03/51	84.1	(2970)	6	2.70	(8.87)	--
1952	03/30/52	3.80	(134)	6	.85	(2.80)	2
1953	07/16/53	3.31	(117)	6	.78	(2.57)	--
1954	05/02/54	2.49	(88)	6	.70	(2.30)	2
1955	09/21/55	9.68	(342)	6	1.27	(4.18)	--
1956	07/02/56	3.14	(111)	6	0.77	(2.53)	--
1957	06/01/57	5.32	(188)	6	1.08	(3.54)	2
1958	07/21/58	9.23	(326)	6	1.32	(4.33)	--
1959	04/05/59	2.46	(87)	6	.63	(2.06)	2
1960	05/30/60	2.21	(78)	6	.56	(1.83)	2

***06685000 PUMPKIN CREEK NEAR BRIDGEPORT, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	05/27/61	3.06 (108)	6	0.71 (2.33)	2
1962	08/02/62	14.4 (510)	6	1.41 (4.63)	--
1963	07/22/63	6.77 (239)	6	.98 (3.21)	2
1964	05/12/64	1.61 (57)	6	.52 (1.70)	--
1965	06/09/65	223 (7880)	6	3.04 (9.98)	--
1966	08/21/66	4.25 (150)	6	1.03 (3.38)	2
1967	06/10/67	6.37 (225)	6	1.13 (3.70)	--
1968	05/07/68	1.90 (67)	6	.70 (2.28)	2
1969	05/05/69	1.67 (59)	6	.67 (2.21)	2
1970	05/12/70	2.80 (99)	6	.74 (2.42)	2
1971	05/23/71	1.95 (69)	6	.71 (2.33)	2
1972	05/09/72	2.78 (98)	6	.75 (2.45)	2
1973	05/12/73	2.12 (75)	6	.74 (2.43)	2
1974	05/07/74	2.10 (74)	6	.72 (2.35)	2
1975	05/13/75	2.38 (84)	6	.73 (2.40)	2
1976	05/09/76	2.15 (76)	6	.72 (2.36)	2
1977	08/25/77	1.81 (64)	6	.69 (2.27)	2
1978	05/12/78	2.66 (94)	6	.78 (2.55)	2
1979	05/15/79	2.29 (81)	6	.74 (2.44)	2
1980	05/25/80	2.10 (74)	6	.73 (2.40)	2
1981	05/18/81	1.39 (49)	6	.59 (1.94)	2
1982	05/08/82	1.76 (62)	6	.65 (2.12)	2
1983	04/23/83	2.38 (84)	6	.70 (2.28)	0
1984	05/03/84	1.84 (65)	6	.63 (2.08)	2
1985	04/20/85	1.73 (61)	6	.59 (1.93)	2
1986	05/01/86	2.04 (72)	6	.62 (2.05)	2
1987	05/04/87	1.84 (65)	6	.61 (1.99)	2
1988	05/20/88	2.44 (86)	6	.88 (2.88)	2
1989	05/11/89	1.78 (63)	6	.61 (2.00)	2
1990	05/05/90	1.95 (69)	6	.62 (2.03)	2
1991	06/19/91	2.75 (97)	6	.70 (2.30)	2
1992	05/01/92	1.84 (65)	6	.61 (2.01)	--
1993	05/11/93	2.35 (83)	6	.71 (2.32)	--

06686000 NORTH PLATTE RIVER AT LISCO, NE

LOCATION.--Lat. 41°29'24", long 102°37'24", in SW1/4 NE1/4 sec.33, T.18 N., R.46 W., Garden County, Hydrologic Unit 10180009, on left bank 12 m (40 ft) downstream of highway bridge, 0.8 km (0.5 mi) south of Lisco, and at kilometer 182 (mile 113).

DRAINAGE AREA.--69,150 km² (26,700 mi²), approximately, of which about 64,000 km² (24,700 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1916-17 (irrigation season only), 1932 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 1,059.03 m (3,474.5 ft) above sea level. Prior to Sept. 8, 1931, nonrecording gage at different datum, Sept. 8, 1931 to May 3, 1932, nonrecording gage at datum 0.3 m (1.0 ft) higher, May 4 1932, to May 28, 1974, water-stage recorder at datum (0.3 m) 1.0 ft higher, and May 29, 1974 to Oct. 31, 1988, water-stage recorder at present datum; all at downstream side of right bridge pier 12 m (40 ft) upstream and 183 m (600 ft) south of present site.

REMARKS.-- Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 569 m³/s (20,100 ft³/s) June 27, 1917.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1916	05/22/16	170	(6000)	6	--	--	--
1917	06/27/17	569	(20100)	6	--	--	--
1932	06/18/32	60.0	(2120)	6	0.95	(3.12)	2
1933	05/26/33	231	(8150)	6	1.26	(4.13)	2
1934	05/03/34	101	(3580)	6	1.02	(3.34)	2
1935	06/15/35	343	(12100)	6	1.39	(4.57)	--
1936	06/10/36	73.9	(2610)	6	.93	(3.04)	2
1937	07/18/37	95.1	(3360)	6	1.03	(3.39)	2
1938	04/26/38	162	(5730)	6	1.15	(3.76)	2
1939	11/03/38	60.6	(2140)	6	.88	(2.87)	2
1940	06/08/40	58.9	(2080)	6	.93	(3.06)	2
1941	06/13/41	145	(5110)	6	1.22	(4.01)	--
1942	05/16/42	240	(8470)	6	1.34	(4.40)	--
1943	10/14/42	78.4	(2770)	6	.96	(3.14)	2
1944	07/11/44	88.1	(3110)	6	1.06	(3.49)	2
1945	06/13/45	123	(4350)	6	1.15	(3.76)	2
1946	10/02/45	83.3	(2940)	6	1.00	(3.27)	2
1947	06/29/47	221	(7790)	6	1.42	(4.66)	--
1948	06/18/48	88.6	(3130)	6	1.06	(3.46)	2
1949	06/15/49	91.4	(3230)	6	1.02	(3.36)	2
1950	09/19/50	79.9	(2820)	6	.99	(3.26)	2
1951	09/04/51	145	(5120)	6	1.26	(4.13)	2
1952	06/03/52	108	(3800)	6	1.10	(3.62)	2
1953	07/30/53	103	(3620)	6	1.14	(3.73)	2
1954	10/21/53	51.3	(1810)	6	.88	(2.89)	2
1955	07/01/55	167	(5900)	6	1.35	(4.44)	--

06686000 NORTH PLATTE RIVER AT LISCO, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1956	07/05/56	115	(4060)	6	1.24	(4.07)	2
1957	05/21/57	112	(3960)	6	1.16	(3.81)	--
1958	07/22/58	91.5	(3230)	6	1.11	(3.63)	2
1959	09/26/59	60.9	(2150)	6	.95	(3.13)	2
1960	10/02/59	64.9	(2290)	6	.97	(3.17)	2
1961	05/14/61	46.4	(1640)	6	0.97	(2.84)	2
1962	07/15/62	93.7	(3310)	6	1.08	(3.54)	2
1963	06/16/63	88.6	(3130)	6	1.06	(3.48)	2
1964	10/21/63	64.6	(2280)	6	.95	(3.12)	2
1965	06/11/65	161	(5670)	6	1.35	(4.44)	2
1966	10/19/65	68.5	(2420)	6	.98	(3.22)	2
1967	06/16/67	112	(3970)	6	1.18	(3.86)	2
1968	06/18/68	89.8	(3170)	6	1.12	(3.69)	2
1969	05/06/69	76.7	(2710)	6	1.06	(3.46)	2
1970	06/20/70	131	(4620)	6	1.23	(4.05)	--
1971	06/03/71	374	(13200)	6	1.54	(5.05)	2
1972	03/21/72	90.6	(3200)	6	.94	(3.09)	2
1973	05/29/73	274	(9690)	6	1.43	(4.68)	2
1974	04/08/74	170	(6020)	6	1.20	(3.92)	2
1975	07/01/75	61.5	(2170)	6	.78	(2.57)	2
1976	09/30/76	62.6	(2210)	6	.80	(2.62)	2
1977	10/01/76	66.3	(2340)	6	.81	(2.66)	2
1978	05/29/78	134	(4740)	6	1.15	(3.76)	2
1979	07/28/79	75.3	(2660)	6	.90	(2.96)	2
1980	05/26/80	127	(4480)	6	1.09	(3.57)	2
1981	07/27/81	57.8	(2040)	6	.80	(2.63)	2
1982	07/30/82	72.5	(2560)	6	.91	(3.00)	2
1983	06/29/83	246	(8700)	6	1.41	(4.62)	--
1984	06/18/84	251	(8880)	6	1.33	(4.37)	2
1985	03/11/85	101	(3580)	6	.94	(3.07)	2
1986	06/11/86	180	(6370)	6	1.22	(3.99)	2
1987	05/25/87	125	(4420)	6	1.02	(3.35)	--
1988	05/21/88	87.5	(3090)	6	.86	(2.81)	--
1989	10/02/88	53.2	(1880)	6	.67	(2.21)	2
1990	09/30/90	38.8	(1370)	6	.53	(1.74)	2
1991	06/11/91	109	(3840)	6	.88	(2.90)	--
1992	10/07/91	39.9	(1410)	6	.56	(1.82)	2
1993	08/23/93	82.7	(2920)	6	.79	(2.59)	2

06686500 NORTH PLATTE RIVER AT OSHKOSH, NE

LOCATION.--Lat. 41°23', long 102°20' near line between sec. 3 and 10, T.16 N., R.44 W., Garden County, Hydrologic Unit 10180009, near right bank on downstream side of pier of bridge on State Highway 27, 1.6 km (1 mi) south of Oshkosh.

DRAINAGE AREA.--81,300 km² (31,400 mi²).

PERIOD OF RECORD.--1916, 1928 to 1960 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,027.15 m (3,369.9 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 552 m³/s (19,500 ft³/s) June 4, 1929.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1916	05/25/16	161	(5700)	6, 7	--	--	--
1928	06/07/28	411	(14500)	6	--	--	--
1929	06/04/29	552	(19500)	6	--	--	--
1930	10/02/29	280	(9900)	6	--	--	--
1931	11/23/30	147	(5200)	6	--	--	--
1932	04/23/32	68.0	(2400)	6	--	--	--
1933	05/27/33	180	(6370)	6	--	--	--
1934	05/04/34	90.3	(3190)	6	--	--	2
1935	06/16/35	334	(11800)	6	--	--	--
1936	03/03/36	80.7	(2850)	1, 6	--	--	2
1937	07/19/37	85.5	(3020)	6	--	--	2
1938	05/30/38	182	(6420)	6	--	--	--
1939	12/02/38	58.1	(2050)	1, 6	--	--	2
1940	02/28/40	60.9	(2150)	6	--	--	2
1941	06/13/41	139	(4900)	6	--	--	--
1942	05/16/42	265	(9350)	6	--	--	--
1943	10/14/42	75.3	(2660)	6	--	--	--
1944	07/12/44	86.4	(3050)	6	--	--	--
1945	06/15/45	122	(4310)	6	--	--	--
1946	10/03/45	85.8	(3030)	6	--	--	2
1947	06/29/47	243	(8580)	6	--	--	--
1948	06/19/48	83.5	(2950)	6	--	--	--
1949	06/15/49	87.2	(3080)	6	--	--	2
1950	09/19/50	85.5	(3020)	6	--	--	2
1951	09/05/51	143	(5040)	6	--	--	--
1952	06/04/52	104	(3680)	6	--	--	2
1953	06/10/53	93.5	(3300)	6	--	--	2
1954	10/21/53	62.3	(2200)	6	--	--	2
1955	07/01/55	160	(5640)	6	--	--	--
1956	07/05/56	125	(4420)	6	--	--	--
1957	05/22/57	106	(3740)	6	--	--	--
1958	07/22/58	94.6	(3340)	6	--	--	--
1959	09/29/59	62.0	(2190)	6	--	--	--
1960	11/23/59	80.7	(2850)	2, 6	--	--	2

***06687000 BLUE CREEK NEAR LEWELLEN, NE**

LOCATION.--Lat. 41°20'08", long 102°10'21", in NE1/4 sec.30, T.16 N., R.42 W., Garden County, Hydrologic Unit 10180009, on left bank 1.5 m (5 ft) downstream from county highway bridge, 0.8 km (0.5 mi) downstream from bridge on U.S. Highway 26, 1.3 km (0.8 mi) upstream from mouth, and 2.4 km (1.5 mi) west of Lewellen.

DRAINAGE AREA.--3,080 km² (1,190 mi²), approximately, of which about 275 km² (106 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,008.90 m (3,310.04 ft) above sea level. See WSP 1918 for history of changes prior to Apr. 10, 1958. Apr. 10, 1958 to Sept. 17, 1983, recording gage at site 38.1 m (125 ft) downstream at same datum.

REMARKS.-- Natural flow of stream affected by ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20.4 m³/s (720 ft³/s) May 20, 1938.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1931	10/04/30	5.66 (200)	1, 5	-- --	--
1932	04/24/32	8.78 (310)	5	-- --	2
1933	08/26/33	8.38 (296)	5	-- --	2
1934	05/03/34	6.48 (229)	5	-- --	2
1935	06/12/35	15.7 (553)	5	-- --	
1936	05/10/36	5.15 (182)	5	-- --	2
1937	08/25/37	14.0 (493)	5	-- --	2
1938	05/20/38	20.4 (720)	5	-- --	--
1939	06/02/39	5.15 (182)	5	-- --	2
1940	07/12/40	4.50 (159)	5	-- --	2
1941	06/06/41	19.4 (685)	5	-- --	--
1942	05/01/42	8.10 (286)	5	-- --	2
1943	02/01/43	3.85 (136)	5	-- --	2
1944	07/12/44	15.0 (528)	5	-- --	--
1945	04/17/45	4.56 (161)	5	-- --	2
1946	02/01/46	3.80 (134)	5	-- --	2
1947	06/29/47	8.86 (313)	5	1.46 (4.79)	2
1948	07/28/48	6.32 (223)	5	1.26 (4.13)	2
1949	06/12/49	7.19 (254)	5	1.15 (3.76)	2
1950	08/26/50	8.67 (306)	5	1.16 (3.82)	2
1951	05/20/51	7.96 (281)	5	1.16 (3.80)	2
1952	05/16/52	5.52 (195)	5	1.00 (3.28)	2
1953	07/29/53	8.75 (309)	5	1.27 (4.16)	2
1954	05/16/54	4.87 (172)	5	1.15 (3.78)	2
1955	05/27/55	5.83 (206)	5	1.26 (4.13)	2
1956	11/20/55	3.68 (130)	2, 5	1.43 (4.69)	2
1957	05/31/57	8.13 (287)	5	1.60 (5.26)	2
1958	07/18/58	10.6 (376)	5	1.71 (5.62)	2
1959	03/27/59	4.36 (154)	5	1.37 (4.48)	2
1960	03/19/60	5.95 (210)	5	1.51 (4.94)	2
1961	05/21/61	5.07 (179)	5	1.36 (4.47)	2
1962	07/11/62	15.8 (558)	5	1.75 (5.75)	--
1963	09/04/63	4.81 (170)	5	1.20 (3.93)	2
1964	04/03/64	4.93 (174)	5	1.15 (3.78)	2
1965	06/24/65	5.27 (186)	5	1.17 (3.85)	2

***06687000 BLUE CREEK NEAR LEWELLEN, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1966	02/17/66	5.78 (204)	5	2.02 (6.61)	1
1967	06/13/67	4.87 (172)	5	1.15 (3.77)	2
1968	08/15/68	7.90 (279)	5	1.41 (4.62)	2
1969	06/11/69	6.26 (221)	5	1.32 (4.34)	2
1970	04/19/70	3.85 (136)	5	1.14 (3.75)	2
1971	05/08/71	3.77 (133)	5	1.18 (3.86)	2
1972	06/27/72	3.96 (140)	5	1.20 (3.94)	2
1973	03/04/73	4.08 (144)	5	1.16 (3.81)	2
1974	05/30/74	4.08 (144)	5	1.17 (3.85)	2
1975	05/13/75	4.14 (146)	5	1.17 (3.85)	2
1976	04/08/76	5.15 (182)	5	1.27 (4.16)	2
1977	04/20/77	6.34 (224)	5	1.27 (4.17)	--
1978	05/29/78	5.64 (199)	5	1.29 (4.22)	2
1979	02/24/79	13.6 (480)	5	1.68 (5.50)	2
1980	04/07/80	3.60 (127)	5	1.20 (3.95)	2
1981	10/16/80	5.58 (197)	5	1.32 (4.34)	2
1982	06/23/82	4.96 (175)	5	1.38 (4.52)	2
1983	06/13/83	7.93 (280)	5	1.53 (5.02)	2
1984	04/21/84	4.30 (152)	5	1.30 (4.26)	2
1985	07/24/85	7.76 (274)	5	1.52 (4.99)	2
1986	04/03/86	4.19 (148)	5	1.25 (4.09)	2
1987	05/03/87	11.2 (394)	5	1.64 (5.38)	2
1988	05/20/88	5.95 (210)	5	1.39 (4.57)	2
1989	03/23/89	3.28 (1160)	5	1.16 (3.82)	2
1990	07/27/90	4.90 (173)	5	1.26 (4.13)	2
1991	06/21/91	3.82 (135)	5	1.20 (3.95)	2
1992	08/07/92	4.16 (147)	5	1.16 (3.80)	--
1993	05/06/93	4.62 (163)	5	1.25 (4.10)	--

***06687500 NORTH PLATTE RIVER AT LEWELLEN, NE**

LOCATION.--Lat. 41°19'01", long 102°07'32", in SE1/4 NW1/4 sec.34, T.16 N., R.42 W., Garden County, Hydrologic Unit 10180009, on left bank 5.8 m (19 ft) downstream from bridge on State Highway 26, 1.6 km (1 mi) southeast of Lewellen, and approximately 0.8 km (0.5 mi) upstream from high-water line of Lake McConaughy and at kilometer 133 (mile 82.5).

DRAINAGE AREA.--74,073 km² (28,600 mi²), approximately, of which about 65,800 km² (25,400 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,002.84 m (3,290.16 ft) above sea level. July to September 1931, nonrecording gage at site 1.4 km (0.9 mi) upstream at different datum. December 1940 to September 19, 1973, water-stage recorders on two channels at present site at datum .39 m (1.28 ft) lower. Sept. 21, 1973 to July 13, 1984, water-stage recorder at site 1.4 km (0.9 mi) upstream at datum 1.30 m (4.28 ft) higher.

REMARKS.-- Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 382 m³/s (13,500 ft³/s) June 4, 1971.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	06/14/41	140	(4940)	6	--	--	--
1942	05/16/42	237	(8380)	6	--	--	--
1943	03/12/43	80.4	(2840)	1, 6	--	--	1
1944	07/12/44	94.0	(3320)	6	--	--	--
1945	06/16/45	137	(4830)	6	--	--	--
1946	10/03/45	87.2	(3080)	6	--	--	--
1947	06/29/47	259	(9140)	6	--	--	--
1948	02/19/48	102	(3600)	2, 6	--	--	1
1949	06/16/49	91.8	(3240)	6	--	--	--
1950	08/06/50	97.4	(3440)	6	--	--	--
1951	09/06/51	159	(5610)	6	--	--	--
1952	06/04/52	114	(4010)	6	--	--	--
1953	06/10/53	93.5	(3300)	6	--	--	--
1954	10/21/53	63.2	(2230)	6	--	--	--
1955	07/02/55	147	(5180)	6	--	--	--
1956	07/06/56	136	(4810)	6	--	--	--
1957	05/22/57	108	(3810)	6	--	--	--
1958	07/20/58	150	(5290)	6	--	--	--
1959	01/27/59	64.6	(2280)	6	--	--	--
1960	03/19/60	101	(3560)	6	--	--	--
1961	05/22/61	61.5	(2170)	6	--	--	--
1962	07/17/62	98.8	(3490)	6	--	--	--
1963	06/02/63	85.2	(3010)	6	--	--	--
1964	10/21/63	79.3	(2800)	6	--	--	--
1965	06/12/65	144	(5100)	6	--	--	--
1966	10/19/65	85.0	(3000)	6	--	--	--
1967	06/17/67	108	(3830)	6	--	--	--
1968	05/06/68	113	(3980)	6	--	--	--
1969	05/07/69	79.0	(2790)	6	--	--	--
1970	06/22/70	133	(4680)	6	--	--	--

***06687500 NORTH PLATTE RIVER AT LEWELLEN, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/04/71	382	(13500)	6	--	--	--
1972	06/26/72	142	(5020)	6	--	--	--
1973	05/27/73	277	(9770)	6	--	--	--
1974	04/11/74	173	(6110)	6	2.04	(6.70)	2
1975	04/28/75	65.1	(2300)	6	1.65	(5.42)	2
1976	02/11/76	60.9	(2150)	6	1.88	(6.15)	2
1977	04/20/77	62.3	(2200)	6	1.70	(5.57)	2
1978	05/29/78	143	(5040)	6	2.02	(6.63)	2
1979	07/29/79	68.5	(2420)	6	1.77	(5.82)	2
1980	05/26/80	136	(4810)	6	2.09	(6.86)	2
1981	07/28/81	60.6	(2120)	6	1.81	(5.93)	2
1982	07/31/82	80.1	(2830)	6	1.89	(6.21)	2
1983	06/30/83	240	(8480)	6	2.31	(7.57)	2
1984	06/19/84	277	(9770)	6	2.33	(7.65)	2
1985	03/13/85	103	(3650)	6	1.94	(6.35)	2
1986	06/17/86	179	(6310)	6	2.19	(7.18)	--
1987	05/25/87	143	(5060)	6	2.05	(6.72)	2
1988	05/22/88	105	(3700)	6	1.92	(6.29)	2
1989	10/01/88	59.5	(2100)	6	1.72	(5.65)	2
1990	10/08/89	38.8	(1370)	6	1.63	(5.34)	2
1991	06/12/91	108	(3830)	6	2.00	(6.55)	--
1992	03/09/92	39.1	(1380)	6	1.62	(5.31)	--
1993	08/24/93	68.3	(2410)	6	1.90	(6.24)	--

06687600 ASH HOLLOW NEAR OSHKOSH, NEBR.

LOCATION.--Lat. 41°15'05", long 102°20'28", in SE1/4 SE1/4 sec.22, T.15 N., R.44 W., Garden County, Hydrologic Unit 10180014, at upstream side of triple 10'x10' (3 m x 3 m) concrete box culvert with 90° wingwalls on Nebraska Highway 27, 18 km (11 mi) south of Oshkosh in Garden County and 11 km (7 mi) east and 18 km (11 mi) north of Chappell.

DRAINAGE AREA.--142.2 km² (54.9 mi²).

PERIOD OF RECORD.--1970 to 1978. A culvert survey was made at this site to determine the peak discharge for the flood of August 15, 1968 (discontinued).

GAGE.--College Park-type crest-gage. Lowest recording stage is 3.35 m (11.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 97.4 m³/s (3,440 ft³/s) Aug. 15, 1968, gage height, 6.54 m (21.46 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 9.91 m³/s (350 ft³/s) Aug. 20, 1976, gage height, 3.86 m (12.68 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	08/15/68	97.4 (3440)	7	6.54 (21.46)	--
1970	/ /70	≤0.01 (≤.5)	--	-- --	4
1971	07/02/71	2.41 (85)	--	3.50 (11.49)	--
1972	09/01/72	2.26 (80)	--	3.50 (11.47)	--
1973	02/23/73	3.96 (140)	--	4.38 (14.37)	1
1974	/ /74	≤0.01 (≤.5)	--	-- --	4
1975	06/25/75	.14 (5)	2	3.22 (10.35)	4
1976	08/20/76	9.91 (350)	--	3.86 (12.68)	--
1977	/ /77	≤0.01 (≤.5)	--	-- --	4
1978	03/09/78	1.13 (40)	--	3.68 (12.06)	--

06688000 NORTH PLATTE RIVER AT BELMAR, NE

LOCATION.--Lat. 41°17', long 101°58' on west line of sec.7, T.15 N., R.40 W., Keith County, Hydrologic Unit 10180014, at highway bridge 0.8 km (0.5 mi) south of Belmar.

DRAINAGE AREA.--75,400 km² (29,100 mi²), approximately.

PERIOD OF RECORD.--1918 to 1925. Records furnished by the State engineer of Nebraska (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 984.50 m (3,230 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 651 m³/s (23,000 ft³/s) June 20, 1921.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1918	06/27/18	317	(11200)	6	--	--	--
1919	09/15/19	133	(4700)	6	--	--	--
1920	06/21/20	408	(14400)	6	--	--	--
1921	06/20/21	651	(23000)	6	--	--	--
1922	05/23/22	346	(12200)	6	--	--	--
1923	06/14/23	263	(9300)	6	--	--	--
1924	04/28/24	402	(14200)	6	--	--	--
1925	05/20/25	272	(9600)	6	--	--	--

06690500 NORTH PLATTE RIVER NEAR KEYSTONE, NE

LOCATION.--Lat. 41°12'30", long 101°37'50", in SW1/4 sec.1, T.14 N., R.38 W., Keith County, Hydrologic Unit 10180014, on right bank 0.3 km (0.2 mi) downstream from diversion dam of Sutherland Reservoir supply canal, 4.0 km (2.5 mi) southwest of Keystone, and at kilometer 87 (mile 54.0).

DRAINAGE AREA.--76,100 km² (29,400 mi²), approximately, of which about 67,900 km² (25,890 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1942 to current year. Monthly discharges only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 946.58 m (3,105.59 ft) above sea level. (Nebraska Public Power District bench mark). See WSP 1918 for history of changes prior to May 1, 1964.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas. Flow completely regulated by Lake McConaughy (station 06690000) since Feb. 9, 1941. Supply canal for Nebraska Public Power District diverts 0.3 km (0.2 mi) upstream from station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 575 m³/s (20,300 ft³/s), June 30, 1917.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 268 m³/s (9,470 ft³/s) Aug. 10, 1983, gage height 2.31 m (7.57 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1917	06/30/17	575	(20300)	6, 7	--	--	--
1942	08/03/42	74.5	(2630)	6	--	--	--
1943	08/04/43	61.2	(2160)	6	--	--	--
1944	07/31/44	105	(3700)	6	1.94	(6.38)	--
1945	07/30/45	74.8	(2640)	6	2.22	(7.28)	--
1946	07/22/46	74.5	(2630)	6	2.11	(6.93)	--
1947	08/18/47	88.9	(3140)	6	2.15	(7.06)	2
1948	07/28/48	87.8	(3100)	6	2.02	(6.64)	--
1949	07/26/49	86.1	(3040)	6	2.01	(6.59)	2
1950	10/10/49	46.7	(1650)	6	1.60	(5.25)	--
1951	08/12/51	58.1	(2050)	6	1.66	(5.45)	--
1952	07/04/52	104	(3680)	6	1.98	(6.50)	--
1953	07/06/53	88.1	(3110)	6	1.76	(5.79)	--
1954	07/29/54	80.4	(2840)	6	1.73	(5.68)	--
1955	08/09/55	68.5	(2420)	6	1.60	(5.26)	--
1956	07/17/56	81.3	(2870)	6	1.74	(5.72)	--
1957	08/07/57	64.0	(2260)	6	1.66	(5.43)	--
1958	07/02/58	114	(4040)	6	1.96	(6.43)	--
1959	07/21/59	75.3	(2660)	6	1.62	(5.30)	--
1960	07/24/60	70.2	(2480)	6	1.57	(5.14)	--
1961	07/17/61	80.7	(2850)	6	1.76	(5.76)	2
1962	05/16/62	104	(3670)	6	1.73	(5.68)	--
1963	07/09/63	87.2	(3080)	6	1.45	(4.77)	--
1965	08/18/65	50.4	(1780)	6	1.29	(4.23)	--
1966	07/13/66	86.1	(3040)	6	1.52	(4.98)	--
1967	07/26/67	67.4	(2380)	6	1.45	(4.77)	--
1968	08/09/68	103	(3640)	6	1.64	(5.37)	--
1969	07/16/69	63.4	(2240)	6	1.43	(4.68)	--
1970	06/19/70	91.5	(3230)	6	1.69	(5.53)	--

06690500 NORTH PLATTE RIVER NEAR KEYSTONE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/10/71	251	(8850)	6	2.21	(7.25)	--
1972	05/15/72	87.8	(3100)	6	1.70	(5.58)	--
1973	06/03/73	216	(7620)	6	2.19	(7.19)	--
1974	03/28/74	117	(4130)	6	1.88	(6.16)	--
1975	07/30/75	86.4	(3050)	6	1.78	(5.84)	--
1976	08/27/76	116	(4080)	6	1.94	(6.37)	--
1977	07/07/77	90.9	(3210)	6	1.78	(5.85)	--
1978	07/06/78	114	(4040)	6	1.91	(6.28)	--
1979	08/08/79	63.7	(2250)	6	1.70	(5.59)	--
1980	07/13/80	1-3	(3630)	6	1.95	(6.40)	--
1981	07/15/81	79.3	(2800)	6	1.83	(6.01)	--
1982	07/13/82	71.9	(2540)	6	1.29	(4.23)	2
1983	08/10/83	268	(9470)	6	2.31	(7.57)	--
1984	05/25/84	181	(6390)	6	1.96	(6.42)	--
1985	01/23/85	94.3	(3330)	6	1.57	(5.14)	--
1986	06/28/86	131	(4620)	6	1.83	(6.01)	--
1987	10/07/86	89.2	(3150)	6	1.71	(5.60)	--
1988	06/29/88	102	(3590)	6	1.73	(5.67)	--
1989	06/24/89	73.9	(2610)	6	1.58	(5.18)	--
1990	07/02/90	86.1	(3040)	6	1.63	(5.35)	--
1991	07/05/91	84.4	(2980)	6	1.62	(5.30)	--
1992	07/10/92	47.3	(1670)	6	1.40	(4.58)	--
1993	07/03/93	37.4	(1320)	6	1.31	(4.29)	--

***06691000 NORTH PLATTE RIVER NEAR SUTHERLAND, NE**

LOCATION.--Lat. 41°12'37", long 101°06'53", in sec.4, T.14 N., R.33 W., Lincoln County, Hydrologic Unit 10180014, on left bank 24 m (80 ft) downstream from bridge on county road, 4.0 km (2.5 mi) upstream from Birdwood Creek, and 5.6 km (3.5 mi) north of Sutherland and at kilometer 40 (mile 24.9).

DRAINAGE AREA.--77,200 km² (29,800 mi²), approximately, of which about 67,650 km² (26,120 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1917, 1933 and 1935 (irrigation seasons only), 1937 to 1992, 1993 (irrigation season only). Monthly discharges only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Elevation of gage is 890.02 m (2,920 ft) above sea level (from topographic map). Prior to Apr. 29, 1936, nonrecording gage near present site at different datums. Apr. 29, 1936 to Oct. 6, 1971, water-stage recorder at site 24 km (80 ft) upstream and Oct. 7, 1971 to Sept. 30, 1984 at present site, all at datum 0.3 m (1.0 ft) higher.

REMARKS.-- Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 575 m³/s (20,300 ft³/s) June 29, 1917.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 257 m³/s (9,090 ft³/s) June 8, 1971, gage height, 1.92 m (5.98 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1917	06/29/17	575	(20300)	6,7	--	--	--
1933	05/29/33	283	(10000)	6,7	--	--	--
1935	06/18/35	340	(12000)	6,7	--	--	--
1937	03/07/37	86.4	(3050)	6	--	--	--
1938	04/29/38	107	(3770)	6	1.51	(4.95)	--
1939	03/12/39	91.2	(3220)	6	1.44	(4.71)	2
1940	03/01/40	55.2	(1950)	2, 6	--	--	2
1941	07/28/41	40.2	(1420)	6	1.27	(4.17)	--
1942	09/02/42	65.1	(2300)	6	1.34	(4.38)	--
1943	07/23/43	54.9	(1940)	6	1.31	(4.29)	--
1944	08/24/44	70.0	(2470)	6	1.35	(4.43)	--
1945	08/02/45	56.6	(2000)	6	1.27	(4.16)	2
1946	07/24/46	57.2	(2020)	6	1.24	(4.06)	2
1947	08/20/47	84.4	(2980)	6	1.36	(4.46)	--
1948	07/29/48	86.1	(3040)	6	1.41	(4.63)	--
1949	07/28/49	73.1	(2580)	6	1.37	(4.50)	2
1950	05/06/50	42.5	(1500)	6	1.20	(3.93)	--
1951	05/15/51	34.8	(1230)	6	1.17	(3.84)	--
1952	06/10/52	87.2	(3080)	6	1.48	(4.85)	--
1953	07/09/53	66.8	(2360)	6	1.40	(4.59)	--
1954	07/20/54	59.5	(2100)	6	1.34	(4.40)	--
1955	07/28/55	56.1	(1980)	6	1.27	(4.18)	2

***06691000 NORTH PLATTE RIVER NEAR SUTHERLAND, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	07/19/56	52.1 (1840)	6	1.26 (4.14)	--
1957	07/22/57	55.5 (1960)	6	1.30 (4.27)	--
1958	08/17/58	115 (4060)	6	1.56 (5.11)	--
1959	07/21/59	59.8 (2110)	6	1.32 (4.33)	--
1960	08/09/60	60.3 (2130)	6	1.31 (4.30)	--
1961	07/19/61	59.5 (2100)	6	1.33 (4.36)	--
1962	05/17/62	95.2 (3360)	6	1.47 (4.83)	--
1963	07/11/63	72.5 (2560)	6	1.38 (4.52)	--
1964	07/09/64	57.8 (2040)	6	1.32 (4.32)	--
1965	08/21/65	49.8 (1760)	6	1.21 (3.98)	--
1966	07/15/66	71.1 (2510)	6	1.39 (4.57)	--
1967	07/28/67	53.5 (1890)	6	1.22 (4.02)	--
1968	08/11/68	86.1 (3040)	6	1.50 (4.93)	--
1969	07/22/69	54.9 (1940)	6	1.28 (4.20)	--
1970	06/21/70	79.9 (2820)	6	1.43 (4.69)	--
1971	06/08/71	257 (9090)	6	1.82 (5.98)	--
1972	05/16/72	82.4 (2910)	6	1.22 (4.01)	--
1973	06/12/73	195 (6870)	6	1.62 (5.32)	2
1974	03/21/74	110 (3890)	6	1.43 (4.69)	--
1975	07/31/75	67.7 (2390)	6	1.10 (3.61)	--
1976	08/28/76	91.7 (3240)	6	1.29 (4.24)	--
1977	07/09/77	73.9 (2610)	6	1.11 (3.65)	--
1978	07/20/78	69.7 (2460)	6	1.12 (3.67)	--
1979	08/16/79	45.9 (1620)	6	0.86 (2.81)	--
1980	08/10/80	62.6 (2210)	6	1.04 (3.41)	--
1981	07/17/81	74.8 (2640)	6	1.14 (3.74)	--
1982	07/20/82	63.4 (2240)	6	1.06 (3.46)	--
1983	08/23/83	100 (6540)	6	1.58 (5.19)	2
1984	04/02/84	162 (5720)	6	1.49 (4.89)	--
1985	11/16/84	87.2 (3080)	6	1.39 (4.57)	2
1986	07/13/86	83.8 (2960)	6	1.35 (4.44)	--
1987	10/17/86	88.1 (3110)	6	1.42 (4.66)	--
1988	06/30/88	76.7 (2710)	6	1.33 (4.36)	--
1989	06/24/89	63.2 (2230)	6	1.23 (4.05)	--
1990	07/19/90	73.3 (2590)	6	1.28 (4.21)	--
1991	07/07/91	61.7 (2180)	6	1.22 (4.00)	--
1992	07/11/92	33.4 (1180)	6	.97 (3.17)	--

***06692000 BIRDWOOD CREEK NEAR HERSHEY, NEBR.**

LOCATION.--Lat. 41°13'20", long 101°04'12", in NE1/4 NW1/4 sec.2, T.14 N., R.33 W., Lincoln County, Hydrologic Unit 10180014, on left bank 18 m (60 ft) from bridge on county road, 2.4 km (1.5 mi) upstream from mouth, and 8 km (5 mi) northwest of Hershey.

DRAINAGE AREA.--2,430 km² (940 mi²), approximately, of which about 202 km² (78 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1932 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 890.02 m (2,920 ft) above sea level (from topographic map). Jan. 1, 1931 to Dec. 16, 1934, nonrecording gage and Dec. 17, 1934 to Nov. 4, 1953, water-stage recorder, at site 15 m (50 ft) upstream at present datum.

REMARKS.--Natural flow of stream affected by ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50.1 m³/s (1,770 ft³/s) Apr. 1, 1949, gage height 1.33 m (4.35 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1932	06/11/32	9.06 (320)	5	0.82 (2.70)	2
1933	04/21/33	9.91 (350)	5	.85 (2.80)	--
1934	08/17/34	15.7 (554)	5	.95 (3.12)	--
1935	04/24/35	23.5 (830)	2, 5	1.08 (3.53)	2
1936	04/30/36	12.9 (454)	5	1.00 (3.29)	2
1937	07/21/37	20.4 (719)	5	1.12 (3.67)	2
1938	07/17/38	18.6 (657)	5	1.13 (3.71)	2
1939	06/13/39	10.7 (378)	5	.97 (3.18)	2
1940	10/09/39	8.10 (286)	5	.94 (3.07)	2
1941	05/16/41	15.3 (541)	5	1.07 (3.50)	2
1942	09/02/42	20.5 (725)	5	1.19 (3.90)	2
1943	06/14/43	17.0 (599)	5	1.11 (3.63)	2
1944	06/03/44	14.0 (494)	5	1.02 (3.35)	2
1945	08/21/45	11.3 (398)	5	.96 (3.15)	2
1946	06/17/46	13.2 (466)	5	.89 (2.93)	2
1947	06/18/47	14.2 (501)	5	.91 (2.99)	2
1948	08/02/48	13.2 (465)	5	.86 (2.83)	2
1949	04/01/49	50.1 (1770)	5	1.33 (4.35)	2
1950	10/10/49	8.72 (308)	5	.72 (2.36)	2
1951	06/21/51	20.5 (723)	5	.89 (2.91)	2
1952	08/01/52	13.2 (465)	5	.76 (2.50)	2
1953	08/24/53	7.56 (267)	5	.55 (1.80)	2
1954	05/17/54	8.75 (309)	5	.59 (1.93)	2
1955	05/26/55	13.0 (458)	5	.69 (2.26)	2
1956	06/05/56	9.20 (325)	5	.54 (1.78)	2
1957	05/09/57	10.5 (372)	5	.55 (1.79)	2
1958	05/14/58	33.7 (1190)	5	.97 (3.18)	2
1959	02/11/59	9.20 (325)	2, 5	1.24 (4.08)	1
1960	03/10/60	11.0 (390)	2, 5	-- --	2
1961	06/06/61	9.46 (334)	5	.49 (1.62)	2
1962	05/17/62	11.7 (413)	5	.56 (1.84)	2
1963	02/07/63	15.6 (550)	2, 5	-- --	2
1964	12/25/63	9.91 (350)	2, 5	-- --	2
1965	06/05/65	7.48 (264)	5	.48 (1.58)	2

***06692000 BIRDWOOD CREEK NEAR HERSHEY, NEBR.--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1966	06/08/66	7.42 (262)	5	0.45 (1.48)	2
1967	07/08/67	11.0 (389)	5	.53 (1.73)	2
1968	04/04/68	6.46 (228)	5	.28 (0.93)	2
1969	01/10/69	7.56 (267)	5	1.10 (3.61)	2
1970	06/12/70	8.44 (298)	5	.46 (1.52)	2
1971	04/20/71	13.9 (491)	5	.54 (1.77)	2
1972	07/28/72	14.6 (516)	5	.61 (2.01)	2
1973	05/26/73	7.73 (273)	5	.47 (1.54)	2
1974	05/21/74	9.34 (330)	5	.65 (2.14)	2
1975	07/31/75	12.7 (449)	5	.66 (2.18)	2
1976	09/15/76	13.0 (458)	5	.58 (1.91)	2
1977	07/10/77	13.8 (486)	5	.60 (1.97)	2
1978	10/01/77	6.57 (232)	5	.35 (1.14)	2
1979	07/05/79	7.53 (266)	5	.40 (1.32)	2
1980	02/20/80	6.57 (232)	5	.33 (1.09)	2
1981	07/26/81	8.44 (298)	5	.46 (1.52)	2
1982	05/13/82	7.62 (269)	5	.36 (1.18)	2
1983	07/27/83	8.07 (285)	5	.48 (1.57)	2
1984	06/16/84	6.63 (234)	5	.72 (2.35)	2
1985	05/11/85	7.22 (255)	5	.64 (2.09)	2
1986	05/09/86	8.24 (291)	5	.56 (1.83)	2
1987	07/18/87	7.56 (267)	5	.52 (1.71)	--
1988	01/22/88	6.80 (240)	5	1.08 (3.56)	1, 2
1989	07/31/89	9.09 (321)	5	.66 (2.15)	2
1990	05/19/90	6.88 (243)	5	.62 (2.04)	2
1991	09/12/91	8.21 (290)	5	.71 (2.34)	2
1992	03/05/92	6.00 (212)	5	.60 (1.96)	--
1993	03/08/93	5.86 (207)	5	.56 (1.83)	--

06693000 NORTH PLATTE RIVER AT NORTH PLATTE, NE

LOCATION.--Lat. 41°09'13", long 100°45'16", in sec.28, T.14 N., R.30 W., Lincoln County, Hydrologic Unit 10180014 on right bank 46 m (150 ft) downstream from bridge on U.S. highway 83, 0.8 km (0.5 mi) north of city of North Platte, and 7.2 km (4.5 mi) upstream from confluence with South Platte River.

DRAINAGE AREA.--80,030 km² (30,900 mi²), approximately, of which about 68,100 km² (26,300 mi²) contributes directly to runoff.

PERIOD OF RECORD.--1895 to current year. Monthly discharge only for some period, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 851.04 m (2,792.14 ft) above sea level (Nebraska Department of Roads bench mark). See WSP for history changes prior to June 3, 1968.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 838 m³/s (29,600 ft³/s) June 11, 1909.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1895	06/07/95	493	(17400)	5	--	--	--
1896	06/06/96	462	(16300)	5	--	--	--
1897	06/08/97	708	(25000)	5	--	--	--
1898	05/30/98	433	(15300)	5	--	--	--
1899	06/27/99	518	(18300)	5	--	--	--
1900	06/08/00	549	(19400)	5	--	--	--
1901	06/12/01	549	(19400)	5	--	--	--
1902	05/16/02	280	(9900)	5	--	--	--
1903	03/16/03	453	(16000)	5	--	--	--
1904	06/14/04	470	(16600)	5	--	--	--
1905	06/16/05	680	(24000)	5	--	--	--
1906	06/05/06	544	(19200)	5	--	--	--
1907	06/16/07	453	(16000)	5	--	--	--
1908	06/04/08	756	(26700)	5	--	--	--
1909	06/11/09	838	(29600)	6	--	--	--
1910	10/16/09	195	(6900)	6	--	--	--
1911	02/13/11	101	(3550)	6	--	--	--
1912	04/05/12	425	(15000)	6	--	--	--
1913	10/14/12	256	(9040)	6	--	--	--
1914	05/03/14	231	8150)	6	--	--	--
1915	05/27/15	309	(10900)	6	--	--	--
1916	05/22/16	142	(5000)	6	--	--	--
1917	06/29/17	592	(20900)	6	--	--	--
1918	06/30/18	283	(10000)	6	--	--	--
1919	06/09/19	122	(4300)	6	--	--	--
1920	06/25/20	425	(15000)	6	--	--	--
1921	06/20/21	683	(24100)	6	--	--	--
1922	05/24/22	306	(10800)	6	--	--	--
1923	05/29/23	297	(10500)	6	--	--	--
1924	10/03/23	524	(18500)	6	--	--	--
1925	05/21/25	178	(6300)	6	--	--	--

06693000 NORTH PLATTE RIVER AT NORTH PLATTE, NE.--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1926	06/19/26	396	(10800)	6	--	--	--
1927	08/08/27	261	(9200)	6	--	--	--
1928	06/12/28	442	(15600)	6	--	--	--
1929	06/05/29	592	(20900)	6	--	--	--
1930	10/04/29	312	(11000)	6	1.45	(4.75)	--
1931	04/03/31	195	(6900)	6	1.41	(4.62)	--
1932	03/19/32	179	(6320)	6	1.33	(4.36)	2
1933	05/29/33	283	(9980)	6	1.37	(4.50)	--
1934	05/06/34	109	(3840)	6	1.19	(3.91)	2
1935	06/18/35	331	(11700)	6	1.58	(5.20)	--
1936	03/05/36	181	(6400)	2, 6	--	--	2
1937	02/24/37	110	(5010)	6	1.24	(4.08)	2
1938	04/29/38	142	(5010)	6	1.24	(4.08)	--
1939	03/12/39	111	(3920)	6	1.19	(3.91)	--
1940	06/07/40	65.7	(2320)	6	1.06	(3.46)	2
1941	07/29/41	44.7	(1580)	6	1.03	(3.37)	--
1942	09/03/42	187	(6610)	6	1.32	(4.32)	--
1943	06/15/43	68.8	(2430)	6	1.14	(3.73)	--
1944	08/25/44	71.1	(2510)	6	1.13	(3.70)	--
1945	08/05/45	75.0	(2650)	6	1.10	(3.62)	2
1946	07/22/46	58.3	(2060)	6	1.04	(3.42)	2
1947	08/21/47	74.5	(2630)	6	1.16	(3.79)	--
1948	07/29/48	95.2	(3360)	6	1.21	(3.97)	2
1949	08/02/49	73.1	(2580)	6	1.12	(3.66)	2
1950	05/06/50	54.1	(1910)	6	0.98	(3.23)	2
1951	05/15/51	153	(5390)	6	1.44	(4.71)	--
1952	06/11/52	86.4	(3050)	6	1.24	(4.08)	2
1953	07/10/53	70.8	(2500)	6	1.16	(3.80)	--
1954	07/21/54	61.2	(2160)	6	1.13	(3.70)	--
1955	08/09/55	61.2	(2160)	6	1.16	(3.82)	--
1956	06/18/56	60.0	(2120)	6	1.16	(3.80)	--
1957	07/23/57	56.1	(1980)	6	1.17	(3.85)	--
1958	08/18/58	105	(3710)	6	1.44	(4.74)	--
1959	07/22/59	59.4	(2100)	6	1.21	(3.98)	--
1960	08/10/60	58.9	(2080)	6	1.23	(4.05)	2
1961	07/22/61	58.1	(2050)	6	1.25	(4.09)	--
1962	05/18/62	100	(3540)	6	1.48	(4.86)	--
1963	07/13/63	70.5	(2490)	6	1.30	(4.35)	--
1964	07/10/64	72.2	(2550)	6	1.35	(4.44)	--
1965	08/22/65	53.8	(1900)	6	1.26	(4.15)	2
1966	06/09/66	79.0	(2790)	6	1.37	(4.48)	2
1967	07/09/67	70.8	(2500)	6	1.41	(4.62)	2
1968	08/12/68	90.1	(3180)	6	1.47	(4.83)	--
1969	07/24/69	61.5	(2170)	6	1.41	(4.64)	2
1970	06/24/70	83.5	(2950)	6	1.55	(5.09)	--

06693000 NORTH PLATTE RIVER AT NORTH PLATTE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/10/71	271	(9580)	6	2.04	(6.71)	--
1972	05/12/72	93.7	(3310)	6	1.46	(4.78)	--
1973	06/13/73	196	(6930)	6	1.83	(5.99)	--
1974	04/13/74	124	(4390)	6	1.62	(5.31)	2
1975	08/01/75	85.0	(3000)	6	1.51	(4.94)	--
1976	08/30/76	101	(3560)	6	1.64	(5.37)	--
1977	07/11/77	89.8	(3170)	6	1.60	(5.24)	--
1978	07/21/78	84.7	(2990)	6	1.58	(5.17)	--
1979	08/15/79	48.7	(1720)	6	1.35	(4.42)	2
1980	04/27/80	67.4	(2380)	6	1.47	(4.82)	2
1981	07/18/81	72.5	(2560)	6	1.66	(5.43)	--
1982	07/19/82	64.9	(2290)	6	1.54	(5.05)	--
1983	08/23/83	221	(7800)	6	2.02	(6.63)	2
1984	04/22/84	176	(6220)	6	1.93	(6.33)	2
1985	11/17/84	85.8	(3030)	6	1.52	(4.98)	2
1986	09/17/86	90.6	(3200)	6	1.52	(4.98)	2
1987	10/12/86	98.0	(3460)	6	1.57	(5.14)	--
1988	06/29/88	80.4	(2840)	6	1.50	(4.91)	--
1989	07/31/89	71.6	(2530)	6	1.47	(4.81)	--
1990	07/20/90	77.3	(2730)	6	1.51	(4.95)	--
1991	07/24/91	62.0	(2190)	6	1.48	(4.87)	--
1992	08/25/92	43.0	(1520)	6	1.34	(4.40)	--
1993	08/21/93	30.6	(1080)	6	1.22	(4.01)	2

***06762500 LODGEPOLE CREEK AT BUSHNELL, NE**

LOCATION.--Lat. 41°13'50", long 103°53'28", in sec.32 T.15 N., R.57 W., Kimball County, Hydrologic Unit 10190016, on right bank 0.16 km (0.1 mi) south of Bushnell at south end of highway bridge on State Highway 53c and at kilometer 240 (mile 149).

DRAINAGE AREA.--3,500 km² (1,350 mi²).

PERIOD OF RECORD.--1932 to 1992, 1993 (irrigation season only). Records for March to September 1931 at site 2.4 km (1.5 mi) upstream not equivalent owing to diversions. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 1,476.85 m (4,845.31 ft) above sea level. Prior to Mar. 26, 1938, nonrecording gage, March. 26, 1938 to July 2, 1981 water stage recorder, July 3, 1981 to Sept. 30, 1981 a nonrecording gage at previous site 2.7 km (1.7 mi) downstream from present site at datum .92 m (3.01 ft) lower.

REMARKS.-- Natural flow or stream affected by ground-water withdrawals and diversions for irrigation and return flow from irrigated areas. Diversions for irrigation of about 60 km (12,600 acres) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 467 m³/s (16,500 ft³/s) Sept. 15, 1950, gage height, 3.01 m (9.98 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1932	06/27/32	4.28 (151)	5	1.01 (3.33)	--
1933	08/27/33	85.2 (3010)	5	2.13 (7.00)	--
1934	08/08/34	3.31 (117)	5	0.94 (3.10)	--
1935	06/11/35	46.2 (1630)	5	1.92 (6.30)	--
1936	08/01/36	2.55 (90)	5	.85 (2.80)	--
1937	08/18/37	18.8 (665)	5	1.62 (5.30)	--
1938	09/03/38	36.2 (1280)	5	1.83 (6.00)	--
1939	05/31/39	3.17 (112)	5	.91 (3.00)	--
1940	09/06/40	1.47 (52)	5	.60 (1.98)	--
1941	06/10/41	15.9 (562)	5	1.58 (5.20)	--
1942	09/05/42	1.25 (44)	5	.55 (1.79)	--
1943	07/01/43	1.59 (56)	5	.76 (2.48)	--
1944	07/10/44	3.82 (135)	5	1.09 (3.57)	--
1945	06/23/45	14.7 (518)	5	1.60 (5.25)	--
1946	05/10/46	1.27 (45)	1, 5	.70 (2.30)	--
1947	06/23/47	0.62 (22)	5	.63 (2.08)	--
1948	07/14/48	110 (3900)	5	2.25 (7.37)	--
1949	05/15/49	9.46 (334)	5	1.48 (4.85)	2
1950	09/15/50	467 (16500)	5	3.04 (9.98)	--
1951	09/07/51	100 (3540)	5	2.20 (7.23)	--
1952	03/24/52	.68 (24)	5	.47 (1.55)	--
1953	08/01/53	52.4 (1850)	5	1.91 (6.25)	--
1954	07/14/54	2.49 (88)	5	1.03 (3.38)	2
1955	09/19/55	129 (4560)	5	2.30 (7.55)	--
1956	02/28/56	.74 (26)	5	.52 (1.72)	--
1957	07/19/57	14.0 (494)	5	1.54 (5.04)	--
1958	07/18/58	11.0 (390)	5	1.48 (4.85)	--
1959	03/30/59	.99 (35)	5	.57 (1.87)	--
1960	07/07/60	7.36 (260)	5	1.37 (4.50)	--

***06762500 LODGEPOLE CREEK AT BUSHNELL, NEBR.--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1961	06/03/61	5.83	(206)	5	1.30	(4.26)	--
1962	07/31/62	10.2	(361)	5	1.46	(4.79)	--
1963	09/08/63	5.78	(204)	5	1.30	(4.25)	--
1964	11/30/63	.42	(15)	5	.41	(1.34)	2
1965	06/14/65	7.87	(278)	5	1.38	(4.52)	--
1966	08/19/66	57.5	(2030)	5	1.88	(6.16)	--
1967	06/18/67	8.78	(310)	5	1.44	(4.71)	--
1968	04/07/68	1.02	(36)	5	0.57	(1.88)	2
1969	06/12/69	1.22	(43)	5	.64	(2.10)	2
1970	04/21/70	0.65	(23)	5	.47	(1.55)	--
1971	06/03/71	8.52	(301)	5	1.42	(4.67)	--
1972	08/23/72	7.31	(258)	5	1.42	(4.65)	--
1973	03/23/73	.82	(29)	5	.64	(2.10)	2
1974	11/28/73	.42	(15)	5	.50	(1.63)	2
1975	08/16/75	5.95	(210)	5	1.30	(4.28)	--
1976	08/05/76	1.02	(36)	5	.73	(2.40)	2
1977	06/21/77	3.54	(125)	5	1.30	(4.28)	--
1978	07/06/78	149	(5270)	5	2.32	(7.61)	--
1979	07/25/79	7.48	(264)	5	1.37	(4.51)	--
1980	02/21/80	7.42	(262)	5	1.37	(4.48)	--
1981	07/02/81	266	(9390)	5	3.07	(10.06)	--
1982	06/25/82	11.0	(387)	5	.83	(2.72)	--
1983	07/23/83	16.6	(586)	5	.94	(3.09)	--
1984	02/12/84	3.82	(135)	5	.61	(1.99)	--
1985	09/11/85	.85	(30)	5	.37	(1.20)	2
1986	06/13/86	5.07	(179)	5	.66	(2.18)	--
1987	08/04/87	7.96	(281)	5	.77	(2.52)	--
1988	07/18/88	12.5	(443)	5	.87	(2.87)	--
1989	04/22/89	.25	(9)	5	.23	(0.76)	2
1990	08/21/90	20.2	(715)	5	1.01	(3.31)	--
1991	08/12/91	13.1	(463)	5	.89	(2.91)	--
1992	06/15/92	.23	(8)	5	.26	(0.85)	--

06762650 LODGEPOLE CREEK TRIBUTARY NEAR KIMBALL, NE

LOCATION.--Lat. 41°17'57", long 103°36'32" in SE1/4 SE1/4 sec.30, T.16 N., R.55 W., Kimball County, Hydrologic Unit 10190016, at triple 10'x5' 3 m x 1.5 m) concrete box culvert with 90° wingwalls on Nebraska Highway 71, 10.5 km (6.5 mi) north of Kimball. The gage is 29 km (18 mi) south of the junction of Nebraska Highways 88 and 71.

DRAINAGE AREA.--22.5 km² (8.68 mi²).

PERIOD OF RECORD.--1970 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.57 m (11.7 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, none.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1970	/ /70	≤0.01	(≤.5)	--	--	--	4
1971	/ /71	≤0.01	(≤.5)	--	--	--	4
1972	/ /72	≤0.01	(≤.5)	--	--	--	4
1973	09/08/73	--	--	--	3.64	(11.95)	--
1974	08/22/74	--	--	--	3.62	(11.88)	--
1975	/ /75	≤0.01	(≤.5)	--	--	--	4
1976	05/23/76	--	--	--	3.76	(12.35)	--
1977	/ /77	≤0.01	(≤.5)	--	--	--	4
1978	07/19/78	--	--	--	3.96	(13.00)	--

06763200 LODGEPOLE CREEK TRIBUTARY NEAR SUNOL, NE

LOCATION.--Lat. 41°10'00", long 102°43'25" in SE1/4 SE1/4 sec.20, T.14 N., R.47 W., Cheyenne County, Hydrologic Unit 10190016, at triple 12'x6' (3.7 m x 1.9 m) concrete box culvert with 90° wingwalls on graveled county road, 3.2 km (2 mi) east and 1.0 km (0.6 mi) north of Sunol and 7.2 km (4.5 mi) west and 1.0 km (0.6 mi) north of Lodgepole.

DRAINAGE AREA.--40.4 km² (15.6 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Two sections of College Park-type crest-stage gage. Lowest recording stage is 3.20 m (10.5 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 23.2 m³/s (820 ft³/s) Aug. 15, 1968, gage height, 4.01 m (13.15 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	08/15/68	23.2	(820)	--	4.01	(13.15)	--
1969	/ /69	≤0.01	(≤.5)	--	--	--	4
1970	/ /70	≤0.01	(≤.5)	--	--	--	4
1971	06/12/71	4.53	(160)	--	3.47	(11.39)	--
1972	07/27/72	4.87	(172)	--	3.51	(11.50)	--
1973	/ /73	≤0.01	(≤.5)	--	--	--	4
1974	/ /74	≤0.01	(≤.5)	--	--	--	4
1975	/ /75	≤0.01	(≤.5)	--	--	--	4
1976	/ /76	≤0.01	(≤.5)	--	--	--	4
1977	/ /77	≤0.01	(≤.5)	--	--	--	4
1978	/ /78	≤0.01	(≤.5)	--	--	--	4

06763500 LODGEPOLE CREEK AT RALTON, NE

LOCATION.--Lat. 41°02'00", long 102°24'00" in NE1/4NW1/4 sec.12, T.12 N., R.45 W., Deuel County, Hydrologic Unit 10190016, on right bank 6.1 m (20 ft) downstream from county bridge at Ralton, 5.6 km (3.5 mi) north of Nebraska-Colorado State line.

DRAINAGE AREA.--8,570 km² (3,310 mi²).

PERIOD OF RECORD.--1951 to 1979 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1094.23 m (3,590 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 1.25 m³/s (44.0 ft³/s) Mar. 23, 1931.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129 m³/s (4,560 ft³/s) Aug. 15, 1968, gage height, 1.98 m (6.49 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1931	03/23/31	1.25 (44)	5,7	-- --	--
1951	09/02/51	32.6 (1150)	5	1.74 (5.70)	--
1952	05/19/52	2.52 (89)	5	0.84 (2.75)	2
1953	08/20/53	2.29 (81)	5	.87 (2.85)	2
1954	04/07/54	1.47 (52)	5	.64 (2.09)	2
1955	05/30/55	5.92 (209)	5	1.19 (3.92)	2
1956	04/04/56	1.36 (48)	5	.57 (1.87)	2
1957	05/26/57	2.10 (74)	5	.81 (2.66)	2
1958	07/21/58	4.30 (152)	5	1.09 (3.56)	--
1959	04/03/59	1.95 (69)	5	.79 (2.59)	2
1960	03/09/60	3.96 (140)	2, 5	1.55 (5.10)	1
1961	05/21/61	0.94 (33)	5	.69 (2.27)	2
1962	08/06/62	3.77 (133)	5	1.18 (3.86)	0
1963	04/24/63	1.05 (37)	5	.59 (1.92)	2
1964	07/09/64	1.30 (46)	5	.68 (2.22)	2
1965	06/16/65	31.4 (1110)	5	1.56 (5.13)	--
1966	03/08/66	1.19 (42)	5	.76 (2.48)	2
1967	06/14/67	1.56 (55)	5	.83 (2.72)	2
1968	08/15/68	129 (4560)	5	1.98 (6.49)	--
1969	06/09/69	1.47 (52)	5	.80 (2.64)	2
1970	06/19/70	2.38 (84)	5	.97 (3.17)	2
1971	06/16/71	1.67 (59)	5	.87 (2.87)	2
1972	03/30/72	.71 (25)	5	.59 (1.94)	2
1973	04/08/73	1.10 (39)	5	.73 (2.38)	2
1974	06/09/74	.42 (15)	5	.52 (1.72)	2
1975	04/07/75	.74 (26)	5	.62 (2.04)	--
1976	/ /76	≤0.01 (≤5)	5	-- --	--
1977	04/20/77	.42 (15)	5	.50 (1.63)	--
1978	/ /78	≤0.01 (≤5)	5	-- --	--
1979	/ /79	≤0.01 (≤5)	5	-- --	--

06764880 SOUTH PLATTE RIVER AT ROSCOE NE

LOCATION.--Lat. 41°07'33", long 101°34'35", in NW1/4 SW1/4 sec.4, T.13 N., R.37 W., Keith County, Hydrologic Unit 10190018, on left bank 6.1 m (20 ft) downstream from bridge on highway L-51B connecting Interstate 80 and U.S. Highway 30, 0.8 km (0.5 mi) southeast of Roscoe.

PERIOD OF RECORD.--1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 960.12 m (3,150 ft) above sea level (from topographic map).

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 416 m³/s (14,700 ft³/s) July 2, 1983, gage height, 2.84 m (9.31 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1983	07/02/83	416	(14700)	6	2.84	(9.31)	2
1984	05/21/84	229	(8090)	6	2.46	(8.08)	--
1985	10/09/84	108	(3820)	6	2.00	(6.56)	2
1986	06/15/86	192	(6780)	6	2.51	(8.24)	2
1987	06/01/87	185	(6540)	6	2.28	(7.47)	2
1988	05/24/88	104	(3670)	6	2.12	(6.95)	2
1989	02/25/89	42.5	(1500)	6	2.44	(8.02)	1
1990	04/04/90	41.3	(1460)	6	1.75	(5.75)	2
1991	06/20/91	60.9	(2150)	6	1.89	(6.20)	2
1992	08/31/92	60.3	(2130)	6	1.88	(6.18)	2
1993	01/30/93	46.7	(1650)	6	2.08	(6.82)	1, 2

06765000 SOUTH PLATTE RIVER AT PAXTON, NE

LOCATION.--Lat. 41°07'04", long 101°21'18" in sec.8, T.13 N., R.35 W., Keith County, Hydrologic Unit 10190018, 0.8 km (0.5 mi) south of Paxton on downstream side of county highway bridge.

DRAINAGE AREA.--62,000 km² (24,000 mi²).

PERIOD OF RECORD.--1940 to 1969 (discontinued). Monthly discharge only for periods, published in WSP 1310. Published as "at Ogalla" prior to October 1939.

GAGE.--Water-stage recorder. Datum of gage is 928.22 m (3,045.34 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 957 m³/s (33,800 ft³/s) June 21, 1965, gage height, 3.26 m (10.69 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1940	06/07/40	13.5	(477)	6	1.33	(4.37)	--
1941	06/17/41	9.32	(329)	6	1.30	(4.26)	--
1942	05/07/42	479	(16900)	6	2.85	(9.34)	2
1943	05/31/43	49	(1730)	6	1.53	(5.02)	--
1944	05/16/44	76.5	(2700)	6	1.78	(5.85)	--
1945	08/16/45	38.5	(1360)	6	1.47	(4.83)	--
1946	01/04/46	42.5	(1500)	2, 6	--	--	2
1947	06/29/47	368	(13000)	6	2.70	(8.86)	--
1948	03/17/48	85.2	(3010)	6	1.80	(5.91)	--
1949	06/21/49	467	(16500)	6	2.89	(9.48)	--
1950	10/13/49	13.8	(489)	6	1.09	(3.59)	--
1951	05/21/51	108	(3820)	6	1.60	(5.26)	--
1952	06/03/52	75.3	(2660)	6	1.34	(4.38)	--
1953	06/07/53	4.39	(155)	6	0.52	(1.72)	2
1954	05/16/54	2.49	(88)	6	.40	(1.32)	--
1955	06/18/55	1.44	(51)	6	.31	(1.02)	--
1956	03/29/56	1.59	(56)	6	.34	(1.13)	--
1957	05/22/57	246	(8680)	6	2.16	(7.08)	2
1958	05/23/58	187	(6610)	6	2.04	(6.68)	--
1959	05/31/59	11.9	(420)	6	.77	(2.54)	--
1960	03/20/60	25.7	(906)	6	.99	(3.26)	--
1961	06/12/61	137	(4840)	6	1.84	(6.04)	--
1962	02/10/62	56.4	(1990)	6	1.34	(4.38)	2
1963	02/09/63	24.9	(880)	2, 6	1.12	(3.67)	--
1964	10/03/63	10.2	(360)	6	.93	(3.05)	2
1965	06/21/65	957	(33800)	6	3.26	(10.69)	--
1966	10/04/65	27.8	(982)	6	1.03	(3.38)	2
1967	06/27/67	43.3	(1530)	6	1.79	(5.87)	--
1968	08/18/68	219	(7750)	6	2.36	(7.75)	2
1969	06/26/69	194	(6840)	6	2.04	(6.70)	2

06765500 SOUTH PLATTE RIVER AT NORTH PLATTE, NE

LOCATION.--Lat. 41°07'05", long 100°46'22", in NE1/4 NE1/4 sec.8, T.13 N., R.30 W., Lincoln County, Hydrologic Unit 10190018, on left bank 0.8 km (0.5 mi) downstream from bridge on U.S. Highway 83, 1.1 km (0.7 mi) northwest of intersection of U.S. Highway 83 and Interstate 80 south of North Platte, and 8.9 km (5.5 mi) upstream from confluence with North Platte River.

DRAINAGE AREA.--63,000 km² (24,300 mi²), approximately.

PERIOD OF RECORD.--1897, 1914-15, 1917, 1921 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 849.7 m (2,787.73 ft) above sea level. See WSP 1918 for history of changes prior to Dec. 11, 1956. Dec. 11, 1956, to Mar. 29, 1973, at site 15 m (50 ft) upstream from bridge on U.S. Highway 83, at same datum; Mar. 30, 1973, to Aug. 12, 1981, at current site and datum; and Aug. 13, 1981, to Mar. 16, 1993, at site 15 m (50 ft) downstream from bridge on U.S. Highway 83, at same datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas. South Platte canal diverts around station; diversion began Nov. 13, 1946.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,050 m³/s (37,100 ft³/s) June 3, 1935, gage height, 4.27 m (14.02 ft)

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1897	06/21/97	125	(4427)	6	--	--	--
1914	06/10/14	334	(11800)	6	--	--	--
1915	05/28/15	323	(11400)	6	--	--	--
1917	06/01/17	323	(11400)	6	--	--	--
1921	06/13/21	680	(24000)	6	--	--	--
1922	03/09/22	132	(4660)	6	--	--	--
1923	06/16/23	617	(21800)	6	--	--	--
1924	06/08/24	312	(11000)	6	--	--	--
1925	02/11/25	37.4	(1320)	6	--	--	--
1926	06/21/26	159	(5600)	6	--	--	--
1927	04/20/27	71.9	(2540)	6	--	--	2
1928	06/10/28	119	(4210)	6	3.62	(11.87)	--
1929	04/29/29	47.9	(1690)	6	3.37	(11.07)	2
1930	05/12/30	51.8	(1830)	6	3.36	(11.02)	2
1931	04/04/31	45.3	(1600)	6	3.30	(10.82)	--
1932	03/17/32	28.9	(1020)	6	3.18	(10.42)	--
1933	04/20/33	30.0	(1060)	6	3.21	(10.52)	--
1934	06/22/34	30.0	(1060)	6	3.22	(10.57)	--
1935	06/03/35	1050	(37100)	6	4.27	(14.02)	--
1936	03/04/36	26.7	(942)	1, 6	2.98	(9.77)	2
1937	03/06/37	15.0	(530)	1, 6	3.07	(10.08)	2
1938	09/13/38	141	(4980)	6	3.64	(11.95)	--
1939	03/16/39	211	(7460)	6	3.69	(12.11)	--
1940	02/12/40	20.2	(712)	6	2.95	(9.68)	--

06765500 SOUTH PLATTE RIVER AT NORTH PLATTE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1941	04/04/41	10.9 (384)	6	2.64 (8.66)	2
1942	05/07/42	416 (14700)	6	3.88 (12.72)	2
1943	06/14/43	52.1 (1840)	6	2.77 (9.08)	--
1944	05/17/44	73.6 (2600)	6	2.84 (9.31)	--
1945	08/28/45	35.4 (1250)	6	2.41 (7.91)	2
1946	01/07/46	41.6 (1470)	6	2.50 (8.19)	2
1947	06/30/47	340 (12000)	6	3.58 (11.75)	--
1948	03/18/48	73.1 (2580)	6	2.63 (8.64)	2
1949	06/21/49	459 (16200)	6	3.50 (11.48)	--
1950	04/17/50	16.1 (569)	6	1.99 (6.52)	2
1951	05/22/51	48.1 (1700)	6	2.26 (7.41)	--
1952	06/04/52	63.4 (2240)	6	2.20 (7.21)	--
1953	02/26/53	7.65 (270)	2, 6	-- --	2
1954	05/19/54	6.77 (239)	6	1.07 (3.52)	2
1955	06/28/55	13.3 (471)	6	0.98 (3.20)	2
1956	06/17/56	16.3 (575)	6	1.22 (4.00)	--
1957	05/23/57	244 (8620)	6	2.33 (7.63)	--
1958	06/02/58	181 (6400)	6	2.29 (7.51)	--
1959	06/02/59	15.0 (529)	6	1.31 (4.30)	2
1960	03/23/60	39.1 (1380)	6	1.53 (5.02)	--
1961	06/13/61	135 (4750)	6	1.96 (6.44)	--
1962	02/11/62	48.4 (1710)	6	1.48 (4.87)	2
1963	02/10/63	18.1 (640)	6	1.24 (4.06)	2
1964	10/04/63	9.52 (336)	6	1.09 (3.58)	2
1965	06/22/65	629 (22200)	6	3.18 (10.43)	--
1966	10/04/65	34.8 (1230)	6	1.31 (4.31)	--
1967	07/07/67	43.3 (1530)	6	1.10 (3.60)	--
1968	08/19/68	133 (4680)	6	1.54 (5.05)	--
1969	06/28/69	184 (6490)	6	1.78 (5.83)	--
1970	06/20/70	184 (6510)	6	1.78 (5.83)	--
1971	05/12/71	118 (4160)	6	1.51 (4.94)	--
1972	02/21/72	33.1 (1170)	6	.91 (3.00)	2
1973	05/13/73	592 (20900)	6	3.85 (12.64)	--
1974	01/26/74	51.0 (1800)	6	2.41 (7.92)	2
1975	06/26/75	54.9 (1940)	6	2.43 (7.98)	--
1976	01/21/76	11.0 (387)	6	2.39 (7.85)	2
1977	05/31/77	59.2 (2090)	6	2.53 (8.29)	--
1978	07/20/78	7.76 (274)	6	2.01 (6.60)	2
1979	06/17/79	208 (7330)	6	3.01 (9.86)	--
1980	05/22/80	382 (13500)	6	3.48 (11.43)	--
1981	07/26/81	14.2 (500)	6	2.00 (6.56)	2
1982	07/09/82	14.8 (522)	6	.73 (2.40)	2
1983	06/19/83	422 (14900)	6	2.71 (8.90)	--
1984	05/22/84	206 (7260)	6	2.17 (7.13)	--
1985	10/11/84	101 (3570)	6	1.69 (5.55)	2

06765500 SOUTH PLATTE RIVER AT NORTH PLATTE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	06/16/86	194	(6850)	6	2.01	(6.58)	--
1987	05/28/87	150	(5280)	6	1.84	(6.03)	--
1988	02/23/88	63.2	(2230)	6	1.38	(4.53)	2
1989	03/12/89	45.6	(1610)	6	1.19	(3.89)	--
1990	02/25/90	16.8	(592)	6	0.91	(2.99)	--
1991	06/23/91	39.6	(1400)	6	1.02	(3.34)	--
1992	03/20/92	27.8	(983)	6	.91	(2.98)	--
1993	03/09/93	43.9	(1550)	6	1.14	(3.73)	--

***06766000 PLATTE RIVER AT BRADY, NE (TOTFLO)**

LOCATION.--Lat. 41°01'10", long 100°22'16" (north channel only), on two channels in sec.11 and 23, T.12 N., R.27 W., Lincoln County, Hydrologic Unit 10200101, on downstream side of highway bridges 0.8 km (0.5 mi) and 4.0 km (2.5 mi), respectively, south of Brady and 29 km (18 mi) downstream from confluence of North Platte and South Platte Rivers.

DRAINAGE AREA.--145,600 km² (56,200 mi²), approximately, of which about 133,100 km² (51,400 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1938 to current year. Monthly discharge only for some periods, published in WSP 1301.

GAGE.--Two water-stage recorders. Datum of gage on north channel is 804.43 m (2,639.19 ft) above sea level, and on south channel, 804.87 m (2,640.66 ft) above sea level. No information available on gages operated by State engineer prior to Nov. 18, 1938, to Sept. 30 1942, gage on north channel at datum 0.3 m (1 ft) higher. Nov., 18, 1938, to Oct. 1, 1983, gage on south channel at datum 0.3 m (1 ft) higher.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoir, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas. Tri-county main supply canal capacity, about 56.63 m³/s (2,000 ft³/s), diverts 29 km (18 mi) above station; diversion started Nov. 26, 1940. River flows in two channels for which separate records are computed; figures given herein represent combined discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 666 m³/s (23,500 ft³/s) June 29, 1983.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1938	09/14/38	193	(6800)	6	--	--	--
1939	03/16/39	246	(8670)	6	--	--	--
1940	03/03/40	82.1	(2900)	6	--	--	--
1941	12/03/40	47.6	(1680)	6	--	--	--
1942	05/07/42	436	(15400)	6	--	--	--
1943	06/16/43	67.1	(2370)	6	--	--	--
1944	05/16/44	51.8	(1830)	6	--	--	--
1945	08/22/45	44.5	(1570)	6	--	--	--
1946	07/25/46	34.0	(1200)	6	--	--	--
1947	07/01/47	295	(10400)	6	--	--	--
1948	02/17/48	87.2	(3080)	6	--	--	--
1949	06/22/49	411	(14500)	6	--	--	--
1950	07/22/50	26.0	(917)	6	--	--	--
1951	05/16/51	193	(6830)	6	--	--	--
1952	03/25/52	129	(4540)	6	--	--	--
1953	07/10/53	52.7	(1860)	6	--	--	--
1954	07/23/54	47.0	(1660)	6	--	--	--
1955	07/21/55	43.9	(1550)	6	--	--	--
1956	06/19/56	71.1	(2510)	6	--	--	--
1957	05/24/57	185	(6550)	6	--	--	--
1958	06/04/58	141	(4970)	6	--	--	--
1959	08/05/59	40.5	(1430)	6	--	--	--
1960	03/23/60	73.6	(2600)	6	--	--	--

***06766000 PLATTE RIVER AT BRADY, NE (TOTFLO)--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	08/17/61	87.5 (3090)	6	-- --	--
1962	05/19/62	68.8 (2430)	6	-- --	--
1963	07/12/63	55.2 (1950)	6	-- --	--
1964	07/11/64	58.9 (2080)	6	-- --	--
1965	06/23/65	476 (16800)	6	-- --	--
1966	07/19/66	58.3 (2060)	6	-- --	--
1967	07/09/67	112 (3960)	6	-- --	--
1968	08/20/68	90.6 (3200)	6	-- --	--
1969	06/29/69	186 (6560)	6	-- --	--
1970	06/24/70	226 (7980)	6	-- --	--
1971	06/10/71	360 (12700)	6	-- --	--
1972	05/13/72	88.1 (3110)	6	-- --	--
1973	05/14/73	527 (18600)	6	-- --	--
1974	03/21/74	180 (6350)	6	-- --	--
1975	08/02/75	67.7 (2390)	6	-- --	--
1976	07/13/76	52.7 (1860)	6	-- --	--
1977	07/11/77	80.7 (2850)	6	-- --	--
1978	07/22/78	81.3 (2870)	6	-- --	--
1979	06/25/79	172 (6060)	6	-- --	--
1980	05/23/80	405 (14300)	6	-- --	--
1981	07/27/81	77.9 (2750)	6	-- --	--
1982	07/21/82	54.7 (1930)	6	-- --	--
1983	06/29/83	666 (23500)	6	-- --	--
1984	05/21/84	343 (12100)	6	-- --	--
1985	11/17/84	148 (5210)	6	-- --	--
1986	06/17/86	212 (7500)	6	-- --	--
1987	05/30/87	162 (5720)	6	-- --	--
1988	06/30/88	86.4 (3050)	6	-- --	--
1989	08/01/89	54.4 (1920)	6	-- --	--
1990	07/21/90	64 (2260)	6	-- --	--
1991	07/24/91	49.8 (1760)	6	-- --	--
1992	08/25/92	68.8 (2430)	6	-- --	--
1993	03/08/93	80.1 (2830)	6	-- --	--

***06766500 PLATTE RIVER NR COZAD, NE (TOTFLO)**

LOCATION.--North Channel gage: Lat. 40°50'19", long 99°59'17", in SE1/4 NW1/4 sec.18 T.10 N., R.23 W., Dawson County, Hydrologic Unit 10200101, on left bank 3 m (10 ft) downstream from highway bridge, 2.3 km (1.4 mi) south of Cozad. South Channel gage: Lat. 40°49'58", long 99°59'31", in SWE1/4 SW1/4 sec.18 T.10 N., R.23 W., Dawson County, on left bank 0.3 m (10 ft) downstream from highway bridge, 2.6 km (1.6 mi) south of Cozad.

DRAINAGE AREA.--146,300 km² (56,500 mi²), approximately, of which about 134,000 km² (51,700 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1940 to 1992. (prior to April 1939, irrigation seasons only). Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Two water-stage recorder. Datum of gage on south channel is 753.79 m (2,473.07 ft) above sea level, and on north channel, 754.60 m (2,475.72 ft) above sea level. See WSP 2118 for history of changes prior to May 10, 1966. North channel gage: May 10, 1966 to May 10, 1976, at datum 0.3 m (1.00 ft) higher and May 11, 1976 to June 17, 1977 to Nov. 15, 1988, 9.1m (30 ft) upstream of previous highway bridge, 338.3 m (1,110 ft) downstream of present site, at present datum. South channel gage: May 10, 1966, to July 17, 1980, at downstream side of previous highway bridge 396.2 km (1,300 ft) downstream, at present datum, July 18, 1980 to Nov. 15, 1988, 6.1 m (20 ft) upstream of previous highway bridge, 396.2 km (1,300 ft) downstream of present site, at present datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas. River flows in two channels for which separate records are computed; figures given herein represent combined discharge.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 204 m³/s (7,200 ft³/s) Sept. 15, 1938.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 609 m³/s (21,500 ft³/s) June 29, 1983.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1938	09/15/38	204	(7200)	6, 7	--	--	--
1940	06/09/40	156	(5500)	6	--	--	--
1941	11/22/40	38.8	(1370)	6	--	--	--
1942	05/10/42	470	(16600)	6	--	--	--
1943	06/28/43	119	(4200)	6	--	--	--
1944	05/12/44	56.1	(1980)	6	--	--	--
1945	06/10/45	57.5	(2030)	6	--	--	--
1946	01/11/46	16.3	(577)	6	--	--	--
1947	06/23/47	343	(12100)	6	--	--	--
1948	07/29/48	103	(3640)	6	--	--	--
1949	06/23/49	385	(13600)	6	--	--	--
1950	11/11/49	67.4	(2380)	6	--	--	--
1951	05/17/51	174	(6140)	6	--	--	--
1952	03/26/52	93.5	(3300)	6	--	--	--
1953	01/09/53	22.2	(783)	6	--	--	--
1954	02/01/54	14.9	(525)	6	--	--	--
1955	03/11/55	17.2	(607)	6	--	--	--
1956	06/20/56	52.1	(1840)	6	--	--	--
1957	05/25/57	176	(6230)	6	--	--	--
1958	05/26/58	133	(4710)	6	--	--	--
1959	05/21/59	22.7	(800)	6	--	--	--
1960	03/23/60	103	(3630)	6	--	--	--

***06766500 PLATTE RIVER NR COZAD, NE (TOTFLO)—Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	08/18/61	56.9 (2010)	6	-- --	--
1962	06/08/62	117 (4120)	6	-- --	--
1963	02/05/63	41.1 (1450)	6	-- --	--
1964	04/27/64	28.1 (993)	6	-- --	--
1965	06/24/65	447 (15800)	6	-- --	--
1966	03/01/66	60.9 (2150)	6	-- --	--
1967	07/10/67	101 (3570)	6	-- --	--
1968	08/20/68	43.3 (1530)	6	-- --	--
1969	06/30/69	173 (6120)	6	-- --	--
1970	06/25/70	220 (7780)	6	-- --	--
1971	06/11/71	357 (12600)	6	-- --	--
1972	05/13/72	82.1 (2900)	6	-- --	--
1973	05/29/73	521 (18400)	6	-- --	--
1974	03/20/74	179 (6320)	6	-- --	--
1975	06/22/75	45.6 (1610)	6	-- --	--
1976	06/26/76	17.7 (624)	6	-- --	--
1977	05/21/77	73.3 (2590)	6	-- --	--
1978	03/15/78	41.6 (1470)	6	-- --	--
1979	06/26/79	169 (5970)	6	-- --	--
1980	05/10/80	377 (13300)	6	-- --	--
1981	07/28/81	73.3 (2590)	6	-- --	--
1982	09/17/82	12 (422)	6	-- --	--
1983	06/29/83	609 (21500)	6	-- --	--
1984	06/12/84	337 (11900)	6	-- --	--
1985	12/07/84	180 (6370)	6	-- --	--
1986	06/17/86	180 (6340)	6	-- --	--
1987	05/31/87	156 (5520)	6	-- --	--
1988	06/30/88	86.7 (3060)	6	-- --	--
1989	06/26/89	41.1 (1450)	6	-- --	--
1990	04/30/90	47.3 (1670)	6	-- --	--
1991	05/23/91	129 (4550)	6	-- --	--
1992	08/16/92	92.3 (3260)	6	-- --	--
1993	03/09/93	72.8 (2570)	6	-- --	--

06767000 PLATTE RIVER NEAR LEXINGTON, NEBR.

LOCATION.--Lat. 40°44', long 99°45' in sec. 20, T. 9 N., R. 21 W., Dawson County, Hydrologic Unit 10200101, on highway bridge 4 km (2.5 mi) south of Lexington.

DRAINAGE AREA.--158,800 km² (61,300 mi²).

PERIOD OF RECORD.--1904-06, 1916 to 1924 (discontinued).

GAGE.--Staff gage. Datum of gage is 725.42 m (2,380 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 439 m³/s (15,500 ft³/s) May 17, 1902.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 1010 m³/s (35,600 ft³/s) June 14, 1921.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1902	05/17/02	439	(15500)	5, 7	--	--	--
1904	06/17/04	566	(20000)	5	--	--	--
1905	06/16/05	855	(30200)	5	--	--	--
1906	06/07/06	487	(17200)	5	--	--	--
1916	05/24/16	142	(5000)	6	--	--	--
1917	06/11/17	632	(22300)	6	--	--	--
1918	06/29/18	295	(10400)	6	--	--	--
1920	06/22/20	467	(16500)	6	--	--	--
1921	06/14/21	1010	(35600)	6	--	--	--
1922	03/11/22	323	(11400)	6	--	--	--
1923	06/17/23	459	(16200)	6	--	--	--
1924	06/09/24	541	(19100)	6	--	--	--

06767100 SOUTH FORK PLUM CREEK TRIBUTARY NEAR FARNAM, NE

LOCATION.--Lat. 40°42'06", lat 100°15'72" in SW1/4 sec.35, T.9 N., R.26 W., Lincoln County, Hydrologic Unit 10200101, on State Highway 23 N, 0.3 km (0.2 mi) east of east-west county line dirt road, 3.5 km (2.3 mi) west of main street in Farnam.

DRAINAGE AREA.--25.4 km² (9.81 mi²).

PERIOD OF RECORD.--1951 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 835.15 m (2,740 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft). Prior to June 13, 1958, lowest recording stage was 2.93 m (9.61 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 65.7 m³/s (2,320 ft³/s) June 16, 1962, gage height, 4.82 m (15.81 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	06/08/51	33.1 (1170)	--	4.11 (13.49)	--
1952	08/14/52	18.4 (650)	--	3.95 (12.97)	--
1953	07/12/53	0.03 (1)	--	2.65 (8.70)	--
1954	08/07/54	3.51 (124)	--	3.55 (11.66)	--
1955	08/09/55	2.41 (85)	--	3.42 (11.23)	--
1956	07/05/56	1.76 (62)	--	3.29 (10.80)	--
1957	07/07/57	6.09 (215)	--	3.75 (12.31)	--
1958	04/23/58	3.68 (130)	--	3.57 (11.70)	--
1959	05/26/59	6.09 (215)	--	3.75 (12.31)	--
1960	03/21/60	6.09 (215)	--	3.75 (12.31)	--
1961	05/22/61	3.12 (110)	--	3.49 (11.46)	--
1962	06/16/62	65.7 (2320)	--	4.82 (15.81)	--
1963	06/02/63	9.06 (320)	--	3.86 (12.65)	--
1964	09/01/64	9.35 (330)	--	3.86 (12.68)	--
1965	06/12/65	2.83 (100)	--	3.51 (11.53)	--
1966	08/13/66	14.7 (520)	--	3.94 (12.92)	--
1967	06/21/67	3.96 (140)	--	3.65 (11.98)	--
1968	08/10/68	.28 (10)	2	-- --	4
1969	06/25/69	5.24 (185)	--	3.75 (12.30)	--
1970	06/11/70	11.8 (415)	--	3.90 (12.78)	--

06767200 NORTH FORK PLUM CREEK TRIBUTARY NEAR FARNAM, NE

LOCATION.--Lat. 40°42'18", long 100°14'24" in NW1/4 SW1/4 sec.36, T.9 N., R.26 W., Lincoln County, Hydrologic Unit 10200101, at box culvert on State Highway 23, 0.16 km (0.1 mi) east of north-south dirt road and 2.1 km (1.3 mi) west of main street in Farnum.

DRAINAGE AREA.--4.74 km² (1.83 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Elevation of gage is 834.30 m (2737.19 ft) above sea level. Lowest recording stage, since June 14, 1961, is 3.05 m (10.00 ft). The gage and datum were raised 0.12 m (0.4 ft) on July 5, 1960. The gage was torn off the culvert by road patrols during the winter of 1960-61. The gage was reestablished June 14, 1961 at datum .25 m (0.83 ft) higher than original datum of Apr. 25, 1952. Gage was removed during culvert construction in June and July of 1964 and replaced on new culvert at datum of June 14, 1961 on July 23, 1964. Prior to July 5, 1960, lowest recording stage was 2.80 m (9.17 ft). From July 5, 1960, until June 14, 1961, lowest recording stage was 2.92 m (9.57 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 12.3 m³/s (435 ft³/s) June 16, 1962, gage height, 3.81 m (12.50 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1952	08/14/52	1.47 (52)	--	3.21 (10.54)	--
1953	08/10/53	≤0.01 (≤.5)	--	2.74 (9.00)	--
1954	06/16/54	.198 (7)	--	2.89 (9.48)	--
1955	/ /55	≤0.01 (≤.5)	--	-- --	4
1956	06/17/56	.368 (13)	--	2.92 (9.59)	--
1957	07/07/57	1.27 (45)	--	3.18 (10.42)	--
1958	05/26/58	.538 (19)	--	2.98 (9.78)	--
1959	05/26/59	.623 (22)	--	3.07 (10.08)	--
1960	06/15/60	5.83 (206)	--	3.53 (11.57)	--
1961	05/22/61	.08 (3)	--	3.08 (10.10)	--
1962	06/16/62	12.3 (435)	--	3.81 (12.50)	--
1963	06/04/63	1.70 (60)	--	3.32 (10.90)	--
1964	09/01/64	≤0.01 (≤.5)	--	3.05 (10.00)	--
1965	05/24/65	≤0.01 (≤.5)	--	3.04 (9.98)	4
1966	02/09/66	.28 (10)	2	3.02 (9.90)	4
1967	06/21/67	.37 (13)	--	3.09 (10.14)	--
1968	08/10/68	.14 (5)	2	-- --	4
1969	06/25/69	.57 (20)	--	3.16 (10.36)	--
1970	06/11/70	1.67 (59)	--	3.32 (10.89)	--
1971	06/13/71	.14 (5)	2	3.01 (9.89)	4
1972	06/03/72	.85 (30)	--	3.22 (10.55)	--
1973	05/26/73	1.67 (59)	--	3.32 (10.89)	--
1974	06/09/74	.62 (22)	--	3.18 (10.42)	--
1975	06/21/75	2.83 (100)	--	3.42 (11.23)	--
1976	04/08/76	1.27 (45)	--	3.27 (10.74)	--
1977	05/22/77	2.44 (86)	--	3.39 (11.12)	--
1978	03/11/78	2.27 (80)	--	3.37 (11.07)	--

06767300 PLUM CREEK TRIBUTARY AT FARNAM, NE

LOCATION.--Lat. 40°42'09", long 100°12'53" in S1/2 sec.31, T.9 N., R.25 W., Dawson County, Hydrologic Unit 10200101, on downstream side of bridge on north-south main street in Farnam and 0.3 km (0.2 mi) south of State Highway 23.

DRAINAGE AREA.--51.3 km² (19.8 mi²).

PERIOD OF RECORD.--1951 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 829.06 m (2,720 ft) above sea level. Lowest recording stage is 3.06 m (10.03 ft). Prior to April 17, 1963, lowest recording stage was 2.82 m (9.26 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharges recorded since at least 1925, 122 m³/s (4,300 ft³/s) June 22, 1947 and June 22, 1948, gage height same for both peaks, 5.52 m (18.10 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 88.1 m³/s (3,110 ft³/s) June 16, 1962, gage height, 5.05 m (16.57 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1947	06/22/47	122 (4300)	2, 7	5.52 (18.10)	--
1948	06/22/48	122 (4300)	2, 7	5.52 (18.10)	--
1951	06/08/51	58.6 (2070)	7	4.75 (15.60)	--
1952	08/14/52	9.20 (325)	--	3.76 (12.32)	--
1953	07/12/53	0.06 (2)	--	2.47 (8.11)	--
1954	08/07/54	.71 (25)	--	3.16 (10.36)	--
1955	04/12/55	.11 (4)	--	2.53 (8.30)	--
1956	06/17/56	.28 (10)	--	3.05 (10.01)	--
1957	04/22/57	2.69 (95)	--	3.38 (11.09)	--
1958	02/27/58	.48 (17)	--	3.12 (10.22)	--
1959	05/26/59	3.34 (118)	--	3.42 (11.23)	--
1960	07/11/60	23.0 (811)	--	4.18 (13.71)	--
1961	05/22/61	.08 (3)	2	-- --	4
1962	06/16/62	88.1 (3110)	--	5.05 (16.57)	--
1963	06/02/63	34.0 (1200)	--	4.39 (14.40)	--
1964	09/01/64	7.36 (260)	--	3.67 (12.03)	--
1965	06/12/65	.99 (35)	--	3.21 (10.52)	--
1966	02/09/66	1.08 (38)	--	3.26 (10.70)	--
1967	06/21/67	3.12 (110)	--	3.40 (11.17)	--
1968	08/10/68	.28 (10)	2	-- --	4
1969	06/10/69	5.01 (177)	--	3.53 (11.58)	--
1970	06/11/70	9.63 (340)	--	3.77 (12.38)	--

06767400 NORTH PLUM CREEK NEAR FARNAM, NE

LOCATION.--Lat. 40°43'54", long 100°09'56" in NW1/4 SW1/4 sec.22, T.9 N., R.25 W., Dawson County, Hydrologic Unit 10200101, on State Highway 47, 0.5 km (0.3 mi) north of east-west dirt crossroad, 3.2 km (2.0 mi) north of junction with State Highway 23N and 4.8 km (3.0 mi) northeast of Farnam.

DRAINAGE AREA.--99.2 km² (38.3 mi²).

PERIOD OF RECORD.--1951 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 821.36 m (2,694.76 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 45.3 m³/s (1,600 ft³/s) June 22, 1947, gage height, 5.28 m (17.34 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 45.3 m³/s (1,600 ft³/s) July 11, 1962, gage height, 5.28 m (17.34 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/22/47	45.3	(1600)	2, 7	5.43	(17.80)	--
1951	06/08/51	10.9	(385)	--	4.36	(14.30)	--
1952	08/14/52	0.20	(7.00)	--	2.16	(7.10)	--
1953	07/12/53	.03	(1)	--	1.43	(4.70)	--
1954	06/16/54	2.95	(104)	--	3.28	(10.76)	--
1955	/ /55	≤.01	(≤.5)	--	--	--	4
1956	/ /56	≤.01	(≤.5)	--	--	--	4
1957	04/22/57	3.91	(138)	--	3.44	(11.30)	--
1958	07/18/58	4.50	(159)	--	3.78	(12.39)	--
1959	/ /59	≤.01	(≤.5)	--	--	--	4
1960	07/11/60	24.5	(865)	--	4.94	(16.22)	--
1961	/ /61	.57	(20.0)	2	--	--	4
1962	07/11/62	45.3	(1600)	--	5.29	(17.34)	--
1963	08/19/63	1.70	(60.0)	--	3.12	(10.23)	--
1964	06/06/64	24.6	(870)	--	4.95	(16.25)	--
1965	05/24/65	.57	(20.0)	2	--	--	4
1966	02/09/66	6.15	(217)	--	4.02	(13.19)	--
1967	06/05/67	.57	(20.0)	2	--	--	4
1968	08/10/68	.42	(15.0)	2	--	--	4
1969	06/25/69	5.52	(195)	--	3.93	(12.90)	--
1970	06/11/70	2.07	(73.0)	--	3.24	(10.62)	--

06767410 PLUM CREEK NEAR FARNAM, NE

LOCATION.--Lat. 40°41'13', long 100°08'42' in NE1/4 NW1/4 sec.10, T.8 N., R.25 W., Frontier County, Hydrologic Unit 10200101, at downstream side of truss bridge on est-west dirt road, 0.6 km (0.4 mi) west of State Highway 23, and 6.4 km (4 mi) southeast of Farnum.

DRAINAGE AREA.--208 km² (80.4 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Elevation of gage is 807.72 m (2,650 ft) above sea level. Lowest recording stage is 3.05 m (10.01 ft). Gage datum was raised 0.15 m (0.48 ft) on Apr. 11, 1963. Prior to April 11, 1963, lowest recording stage was 2.90 m (9.52 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 108 m³/s (3,800 ft³/s) June 22, 1947, gage height, 6.74 m (22.10 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 55.8 m³/s (1,970 ft³/s) June 16, 1962, gage height, 5.57 m (18.26 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/22/47	108	(3800)	2, 7	6.74	(22.10)	--
1951	06/08/51	65.4	(2310)	--	5.79	(19.00)	--
1952	08/14/52	1.64	(58)	--	2.98	(9.79)	--
1953	07/12/53	0.08	(3)	--	1.88	(6.18)	--
1954	06/16/54	1.19	(42)	--	2.80	(9.20)	--
1955	07/14/55	.17	(6)	--	2.01	(6.60)	--
1956	07/05/56	1.61	(57)	--	2.97	(9.76)	--
1957	04/22/57	4.81	(170)	--	3.58	(11.74)	--
1958	02/27/58	3.77	(133)	--	3.45	(11.31)	--
1959	05/25/59	1.47	(52)	--	2.92	(9.59)	--
1960	07/11/60	17.8	(630)	--	4.50	(14.78)	--
1961	08/17/61	1.64	(58)	--	3.00	(9.84)	--
1962	06/16/62	55.8	(1970)	--	5.57	(18.26)	--
1963	06/02/63	30.6	(1080)	--	4.91	(16.10)	--
1964	06/06/64	18.4	(650)	--	4.51	(14.80)	--
1965	05/24/65	7.08	(250)	--	3.83	(12.57)	--
1966	/ /66	.71	(25)	2	--	--	4
1967	06/21/67	15.9	(560)	--	4.40	(14.43)	--
1968	08/10/68	.71	(25)	2	--	--	4
1969	06/10/69	28.3	(1000)	--	4.84	(15.89)	--
1970	06/11/70	6.94	(245)	--	3.83	(12.55)	--
1971	06/13/71	.28	(10)	2	--	--	4
1972	06/03/72	.28	(10)	2	--	--	4
1973	07/19/73	3.40	(120)	--	3.36	(11.04)	--
1974	06/09/74	4.81	(170)	--	3.57	(11.72)	--
1975	06/20/75	6.51	(230)	--	3.72	(12.22)	--
1976	04/08/76	28.9	(1020)	--	4.87	(15.97)	--
1977	05/22/77	6.09	(215)	--	3.73	(12.24)	--
1978	03/11/78	18.4	(650)	--	4.42	(14.50)	--

06767500 PLUM CREEK NEAR SMITHFIELD, NE

LOCATION.--Lat. 40°39'40", long 99°42'00" in NW1/4 SW1/4 sec.15, T.8 N., R.21 W., Gosper County, Hydrologic Unit 10200101, at county highway bridge 10.5 km (6.5 mi) northeast of Smithfield.

DRAINAGE AREA.--593 km² (229 mi²).

PERIOD OF RECORD.--1947 to 1978 (discontinued).

GAGE.--Water-stage recorder (1947-53, 1969-75). Crest-stage gage (1955-69, 78). Datum of gage is 726.95 m (2,385 ft) above sea level. Lowest recording stage of crest-stage gage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 79.3 m³/s (2,800 ft³/s) June 23, 1947, gage height, 7.14 m (23.41 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1947	06/23/47	79.3	(2800)	--	7.14	(23.41)	3
1948	06/23/48	63.2	(2230)	--	6.82	(22.38)	3
1949	06/06/49	34.6	(1220)	--	6.07	(19.93)	3
1950	05/30/50	11.4	(404)	--	4.82	(15.80)	3
1951	06/10/51	16.7	(588)	--	5.25	(17.24)	3
1952	05/27/52	2.55	(90)	--	3.54	(11.60)	3
1953	05/10/53	0.51	(18)	--	2.94	(9.65)	3
1954	05/16/54	6.23	(220)	--	4.22	(13.85)	3
1955	06/16/55	5.55	(196)	--	4.10	(13.45)	3
1956	07/05/56	3.29	(116)	--	3.64	(11.93)	--
1957	06/16/57	23.9	(844)	--	5.68	(18.64)	--
1958	02/27/58	7.33	(259)	--	4.37	(14.35)	--
1959	03/26/59	4.96	(175)	--	3.97	(13.01)	--
1960	03/22/60	17.6	(620)	--	5.32	(17.46)	--
1961	08/17/61	13.3	(470)	--	4.98	(16.35)	--
1962	06/07/62	15.9	(562)	--	5.35	(17.55)	--
1963	06/15/63	15.8	(558)	--	5.34	(17.52)	--
1964	04/20/64	4.42	(156)	--	4.03	(13.23)	--
1965	05/24/65	27.9	(985)	--	5.84	(19.15)	--
1966	10/18/65	24.5	(865)	--	5.71	(18.72)	--
1967	06/13/67	37.4	(1320)	--	6.42	(21.06)	--
1968	08/10/68	26.6	(938)	--	6.02	(19.75)	--
1969	09/18/69	32.3	(1140)	--	6.15	(20.19)	--
1970	06/12/70	10.1	(355)	--	4.76	(15.61)	--
1971	03/25/71	.48	(17)	--	3.00	(9.83)	--
1972	06/24/72	6.85	(242)	--	4.35	(14.28)	--
1973	09/01/73	9.40	(332)	--	4.68	(15.36)	--
1974	06/12/74	.42	(15)	--	3.31	(10.85)	--
1975	06/22/75	13.1	(462)	--	5.39	(17.68)	--
1976	04/09/76	4.05	(143)	--	4.36	(14.30)	--
1977	05/22/77	9.15	(323)	--	5.01	(16.43)	--
1978	03/11/78	7.65	(270)	--	4.85	(15.91)	--

06768000 PLATTE RIVER NEAR OVERTON, NE (TOTFLO)

LOCATION.--Lat. 40°40'57", long 99°32'27", in NE1/4 NW1/4 sec.12, T.8 N., R.20 W., Dawson County, Hydrologic Unit 10200101, on left bank 7.6 m (25 ft) from county highway bridge, 6.4 km (4 mi) south of Overton, 6.4 km (4 mi) downstream from Plum Creek and at kilometer 229 (mile 142).

DRAINAGE AREA.--145,800 km² (56,300 mi²), approximately, of which about 133,700 km² (51,620 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1915 to current year. Monthly discharge only for some periods, published in WSP 1310. Published as "near Elm Creek" 1914-15.

GAGE.--Water-stage recorder. Datum of gage is 700.38 m (2,297.83 ft) above sea level. July 1914 to October 1917, nonrecording gages at site 12.9 km (8 mi) downstream at different datum. June 1918 to Sept. 12, 1928, nonrecording gage at present site (south channel only) at datum 1.2 m (4.0 ft) higher, Sept. 13, 1928 to Sept. 30, 1930, nonrecording gage and Oct. 1, 1930 to Sept. 30, 1968, water-stage-recorder, at present site at datum .61 m (2.0 ft) higher, and Feb. 4 to June 2, 1976 (south channel gage discontinued) at datum 0.3 m (1.0 ft) higher. Oct. 1, 1968 to July 10, 1974, north channel gage at present site at datum 0.61 m (2.0 ft) higher and July 11, 1974 to June 1, 1976, at datum 0.3 m (1.0 ft) higher. June 2, 1976 to Aug. 19, 1984, at site 180 m (600 ft) downstream, at datum 0.3 m (1.0 ft) higher. Aug. 20, 1984 to Oct. 6, 1986, at site 180 m (600 ft) downstream.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,060 m³/s (37,600 ft³/s) June 5, 1935, gage height, 2.21 m (7.25 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1915	05/29/15	555 (19600)	6	--	--
1916	05/24/16	147 (5200)	6	--	--
1917	06/02/17	830 (29300)	6	--	--
1919	10/10/18	255 (9000)	6	--	--
1920	05/18/20	609 (21500)	6	--	--
1921	06/14/21	1050 (37000)	6	--	--
1922	05/23/22	266 (9400)	6	--	--
1923	06/17/23	623 (22000)	6	--	--
1926	06/20/26	439 (15500)	6	--	--
1927	04/19/27	362 (12800)	6	--	--
1928	06/12/28	651 (23000)	6	--	--
1929	06/07/29	538 (19000)	6	--	--
1930	05/13/30	282 (9940)	6	1.74 (5.70)	--
1931	04/04/31	300 (10600)	6	1.78 (5.85)	--
1932	03/18/32	173 (6120)	6	1.64 (5.39)	2
1933	04/23/33	239 (8440)	6	1.77 (5.82)	--
1934	02/01/34	148 (5210)	6	1.52 (4.99)	--
1935	06/05/35	1060 (37600)	6	2.21 (7.25)	--
1936	03/05/36	173 (6100)	2, 6	1.54 (5.05)	2
1937	03/20/37	200 (7050)	6	1.47 (4.83)	--
1938	02/28/38	217 (7680)	6	1.55 (5.08)	--
1939	03/18/39	274 (9660)	6	1.69 (5.55)	2
1940	03/02/40	253 (8940)	6	1.55 (5.07)	--
1941	03/16/41	66.0 (2330)	6	1.33 (4.35)	--
1942	05/10/42	430 (15200)	6	1.93 (6.32)	--
1943	04/12/43	109 (3860)	6	1.37 (4.48)	--
1944	05/12/44	115 (4070)	6	1.40 (4.58)	--
1945	06/11/45	157 (5530)	6	1.48 (4.85)	2

06768000 PLATTE RIVER NEAR OVERTON, NE (TOTFLO)--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1946	03/16/46	98.8 (3490)	6	1.37 (4.49)	--
1947	06/23/47	530 (18700)	6	2.14 (7.03)	--
1948	06/23/48	170 (5990)	6	1.51 (4.94)	2
1949	06/24/49	428 (15100)	6	2.01 (6.58)	--
1950	11/14/49	90.9 (3210)	6	1.27 (4.17)	2
1951	05/18/51	214 (7550)	6	1.64 (5.39)	2
1952	03/27/52	162 (5710)	6	1.48 (4.85)	2
1953	01/09/53	131 (4640)	6	1.52 (4.99)	2
1954	11/06/53	83.0 (2930)	6	1.39 (4.55)	2
1955	03/10/55	67.1 (2370)	6	1.33 (4.35)	2
1956	03/31/56	55.8 (1970)	6	1.25 (4.09)	2
1957	05/25/57	213 (7530)	6	1.73 (5.67)	2
1958	05/26/58	164 (5800)	6	1.55 (5.10)	2
1959	03/29/59	83.8 (2960)	6	1.33 (4.37)	2
1960	03/24/60	197 (6950)	6	1.64 (5.37)	2
1961	06/19/61	98.8 (3490)	6	1.40 (4.58)	2
1962	06/09/62	201 (7100)	6	1.62 (5.33)	2
1963	02/15/63	85.5 (3020)	6	1.29 (4.23)	2
1964	04/07/64	66.8 (2360)	6	1.29 (4.22)	2
1965	06/26/65	413 (14600)	6	2.08 (6.81)	--
1966	03/02/66	96.6 (3410)	6	1.32 (4.33)	2
1967	07/08/67	173 (6100)	6	1.49 (4.90)	2
1968	02/22/68	72.2 (2550)	6	1.21 (3.97)	2
1969	06/30/69	206 (7260)	6	1.67 (5.48)	2
1970	06/26/70	245 (8660)	6	1.69 (5.56)	--
1971	06/13/71	445 (15700)	6	1.81 (5.94)	--
1972	05/14/72	135 (4750)	6	1.29 (4.24)	2
1973	05/15/73	541 (19100)	6	2.26 (7.43)	--
1974	03/21/74	249 (8810)	6	1.48 (4.85)	2
1975	06/21/75	156 (5500)	6	1.23 (4.02)	--
1976	04/11/76	81.0 (2860)	6	1.00 (3.28)	2
1977	05/22/77	167 (5890)	6	1.11 (3.64)	2
1978	03/15/78	102 (3600)	6	0.99 (3.24)	2
1979	06/28/79	215 (7580)	6	1.16 (3.79)	--
1980	05/25/80	413 (14600)	6	1.62 (5.33)	--
1981	07/28/81	106 (3730)	6	.91 (2.98)	--
1982	03/09/82	71.4 (2520)	6	.71 (2.34)	2
1983	06/28/83	649 (22900)	6	1.94 (6.38)	2
1984	06/13/84	442 (15600)	6	1.51 (4.96)	--
1985	02/23/85	203 (7160)	6	1.25 (4.10)	2
1986	06/18/86	215 (7590)	6	1.32 (4.32)	2
1987	05/31/87	195 (6890)	6	1.47 (4.82)	--
1988	02/24/88	141 (4990)	6	1.25 (4.10)	2
1989	06/27/89	116 (4090)	6	1.24 (4.07)	2
1990	08/15/90	90.6 (3200)	6	1.15 (3.78)	2
1991	05/24/91	130 (4590)	6	1.36 (4.45)	2
1992	08/28/92	91.5 (3230)	6	1.22 (4.01)	*
1993	03/09/93	140 (4930)	6	1.36 (4.46)	2

06768050 BUFFALO CREEK TRIBUTARY NO. 1 NEAR BUFFALO, NE

LOCATION.--Lat. 41°00'44", long 99°48'48" in SW1/4 NE1/4 sec.15, T.12 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on right downstream corner of bridge east of a rural Lutheran School and Church, 91 m (300 ft) northwest of fork in road and 3.2 km (2 mi) northeast of crossroad at Buffalo.

DRAINAGE AREA.--5.39 km² (2.08 mi²).

PERIOD OF RECORD.--1965 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 789.43 m (2,590 ft) above sea level. Lowest recording stage is 3.08 m (10.1 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 6.88 m³/s (243 ft³/s) June 24, 1968, gage height, 4.26 m (13.99 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1965	06/29/65	6.23	(220)	--	4.20	(13.77)	--
1966	02/08/66	≤0.01	(≤ 5)	2	3.85	(12.64)	1
1967	06/05/67	1.22	(43)	--	3.58	(11.76)	--
1968	06/24/68	6.88	(243)	--	4.26	(13.99)	--
1969	03/20/69	.28	(10)	2	3.60	(11.82)	1
1970	05/24/70	1.84	(65)	--	3.68	(12.08)	--
1971	06/02/71	.62	(22)	--	3.49	(11.45)	--
1972	/ /72	≤0.01	(≤ 5)	--	--	--	4
1973	05/27/73	.06	(2)	--	3.19	(10.48)	--
1974	06/09/74	1.98	(70)	--	3.72	(12.22)	--
1975	06/20/75	.37	(13)	--	3.42	(11.23)	--
1976	07/03/76	.14	(5)	--	3.35	(11.00)	--
1977	05/21/77	.14	(5)	2	--	--	4
1978	/ /78	≤0.01	(≤ 5)	--	--	--	4

06768100 EAST BUFFALO CREEK NEAR BUFFALO, NE

LOCATION.--Lat. 41°00'17", long 99°50'14" in SE1/4 SW1/4 sec.16, T.12 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on timber and steel bridge on gravel road, 30 m (100 ft) south of fork in road and 1.9 km (1.2 mi) north of road intersection at Buffalo.

DRAINAGE AREA.--13.5 km² (5.21 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 784.86 m (2,575.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 5.89 m³/s (208 ft³/s) July 19, 1958, gage height, 4.06 m (13.31 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1951	05/30/51	1.81	(64)	--	3.37	(11.07)	--
1952	08/11/52	0.06	(2)	--	2.35	(7.70)	4
1953	09/02/53	.42	(15)	--	3.03	(9.94)	4
1954	06/16/54	1.39	(49)	--	3.29	(10.78)	--
1955	06/28/55	.14	(5)	--	2.77	(9.09)	4
1956	08/17/56	.14	(5)	--	2.83	(9.30)	4
1957	06/17/57	2.04	(72)	--	3.42	(11.23)	--
1958	07/19/58	5.89	(208)	--	4.06	(13.31)	--
1959	07/17/59	2.01	(71)	--	3.41	(11.20)	--
1960	03/21/60	2.21	(78)	--	3.45	(11.32)	--
1961	05/30/61	1.19	(42)	--	3.24	(10.62)	--
1962	07/16/62	3.82	(135)	--	3.74	(12.26)	--
1963	/ /63	≤.01	(≤.5)	--	--	--	4
1964	06/03/64	1.59	(56)	--	3.32	(10.90)	--
1965	06/29/65	2.01	(71)	--	3.41	(11.20)	--
1966	06/08/66	≤.01	(≤.5)	2	--	--	4
1967	06/07/67	≤.01	(≤.5)	2	2.75	(9.02)	4
1968	06/24/68	2.55	(90)	--	3.52	(11.54)	--
1969	03/20/69	.85	(30)	2	3.44	(11.30)	1
1970	05/24/70	.79	(28)	--	3.14	(10.31)	--
1971	04/20/71	.14	(5)	2	--	--	4
1972	07/20/72	.03	(1)	2	--	--	4
1973	/ /73	≤.01	(≤.5)	--	--	--	4
1974	/ /74	≤.01	(≤.5)	--	--	--	4
1975	06/20/75	1.05	(37)	--	3.21	(10.53)	--
1976	/ /76	≤.01	(≤.5)	--	--	--	4
1977	/ /77	≤.01	(≤.5)	--	--	--	4
1978	/ /78	≤.01	(≤.5)	--	--	--	4

06768200 BUFFALO CREEK AT BUFFALO, NE

LOCATION.--Lat. 40°59'20", long 99°49'52" in NW1/4 NE1/4 sec.28, T.12 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on downstream side of bridge on dirt road 0.3 km (0.2 mi) east of crossroad at Buffalo.

DRAINAGE AREA.--86.8 km² (33.5 mi²), of which 7.5 km² (2.9 mi²) is non-contributing.

PERIOD OF RECORD.--1951 to 1967 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 2.84 m (9.31 ft). Prior to June 20, 1962, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 44.3 m³/s (1,570 ft³/s) July 19, 1958, gage height, 5.57 m (18.26 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/30/51	7.08 (250)	7	4.55 (14.92)	--
1952	08/11/52	0.85 (30)	--	2.68 (8.80)	--
1953	09/02/53	.37 (13)	--	2.83 (9.30)	--
1954	08/18/54	1.87 (66)	--	3.61 (11.83)	--
1955	06/28/55	1.13 (40)	--	3.31 (10.85)	--
1956	08/17/56	2.41 (85)	--	3.76 (12.35)	--
1957	06/16/57	7.65 (270)	--	4.59 (15.05)	--
1958	07/19/58	44.5 (1570)	--	5.57 (18.26)	--
1959	07/07/59	3.26 (115)	--	3.97 (13.04)	--
1960	03/21/60	7.56 (267)	--	4.64 (15.21)	--
1961	05/30/61	1.81 (64)	--	3.57 (11.72)	--
1962	03/24/62	14.2 (500)	--	4.99 (16.38)	1
1963	/ /63	≤.01 (≤.5)	--	-- --	4
1964	06/03/64	1.98 (70)	--	3.34 (10.96)	--
1965	06/29/65	4.11 (145)	--	4.19 (13.76)	--
1966	06/08/66	≤.01 (≤.5)	2	-- --	4
1967	06/15/67	3.77 (133)	--	4.13 (13.54)	--

06768300 BUFFALO CREEK TRIBUTARY NO. 2 NEAR BUFFALO, NE

LOCATION.--Lat. 40°59', long 99°51' on west section line of sec.28, T.12 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on timber bridge on all-weather gravel road, 0.5 km (0.3 mi) south of "T" in road, and 0.80 km (0.5 mi) west of Buffalo.

DRAINAGE AREA.--5 km² (1.93 mi²).

PERIOD OF RECORD.--1951 to 1965 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 777.24 m (2,550 ft) above sea level. Lowest recording stage, since April 15, 1965, is 3.35 m (11.00 ft). Prior to May 23, 1960, lowest recording stage was 2.59 m (8.5 ft). From May 23, 1960, until April 15, 1965, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 4.87 m³/s (172 ft³/s) June 12, 1958, gage height, 3.36 m (11.02 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	05/30/51	1.42	(50)	--	3.03	(9.94)	--
1952	/ /52	≤.01	(≤.5)	--	--	--	4
1953	/ /53	≤.01	(≤.5)	--	--	--	4
1954	/ /54	≤.01	(≤.5)	--	--	--	4
1955	/ /55	≤.01	(≤.5)	--	--	--	4
1956	/ /56	≤.01	(≤.5)	--	--	--	4
1957	06/16/57	3.31	(117)	--	3.24	(10.62)	--
1958	06/12/58	4.87	(172)	--	3.36	(11.02)	--
1959	08/14/59	1.13	(40)	--	2.99	(9.80)	--
1960	09/20/60	4.11	(145)	--	3.30	(10.82)	--
1961	08/11/61	2.86	(101)	--	3.19	(10.48)	--
1962	07/16/62	3.43	(121)	--	3.24	(10.64)	--
1963	/ /63	≤.01	(≤.5)	--	--	--	4
1964	06/03/64	1.02	(36)	2	3.42	(11.23)	--
1965	06/29/65	.14	(5)	4	--	--	4

06768400 WEST BUFFALO CREEK NEAR BUFFALO, NE

LOCATION.--Lat. 40°59'22", long 99°52'21" in NW1/4 NE1/4 sec.30, T.12 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on timber and steel bridge on a dirt road 2.3 km (1.4 mi) west of all-weather road, and 3.2 km (2.0 mi) west of crossroads at Buffalo.

DRAINAGE AREA.--44.3 km² (17.1 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 789.43 m (2,590 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded 13.6 m³/s (479 ft³/s) July 19, 1958, gage height, 4.82 m (15.81 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/30/51	5.24 (185)	--	4.35 (14.27)	--
1952	08/11/52	0.06 (2)	--	2.83 (9.30)	4
1953	09/02/53	.82 (29)	--	3.28 (10.75)	--
1954	08/18/54	1.87 (66)	--	3.66 (12.00)	--
1955	06/17/55	.11 (4)	--	2.90 (9.50)	--
1956	06/22/56	1.16 (41)	--	3.41 (11.18)	--
1957	06/17/57	2.46 (87)	--	3.85 (12.64)	--
1958	07/19/58	13.6 (479)	--	4.82 (15.81)	--
1959	07/07/59	.99 (35)	--	3.35 (11.00)	--
1960	03/21/60	1.53 (54)	--	3.54 (11.60)	--
1961	08/11/61	5.15 (182)	--	4.34 (14.24)	--
1962	03/24/62	1.73 (61)	--	3.61 (11.85)	--
1963	09/20/63	1.87 (66)	--	3.66 (12.00)	--
1964	1 / 64	.96 (34)	--	3.33 (10.92)	--
1965	06/29/65	8.35 (295)	--	4.58 (15.01)	--
1966	08/12/66	.91 (32)	--	3.32 (10.88)	--
1967	07/28/67	3.00 (106)	--	3.89 (12.76)	--
1968	06/24/68	5.15 (182)	--	4.27 (14.02)	--
1969	09/18/69	1.73 (61)	--	3.57 (11.70)	--
1970	05/24/70	1.87 (66)	--	3.61 (11.84)	--
1971	06/02/71	.14 (5)	2	3.20 (10.50)	--
1972	07/20/72	.14 (5)	2	3.20 (10.50)	--
1973	05/27/73	.08 (3)	--	3.17 (10.41)	--
1974	06/09/74	≤.01 (≤.5)	2	-- --	4
1975	06/20/75	1.53 (54)	--	3.56 (11.67)	--
1976	06/23/76	.06 (2)	2	3.52 (11.56)	--
1977	05/21/77	.06 (2)	2	3.52 (11.55)	--
1978	07/22/78	≤.01 (≤.5)	4	-- --	--

06768500 BUFFALO CREEK NEAR DARR, NE

LOCATION.--Lat. 40°54'05", long 99°50'05" in NW1/4 NE1/4 sec.28, T.11 N., R.22 W., Dawson County, Hydrologic Unit 10200101, on left bank 3.7 m (12 ft) downstream from county road bridge and 10.5 km (6.5 mi) northeast of Darr.

DRAINAGE AREA.--163 km² (63 mi²).

PERIOD OF RECORD.--1947 to 1969 (discontinued).

GAGE.--Water-stage gage. Datum of gage is 751.82 m (2,466.7 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 255 m³/s (9,000 ft³/s) June 22, 1947, gage height, 5.61 m (18.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/22/47	255	(9000)	5	5.61	(18.40)	--
1948	06/21/48	40.8	(1440)	5	4.06	(13.33)	--
1949	02/24/49	2.83	(100)	2, 5	2.35	(7.70)	1
1950	07/09/50	4.73	(167)	5	2.41	(7.90)	--
1951	05/31/51	9.74	(344)	5	3.05	(10.02)	--
1952	08/11/52	3.06	(108)	5	1.97	(6.47)	--
1953	09/21/53	1.19	(42)	5	1.68	(5.52)	--
1954	10/08/53	1.81	(64)	5	1.80	(5.90)	2
1955	06/28/55	0.99	(35)	5	1.73	(5.66)	2
1956	10/14/55	.71	(25)	5	1.76	(5.78)	--
1957	06/16/57	16.6	(586)	5	3.67	(12.04)	--
1958	07/19/58	32.0	(1130)	5	3.84	(12.61)	--
1959	07/03/59	6.66	(235)	5	2.70	(8.87)	--
1960	09/21/60	15.2	(538)	5	3.40	(11.16)	--
1961	05/31/61	7.59	(268)	5	2.76	(9.07)	--
1962	03/24/62	22.7	(803)	5	3.66	(12.00)	--
1963	05/28/63	.48	(17)	5	1.16	(3.80)	--
1964	06/04/64	4.93	(174)	5	2.34	(7.69)	--
1965	07/04/65	5.81	(205)	5	2.47	(8.10)	--
1966	02/09/66	9.54	(337)	5	3.17	(10.41)	--
1967	06/15/67	3.09	(109)	5	1.86	(6.09)	--
1968	06/24/68	6.94	(245)	5	2.56	(8.39)	--
1969	03/19/69	3.79	(134)	5	2.05	(6.72)	--

06769000 BUFFALO CREEK NEAR OVERTON, NE

LOCATION.--Lat. 40°44'00", long 99°30'20" in SE1/4 sec.20, T.9 N., R.19 W., Dawson County, Hydrologic Unit 10200101, at bridge on U.S. Highway 30, 2.4 km (1.5 mi) east of Overton and about 16 km (10 mi) upstream from mouth.

DRAINAGE AREA.--453 km² (175 mi²).

PERIOD OF RECORD.--1949 to 1958 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 700.15 m (2,297.08 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 10.8 m³/s (383 ft³/s) July 12, 1958, gage height, 3.19 m (10.47 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1949	09/11/49	6.09 (215)	5	2.10 (6.90)	--
1950	05/31/50	3.51 (124)	5	1.60 (5.25)	--
1951	06/26/51	7.65 (270)	5	2.46 (8.07)	--
1952	08/13/52	5.52 (195)	5	2.02 (6.64)	--
1953	10/08/52	2.55 (90)	5	1.44 (4.72)	--
1954	08/20/54	3.03 (107)	5	1.84 (6.04)	--
1955	07/01/55	0.96 (34)	5	1.10 (3.61)	2
1956	06/22/56	1.22 (43)	5	1.24 (4.08)	--
1957	06/19/57	5.27 (186)	5	2.47 (8.11)	--
1958	07/12/58	10.8 (383)	5	3.19 (10.47)	--

06769100 ELM CREEK TRIBUTARY NEAR OVERTON, NE

LOCATION.--Lat. 40°53'14", long 99°33'48" in SW1/4 SE1/4 sec.26, T.11 N., R.20 W., Dawson County, Hydrologic Unit 10200101, at timber bridge on dirt road, 2.1 km (1.3 mi) west of junction with N-S gravel road. Said junction is 16 km (10 mi) north of Overton and 3.2 km (2 mi) north of road junction near E-1.

DRAINAGE AREA.--1.5 km² (0.58 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 746.76 m (2,450 ft) above sea level. Lowest recording stage, since April 22, 1974, is 3.66 m (12.0 ft). The gage was raised 0.21 m (0.7 ft) from the original datum on Aug. 12, 1964. The gage was again raised 0.3 m (1.0 ft) on Apr. 5, 1967, but graduations on the indicator were changed and the Aug. 12, 1964 datum was maintained. On Apr., 22, 1974 gage was raised 0.30 m (1.00 ft). Prior to Aug. 12, 1964, lowest recording stage was 2.83 m (9.3 ft). From Aug 12, 1964, until April 5, 1967, lowest recording stage was 3.05 m (10.00 ft). From April 5, 1967, until April 22, 1974, lowest recording stage was 3.35 m (11.0 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 4.19 m³/s (148 ft³/s) July 3, 1965, gage height, 4.19 m (13.74 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	04/26/51	3.57 (126)	--	3.44 (11.30)	--
1952	07/14/52	0.62 (22)	--	2.95 (9.67)	--
1953	05/09/53	.96 (34)	--	3.11 (10.20)	--
1954	08/18/54	2.78 (98)	--	3.51 (11.50)	--
1955	09/25/55	1.27 (45)	--	3.49 (11.45)	1
1956	/ /56	≤.01 (≤.5)	--	--	--
1957	06/16/57	3.99 (141)	--	3.86 (12.68)	--
1958	07/10/58	4.02 (142)	--	3.93 (12.89)	--
1959	07/03/59	.57 (20)	--	3.29 (10.78)	--
1960	03/21/60	1.84 (65)	--	3.66 (12.02)	--
1961	08/10/61	2.29 (81)	--	3.80 (12.47)	--
1962	07/16/62	2.29 (81)	--	3.81 (12.50)	--
1963	04/10/63	≤.01 (≤.5)	--	3.25 (10.66)	--
1964	07/08/64	1.64 (58)	--	3.76 (12.33)	--
1965	07/03/65	4.19 (148)	--	4.19 (13.74)	--
1966	06/08/66	.71 (25)	--	3.59 (11.79)	--
1967	06/04/67	2.21 (78)	--	3.95 (12.97)	--
1968	06/24/68	1.84 (65)	--	3.93 (12.89)	--
1969	07/18/69	2.18 (77)	--	4.01 (13.17)	--
1970	06/11/70	2.07 (73)	--	4.04 (13.27)	--
1971	06/30/71	1.16 (41)	--	3.90 (12.80)	--
1972	06/27/72	1.87 (66)	--	4.11 (13.49)	--
1973	07/20/73	1.47 (52)	--	4.08 (13.38)	--
1974	06/12/74	2.92 (103)	--	4.37 (14.33)	--
1975	06/20/75	2.69 (95)	--	4.34 (14.23)	--
1976	06/23/76	.06 (2)	2	4.28 (14.03)	--
1977	08/04/77	.14 (5)	2	4.39 (14.41)	--
1978	05/27/78	.14 (5)	2	4.20 (13.77)	--

06769200 ELM CREEK NEAR SUMNER, NE

LOCATION.--Lat. 40°51'24", long 99°32'21" in NW1/4 NW1/4 sec.7, T.10 N., R.19 W., Dawson County, Hydrologic Unit 10200101, at 3-barrel concrete culvert on gravel road, 0.8 km (0.5 mi) south of junction with east-west gravel road, 13 km (8 mi) north of Overton, 2.3 km (1.4 mi) west and 9.7 km (6 mi) south of Sumner.

DRAINAGE AREA.--38.69 km² (14.94 mi²); 38.25 km² (14.77 mi²) at former site prior to Apr. 15, 1965.

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 731.52 m (2,400 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Feb. 7, 1952, gage site 7.6 m (25 ft) upstream. Due to deterioration of the bridge opening at the original site, it was felt necessary to move gage and on Apr. 15, 1965, gage moved to above site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 47.0 m³/s (1,660 ft³/s) July 3, 1965, gage height 4.50 m (14.76 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	06/22/51	2.49 (88)	--	--	--
1952	07/14/52	0.11 (4)	--	--	--
1953	05/09/53	2.07 (73)	--	--	--
1954	08/18/54	.37 (13)	--	--	--
1955	09/25/55	.14 (5)	--	--	--
1956	08/17/56	.03 (1)	--	--	--
1957	06/16/57	4.11 (145)	--	--	--
1958	07/10/58	7.67 (271)	--	--	--
1959	07/03/59	2.49 (88)	--	--	--
1960	03/21/60	4.11 (145)	--	--	--
1961	08/10/61	3.17 (112)	--	--	--
1962	03/25/62	4.47 (158)	--	--	--
1963	04/10/63	.65 (23)	--	--	--
1964	07/08/64	.62 (22)	--	--	--
1965	07/03/65	47.0 (1660)	--	4.50 (14.76)	--
1966	06/08/66	1.47 (52)	--	3.61 (11.85)	--
1967	06/14/67	14.4 (510)	--	4.27 (14.02)	--
1968	06/24/68	.42 (15)	--	3.44 (11.28)	--
1969	06/22/69	2.27 (80)	--	3.70 (12.14)	2
1970	06/11/70	5.21 (184)	--	3.93 (12.88)	--
1971	06/30/71	.08 (3)	--	3.28 (10.75)	--
1972	06/27/72	2.44 (86)	--	3.72 (12.20)	--
1973	05/27/73	1.05 (37)	--	3.55 (11.65)	--
1974	06/09/74	2.18 (77)	--	4.04 (13.25)	--
1975	06/20/75	1.76 (62)	--	3.99 (13.10)	--
1976	/ /76	≤.01 (≤.5)	--	--	--
1977	04/20/77	.03 (1)	--	4.09 (13.42)	--
1978	07/22/78	.03 (1)	2	3.33 (10.93)	--

06769300 ELM CREEK TRIBUTARY NO. 2 NEAR OVERTON, NE

LOCATION.--Lat. 40°51'02", long 99°32'21" in NW1/4 SW1/4 sec.7, T.10 N., R.19 W., Dawson County, Hydrologic Unit 10200101, at 3-barrel concrete culvert on gravel road 0.8 km (0.5 mi) south of crossroad near E-1. Culvert is 12 km (7.5 mi) north of Overton.

DRAINAGE AREA.--14.6 km² (5.62 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 736.09 m (2,415 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). The summer of 1964, gage torn out and datum not preserved. Gage replaced on Apr. 15, 1964. On June 27, 1978, gage was raised .15 m (0.5 ft), but datum maintained.

EXTREMES OUTSIDE PERIOD OF RECORD.-- Old floodmarks from a flood prior to 1951 were found at a height of 4.04 m (13.25 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 19.2 m³/s (679 ft³/s) July 3, 1965, gage height, 4.46 m (14.63 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	06/22/51	5.10 (180)	--	--	--
1952	07/14/52	4.93 (174)	--	--	--
1953	05/09/53	6.12 (216)	--	--	--
1954	08/18/54	3.46 (122)	--	--	--
1955	06/17/55	0.79 (28)	--	--	--
1956	08/17/56	.06 (2)	--	--	--
1957	06/16/57	6.97 (246)	--	--	--
1958	07/10/58	7.82 (276)	--	--	--
1959	07/03/59	7.70 (272)	--	--	--
1960	07/11/60	4.25 (150)	--	--	--
1961	06/14/61	8.69 (307)	--	--	--
1962	06/07/62	6.97 (246)	--	--	--
1963	04/10/63	1.47 (52)	--	--	--
1964	04/25/64	.48 (17)	--	--	--
1965	07/03/65	19.2 (679)	--	4.46 (14.63)	--
1966	06/08/66	6.91 (244)	--	3.86 (12.66)	--
1967	06/14/67	13.1 (463)	--	4.11 (13.48)	--
1968	06/24/68	.94 (33)	--	3.31 (10.87)	--
1969	10/15/68	4.25 (150)	--	3.56 (11.69)	2
1970	06/11/70	7.99 (282)	--	3.80 (12.48)	--
1971	08/31/71	.82 (29)	--	3.30 (10.82)	--
1972	06/27/72	3.26 (115)	--	3.50 (11.47)	--
1973	05/27/73	5.04 (178)	--	3.62 (11.87)	--
1974	06/09/74	7.65 (270)	--	3.87 (12.69)	--
1975	06/20/75	10.6 (375)	--	3.96 (13.00)	--
1976	06/23/76	2.32 (82)	--	3.43 (11.24)	--
1977	05/21/77	7.08 (250)	--	3.75 (12.30)	--
1978	07/21/78	5.95 (210)	--	3.68 (12.06)	--

06769500 ELM CREEK NEAR OVERTON, NE

LOCATION.--Lat. 40°50'40", long 99°30'20" in NE1/4 NE1/4 sec.17, T.10 N., R.19 W., Dawson County, Hydrologic Unit 10200101, on left bank 76 m (250 ft) downstream from county road bridge, 12 km (7.5 mi) north and 2.82 km (1.75 mi) east of Overton.

DRAINAGE AREA.--80.3 km² (31.0 mi²).

PERIOD OF RECORD.--1947 to 1958 (discontinued).

GAGE.--Water-stage gage. Datum of gage is 728.47 m (2,390 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 227 m³/s (8,000 ft³/s) June 22, 1947, gage height, 5.99 m (19.65 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1947	06/22/47	227 (8000)	--	5.99 (19.65)	--
1948	06/27/48	21.2 (747)	--	4.45 (14.59)	--
1949	07/06/49	11.3 (399)	--	3.16 (10.36)	2
1950	06/18/50	1.50 (53)	--	1.45 (4.77)	--
1951	06/22/51	9.57 (338)	--	2.88 (9.45)	--
1952	07/14/52	1.78 (63)	--	1.55 (5.08)	--
1953	05/10/53	7.25 (256)	--	2.55 (8.37)	--
1954	08/18/54	2.04 (72)	--	1.73 (5.67)	--
1955	06/15/55	0.99 (35)	--	1.37 (4.49)	2
1956	09/23/56	.11 (4)	--	0.77 (2.51)	2
1957	06/16/57	37.4 (1320)	--	4.90 (16.07)	--
1958	07/10/58	127 (4470)	--	5.53 (18.14)	--

***06770000 PLATTE RIVER NEAR ODESSA, NE**

LOCATION.--Lat. 40°39'53", long 99°15'20" in SW1/4 NW1/4 sec.16, T.8 N., R.17 W., Phelps County, Hydrologic Unit 10200101, on right bank 4.6 m (15 ft) downstream from county bridge, 4.0 km (2.5 mi) south of Odessa, 8 km (5 mi) downstream from Elm Creek and at kilometer 203 (mile 126).

DRAINAGE AREA.--150,000 km² (58,100 mi²), approximately, of which about 143,000 km² (55,300 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1937 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 669.06 m (2,195.07 ft) above sea level. Prior to Oct. 7, 1938, nonrecording gage and Oct. 7, 1938 to Sept. 30, 1942, water-stage recorder, both at datum .91 m (3.00 ft) higher and Oct. 1, 1942 to July 23, 1984, water-stage recorder at datum .61 m (2.00 ft) higher, all at present site. July 24, 1984 to Apr. 5, 1988, water-stage recorder at site 460 m (1,500 ft) downstream at present datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoir, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 649 m³/s (22,900 ft³/s) June 29, 1983, gage height, 1.77 m (5.82 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	03/21/37	164	(5800)	6	--	--	--
1938	02/28/38	215	(7600)	2, 6	--	--	--
1939	03/18/39	214	(7540)	6	1.28	(4.20)	2
1940	03/03/40	190	(6700)	6	1.24	(4.06)	2
1941	04/03/41	28.2	(995)	6	0.79	(2.60)	2
1942	05/10/42	496	(17500)	6	1.44	(4.73)	2
1943	04/11/43	132	(4650)	6	1.09	(3.56)	2
1944	04/25/44	143	(5040)	6	1.12	(3.66)	2
1945	06/10/45	182	(6410)	6	1.19	(3.90)	2
1946	03/17/46	89.2	(3150)	6	1.01	(3.33)	2
1947	06/24/47	643	(22700)	6	1.68	(5.52)	2
1948	06/24/48	156	(5500)	6	1.12	(3.67)	2
1949	06/25/49	419	(14800)	6	1.50	(4.93)	--
1950	05/30/50	116	(4100)	6	1.02	(3.34)	2
1951	06/26/51	218	(7690)	6	1.18	(3.88)	2
1952	03/27/52	201	(7110)	6	1.15	(3.77)	2
1953	03/06/53	78.7	(2780)	6	.92	(3.03)	2
1954	11/07/53	75.0	(2650)	6	.95	(3.13)	2
1955	03/22/55	79.0	(2790)	6	1.07	(3.52)	2
1956	03/16/56	47.3	(1670)	6	.87	(2.86)	2
1957	05/26/57	201	(7110)	6	1.23	(4.02)	--
1958	05/28/58	152	(5360)	6	1.11	(3.63)	2
1959	07/04/59	99.7	(3520)	6	.96	(3.15)	2
1960	03/24/60	227	(8020)	6	1.30	(4.25)	2
1961	05/22/61	165	(5830)	6	1.12	(3.69)	2
1962	06/09/62	262	(9250)	6	1.32	(4.32)	--
1963	02/15/63	93.5	(3300)	2, 6	--	--	2
1964	04/07/64	61.2	(2160)	6	.87	(2.87)	2
1965	06/26/65	394	(13900)	6	1.60	(5.25)	--

***06770000 PLATTE RIVER NEAR ODESSA, NE--Continued**

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	10/19/65	138	(4890)	6	1.09	(3.58)	2
1967	06/14/67	396	(14000)	6	1.61	(5.28)	--
1968	02/24/68	79.0	(2790)	6	.94	(3.09)	2
1969	07/01/69	202	(7140)	6	1.22	(4.00)	*
1970	06/26/70	230	(8120)	6	1.28	(4.20)	2
1971	06/13/71	385	(13600)	6	1.47	(4.81)	2
1972	05/16/72	117	(4120)	6	0.96	(3.15)	2
1973	05/31/73	524	(18500)	6	1.65	(5.42)	2
1974	03/22/74	254	(8980)	6	1.23	(4.04)	2
1975	06/23/75	137	(4850)	6	.96	(3.16)	2
1976	02/16/76	67.1	(2370)	6	.75	(2.47)	2
1977	05/23/77	170	(6000)	6	--	--	--
1978	03/17/78	116	(4100)	6	.97	(3.18)	2
1979	06/27/79	201	(7110)	6	1.14	(3.74)	2
1980	05/26/80	408	(14400)	6	1.53	(5.01)	--
1981	07/29/81	109	(3840)	6	.91	(3.00)	2
1982	03/04/82	72.5	(2560)	6	.82	(2.68)	2
1983	06/29/83	649	(22900)	6	1.77	(5.82)	2
1984	06/13/84	453	(16000)	6	1.52	(5.00)	3
1985	12/08/84	183	(6470)	6	1.43	(4.68)	2
1986	06/19/86	192	(6770)	6	1.45	(4.77)	2
1987	06/02/87	152	(5370)	6	1.41	(4.62)	--
1988	07/20/88	125	(4410)	6	1.53	(5.03)	--
1989	06/25/89	169	(5980)	6	1.58	(5.18)	--
1990	05/04/90	84.1	(2970)	6	1.44	(4.74)	2
1991	05/24/91	156	(5510)	6	1.63	(5.34)	--
1992	08/28/92	94.9	(3350)	6	1.49	(4.88)	--
1993	03/10/93	210	(7430)	6	1.79	(5.88)	--

06770200 PLATTE RIVER NEAR KEARNEY, NE

LOCATION.--Lat. 40°39'32", long 99°05'08", in SE1/4 SE1/4 sec.14 T.8 N., R.16 W., Kearney County, Hydrologic Unit 10200101, on right bank near downstream side of bridge on State Highway 44, 3.2 km (2 mi) south of Kearney, and at kilometer 188 (mile 117).

DRAINAGE AREA.--148,300 km² (57,260 mi²), approximately, of which about 136,100 km² (52,540 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1982 to current year.

GAGE.--Water-stage recorder. Datum of gage is 650.48 m (2,134.11 ft) above sea level.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 671 m³/s (23,700 ft³/s) June 29, 1983, gage height, 2.26 m (7.42 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1982	02/21/82	101	(3550)	6	1.21	(3.97)	2
1983	06/29/83	671	(23700)	6	2.26	(7.42)	--
1984	06/13/84	456	(16100)	6	2.02	(6.64)	--
1985	02/22/85	229	(8100)	6	2.00	(6.57)	1, 2
1986	06/19/86	190	(6700)	6	1.48	(4.85)	2
1987	06/01/87	197	(6960)	6	1.51	(4.95)	--
1988	02/24/88	139	(4900)	6	1.37	(4.50)	2
1989	06/26/89	192	(6780)	6	1.56	(5.11)	2
1990	01/10/90	96.3	(3400)	6	1.48	(4.85)	2
1991	05/25/91	142	(5010)	6	1.49	(4.88)	--
1992	08/29/92	78.2	(2760)	6	1.25	(4.11)	2
1993	03/09/93	198	(6990)	6	1.66	(5.43)	2

06770478 PLATTE RIVER (SOUTH CHANNEL) NEAR GRAND ISLAND, NE

LOCATION.--Lat. 40°48'06", long 98°22'42" in SW1/4 SW1/4 sec.29, T.10 N., R.9 W., Hall County, Hydrologic Unit 10200101, on right bank near downstream side of bridge on U.S. Highway 281, 14.5 km (9 mi) south of Grand Island.

PERIOD OF RECORD.--1984 to 1987 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 569.98 m (1,870 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 236 m³/s (8,320 ft³/s) May 19, 1984, gage height, 2.15 m (7.06 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1984	05/19/84	236 (8320)	--	2.15 (7.06)	--
1985	02/28/85	125 (4400)	--	2.06 (6.77)	1, 2
1986	02/25/86	98.3 (3470)	--	1.82 (5.96)	2
1987	03/31/87	159 (5620)	--	1.99 (6.53)	--

06770500 PLATTE RIVER NEAR GRAND ISLAND, NE

LOCATION.--Lat. 40°52'28", long 98°16'54", in SW1/4 SW1/4 sec.31 T.11 N., R.8 W., Merrick County, Hydrologic Unit 10200101, on left bank 6.1 m (20ft) downstream from bridge on U.S. Highway 34, 3.2 km (2 mi) upstream from Burlington Northern Inc. bridge, 8 km (5 mi) southeast of Grand Island, and at kilometer 113 (mile 70.0).

DRAINAGE AREA.--152,300 km² (57,650 mi²), approximately, of which about 137,100 km² (52,940 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1934 to current year.

GAGE.--Water-stage recorder. Datum of gage is 558.36 m (1,831.90 ft) above sea level (Nebraska Department of Highways bench mark). Prior to Oct. 23, 1933, nonrecording gage at bridge 21 m (68 ft) downstream and Oct. 23, 1933, to Aug. 19, 1980, water-stage recorder at site 30 m (98 ft) downstream, all at same datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 850 m³/s (30,000 ft³/s) June 6, 1935, gage height, 1.83 m (5.99 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1934	03/05/34	215 (7580)	6	1.30 (4.27)	--
1935	06/06/35	850 (30000)	6	1.83 (5.99)	--
1936	03/06/36	425 (15000)	2, 6	-- --	2
1937	03/07/37	153 (5390)	6	1.19 (3.92)	--
1938	03/02/38	283 (10000)	2, 6	-- --	2
1939	03/19/39	275 (9720)	6	1.30 (4.28)	2
1940	03/05/40	227 (8000)	2, 6	-- --	2
1941	02/06/41	52.7 (1860)	2, 6	-- --	1
1942	05/06/42	433 (15300)	6	1.51 (4.96)	--
1943	07/05/43	140 (4930)	6	1.14 (3.75)	2
1944	05/13/44	154 (5450)	6	1.17 (3.84)	2
1945	06/11/45	182 (6420)	6	1.22 (3.99)	2
1946	03/17/46	118 (4150)	6	1.11 (3.64)	2
1947	06/23/47	575 (20300)	6	1.73 (5.66)	--
1948	03/19/48	450 (15900)	6	1.67 (5.47)	2
1949	06/26/49	399 (14100)	6	1.49 (4.89)	2
1950	05/09/50	122 (4310)	6	1.10 (3.60)	2
1951	05/19/51	200 (7060)	6	1.26 (4.13)	2
1952	03/27/52	221 (7800)	2, 6	1.33 (4.35)	2
1953	03/06/53	84.1 (2970)	6	1.03 (3.38)	2
1954	02/22/54	97.7 (3450)	6	1.04 (3.40)	2
1955	03/10/55	127 (4500)	2, 6	1.23 (4.02)	2
1956	03/01/56	52.7 (1860)	6	1.29 (4.22)	1
1957	05/27/57	165 (5830)	6	1.24 (4.08)	--
1958	04/03/58	133 (4680)	6	1.10 (3.61)	2
1959	03/26/59	113 (4000)	6	1.05 (3.44)	2
1960	03/27/60	286 (10100)	6	1.57 (5.16)	2
1961	05/23/61	154 (5430)	6	1.21 (3.97)	2
1962	06/11/62	198 (7000)	6	1.24 (4.07)	2
1963	02/18/63	96.3 (3400)	2, 6	-- --	2
1964	04/26/64	95.7 (3380)	6	1.06 (3.47)	2
1965	06/29/65	348 (12300)	6	1.48 (4.84)	2

06770500 PLATTE RIVER NEAR GRAND ISLAND, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	10/01/65	140	(4940)	6	1.09	(3.58)	2
1967	06/14/67	510	(18000)	6	1.68	(5.52)	--
1968	06/25/68	108	(3800)	6	1.02	(3.35)	2
1969	03/20/69	210	(7400)	2, 6	1.51	(4.97)	1
1970	06/28/70	196	(6910)	6	1.06	(3.48)	2
1971	06/14/71	334	(11800)	6	1.39	(4.56)	2
1972	05/06/72	135	(4750)	6	1.03	(3.38)	2
1973	06/01/73	504	(17800)	6	1.63	(5.35)	2
1974	04/14/74	220	(7770)	6	1.19	(3.90)	2
1975	06/23/75	163	(5740)	6	1.12	(3.66)	2
1976	02/12/76	122	(4300)	6	1.01	(3.30)	2
1977	05/24/77	129	(4550)	6	1.05	(3.45)	2
1978	03/17/78	314	(11100)	6	1.66	(5.45)	1
1979	06/29/79	170	(6010)	6	1.10	(3.60)	2
1980	06/04/80	379	(13400)	6	1.47	(4.82)	--
1981	07/31/81	105	(3690)	6	0.94	(3.08)	2
1982	05/25/82	75.0	(2650)	6	0.90	(2.94)	2
1983	06/30/83	677	(23900)	6	1.82	(5.97)	--
1984	06/15/84	453	(16000)	6	1.58	(5.17)	--
1985	02/26/85	255	(9000)	6	1.52	(5.00)	2
1986	02/25/86	211	(7460)	6	1.15	(3.78)	2
1987	04/01/87	226	(7970)	6	1.21	(3.96)	--
1988	02/25/88	172	(6080)	6	1.29	(4.22)	1, 2
1989	06/27/89	193	(6800)	6	1.21	(3.98)	2
1990	05/05/90	81.8	(2890)	6	0.85	(2.79)	2
1991	06/01/91	161	(5690)	6	1.08	(3.53)	2
1992	03/08/92	78.4	(2770)	6	0.84	(2.75)	2
1993	03/12/93	374	(13200)	6	1.45	(4.75)	2

06770600 WOOD RIVER TRIBUTARY NEAR LODI, NE

LOCATION.--Lat. 41°11'58", long 99°50'21" in SE1/4 NE1/4 sec.9, T.14 N., R.22 W., Custer County, Hydrologic Unit 10200102, on downstream end of three-barrel concrete culvert on State Highway 40, 15 m (50 ft) upstream from railroad bridge labeled 57.79, 2.1 km (1.3 mi) southeast of Lodi, and 9.8 km (6.1 mi) northwest of State Highways 40 and 21 at Oconto.

DRAINAGE AREA.--5.23 km² (2.02 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Elevation of gage is 800.40 m (2,626 ft) above sea level (from topographic map). Lowest recording stage is 3.05 m (10.00 ft). Road construction occurred during the summer of 1963 during which time the previous timber bridge was replaced by a new three-barrel concrete culvert. A new gage was established on Dec. 4, 1963. Datum of gage was lowered .45 m (1.46 ft) on Dec. 4, 1963. Prior to Dec. 4, 1963, lowest recording stage was 3.49 m (11.46 ft). A daily stage-rainfall recorder was installed on Apr. 6, 1967.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2.83 m³/s (100 ft³/s) July 26, 1972, gage height, 4.02 m (13.20 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1952	/ /52	≤0.01	(≤.5)	--	--	--	4
1953	05/28/53	.14	(5)	--	3.20	(10.50)	--
1954	06/17/54	.76	(27)	--	3.68	(12.08)	--
1955	/ /55	≤0.01	(≤.5)	--	--	--	4
1956	08/17/56	.76	(27)	--	3.65	(11.96)	--
1957	/ /57	≤0.01	(≤.5)	--	--	--	4
1958	07/19/58	.74	(26)	--	3.62	(11.89)	--
1959	/ /59	≤0.01	(≤.5)	--	--	--	4
1960	03/23/60	.65	(23)	--	3.58	(11.76)	--
1961	/ /61	≤0.01	(≤.5)	--	--	--	4
1962	08/03/62	1.70	(60)	--	3.75	(12.30)	--
1963	/ /63	≤0.01	(≤.5)	--	--	--	--
1964	06/22/64	.23	(8)	--	3.27	(10.74)	--
1965	06/05/65	2.55	(90)	--	3.96	(12.98)	--
1966	02/08/66	.14	(5)	2	3.30	(10.84)	1
1967	07/05/67	.31	(11)	--	3.33	(10.93)	--
1968	06/24/68	1.13	(40)	--	3.59	(11.78)	--
1969	06/25/69	1.27	(45)	--	3.63	(11.91)	--
1970	/ /70	≤0.01	(≤.5)	--	--	--	4
1971	/ /71	≤0.01	(≤.5)	--	--	--	4
1972	07/26/72	2.83	(100)	--	4.02	(13.20)	--
1973	07/20/73	.40	(14)	--	3.35	(10.98)	--
1974	06/09/74	≤0.01	(≤.5)	2	--	--	4
1975	06/08/75	1.02	(36)	--	3.56	(11.67)	--
1976	07/29/76	≤0.01	(≤.5)	2	--	--	4
1977	04/20/77	1.70	(60)	--	3.75	(12.29)	--
1978	07/21/78	.28	(10)	2	3.45	(11.33)	--

06770700 WOOD RIVER NEAR LODI, NE

LOCATION.--Lat. 41°10'15", long 99°48'17" in SW1/4 NE1/4 sec.23, T.14 N., R.22 W., Custer County, Hydrologic Unit 10200102, on downstream end of four-barrel concrete culvert on State Highway 40, 15 m (50 ft) downstream from Union Pacific Railroad bridge labeled 55.13, 1.3 km (0.8 mi) northwest of gage WO-2, 4.3 km (2.7 mi) southeast of gage WO-5, and 5.5 km (3.4 mi) northwest of junction of State Highway 40 and 21 at Oconto., 6.4 km (4 mi) southeast of Lodi and 16 km (10 mi) southeast of Callaway.

DRAINAGE AREA.--33.4 km² (12.9 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Elevation of gage is 790.96 m (2,595 ft) above sea level (from topographic map). Lowest recording stage, since May 23, 1973, is 3.20 m (10.5 ft). New road construction occurred during the summer of 1963. New gage established Dec. 4, 1963. datum of gage lowered 0.30 m (0.97 ft) on Dec. 4, 1963. Gage was raised 0.15 m (0.5 ft) on May 23, 1973, but datum was maintained. Prior to Dec. 4, 1963, lowest recording stage was 3.34 m (10.97 ft). From Dec.4, 1963, until May 23, 1973, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 5.49 m³/s (194 ft³/s) July 22, 1978. gage height, 3.97 m (13.03 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1952	08/13/52	0.03 (1)	--	2.89 (9.47)	4
1953	05/28/53	.34 (12)	--	3.15 (10.33)	--
1954	06/17/54	1.47 (52)	--	3.44 (11.30)	--
1955	06/16/55	5.35 (189)	--	3.84 (12.60)	--
1956	08/17/56	3.43 (121)	--	3.68 (12.07)	--
1957	/ /57	≤.01 (≤ 5)	--	-- --	--
1958	07/19/58	2.12 (75)	--	3.56 (11.68)	--
1959	/ /59	≤.01 (≤ 5)	--	-- --	--
1960	03/23/60	1.64 (58)	--	3.47 (11.40)	--
1961	/ /61	≤.01 (≤ 5)	--	-- --	4
1962	06/07/62	1.67 (59)	--	3.48 (11.43)	--
1963	09/22/63	.57 (20)	2	3.23 (10.61)	--
1964	06/22/64	.54 (19)	--	3.22 (10.58)	--
1965	06/05/65	1.08 (38)	--	3.37 (11.05)	--
1966	06/08/66	.23 (8)	--	3.08 (10.12)	--
1967	07/05/67	.54 (19)	--	3.29 (10.78)	--
1968	06/24/68	.31 (11)	--	3.20 (10.49)	--
1969	05/07/69	.85 (30)	--	3.35 (10.99)	--
1970	05/30/70	0.03 (1)	--	3.24 (10.64)	--
1971	06/30/71	.11 (4)	--	3.34 (10.95)	--
1972	07/26/72	5.18 (183)	--	3.95 (12.95)	--
1973	05/27/73	.08 (3)	--	3.32 (10.88)	--
1974	06/09/74	.94 (33)	--	3.56 (11.69)	--
1975	06/21/75	1.30 (46)	--	3.60 (11.82)	--
1976	07/29/76	.26 (9)	--	3.45 (11.31)	--
1977	05/21/77	2.55 (90)	--	3.73 (12.23)	--
1978	07/22/78	5.49 (194)	--	3.97 (13.03)	--

06770800 WOOD RIVER NEAR OCONTO, NE

LOCATION.--Lat. 41°09'46", long 99°47'38" in SW1/4 SW1/4 sec.24, T.14 N., R.22 W., Custer County, Hydrologic Unit 10200102, on downstream end of four-barrel concrete culvert on State Highway 40, 15 m (50 ft) upstream from Union Pacific Railroad bridge, 0.16 km (0.1 mi) northwest of east-west crossroad, 1.3 km (0.8 mile) southeast of WO-1 and 4.2 km (2.6 mi) northwest of junction of State Highways 40 and 21 at Oconto.

DRAINAGE AREA.--68.4 km² (26.4 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Elevation of gage is 788.82 m (2588 ft) above sea level (from topographic map). Lowest recording stage, since June 11, 1965, is 3.20 m (10.5 ft). New road construction occurred during the summer of 1963. New gage established Dec. 4, 1963. datum lowered 0.27 m (0.87 ft) The gage was raised 0.15 m (0.5 ft) on June 11, 1965, but graduations on the indicator were changed and the Dec. 4, 1963 datum was maintained. Prior to Dec. 4, 1963, lowest recording stage was 3.31 m (10.87 ft). From Dec. 4, 1963, until June 11, 1965, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 17.0 m³/s (600 ft³/s) July 8, 1950, gage height, 4.41 m (14.47 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 22.4 m³/s (790 ft³/s) June 17, 1954, gage height, 4.68 m (15.34 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1950	07/08/50	17.0	(600)	7	4.41	(14.47)	--
1952	08/13/52	0.03	(1)	--	2.86	(9.37)	4
1953	05/28/53	5.27	(186)	--	3.76	(12.32)	--
1954	06/17/54	22.4	(790)	--	4.68	(15.34)	--
1955	06/16/55	15.9	(563)	--	4.36	(14.31)	--
1956	06/17/56	12.0	(422)	--	4.16	(13.64)	--
1957	06/16/57	4.30	(152)	--	3.69	(12.09)	--
1958	07/19/58	18.5	(652)	--	4.49	(14.72)	--
1959	/ /59	≤.01	(≤.5)	--	--	--	4
1960	03/23/60	13.9	(490)	--	4.26	(13.96)	--
1961	05/22/61	.14	(5)	2	--	--	4
1962	06/07/62	9.35	(330)	--	4.01	(13.16)	--
1963	09/22/63	.28	(10)	2	3.23	(10.59)	--
1964	04/27/64	.94	(33)	--	3.51	(11.52)	--
1965	06/05/65	12.6	(444)	--	4.13	(13.55)	--
1966	02/08/66	5.66	(200)	2	3.95	(12.95)	1
1967	06/04/67	.91	(32)	--	3.62	(11.87)	--
1968	06/24/68	.23	(8)	--	3.33	(10.91)	--
1969	05/07/69	5.55	(196)	--	3.93	(12.89)	--
1970	05/30/70	.40	(14)	--	3.42	(11.22)	--
1971	06/30/71	.99	(35)	--	3.64	(11.95)	--
1972	07/26/72	15.0	(530)	--	4.33	(14.21)	--
1973	07/20/73	3.26	(115)	--	3.83	(12.57)	--
1974	06/09/74	2.41	(85)	--	3.79	(12.45)	--
1975	06/21/75	7.22	(255)	--	4.00	(13.13)	--
1976	/ /76	≤.01	(≤.5)	--	--	--	4
1977	05/21/77	16.7	(590)	--	4.40	(14.45)	--
1978	07/22/78	9.35	(330)	--	4.09	(13.42)	--

06770900 WOOD RIVER AT OCONTO, NE

LOCATION.--Lat. 41°08'50", long 99°45'26" in NW corner of sec.32, T.14 N., R.21 W., Custer County, Hydrologic Unit 10200102, on concrete deck bridge on State Highway 21, 1.3 km (0.8 mi) north of junction with State Highway 40, and just north of town of Oconto.

DRAINAGE AREA.--116 km² (44.8 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Elevation of gage is 778.76 m (2555 ft) above sea level (from topographic map). Lowest recording stage is 3.05 m (10.01 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 17.0 m³/s (600 ft³/s) July 8, 1950, gage height, 4.51 m (14.80 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 67.7 m³/s (2,390 ft³/s) July 19, 1958, gage height, 5.66 m (18.58 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/08/50	17.0	(600)	7	4.51	(14.80)	--
1952	03/13/52	3.26	(115)	--	3.24	(10.64)	--
1953	05/28/53	1.95	(69)	--	3.04	(9.96)	--
1954	06/17/54	20.8	(735)	--	4.74	(15.55)	--
1955	06/16/55	15.4	(545)	--	4.41	(14.48)	--
1956	08/17/56	0.99	(35)	2	2.80	(9.20)	--
1957	06/16/57	6.91	(244)	--	3.70	(12.14)	--
1958	07/19/58	67.7	(2390)	2	5.66	(18.58)	--
1959	06/29/59	3.26	(115)	--	3.23	(10.60)	--
1960	03/23/60	13.7	(485)	--	4.31	(14.15)	2
1961	05/22/61	.85	(30)	2	--	--	--
1962	06/07/62	19.8	(700)	--	4.68	(15.35)	--
1963	04/10/63	2.32	(82)	--	3.43	(11.26)	--
1964	06/22/64	1.78	(63)	--	3.29	(10.79)	--
1965	06/05/65	5.66	(200)	--	4.11	(13.48)	--
1966	02/08/66	6.80	(240)	2	4.39	(14.41)	1
1967	06/04/67	.57	(20)	--	2.81	(9.21)	4
1968	06/24/68	≤.01	(≤.5)	--	2.46	(8.06)	4
1969	05/07/69	4.02	(142)	--	3.80	(12.48)	--
1970	06/11/70	.06	(2)	2	--	--	4
1971	06/30/71	2.97	(105)	--	3.84	(12.61)	--
1972	07/26/72	5.41	(191)	--	4.31	(14.13)	--
1973	07/20/73	.14	(5)	2	--	--	4
1974	06/09/74	1.70	(60)	--	3.53	(11.58)	--
1975	06/21/75	3.91	(138)	--	4.04	(13.25)	--
1976	07/29/76	.06	(2)	2	--	--	4
1977	05/21/77	6.23	(220)	--	4.38	(14.37)	--
1978	07/21/78	5.38	(190)	--	4.22	(13.86)	--

06770910 WOOD RIVER NEAR LOMAX, NE

LOCATION.--Lat. 41°03'40", long 99°40'40" in SW1/4 SW1/4 sec.25, T.13 N., R.21 W., Custer County, Hydrologic Unit 10200102, on timber bridge number 7091 on State Road 40, 15 m (50 ft) downstream from railroad bridge labeled 45.10 and 91 m (300 ft) north of road to east, and about 0.8 km (0.5 mi) southeast of crossroads at Lomax.

DRAINAGE AREA.--206 km² (79.6 mi²), of which 202 km² (77.9 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Elevation of gage is 752.86 m (2,470 ft) above sea level (from topographic map). Lowest recording stage is 3.05 m (10.02 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 49.6 m³/s (1,750 ft³/s) Sept. 20, 1960, gage height, 6.35 m (20.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	03/13/52	1.36 (48)	--	2.94 (9.63)	--
1953	09/02/53	3.17 (112)	2	3.38 (11.09)	--
1954	06/17/54	5.66 (200)	--	3.80 (12.46)	--
1955	06/17/55	4.19 (148)	--	3.58 (11.76)	--
1956	08/17/56	0.85 (30)	2	-- --	--
1957	06/16/57	26.5 (937)	--	5.29 (17.34)	--
1958	07/19/58	41.6 (1470)	--	6.00 (19.67)	--
1959	06/29/59	.34 (12)	--	2.44 (8.02)	--
1960	09/20/60	49.6 (1750)	--	6.35 (20.83)	--
1961	05/30/61	20.7 (730)	--	4.99 (16.36)	--
1962	03/24/62	28.0 (990)	2	5.66 (18.58)	1
1963	05/16/63	6.15 (217)	--	3.86 (12.66)	--
1964	04/27/64	3.99 (141)	--	3.54 (11.63)	--
1965	06/06/65	5.24 (185)	--	3.74 (12.27)	--
1966	02/08/66	14.2 (500)	2	4.75 (15.60)	1
1967	06/04/67	4.64 (164)	--	3.66 (12.00)	--
1968	06/24/68	36.0 (1270)	--	5.74 (18.82)	--
1969	05/07/69	2.52 (89)	--	3.26 (10.69)	2
1970	06/11/70	.28 (10)	2	-- --	4
1971	06/30/71	5.01 (177)	--	4.07 (13.36)	--
1972	07/26/72	4.39 (155)	--	3.99 (13.10)	--
1973	07/20/73	.42 (15)	2	-- --	4
1974	07/03/74	5.01 (177)	--	4.01 (13.17)	--
1975	06/21/75	7.08 (250)	--	4.28 (14.03)	--
1976	06/23/76	.03 (1)	2	-- --	4
1977	05/21/77	14.2 (500)	--	4.64 (15.23)	--
1978	07/21/78	6.51 (230)	--	4.24 (13.92)	--

06771000 WOOD RIVER NEAR RIVERDALE, NE

LOCATION.--Lat. 40°47'56", long 99°11'48" in NW1/4 NW1/4 sec.31, T.10 N., R.16 W., Buffalo County, Hydrologic Unit 10200102, near right bank on downstream side of bridge on State Highway 40, and 2.4 km (1.5 mi) northwest of riverdale.

DRAINAGE AREA.--982 km² (379 mi²)

PERIOD OF RECORD.--1947 to 1980 (discontinued).

GAGE.--Stevens A-35 water-stage recorder. Elevation of gage is 659.53 m (2163.80 ft) above sea level, unadjusted.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 368 m³/s (13,000 ft³/s) sometime during 1923, gage height, 5.55 m (18.20 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 566 m³/s (20,000 ft³/s) June 22, 1947, gage height, 6.02 m (19.75 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1923	/ /23	368	(13000)	2, 7	5.55	(18.20)	--
1947	06/22/47	566	(20000)	--	6.02	(19.75)	--
1948	03/17/48	51.5	(1820)	--	3.68	(12.07)	--
1949	06/10/49	34.0	(1200)	--	3.34	(10.97)	--
1950	07/09/50	20.0	(707)	--	2.92	(9.57)	--
1951	06/02/51	8.38	(296)	--	1.98	(6.48)	--
1952	07/14/52	6.09	(215)	--	1.67	(5.49)	2
1953	05/27/53	16.1	(568)	--	2.62	(8.58)	--
1954	06/15/54	11.2	(394)	--	2.17	(7.13)	--
1955	06/17/55	19.8	(700)	--	3.32	(10.88)	--
1956	07/05/56	11.5	(406)	--	2.75	(9.03)	--
1957	06/17/57	23.1	(815)	--	3.34	(10.97)	--
1958	07/20/58	42.5	(1500)	--	3.74	(12.27)	--
1959	07/04/59	8.95	(316)	--	2.55	(8.35)	--
1960	03/25/60	32.0	(1130)	--	3.52	(11.55)	--
1961	08/13/61	9.37	(331)	--	2.40	(7.88)	--
1962	06/19/62	23.9	(845)	--	3.28	(10.76)	--
1963	09/12/63	2.78	(98)	--	1.65	(5.41)	--
1964	04/29/64	3.09	(109)	--	2.12	(6.97)	--
1965	06/29/65	83.8	(2960)	--	4.26	(13.98)	--
1966	02/11/66	23.8	(840)	--	3.28	(10.75)	1
1967	06/14/67	150	(5280)	--	4.74	(15.54)	--
1968	06/25/68	26.9	(950)	--	3.40	(11.15)	--
1969	03/19/69	17.0	(600)	2	3.29	(10.78)	1
1970	06/14/70	6.43	(227)	--	1.88	(6.17)	--
1971	07/07/71	1.87	(66)	--	1.28	(4.21)	--
1972	07/28/72	4.42	(156)	--	1.64	(5.37)	--
1973	07/25/73	2.01	(71)	--	1.35	(4.42)	2
1974	06/16/74	2.21	(78)	--	1.36	(4.45)	--
1975	06/21/75	9.88	(349)	--	2.39	(7.83)	--
1976	07/29/76	1.44	(51)	--	1.22	(4.01)	--
1977	05/26/77	12.7	(450)	--	2.51	(8.25)	--
1978	03/15/78	27.7	(978)	--	3.34	(10.95)	--
1979	07/27/79	13.5	(475)	--	2.56	(8.41)	--
1980	02/23/80	13.5	(478)	--	2.57	(8.43)	--

06771500 WOOD RIVER NEAR GIBBON, NE

LOCATION.--Lat. 40°46'17", long 98°47'51", in NW1/4 sec.9 T.9 N., R.13 W., Buffalo County, Hydrologic Unit 10200102, on right bank 3.0 m (10 ft) downstream from bridge on county road. 4.0 km (2.5 mi) east on Highway 30 from Gibbon, and 1.0 km (0.6 mi) north on the county road.

DRAINAGE AREA.--1,481 km² (572 mi²).

PERIOD OF RECORD.--1949-76. June 1991 to current year (irrigation season only).

GAGE.--Water-stage recorder. Datum of gage is 617.18 m (2,024.88 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 115 m³/s (4,050 ft³/s) June 15, 1967, gage height, 5.12 m (16.79 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1949	06/09/49	45.3	(1600)	--	4.76	(15.63)	--
1950	07/10/50	47.6	(1680)	--	4.80	(15.74)	--
1951	06/27/51	15.1	(534)	--	3.41	(11.20)	--
1952	05/28/52	28.1	(992)	--	4.40	(14.42)	--
1953	05/11/53	21.7	(766)	--	4.10	(13.44)	--
1954	06/18/54	20.0	(707)	--	3.90	(12.81)	--
1955	06/18/55	19.0	(672)	--	3.81	(12.50)	--
1956	07/06/56	16.7	(588)	--	3.68	(12.08)	--
1957	06/17/57	23.3	(821)	--	4.18	(13.73)	--
1958	07/19/58	32.3	(1140)	--	4.63	(15.20)	--
1959	07/05/59	16.7	(590)	--	3.82	(12.54)	--
1960	03/28/60	59.5	(2100)	--	4.92	(16.14)	--
1961	05/23/61	6.80	(240)	--	2.72	(8.92)	--
1962	03/28/62	18.7	(659)	--	3.98	(13.07)	--
1963	02/07/63	5.24	(185)	2	2.83	(9.27)	1
1964	05/02/64	1.93	(68)	--	1.91	(6.25)	--
1965	07/01/65	41.9	(1480)	--	4.95	(16.23)	--
1966	02/13/66	17.0	(600)	2	4.33	(14.20)	1
1967	06/15/67	115	(4050)	--	5.12	(16.79)	--
1968	06/24/68	32.3	(1140)	--	4.89	(16.04)	--
1969	03/20/69	40.2	(1420)	--	4.82	(15.83)	--
1970	06/16/70	4.87	(172)	--	2.64	(8.66)	--
1971	02/28/71	7.93	(280)	2	3.24	(10.63)	1
1972	07/27/72	6.77	(239)	--	3.20	(10.49)	--
1973	09/29/73	2.49	(88)	--	2.17	(7.11)	--
1974	10/11/73	1.64	(58)	--	1.95	(6.40)	--
1975	07/23/75	17.1	(603)	--	4.08	(13.38)	2
1976	06/25/76	1.93	(68)	--	1.91	(6.28)	--

06772000 WOOD RIVER NEAR ALDA, NE

LOCATION.--Lat. 40°51'10", long 98°28'20", in NE1/4 SE1/4 sec.7 T.10 N., R.10 W., Hall County, Hydrologic Unit 10200102, on right bank 1.9 km (1.2 mi) south of Alda, 3.5 km (2.2 mi) upstream from old north channel of the Platte River, and at kilometer 8.11 (mile 26.6).

DRAINAGE AREA.--1,550 km² (599 mi²).

PERIOD OF RECORD.--1954 to current year.

GAGE.--Water-stage recorder. Datum of gage is 578.41 m (1,897.66 ft) above sea level (Bureau of Reclamation bench mark).

REMARKS.--Numerous small pump diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46.2 m³/s (1,630 ft³/s) June 16, 1967, gage height, 3.72 m (12.22 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1954	06/19/54	13.7 (484)	--	2.88 (9.45)	--
1955	06/20/55	14.8 (523)	--	2.91 (9.54)	--
1956	07/08/56	9.94 (351)	--	2.64 (8.67)	--
1957	06/21/57	13.4 (472)	--	2.91 (9.54)	2
1958	07/25/58	21.0 (742)	--	3.30 (10.83)	--
1959	07/06/59	11.0 (390)	--	2.85 (9.34)	--
1960	03/29/60	38.8 (1370)	--	3.34 (10.95)	--
1961	05/24/61	6.17 (218)	--	2.42 (7.94)	--
1962	03/29/62	13.9 (490)	--	2.92 (9.59)	2
1963	06/15/63	8.27 (292)	--	2.61 (8.57)	--
1964	04/26/64	3.26 (115)	--	2.02 (6.62)	--
1965	05/29/65	32.6 (1150)	--	3.30 (10.83)	2
1966	02/14/66	13.3 (470)	2	3.11 (10.19)	1
1967	06/16/67	46.2 (1630)	--	3.72 (12.22)	--
1968	06/26/68	27.4 (968)	--	3.49 (11.45)	--
1969	03/21/69	27.8 (982)	--	3.55 (11.65)	--
1970	10/08/69	4.56 (161)	--	2.17 (7.12)	--
1971	03/02/71	6.74 (238)	--	2.62 (8.60)	--
1972	08/02/72	6.97 (246)	--	2.30 (7.56)	2
1973	01/20/73	5.15 (182)	--	2.22 (7.29)	--
1974	10/01/73	2.46 (87)	--	1.89 (6.20)	--
1975	07/25/75	12.3 (434)	--	2.79 (9.16)	--
1976	06/28/76	1.13 (40)	--	1.53 (5.03)	--
1977	05/11/77	13.5 (476)	--	2.83 (9.30)	--
1978	03/15/78	25.8 (912)	--	3.33 (10.92)	--
1979	03/24/79	9.71 (343)	--	2.62 (8.60)	--
1980	02/27/80	6.06 (214)	9	2.33 (7.63)	--
1981	08/23/81	0.42 (15)	--	1.41 (4.62)	--
1982	06/30/82	8.24 (291)	--	2.47 (8.11)	--
1983	05/20/83	4.08 (144)	--	2.05 (6.71)	--
1984	07/08/84	16.9 (598)	--	3.06 (10.05)	--
1985	09/17/85	16.5 (582)	--	3.12 (10.22)	--

06772000 WOOD RIVER NEAR ALDA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1986	09/09/86	2.75 (97)	--	1.86 (6.11)	--
1987	06/13/87	10.5 (369)	--	2.63 (8.64)	--
1988	02/21/88	2.72 (96)	--	1.86 (6.10)	--
1989	06/28/89	14.5 (512)	--	2.98 (9.78)	--
1990	08/15/90	7.39 (261)	--	2.56 (8.39)	--
1991	06/01/91	15.8 (559)	--	3.05 (10.02)	--
1992	07/13/92	1.22 (43)	--	1.74 (5.71)	--
1993	03/12/93	36.8 (1300)	--	3.60 (11.81)	--

06773000 DRY CREEK AT CAIRO, NE

LOCATION.--Lat. 41°00'10", long 98°36'30" in SW1/4 SW1/4 sec.18, T.12 N., R.11 W., Hall County, Hydrologic Unit 10200103, at north edge of Cairo at bridge on Highway 60 about 13 km (8 mi) upstream from mouth.

DRAINAGE AREA.--57.5 km² (22.2 mi²).

PERIOD OF RECORD.--1949 to 1953 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 590.82 m (1,938.37 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 31.2 m³/s (1,100 ft³/s) June 6, 1949.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1949	06/06/49	31.2 (1100)	--	--	--
1950	05/19/50	10.0 (354)	--	2.06 (6.77)	--
1951	05/31/51	9.63 (340)	--	1.99 (6.53)	--
1952	07/14/52	3.79 (134)	--	1.58 (5.19)	--
1953	05/27/53	16.6 (586)	--	2.33 (7.64)	--

06773500 PRAIRIE CREEK NEAR SILVER CREEK, NE

LOCATION.--Lat. 41°19'15", long 97°41'40" in NW1/4 sec.29, T.16 N., R.3 W., Merrick County, Hydrologic Unit 10200103, at bridge on State Highway 39, 2.4 km (1.5 mi) northwest of Silver Creek and about 18 km (11 mi) upstream from mouth.

DRAINAGE AREA.--1,052 km² (406 mi²).

PERIOD OF RECORD.--1950 to 1953 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 470.92 m (1,545 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30.3 m³/s (1,070 ft³/s) June 3, 1951, gage height, 2.09 m (6.86 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/13/50	25.2 (889)	--	2.02 (6.62)	--
1951	06/03/51	30.3 (1070)	--	2.09 (6.86)	--
1952	04/24/52	10.2 (359)	--	1.52 (4.98)	--

06774000 PLATTE RIVER NEAR DUNCAN, NE

LOCATION.--Lat. 41°22'04", long 97°29'40", in SE1/4 SW1/4 sec.12 T.16 N., R.2 W., Platte County, Hydrologic Unit 10200103, on left bank near northwest corner of county bridge, 2.4 km (1.5 mi) south of Duncan, and 24.6 km (15.3 mi) upstream from Loup River.

DRAINAGE AREA.--153,600 km² (59,300 mi²), approximately, of which about 141,500 km² (54,630 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1896 to 1909 (irrigation seasons only 1895-1900), 1911 (gage heights and discharge measurements only), 1912-15, 1928 to current year. Published as "near Columbus" 1895-1915.

GAGE.--Water-stage recorder. Datum of gage is 450.13 m (1,476.82 ft) above sea level. June 1895 to December 1909, April 1912 to September 1915, and June to October 1928, nonrecording gage at site 11 km (7 mi) downstream at different datums. Oct. 25, 1928, to Feb. 20, 1935, nonrecording gage and Feb. 20, 1935 to Mar. 21, 1984 recording gage both at present site 0.60 m (2.00 ft) higher datum. Mar. 22, 1984, to Mar. 4, 1987, at site 91 m (300 ft) downstream at present datum.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversion for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,250 m³/s (44,100 ft³/s) June 23, 1905.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1896	06/10/96	442 (15600)	--	--	--
1897	06/12/97	691 (24400)	--	--	--
1898	06/02/98	700 (24700)	--	--	--
1899	06/30/99	660 (23300)	--	--	--
1900	05/07/00	827 (29200)	--	--	--
1901	04/17/01	657 (23200)	--	--	--
1902	05/19/02	394 (13900)	--	--	--
1903	06/01/03	538 (19000)	--	--	--
1904	06/17/04	572 (20200)	--	--	--
1905	06/23/05	1250 (44100)	--	--	--
1906	05/03/06	660 (23300)	--	--	--
1907	06/11/07	719 (25400)	--	--	--
1908	06/08/08	969 (34200)	--	--	--
1909	06/13/09	719 (25400)	6	--	--
1911	03/30/11	80.4 (2840)	2, 6, 7	--	--
1913	05/03/13	343 (12100)	6	--	--
1914	06/13/14	569 (20100)	6	--	--
1915	06/21/15	691 (24400)	6	--	--
1928	06/16/28	513 (18100)	6	--	--
1929	03/12/29	541 (19100)	2, 6	--	1
1930	06/05/30	425 (15000)	6	1.43 (4.68)	--
1931	10/14/30	289 (10200)	6	1.25 (4.11)	--
1932	02/27/32	581 (20500)	6	1.65 (5.40)	--
1933	04/25/33	240 (8490)	6	1.23 (4.02)	--
1934	03/05/34	292 (10300)	6	1.20 (3.94)	--
1935	06/07/35	850 (30000)	6	1.91 (6.28)	--

06774000 PLATTE RIVER NEAR DUNCAN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1936	03/05/36	425	(15000)	2, 6	--	--	--
1937	03/06/37	183	(6450)	6	1.09	(3.57)	2
1938	03/03/38	425	(15000)	2, 6	--	--	--
1939	03/20/39	334	(11800)	6	1.24	(4.08)	2
1940	03/06/40	300	(10600)	6	--	--	2
1941	03/13/41	34.3	(1210)	6	0.72	(2.37)	2
1942	05/12/42	453	(16000)	6	1.46	(4.80)	--
1943	03/23/43	173	(6100)	6	1.05	(3.45)	2
1944	04/27/44	201	(7090)	6	1.13	(3.71)	--
1945	06/12/45	190	(6700)	6	1.16	(3.82)	--
1946	03/18/46	125	(4430)	6	1.01	(3.32)	2
1947	06/24/47	674	(23800)	6	1.80	(5.91)	--
1948	03/20/48	396	(14000)	6	1.50	(4.93)	2
1949	06/27/49	368	(13000)	6	1.46	(4.78)	2
1950	03/18/50	133	(4700)	6	1.33	(4.36)	2
1951	06/29/51	222	(7840)	6	1.18	(3.87)	2
1952	03/10/52	283	(10000)	6	1.23	(4.04)	2
1953	03/06/53	178	(6300)	6	1.11	(3.64)	2
1954	02/08/54	112	(3960)	6	1.16	(3.82)	1
1955	03/11/55	172	(6080)	6	1.06	(3.48)	2
1956	03/18/56	111	(3920)	6	.87	(2.85)	2
1957	05/29/57	186	(6580)	6	1.17	(3.83)	--
1958	07/25/58	144	(5090)	6	1.04	(3.40)	2
1959	03/28/59	127	(4470)	6	.99	(3.26)	2
1960	03/28/60	719	(25400)	6	1.94	(6.36)	--
1961	05/25/61	190	(6720)	6	1.12	(3.68)	--
1962	03/24/62	198	(7000)	2, 6	1.44	(4.72)	1
1963	02/19/63	112	(3970)	2, 6	1.20	(3.95)	2
1964	04/27/64	133	(4680)	6	1.00	(3.29)	2
1965	06/30/65	368	(13000)	6	1.46	(4.80)	--
1966	03/04/66	219	(7720)	6	1.22	(3.99)	2
1967	06/15/67	700	(24700)	6	1.94	(6.37)	--
1968	06/26/68	103	(3640)	6	.93	(3.04)	--
1969	03/22/69	368	(13000)	2, 6	1.61	(5.29)	1
1970	07/01/70	155	(5480)	6	1.08	(3.55)	2
1971	06/15/71	323	(11400)	2, 6	--	--	2
1972	02/29/72	221	(7800)	2, 6	1.24	(4.08)	2
1973	05/28/73	479	(16900)	6	1.69	(5.53)	--
1974	02/13/74	238	(8400)	2, 6	1.28	(4.20)	2
1975	06/24/75	182	(6440)	6	1.05	(3.46)	--
1976	02/14/76	126	(4440)	6	.94	(3.09)	2
1977	05/27/77	138	(4860)	6	.95	(3.12)	2
1978	03/20/78	558	(19700)	6	1.66	(5.45)	--
1979	03/19/79	273	(9640)	6	1.28	(4.19)	2
1980	06/05/80	439	(15500)	6	1.57	(5.14)	--

06774000 PLATTE RIVER NEAR DUNCAN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/01/81	110	(3890)	6	0.88	(2.88)	2
1982	05/26/82	209	(7390)	6	1.13	(3.72)	2
1983	06/18/83	685	(24200)	6	1.82	(5.96)	2
1984	05/20/84	541	(19100)	6	2.14	(7.03)	2
1985	03/01/85	309	(10900)	6	1.84	(6.05)	1, 2
1986	02/27/86	326	(11500)	6	1.87	(6.13)	--
1987	03/24/87	447	(15800)	6	2.07	(6.78)	--
1988	02/24/88	232	(8200)	6	1.93	(6.33)	1, 2
1989	03/12/89	238	(8400)	6	1.88	(6.18)	1
1990	02/23/90	122	(4300)	6	1.48	(4.87)	2
1991	06/02/91	240	(8480)	6	1.76	(5.76)	--
1992	03/10/92	112	(3950)	6	1.47	(4.83)	--
1993	03/11/93	510	(18000)	2, 6	2.40	(7.86)	1

06775000 MIDDLE LOUP RIVER NEAR SENECA, NE

LOCATION.--Lat. 42°02'40", long 100°56'10" in SW1/4 sec.17, T.24 N., R.31 W., Hooker County, Hydrologic Unit 10210001, on right bank, 0.4 km (0.25 mi) north of Kelso Siding on Chicago, Burlington, and Quincy Railroad, and 8 km (5 mi) west of Seneca.

DRAINAGE AREA.--2952 km² (1,140 mi²).

PERIOD OF RECORD.--1948 to 1953 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 931.63 m (3,056.52 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12.9 m³/s (457 ft³/s) Aug. 8, 1950, gage height, 0.64 m (2.09 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	08/12/48	8.69 (307)	--	0.53 (1.75)	--
1949	03/26/49	9.29 (328)	--	.49 (1.62)	2
1950	08/08/50	12.9 (457)	--	.64 (2.09)	--
1951	09/05/51	10.1 (358)	--	.67 (2.20)	--
1952	04/01/52	10.9 (384)	--	.68 (2.24)	--
1953	03/13/53	10.6 (373)	--	.64 (2.09)	2

06775500 MIDDLE LOUP RIVER AT DUNNING, NE

LOCATION.--Lat. 41°49'50", long 100°06'20", in NW1/4 SE1/4 sec.33 T.22 N., R.24 W., Blaine County, Hydrologic Unit 10210001, on left bank near upstream end of bridge on State Highway 2 at north edge of Dunning, 1.6 km (1.0 mi) upstream from Dismal River, and at kilometer 328 (mile 204).

DRAINAGE AREA.--4,740 km² (1,830 mi²), approximately, of which about 205 km² (79 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 793.74 m (2,604.14 ft) above sea level. Prior to Sept. 16, 1946, nonrecording gage, and Sept. 12, 1946 to Sept. 30, 1962, water-stage recorder at site .32 km (0.2 mi) upstream at datum .924 m (3.03 ft) higher. Oct. 1, 1962 to May 15, 1989 at present site and May 15, 1989 to Mar. 20, 1990 at site .32 km (0.2 mi) upstream, both at datum .914 m (3.00 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 61.2 m³/s (2,160 ft³/s) Mar. 8, 1989, gage height, 1.08 m (3.55 ft), result of bridge collapsing and releasing ice jam 0.3 km (0.2 mi) upstream.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	03/16/46	16.2	(571)	--	--	--	2
1947	10/04/46	23.3	(821)	--	--	--	2
1948	03/14/48	15.8	(557)	--	--	--	2
1949	03/31/49	18.7	(660)	2	--	--	1
1950	08/10/50	15.3	(540)	--	--	--	2
1951	09/05/51	17.8	(630)	--	--	--	2
1952	05/26/52	17.7	(626)	--	--	--	2
1953	03/14/53	18.0	(637)	--	--	--	2
1954	04/29/54	18.2	(642)	--	--	--	2
1955	03/10/55	20.4	(720)	--	--	--	2
1956	03/16/56	16.7	(589)	--	--	--	2
1957	05/14/57	21.0	(742)	--	--	--	2
1958	09/13/58	23.5	(830)	--	--	--	2
1959	03/14/59	17.6	(621)	--	--	--	2
1960	03/18/60	19.0	(670)	2	--	--	2
1961	08/18/61	20.5	(725)	--	--	--	2
1962	07/14/62	26.4	(932)	--	--	--	2
1963	02/02/63	24.1	(850)	2	--	--	2
1964	05/03/64	22.7	(803)	--	0.72	(2.37)	2
1965	06/30/65	20.7	(730)	--	.70	(2.31)	2
1966	03/08/66	24.4	(860)	2	--	--	2
1967	06/15/67	18.5	(652)	--	.66	(2.16)	2
1968	05/07/68	22.8	(806)	--	.68	(2.24)	2
1969	03/24/69	22.2	(785)	--	.63	(2.08)	2
1970	04/22/70	20.8	(736)	--	.64	(2.11)	2
1971	04/20/71	28.9	(1020)	--	.76	(2.50)	2
1972	07/28/72	23.4	(827)	--	.69	(2.28)	2
1973	05/27/73	21.4	(757)	--	.67	(2.21)	2
1974	06/09/74	21.2	(750)	--	.66	(2.16)	2
1975	03/30/75	22.6	(799)	--	.64	(2.09)	2

06775500 MIDDLE LOUP RIVER AT DUNNING, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	08/16/76	20.3	(718)	--	.63	(2.06)	2
1977	06/17/77	26.8	(946)	--	.73	(2.39)	2
1978	07/21/78	28.3	(1000)	--	.75	(2.46)	2
1979	04/12/79	18.0	(637)	--	.57	(1.86)	2
1980	04/11/80	21.6	(764)	--	.61	(2.00)	2
1981	05/18/81	19.2	(679)	--	0.59	(1.95)	2
1982	05/24/82	17.5	(619)	--	.57	(1.87)	2
1983	05/12/83	25.0	(883)	--	.65	(2.13)	2
1984	04/12/84	19.4	(686)	--	.57	(1.87)	2
1985	05/11/85	25.3	(892)	--	.65	(2.12)	2
1986	04/04/86	19.4	(686)	--	.61	(2.00)	2
1987	09/15/87	28.6	(1010)	--	.70	(2.30)	--
1988	08/13/88	22.5	(793)	--	.61	(1.99)	2
1989	03/08/89	61.2	(2160)	9	1.08	(3.55)	1
1990	03/13/90	18.2	(642)	--	.67	(2.19)	2
1991	05/17/91	24.9	(879)	--	1.29	(4.23)	2
1992	08/05/92	18.0	(636)	--	1.19	(3.90)	--
1993	07/20/93	20.0	(707)	--	1.21	(3.96)	2

06775700 NORTH FORK DISMAL RIVER NEAR MULLEN, NE

LOCATION.--Lat. 41°51'08", long 101°02'14" in SE1/4 NE1/4 sec.29, T.22 N., R.32 W., Hooker County, Hydrologic Unit 10210002, at upstream end of culvert under Nebraska Highway 97, 21 km (13 mi) south of Mullen and 37 km (23 mi) north of Tryon. The gage is about 150 m (500 ft) upstream from the junction with the South Fork Dismal River.

DRAINAGE AREA.--1,735 km² (670 mi²), approximately, of which about 57 km² (22 mi²) contributes directly to surface runoff. Note: South Fork Dismal River at the mouth drains approximately 451 km² (174 mi²) of which 15.5 km² (6 mi²) contributes directly to surface runoff. The above drainage areas were obtained by deducting areas from those determined for the gaging station, Dismal River near Thedford.

PERIOD OF RECORD.--1971 to 1978. (discontinued)

GAGE.--One College Park-type crest-stage gage, and one Columbus-type crest-stage gage. Lowest recording stage is 4.57 m (15.0 ft). A digital recorder with a 5-minute punch interval was installed on left upstream bank on May 16, 1974.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 5.38 m³/s (190 ft³/s) May 7, 1977, gage height, 5.37 m (17.62 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1971	08/30/71	3.68 (130)	--	5.00 (16.41)	--
1972	04/27/72	2.58 (91)	--	4.76 (15.63)	--
1973	09/28/73	3.12 (110)	--	4.82 (15.81)	--
1974	06/09/74	3.85 (136)	--	5.00 (16.42)	--
1975	08/05/75	2.75 (97)	--	4.75 (15.58)	--
1976	08/12/76	3.29 (116)	--	4.86 (15.93)	--
1977	05/07/77	5.38 (190)	--	5.37 (17.62)	--
1978	07/21/78	2.46 (87)	--	4.74 (15.55)	--

06775900 DISMAL RIVER NEAR THEDFORD, NE

LOCATION.--Lat. 41°46'45", long 100°31'30", in SE1/4 NW1/4 sec.23 T.21 N., R.28 W., Thomas County, Hydrologic Unit 10210002, on right bank 430 m (1,400 ft) downstream from bridge on U.S. Highway 83, 3.2 km (2 mi) upstream from boundary of Nebraska National Forest (Bessey Division), 22.5 km (14 mi) south of Thedford, and at kilometer 52.9 (mile 32.9).

DRAINAGE AREA.--2,500 km² (966 mi²), approximately, of which about 78 km² (30 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1967 to current year.

GAGE.--Water-stage recorder. Datum of gage is 853.48 m (2,800.13 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 32.9 m³/s (1,160 ft³/s) Aug. 23, 1983, gage height, 1.17 m (3.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1967	07/28/67	9.49 (335)	--	0.83 (2.73)	--
1968	05/06/68	8.21 (290)	--	.71 (2.32)	--
1969	01/02/69	7.53 (266)	--	.62 (2.02)	2
1970	06/12/70	6.97 (246)	--	.63 (2.08)	--
1971	04/19/71	8.86 (313)	--	.75 (2.47)	--
1972	07/28/72	8.55 (302)	--	.72 (2.37)	--
1973	03/26/73	8.18 (289)	--	.65 (2.14)	2
1974	05/21/74	7.02 (248)	--	.62 (2.02)	--
1975	07/31/75	8.44 (298)	--	.68 (2.23)	--
1976	07/13/76	8.61 (304)	--	.67 (2.19)	--
1977	05/07/77	9.09 (321)	--	.69 (2.27)	--
1978	07/21/78	8.13 (287)	--	.65 (2.14)	--
1979	07/28/79	7.59 (268)	2	.02 (0.06)	--
1980	06/16/80	8.81 (311)	--	.71 (2.33)	2
1981	08/24/81	7.65 (270)	--	.61 (2.01)	--
1982	05/13/82	8.07 (285)	--	.60 (1.96)	--
1983	08/23/83	32.9 (1160)	--	1.17 (3.83)	--
1984	07/11/84	11.5 (407)	--	.65 (2.14)	2
1985	07/29/85	8.86 (313)	--	.58 (1.91)	--
1986	04/04/86	9.83 (347)	--	.55 (1.82)	--
1987	05/04/87	10.4 (368)	--	.59 (1.94)	--
1988	07/18/88	30.9 (1090)	--	1.37 (4.50)	--
1989	07/30/89	11.2 (395)	--	.61 (2.01)	--
1990	08/12/90	8.47 (299)	--	.52 (1.72)	--
1991	08/08/91	9.15 (323)	--	.52 (1.72)	--
1992	07/02/92	11.7 (413)	--	.63 (2.06)	--
1993	07/08/93	9.32 (329)	--	.55 (1.80)	--

06776500 DISMAL RIVER AT DUNNING, NE

LOCATION.--Lat. 41°49'23", long 100°06'05", in sec. 4 T.21 N., R.24 W., Blaine County, Hydrologic Unit 10210002, on right bank 30 m (100 ft) downstream from bridge on State Highway 2 at southeast corner of Dunning and 3.1 km (1.9 mi) upstream from mouth.

DRAINAGE AREA.--5,300 km² (2,040 mi²), approximately, of which about 117 km² (45 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year.

REVISED RECORDS.--WSP 2118: drainage area.

GAGE.--Water-stage recorder. Datum of gage is 794.40 m (2,606.3 ft) above sea level. Mar. 1 to June 30, 1932, nonrecording gage at site 0.32 km (0.2 mi) upstream at datum 0.15 m (0.5 ft) lower. Sept. 13, 1945 to Apr. 19, 1956, nonrecording gage on bridge 30 m (100 ft) upstream at present datum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 21.0 m³/s (741 ft³/s) June 11, 1932.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36.5 m³/s (1,290 ft³/s) June 13, 1983, gage height, 0.73 m (2.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1932	06/11/32	21.0	(741)	7	--	--	--
1946	02/04/46	17.0	(600)	2	1.14	(3.75)	1
1947	10/05/46	16.2	(572)	--	0.88	(2.90)	2
1948	07/18/48	11.7	(412)	--	.76	(2.50)	2
1949	04/09/49	13.9	(492)	--	.76	(2.50)	2
1950	10/10/49	19.9	(703)	--	1.02	(3.36)	2
1951	05/14/51	16.1	(568)	--	.88	(2.90)	2
1952	05/26/52	28.2	(996)	--	.97	(3.18)	2
1953	01/20/53	15.6	(550)	--	1.15	(3.76)	2
1954	02/01/54	13.6	(480)	2	1.09	(3.57)	2
1955	03/04/55	14.2	(500)	2	.76	(2.50)	2
1956	02/11/56	13.0	(460)	2	.73	(2.40)	2
1957	05/14/57	16.1	(568)	--	.76	(2.49)	2
1958	09/14/58	18.0	(635)	--	.75	(2.46)	2
1959	07/16/59	13.0	(460)	--	.66	(2.16)	2
1960	01/31/60	13.5	(475)	2	.61	(2.00)	*
1961	08/17/61	13.2	(466)	--	.67	(2.20)	2
1962	07/14/62	18.4	(650)	--	.71	(2.34)	2
1963	02/06/63	15.6	(550)	2	--	--	2
1964	05/02/64	15.4	(545)	--	.69	(2.26)	2
1965	12/23/64	14.7	(520)	2	.69	(2.26)	2
1966	07/28/66	14.3	(504)	--	.64	(2.10)	2
1967	01/22/67	12.8	(453)	--	.54	(1.78)	2
1968	04/20/68	13.3	(469)	--	.52	(1.70)	2
1969	02/12/69	13.5	(478)	--	.43	(1.42)	2
1970	01/25/70	15.0	(528)	--	.54	(1.78)	2
1971	04/20/71	14.6	(514)	--	.58	(1.89)	2
1972	10/18/71	12.3	(435)	--	.45	(1.46)	2
1973	05/27/73	14.0	(494)	--	.49	(1.61)	2
1974	06/09/74	13.3	(470)	--	.48	(1.57)	2
1975	06/26/75	12.0	(422)	--	.43	(1.42)	2

06776500 DISMAL RIVER AT DUNNING, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	07/03/76	20.2	(714)	--	0.67	(2.21)	2
1977	08/25/77	33.1	(1170)	--	.63	(2.06)	2
1978	10/01/77	17.2	(606)	--	.41	(1.34)	2
1979	06/27/79	16.2	(571)	--	.43	(1.42)	2
1980	08/10/80	16.2	(571)	--	.39	(1.27)	2
1981	05/18/81	17.8	(627)	--	.40	(1.31)	2
1982	08/24/82	18.0	(634)	--	.39	(1.27)	2
1983	06/13/83	36.5	(1290)	--	.73	(2.40)	2
1984	04/22/84	12.7	(448)	--	.31	(1.03)	2
1985	05/11/85	16.4	(579)	--	.39	(1.28)	2
1986	04/04/86	15.7	(554)	--	.39	(1.29)	2
1987	09/15/87	23.8	(841)	--	.53	(1.74)	--
1988	07/19/88	26.3	(928)	--	.57	(1.88)	--
1989	06/26/89	14.4	(510)	--	.34	(1.13)	2
1990	04/25/90	19.5	(690)	--	.45	(1.48)	2
1991	05/16/91	17.8	(630)	--	.42	(1.37)	2
1992	07/01/92	15.1	(534)	--	.36	(1.18)	--
1993	07/20/93	19.9	(701)	--	.46	(1.50)	2

06777000 MIDDLE LOUP RIVER NEAR MILBURN, NE

LOCATION.--Lat. 41°49'02", long 99°58'15" in NE1/4 SW1/4 sec.3, T.21 N., R.23 W., Blaine County, Hydrologic Unit 10210003, on right bank at upstream side of Laughran bridge, 9.7 km (6 mi) downstream from Dismal River, 14.5 km (9 mi) upstream from Rifle Creek, and 24 km (15 mi) northwest of Milburn.

DRAINAGE AREA.--9,560 km² (3,690 mi²).

PERIOD OF RECORD.--1952-56, 1958, 1960-64 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 779.07 m (2,556.00 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 69.1 m³/s (2,440 ft³/s) May 26, 1952.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	05/26/52	69.1	(2440)	--	--	--	2
1953	01/21/53	50.7	(1790)	--	--	--	2
1954	02/05/54	44.7	(1580)	--	--	--	2
1955	03/27/55	43.6	(1540)	--	--	--	2
1956	12/12/55	29.7	(1050)	--	1.13	(3.72)	2
1958	09/14/58	52.4	(1850)	7	0.79	(2.59)	2
1961	03/08/61	34.0	(1200)	--	.66	(2.18)	2
1962	07/14/62	45.0	(1590)	--	.78	(2.55)	2
1963	08/31/63	34.0	(1200)	--	.66	(2.17)	2
1964	05/03/64	46.2	(1630)	--	.75	(2.45)	2

06777500 MIDDLE LOUP RIVER AT WALWORTH, NE

LOCATION.--Lat. 41°39'20", long 99°34'00" in NW1/4 sec.1, T.19 N., R.20 W., Custer County, Hydrologic Unit 10210003, on left bank 12 m (40 ft) downstream from highway bridge, .40 km (0.25 mi) northeast of Walworth, and 3.2 km (2.0 mi) upstream from Lillian Creek.

DRAINAGE AREA.--11,200 km² (4,340 mi²), approximately, of which about 1,110 km² (430 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to 1960 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 724.68 m (2,377.56 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 84.7 m³/s (2,990 ft³/s) Oct. 5, 1946, gage height, 1.00 m (3.29 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1941	03/01/41	51.0 (1800)	2, 5	1.27 (4.16)	2
1942	03/04/42	66.3 (2340)	5	1.02 (3.36)	2
1943	03/20/43	50.4 (1780)	5	0.98 (3.20)	2
1944	03/07/44	51.0 (1800)	2, 5	1.51 (4.95)	2
1945	05/27/45	55.5 (1960)	5	.95 (3.12)	2
1946	02/22/46	57.8 (2040)	5	.98 (3.23)	2
1947	10/05/46	84.7 (2990)	5	1.00 (3.29)	2
1948	02/17/48	51.0 (1800)	2, 5	1.53 (5.03)	2
1949	04/01/49	60.3 (2130)	2, 5	.93 (3.06)	2
1950	03/16/50	45.3 (1600)	2, 5	1.07 (3.50)	2
1951	05/15/51	83.0 (2930)	5	.80 (2.63)	2
1952	05/27/52	47.3 (1670)	5	.85 (2.78)	2
1953	02/26/53	42.2 (1490)	5	1.19 (3.90)	2
1954	02/05/54	45.6 (1610)	5	1.19 (3.90)	2
1955	03/28/55	49.3 (1740)	5	1.07 (3.50)	2
1956	03/02/56	37.9 (1340)	2, 5	1.39 (4.55)	2
1957	05/14/57	46.2 (1630)	6	.72 (2.37)	2
1958	09/14/58	67.7 (2390)	6	.86 (2.82)	2
1959	03/14/59	40.2 (1420)	6	.65 (2.12)	2
1960	03/25/60	76.5 (2700)	2, 6	-- --	2

06777600 LILLIAN CREEK TRIBUTARY NEAR BROKEN BOW, NE

LOCATION.--Lat. 41°30'12", long 99°39'31" in SE1/4 NE1/4 sec.30, T.18 N., R.20 W., Custer County, Hydrologic Unit 10210003, at wood bridge on north-south gravel road, 30 m (100 ft) north of dirt road to east with mail boxes labeled Harold Hubbard and Vesa Brown, and 12 km (7.5 mi) north of State Highway 2 in Broken Bow.

DRAINAGE AREA.--5.23 km² (2.02 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 792.48 m (2,600 ft) above sea level. Lowest recording stage is 3.20 m (10.5 ft). Prior to April 16, 1965, lowest recording stage was 3.05 m (10.00 ft). Apr. 29, 1965, gage raised to get it out of the mud, indicator rod changed and datum maintained.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 0.57 m³/s (20.0 ft³/s) June 6, 1962 and Aug. 11, 1978, gage heights, 3.81 m (12.51 ft) and 3.76 m (12.35 ft), respectively.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1952	/ /52	≤0.01 (≤.5)	--	-- --	4
1953	06/07/53	.06 (2)	--	3.15 (10.35)	--
1954	06/20/54	.06 (2)	--	3.11 (10.20)	--
1955	05/17/55	.06 (2)	--	3.15 (10.34)	--
1956	06/16/56	.14 (5)	--	3.29 (10.81)	--
1957	05/13/57	.08 (3)	--	3.18 (10.42)	--
1958	04/05/58	.17 (6)	--	3.31 (10.86)	--
1959	/ /59	≤0.01 (≤.5)	--	-- --	4
1960	07/04/60	.23 (8)	--	3.44 (11.27)	--
1961	08/12/61	.11 (4)	--	3.25 (10.67)	--
1962	06/06/62	.57 (20)	2	3.81 (12.51)	--
1963	07/16/63	.14 (5)	--	3.29 (10.78)	--
1964	/ /64	.14 (5)	--	3.27 (10.72)	--
1965	07/26/65	.14 (5)	--	3.27 (10.74)	--
1966	06/08/66	.11 (4)	--	3.26 (10.69)	--
1967	/ /67	≤0.01 (≤.5)	--	-- --	4
1968	/ /68	≤0.01 (≤.5)	--	-- --	4
1969	07/07/69	.34 (12)	--	3.57 (11.70)	--
1970	06/11/70	≤0.01 (≤.5)	2	-- --	4
1971	06/10/71	.20 (7)	--	3.36 (11.04)	--
1972	07/10/72	.06 (2)	2	-- --	4
1973	05/27/73	.37 (13)	--	3.62 (11.87)	--
1974	06/09/74	.03 (1)	2	-- --	4
1975	07/21/75	.06 (2)	--	3.14 (10.29)	--
1976	05/12/76	.06 (2)	--	3.14 (10.31)	--
1977	08/16/77	.06 (2)	2	-- --	4
1978	08/11/78	.57 (20)	2	3.76 (12.35)	--

06777700 LILLIAN CREEK NEAR BROKEN BOW, NE

LOCATION.--Lat. 41°30'36", long 99°39'26" in NE1/4 NE1/4 sec.30, T.18 N., R.20 W., Custer County, Hydrologic Unit 10210003, at wooden bridge on north-south gravel road from Broken Bow to Lillian, near approach road to east, 0.8 km (0.5 mi) north of L-2 gage, and 13 km (8 mi) north of State Highway 2 in Broken Bow.

DRAINAGE AREA.--12.4 km² (4.77 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 790.96 m (2,595.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Gage raised 0.21 m (0.7 ft) on Aug. 12, 1964. Prior to Aug. 12, 1964, lowest recording stage was 2.83 m (9.3 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 26.3 m³/s (930 ft³/s) June 22, 1947, gage height, 3.44 m (11.50 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 22.7 m³/s (800 ft³/s) July 20, 1972.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1947	06/22/47	26.3	(930)	7	3.51	(11.50)	--
1951	07/21/51	0.368	(13)	--	2.81	(9.21)	4
1952	/ /52	≤.01	(≤.5)	--	--	--	4
1953	08/10/53	.03	(1)	2	2.83	(9.30)	--
1954	06/16/54	1.02	(36)	--	2.94	(9.65)	--
1955	05/17/55	1.50	(53)	2	2.98	(9.78)	--
1956	06/17/56	12.7	(447)	--	3.26	(10.69)	--
1957	09/13/57	1.50	(53)	--	2.98	(9.78)	--
1958	05/25/58	4.59	(162)	--	3.07	(10.08)	--
1959	07/16/59	.82	(29)	--	2.91	(9.56)	--
1960	03/21/60	1.13	(40)	--	2.96	(9.70)	--
1961	08/12/61	6.43	(227)	--	3.12	(10.23)	--
1962	06/06/62	17.2	(607)	--	3.35	(10.98)	--
1963	07/29/63	4.11	(145)	--	3.06	(10.04)	--
1964	06/22/64	6.57	(232)	--	3.12	(10.24)	--
1965	07/26/65	8.21	(290)	--	3.16	(10.37)	--
1966	02/08/66	1.42	(50)	2	3.27	(10.74)	1
1967	/ /67	≤.01	(≤.5)	2	--	--	4
1968	06/24/68	8.35	(295)	--	3.16	(10.38)	--
1969	07/16/69	22.1	(780)	--	3.43	(11.26)	--
1970	06/11/70	≤.01	(≤.5)	2	--	--	4
1971	06/10/71	20.4	(720)	--	3.40	(11.17)	--
1972	07/20/72	22.7	(800)	--	3.44	(11.30)	--
1973	05/27/73	20.2	(712)	--	3.40	(11.16)	--
1974	06/09/74	.03	(1)	2	3.01	(9.89)	4
1975	07/21/75	6.68	(236)	--	3.12	(10.25)	--
1976	07/03/76	.14	(5)	2	3.03	(9.95)	4
1977	07/10/77	.28	(10)	2	3.15	(10.34)	--
1978	08/11/78	.71	(25)	2	3.58	(11.76)	--

06777800 LILLIAN CREEK TRIBUTARY NEAR WALWORTH, NE

LOCATION.--Lat. 41°37'33", long 99°34'13" in SE1/4 SW1/4 sec.12, T.19 N., R.20 W., Custer County, Hydrologic Unit 10210003, on east-west dirt road, 3.2 km (2 mi) south and 0.8 km (0.5 mi) east of Walworth.

DRAINAGE AREA.--5.28 km² (2.04 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 734.26 m (2,409 ft) above sea level. Lowest recording stage is 3.36 m (11.02 ft). A slope area measurement had been made at this site for the flood of Aug. 12, 1951. On April 9, 1964, was removed for repair, and replaced on May 10, 1964 to same datum. June 6, 1967, two head gages and one tail gage installed near the culvert, datum lowered 2.4 m (0.8 ft). Datum raised again, 2.4 m (0.8 ft), on June 23, 1969.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 16.6 ft³/s (585 ft³/s) Aug. 12, 1951.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 15.6 m³/s (550 ft³/s) Mar. 24, 1962.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	08/12/51	16.6 (585)	--	--	--
1952	/ /52	≤.01 (≤.5)	--	--	4
1953	06/07/53	.03 (1)	--	--	4
1954	06/17/54	≤.01 (≤.5)	--	--	4
1955	06/23/55	.06 (2)	2	--	4
1956	05/29/56	1.93 (68)	--	--	--
1957	/ /57	≤.01 (≤.5)	--	--	4
1958	05/25/58	.40 (14)	--	--	--
1959	/ /59	≤.01 (≤.5)	--	--	4
1960	03/21/60	7.22 (255)	--	--	--
1961	05/30/61	1.73 (61)	--	--	--
1962	03/24/62	15.6 (550)	--	--	--
1963	07/29/63	.14 (5)	2	--	4
1964	04/25/64	.71 (25)	--	--	--
1965	07/26/65	.14 (5)	2	--	4
1966	07/27/66	4.47 (158)	--	--	--
1967	/ /67	≤.01 (≤.5)	--	--	4
1968	/ /68	≤.01 (≤.5)	--	--	4
1969	07/07/69	1.19 (42)	--	3.79 (12.45)	--
1970	07/13/70	1.16 (41)	--	3.79 (12.44)	--
1971	06/10/71	.14 (5)	--	3.29 (10.79)	--
1972	09/06/72	.54 (19)	--	3.55 (11.65)	--
1973	05/27/73	≤.01 (≤.5)	2	--	4
1974	06/09/74	≤.01 (≤.5)	2	--	4
1975	06/21/75	≤.01 (≤.5)	2	--	4
1976	07/03/76	.14 (5)	2	--	4
1977	05/21/77	.14 (5)	2	--	4
1978	08/11/78	.03 (1)	2	3.47 (11.37)	--

06778000 MIDDLE LOUP RIVER AT SARGENT, NE

LOCATION.--Lat. 41°37'36", long 99°22'15" in NE1/4 SE1/4 sec.10, T.19 N., R.18 W., Custer County, Hydrologic Unit 10210003, 85.3 m (280 ft) downstream from county highway bridge, 1.1 km (0.7 mi) south of Sargent, and 1.9 km (1.2 mi) downstream from Sand Creek.

DRAINAGE AREA.--11,600 km² (4,480 mi²), of which about 1,230 km² (475 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1937-38, 1953 to 1970 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 699.52 m (2,295 ft) above sea level. Prior to Dec. 31, 1938, nonrecording gage on highway bridge, 85.3 m (280 ft) upstream at same datum. Oct.1, 1952, to Sept. 30, 1963, water-stage recorder at site 1.3 km (0.8 mi) upstream at different datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 96.3 m³/s (3,200 ft³/s) June 6, 1962.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	03/24/37	36.2	(1280)	5	--	--	--
1938	04/27/38	64.6	(2280)	5	--	--	--
1953	02/26/53	44.2	(1560)	5	--	--	2
1954	02/06/54	47.0	(1660)	5	--	--	2
1955	03/28/55	56.6	(2000)	5	--	--	2
1956	03/04/56	41.9	(1480)	2, 5	--	--	2
1957	05/13/57	48.7	(1720)	5	--	--	2
1958	09/14/58	54.4	(1920)	5	--	--	2
1959	03/12/59	42.5	(1500)	5	--	--	2
1960	03/26/60	96.3	(3400)	2, 5	--	--	2
1961	02/24/61	51.0	(1800)	2, 5	--	--	1
1962	06/06/62	90.6	(3200)	5	--	--	2
1963	06/16/63	47.9	(1690)	5	--	--	2
1964	05/03/64	71.9	(2540)	5	--	--	--
1965	08/21/65	59.5	(2100)	2, 5	2.09	(6.85)	1
1966	03/10/66	55.2	(1950)	2, 5	1.70	(5.58)	2
1967	02/28/67	41.1	(1450)	2, 5	1.59	(5.23)	2
1968	04/20/68	55.8	(1970)	5	1.55	(5.09)	2
1969	03/19/69	43.3	(1530)	5	1.72	(5.65)	2
1970	11/10/69	40.2	(1420)	5	1.45	(4.75)	2

06779000 MIDDLE LOUP RIVER AT ARCADIA, NE

LOCATION.--Lat. 41°25'20", long 99°08'10", in sec.26 T.17 N., R.16 W., Valley County, Hydrologic Unit 10210003, at right downstream end of bridge on State Highway 70 at southwest edge of Arcadia and at kilometer 217 (mile 135).

DRAINAGE AREA.--13,050 km² (5,040 mi²), approximately, of which about 2,120 km² (820 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is 659.68 m (2,164.30 ft) above sea level. (levels by Bureau of Reclamation). Prior to Apr. 23, 1938, nonrecording gage at bridge at datum .375 m (1.23 ft) lower. Apr. 24, 1938 to July 24, 1991, water-stage recorder on left bank 24 m (80 ft) downstream from bridge, at present datum.

REMARKS.--Middle Loup Public Power and Irrigation District began diversion above station Mar. 30, 1938. Farwell Irrigation District canal began diversion from river in November 1962 at point 13 km (8 mi) above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 524 m³/s (18,500 ft³/s) June 22, 1947, gage height, 1.90 m (6.24 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1938	05/12/38	116	(4110)	5	0.98	(3.20)	--
1939	06/25/39	187	(6600)	5	1.41	(4.63)	2
1940	06/06/40	101	(3550)	5	1.10	(3.61)	2
1941	09/22/41	74.2	(2620)	5	.88	(2.90)	2
1942	09/02/42	111	(3930)	5	1.29	(4.23)	--
1943	06/14/43	74.5	(2630)	5	1.02	(3.35)	--
1944	05/14/44	87.5	(3090)	5	1.03	(3.37)	2
1945	05/27/45	275	(9700)	5	1.56	(5.12)	-
1946	06/18/46	73.3	(2590)	5	1.21	(3.98)	2
1947	06/22/47	524	(18500)	2, 5	1.90	(6.24)	--
1948	02/18/48	56.6	(2000)	5	1.29	(4.22)	1
1949	04/01/49	97.4	(3440)	5	1.19	(3.92)	2
1950	05/19/50	88.4	(3120)	2, 5	1.26	(4.15)	2
1951	08/13/51	132	(4660)	5	1.21	(3.98)	2
1952	05/27/52	72.8	(2570)	5	1.01	(3.32)	2
1953	06/07/53	53.5	(1890)	5	1.01	(3.30)	2
1954	02/06/54	53.2	(1880)	2, 5	1.37	(4.50)	2
1955	06/23/55	69.1	(2440)	5	.98	(3.23)	2
1956	05/29/56	60.6	(2140)	5	1.01	(3.33)	2
1957	05/14/57	128	(4520)	5	1.21	(3.97)	2
1958	02/25/58	65.1	(2300)	2, 5	--	--	2
1959	03/01/59	45.3	(1600)	5	1.27	(4.16)	2
1960	03/27/60	142	(5000)	2, 5	1.95	(6.41)	1
1961	02/21/61	56.6	(2000)	2, 5	1.49	(4.88)	1
1962	06/07/62	202	(7140)	5	1.44	(4.71)	2
1963	12/17/62	55.2	(1950)	2, 5	.91	(2.99)	2
1964	04/27/64	57.2	(2020)	5	.81	(2.65)	2
1965	11/23/64	59.8	(2110)	5	.90	(2.94)	2
1966	03/12/66	65.1	(2300)	5	--	--	2
1967	05/30/67	60.6	(2140)	5	1.03	(3.37)	2
1968	05/08/68	72.2	(2550)	5	.96	(3.16)	2
1969	04/01/69	70.8	(2500)	5	.97	(3.19)	2
1970	04/13/70	72.8	(2570)	5	.94	(3.09)	2

06779000 MIDDLE LOUP RIVER AT ARCADIA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	03/10/71	52.4	(1850)	5	1.00	(3.29)	2
1972	04/28/72	50.4	(1780)	5	0.99	(3.26)	2
1973	05/27/73	68.5	(2420)	5	.96	(3.15)	2
1974	06/09/74	50.7	(1790)	5	.90	(2.95)	2
1975	03/17/75	92.6	(3270)	5	1.11	(3.65)	2
1976	07/03/76	52.4	(1850)	5	.85	(2.80)	2
1977	04/20/77	82.4	(2910)	5	.81	(2.65)	2
1978	03/21/78	155	(5480)	5	1.26	(4.13)	2
1979	03/18/79	127	(4500)	2, 5	--	--	--
1980	03/29/80	64	(2260)	5	.88	(2.90)	2
1981	08/25/81	139	(4900)	5	1.23	(4.05)	2
1982	04/22/82	96.3	(3400)	5	.98	(3.22)	2
1983	06/27/83	218	(7700)	5	1.42	(4.67)	--
1984	04/21/84	118	(4150)	5	1.02	(3.34)	2
1985	10/15/84	94.9	(3350)	5	.92	(3.01)	2
1986	02/25/86	140	(4940)	5	1.23	(4.05)	1, 2
1987	03/17/87	182	(6430)	5	1.27	(4.17)	--
1988	07/01/88	137	(4820)	5	1.12	(3.67)	2
1989	03/10/89	105	(3700)	5, 9	1.58	(5.19)	1
1990	06/16/90	83.3	(2940)	5	.89	(2.93)	2
1991	05/03/91	108	(3800)	5	1.00	(3.28)	2
1992	09/19/92	119	(4190)	5	1.05	(3.43)	2
1993	03/10/93	204	(7200)	5	1.72	(5.64)	1, 2

06779500 MIDDLE LOUP RIVER AT LOUP CITY, NE

LOCATION.--Lat. 41°16'40", long 98°59'50" in NE1/4 sec.14, T.15 N., R.15 W., Sherman County, Hydrologic Unit 10210003, 1.6 km (1.0 mi) west of Loup City at bridge on State Highway 92 and 2.4 km (1.5 mi) upstream from Cob Creek.

DRAINAGE AREA.--12,500 km² (4,860 mi²), of which about 2,460 km² (950 mi²) contributes directly to runoff.

PERIOD OF RECORD.--1937, 1950 to 1956 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 626.94 m (2,056.9 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 85.0 m³/s (3,000 ft³/s) June 4, 1937.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 120 m³/s (4,220 ft³/s) May 19, 1950.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1937	06/04/37	85.0 (3000)	7, 2	-- --	--
1950	05/19/50	120 (4220)	5	-- --	2
1951	08/13/51	112 (3940)	5	-- --	2
1952	05/27/52	79.6 (2810)	5	-- --	2
1953	03/14/53	59.8 (2110)	5	-- --	2
1954	02/08/54	62.3 (2200)	2, 5	-- --	2
1955	03/10/55	59.5 (2100)	2, 5	2.10 (6.90)	1
1956	03/03/56	49.3 (1740)	2, 5	1.74 (5.70)	2

06780000 MIDDLE LOUP RIVER AT ROCKVILLE, NE

LOCATION.--Lat. 41°06'39", long 98°50'19", in NE1/4 SW1/4 sec.8, T.13 N., R.13 W., Sherman County, Hydrologic Unit 10210003, on right bank 0.32 km (0.2 mi) upstream from bridge on State Highway 68, .97 km (0.6 mi) southwest of Rockville.

DRAINAGE AREA.--13,750 km² (5,310 mi²), of which about 2.820 km² (1,090 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1956-64, 1968 to 1975.

GAGE.--Water-stage recorder. Datum of gage is 596.40 m (1,956.68 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 295 m³/s (10,400 ft³/s) June 16, 1957, gage height, 1.41 m (4.62 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	11/20/55	71.9 (2540)	5	1.26 (4.12)	2
1957	06/16/57	295 (10400)	5	1.41 (4.62)	2
1958	02/26/58	155 (5480)	5	1.41 (4.61)	2
1959	03/26/59	59.2 (2090)	5	1.25 (4.10)	2
1960	03/28/60	274 (9660)	5	1.59 (5.22)	2
1961	05/31/61	88.6 (3130)	5	1.26 (4.13)	2
1962	06/07/62	221 (7810)	5	1.52 (4.99)	2
1963	02/08/63	66.3 (2340)	2, 5	1.91 (6.25)	2
1964	04/06/64	58.1 (2050)	5	1.33 (4.37)	2
1968	03/05/68	65.4 (2310)	5	1.41 (4.63)	2
1969	03/20/69	82.1 (2900)	2, 5	2.18 (7.16)	1
1970	04/14/70	71.4 (2520)	5	1.29 (4.24)	2
1971	03/11/71	70.8 (2500)	2, 5	1.50 (4.93)	2
1972	03/05/72	56.1 (1980)	5	1.44 (4.72)	2
1973	09/29/73	88.1 (3110)	5	1.61 (5.28)	2
1974	06/09/74	76.5 (2700)	2, 5	1.58 (5.20)	2
1975	06/21/75	45.0 (1590)	5	1.53 (5.02)	2

06782000 SOUTH LOUP RIVER NEAR CUMRO, NE

LOCATION.--Lat. 41°02'40", long 99°22'30", in NE1/4 sec.4, T.12 N., R.18 W., Buffalo County, Hydrologic Unit 10210004, near left bank on downstream side of bridge on State Highway 183 and 12.07 km (7.5 mi) southeast of Cumro.

DRAINAGE AREA.--3470 km² (1,340 mi²), of which about 1800 km² (700 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to 1953 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 671.38 m (2,202.68 ft) above sea level. Prior to July 24, 1952, at site 0.8 km (0.5 mi) upstream at datum 1.5 m (5.0 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 204 m³/s (7,200 ft³/s) June 22, 1947, gage height, 3.32 m (10.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1946	06/18/46	37.1 (1310)	--	1.44 (4.72)	--
1947	06/22/47	204 (7200)	--	3.32 (10.90)	--
1948	03/15/48	41.6 (1470)	--	1.87 (6.14)	2
1949	09/06/49	64.0 (2260)	--	1.51 (4.97)	--
1950	07/09/50	17.2 (606)	--	0.85 (2.79)	2
1951	05/18/51	48.1 (1700)	--	1.37 (4.49)	2
1952	03/17/52	8.86 (313)	--	.78 (2.55)	2
1953	05/27/53	88.6 (3130)	--	2.00 (6.57)	--

06782500 SOUTH LOUP RIVER AT RAVENNA, NE

LOCATION.--Lat. 41°00'42", long 98°54'44", in SW1/4 NW1/4 sec.16, T.12 N., R.14 W., Buffalo County, Hydrologic Unit 10210004, 4.88 km (16 ft) downstream and 11.58 m (38 ft) left of left downstream corner of county highway bridge, 0.15 km (0.5 mi) south of Ravenna city limits and 2.3 km (1.4 mi) upstream from Mud Creek.

DRAINAGE AREA.--4,070 km² (1,570 mi²), of which about 2,180 km² (842 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941-58, 1968 to 1975 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 604.79 m (1,984.21 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,160 m³/s (41,000 ft³/s) June 22, 1947, gage height, 3.84 m (12.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	06/02/41	86.4	(3050)	--	1.54	(5.06)	--
1942	09/03/42	136	(4810)	--	1.74	(5.70)	--
1943	06/14/43	244	(8600)	2	2.33	(7.66)	--
1944	05/02/44	83.0	(2930)	--	1.49	(4.90)	--
1945	06/09/45	283	(10000)	2	2.34	(7.68)	--
1946	06/18/46	56.9	(2010)	--	1.46	(4.80)	--
1947	06/22/47	1160	(41000)	2	3.84	(12.60)	--
1948	03/15/48	204	(7200)	2	1.94	(6.38)	--
1949	06/09/49	157	(5550)	--	1.65	(5.40)	2
1950	07/09/50	61.2	(2160)	--	1.49	(4.88)	2
1951	05/31/51	62.6	(2210)	--	1.42	(4.65)	--
1952	05/27/52	53.8	(1900)	--	1.42	(4.65)	2
1953	05/27/53	89.2	(3150)	--	1.60	(5.25)	--
1954	06/17/54	317	(11200)	--	2.17	(7.12)	--
1955	05/25/55	41.3	(1460)	--	1.42	(4.66)	2
1956	06/18/56	56.9	(2010)	--	1.55	(5.07)	--
1957	06/16/57	186	(6580)	--	2.05	(6.71)	--
1958	07/19/58	215	(7590)	--	2.38	(7.80)	--
1968	06/24/68	484	(17100)	--	3.15	(10.32)	--
1969	03/19/69	92.3	(3260)	--	1.70	(5.59)	2
1970	06/14/70	20.7	(730)	--	1.23	(4.02)	2
1971	06/30/71	27.2	(960)	--	1.31	(4.31)	2
1972	07/26/72	189	(6660)	--	2.26	(7.41)	--
1973	07/24/73	119	(4190)	--	2.03	(6.65)	--
1974	06/09/74	50.1	(1770)	--	1.54	(5.05)	2
1975	06/22/75	71.1	(2510)	--	1.68	(5.50)	--

06782600 SOUTH BRANCH MUD CREEK TRIBUTARY NEAR BROKEN BOW, NE

LOCATION.--Lat. 41°25'57", long 99°42'09", in SW1/4 NE1/4 sec.23, T.17 N., R.21 W., Custer County, Hydrologic Unit 10210005, at concrete box culvert State Highway 2, 30 m (100 ft) southwest of railroad culvert, 3.9 km (2.4 mi) northwest along highway from road at KCNI radio tower, and 6.4 km (4 mi) northwest of Broken Bow.

DRAINAGE AREA.--1.04 km² (0.40 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 780.9 m (2,562 ft) above sea level. Lowest recording stage is 3.35 m (11.0 ft). On June 21, 1976, original crest-stage indicator was removed, bottom bracket was raised, a shorter indicator was installed, and bottom of indicator was raised 0.3 m (1.0 ft). Indicator was scored and drilled at 0.15 m (0.5 ft) interval and tagged at 0.61 m (2.0 ft) interval. Datum of April 28, 1952, was retained. Prior to June 21, 1976, lowest recording stage was 3.05 m (10.01 ft). A miscellaneous indirect measurement had been made for the flood of June 24, 1963.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 6.17 m³/s (218 ft³/s) July 20 1972, gage height, 4.06 m (13.33 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	07/21/51	1.78	(63.)	--	3.54	(11.62)	--
1952	06/01/52	0.08	(3)	--	3.33	(10.92)	--
1953	06/07/53	.85	(30)	--	3.51	(11.50)	--
1954	09/08/54	≤.01	(≤.5)	--	3.18	(10.42)	--
1955	10/25/54	.11	(4)	2	3.40	(11.16)	--
1956	06/17/56	4.64	(164)	--	3.77	(12.36)	--
1957	05/16/57	.20	(7)	--	3.47	(11.40)	--
1958	07/18/58	5.21	(184)	--	3.79	(12.43)	--
1959	06/21/59	.79	(28)	--	3.60	(11.80)	--
1960	09/20/60	.54	(19)	--	3.57	(11.70)	--
1961	06/14/61	1.22	(43)	--	3.62	(11.88)	--
1962	06/06/62	2.63	(93)	--	3.82	(12.53)	--
1963	04/10/63	.08	(3)	--	3.38	(11.10)	--
1964	06/22/64	.26	(9)	--	3.50	(11.48)	--
1965	05/24/65	.88	(31)	--	3.61	(11.85)	--
1966	07/14/66	1.25	(44)	--	3.66	(12.01)	--
1967	06/11/67	1.95	(69)	--	3.75	(12.29)	--
1968	08/09/68	4.70	(166)	--	3.98	(13.05)	--
1969	07/16/69	3.57	(126)	--	3.90	(12.79)	--
1970	07/13/70	2.46	(87)	--	3.80	(12.48)	--
1971	06/10/71	2.44	(86)	--	3.80	(12.46)	--
1972	07/20/72	6.17	(218)	--	4.06	(13.33)	--
1973	07/10/73	4.93	(174)	--	3.99	(13.10)	--
1974	06/12/74	4.19	(148)	--	4.19	(13.75)	--
1975	07/21/75	3.46	(122)	--	4.10	(13.44)	--
1976	09/08/76	3.77	(133)	--	4.14	(13.57)	--
1977	08/06/77	3.40	(120)	--	4.08	(13.40)	--
1978	08/11/78	1.42	(50)	2	4.22	(13.83)	--

06782700 SOUTH BRANCH MUD CREEK AT BROKEN BOW, NE

LOCATION.--Lat. 41°24'07", long 99°38'51", in SE1/4 NW1/4 sec.32, T.17 N., R.20 W., Custer County, Hydrologic Unit 10210005, at concrete bridge on State Highway 2, 0.5 km (0.3 mi) west of town square of Broken Bow and 0.5 km (0.2 mi) upstream from confluence with North Branch of Mud Creek.

DRAINAGE AREA.--223 km² (86 mi²), of which 25.6 km² (9.87 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1951 to 1977 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 754 m (2,474 ft) above sea level (from topographic map). Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 34.0 m³/s (1,200 ft³/s), May 27, 1945.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 50.7 m³/s (1,790 ft³/s) June 17, 1956, gage height, 5.0 m (16.41 ft); stage is highest since 1947.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1945	05/27/45	34.0 (1200)	2,7	-- --	--
1951	07/21/51	2.24 (79)	--	3.76 (12.32)	--
1952	07/14/52	≤0.01 (≤.5)	--	2.90 (9.52)	4
1953	08/03/53	.11 (4)	--	3.28 (10.75)	--
1954	09/08/54	.08 (3)	--	3.22 (10.57)	--
1955	07/08/55	.14 (5)	--	3.29 (10.80)	--
1956	06/17/56	50.7 (1790)	--	5.00 (16.41)	--
1957	05/25/57	.08 (3)	--	3.22 (10.58)	--
1958	08/06/58	.20 (7)	--	3.35 (10.98)	--
1959	07/16/59	.23 (8)	--	3.36 (11.03)	--
1960	03/21/60	8.50 (300)	--	4.09 (13.41)	--
1961	08/12/61	.74 (26)	--	3.39 (11.13)	--
1962	06/06/62	5.32 (188)	--	3.99 (13.08)	--
1963	09/21/63	.96 (34)	--	3.45 (11.32)	--
1964	/ /64	.96 (34)	--	3.45 (11.32)	--
1965	08/21/65	.23 (8)	--	3.25 (10.67)	2
1966	07/14/66	.20 (7)	--	3.24 (10.63)	--
1967	07/25/67	.37 (13)	--	3.29 (10.81)	--
1968	08/09/68	10.5 (370)	--	4.04 (13.25)	--
1969	03/20/69	1.70 (60)	2	3.72 (12.22)	1
1970	06/11/70	.57 (20)	--	3.33 (10.92)	--
1971	06/10/71	.54 (19)	--	3.32 (10.89)	--
1972	07/20/72	.79 (28)	--	3.38 (11.08)	--
1973	07/03/73	1.05 (37)	--	3.42 (11.23)	--
1974	04/26/74	10.1 (355)	--	4.02 (13.19)	--
1975	07/21/75	3.96 (140)	2	-- --	--
1977	08/06/77	.14 (5)	2	-- --	4

06782800 NORTH BRANCH MUD CREEK AT BROKEN BOW, NE

LOCATION.--Lat. 41°24'35", long 99°39'45", in NW1/4 NE1/4 sec.31, T.17 N., R.20 W., Custer County, Hydrologic Unit 10210005, at concrete and steel bridge, 45.7 m (150 ft) downstream from Chicago, Burlington, and Quincy Railroad bridge, and .97 km (0.6 mi) east of KCNI radio tower on State Highway 2.

DRAINAGE AREA.--40.1 km² (15.5 mi²), of which about 28 km² (10.8 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1951 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 910.13 m (2,986.00 ft) above sea level. Lowest recording stage is 3.06 m (10.04 ft). Prior to July 30, 1952, lowest recording stage was 2.60 m (8.54 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 43.9 m³/s (1,550 ft³/s) June 17, 1956, gage height, 4.93 m (19.19 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	07/21/51	3.40	(120)	--	3.82	(12.52)	--
1952	06/01/52	0.08	(3)	--	3.16	(10.37)	--
1953	06/07/53	2.32	(82)	--	3.59	(11.78)	--
1954	/ /54	≤0.01	(≤.5)	--	--	--	4
1955	/ /55	≤0.01	(≤.5)	--	--	--	4
1956	06/17/56	43.9	(1550)	--	4.93	(16.16)	--
1957	05/16/57	.20	(7)	--	3.38	(11.09)	--
1958	07/18/58	5.86	(207)	--	3.77	(12.38)	--
1959	07/16/59	7.08	(250)	--	3.83	(12.57)	--
1960	03/21/60	14.7	(520)	--	4.13	(13.56)	--
1961	08/12/61	16.7	(590)	--	4.19	(13.75)	--
1962	06/06/62	27.2	(960)	--	4.50	(14.75)	--
1963	04/10/63	.14	(5)	--	3.35	(10.99)	--
1964	/ /64	≤0.01	(≤.5)	--	--	--	4
1965	08/21/65	.48	(17)	--	3.58	(11.73)	--
1966	02/08/66	2.83	(100)	2	3.86	(12.66)	1
1967	07/24/67	2.04	(72)	--	3.74	(12.28)	--

06782900 MUD CREEK TRIBUTARY NEAR BROKEN BOW, NE

LOCATION.--Lat. 41°22'32", long 99°38'17", in NE1/4 NW1/4 sec.8, T.16 N., R.20 W., Custer County, Hydrologic Unit 10210005, at double concrete box culvert on State Highway 21, 2.9 km (1.8 mi) south of State Highway 2 in Broken Bow.

DRAINAGE AREA.--15.3 km² (5.90 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 760.17 m (2,494 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft). Gage was damaged in September 1966 making it necessary to remove, straighten and shorten. Gage was reinstalled on September 28, 1966.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 42.5 m³/s (1,500 ft³/s), May 27, 1945.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 42.5 m³/s (1,500 ft³/s), July 6, 1968, gage height, 4.69 m (15.38 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1945	05/27/45	42.5	(1500)	7	--	--	--
1951	07/21/51	24.6	(870)	--	4.51	(14.80)	--
1952	07/24/52	0.65	(23)	--	3.46	(11.36)	--
1953	06/07/53	.96	(34)	--	3.61	(11.84)	--
1954	08/14/54	1.50	(53)	--	3.79	(12.43)	--
1955	/ /55	≤.01	(≤.5)	--	--	--	4
1956	08/17/56	22.7	(800)	--	4.47	(14.65)	--
1957	05/25/57	.68	(24)	--	3.48	(11.41)	--
1958	07/18/58	2.27	(80)	--	3.88	(12.72)	--
1959	/ /59	≤.01	(≤.5)	--	--	--	4
1960	04/13/60	4.81	(170)	--	4.00	(13.11)	--
1961	06/14/61	.42	(15)	--	3.34	(10.95)	--
1962	06/07/62	7.36	(260)	--	4.07	(13.35)	--
1963	09/21/63	.03	(1)	2	--	--	4
1964	06/22/64	.62	(22)	--	3.45	(11.32)	--
1965	08/21/65	.26	(9)	--	3.23	(10.59)	--
1966	02/08/66	1.98	(70)	2	4.14	(13.57)	1
1967	07/24/67	.14	(5)	--	3.13	(10.27)	--
1968	07/06/68	42.5	(1500)	--	4.69	(15.38)	--
1969	03/20/69	.85	(30)	2	3.92	(12.86)	1
1970	06/11/70	.03	(1)	2	--	--	4
1971	06/10/71	.03	(1)	2	--	--	4
1972	06/06/72	20.4	(720)	--	4.56	(14.97)	1
1973	07/20/73	.14	(5)	2	4.33	(14.19)	1
1974	06/09/74	1.47	(52)	--	3.78	(12.40)	--
1975	07/21/75	1.13	(40)	--	3.67	(12.05)	--
1976	08/06/76	.14	(5)	2	3.00	(9.83)	4
1977	08/16/77	1.98	(70)	--	3.85	(12.62)	--
1978	07/22/78	6.80	(240)	--	4.06	(13.32)	--

06783000 MUD CREEK NEAR BROKEN BOW, NE

LOCATION.--Lat. 41°22'30", long 99°35'10", in NW1/4 sec.11, T.16 N., R.20 W., Custer County, Hydrologic Unit 10210005, on right bank 1.8 m (6 ft) downstream from bridge on State Highway 2 about 4.8 km (3 mi) southeast of Broken Bow.

DRAINAGE AREA.--1,140 km² (440 mi²), of which about 210 km² (81.1 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1949 to 1956 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 735.78 m (2,413.96 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 142 m³/s (5,000 ft³/s) May 27, 1945.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17.0 m³/s (600 ft³/s) June 17, 1956, gage height, 2.89 m (9.48 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1945	05/27/45	142	(5000)	7	--	--	--
1949	06/12/49	2.44	(86)	--	1.30	(4.28)	--
1950	07/23/50	11.6	(410)	--	2.36	(7.75)	--
1951	07/21/51	11.4	(401)	--	2.43	(7.96)	--
1952	03/16/52	2.18	(77)	--	1.12	(3.69)	--
1953	06/07/53	4.39	(155)	--	1.68	(5.51)	--
1954	08/06/54	2.63	(93)	--	1.23	(4.04)	--
1955	07/08/55	1.25	(44)	--	0.90	(2.94)	2
1956	06/17/56	17.0	(600)	--	2.89	(9.48)	--

06783500 MUD CREEK NEAR SWEETWATER, NE

LOCATION.--Lat. 41°02'15", long 98°59'35", in NE1/4 SE1/4 sec.3 T.12 N., R.15 W., Buffalo County, Hydrologic Unit 10210005, on right bank 3.7 m (12 ft) downstream from bridge on State Highway 2, 1.4 km (0.9 mi) southeast of Sweetwater, and 18.7 km (11.6 mi) upstream from mouth.

DRAINAGE AREA.--1,830 km² (707 mi²), of which 1,690 km² (655 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 308.97 m (1,013.69 ft) above sea level.

REMARKS.--Minor irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 765 m³/s (27,000 ft³/s) June 22, 1947, gage height, 7.07 m (23.20 ft), maximum stage known since at least 1929, from information by local resident.

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1947	06/22/47	765 (27000)	2	7.07 (23.20)	--
1948	03/16/48	83.3 (2940)	--	5.39 (17.70)	--
1949	06/09/49	29.5 (1040)	--	4.65 (15.25)	--
1950	08/14/50	37.7 (1330)	--	4.82 (15.81)	--
1951	08/14/51	26.1 (920)	--	4.09 (13.42)	--
1952	03/18/52	6.94 (245)	--	2.33 (7.63)	2
1953	05/27/53	34.0 (1200)	--	4.63 (15.18)	--
1954	06/17/54	47.0 (1660)	--	5.08 (16.66)	--
1955	05/19/55	15.7 (555)	--	3.32 (10.90)	--
1956	06/29/56	30.0 (1060)	--	4.48 (14.70)	--
1957	06/18/57	49.3 (1740)	--	5.26 (17.27)	--
1958	07/19/58	38.2 (1350)	--	5.05 (16.58)	--
1959	06/30/59	21.0 (742)	--	3.84 (12.60)	--
1960	07/30/60	49.8 (1760)	--	5.07 (16.62)	2
1961	05/22/61	11.5 (405)	--	2.97 (9.75)	--
1962	06/18/62	71.4 (2520)	--	5.47 (17.93)	--
1963	02/08/63	5.66 (200)	2	2.58 (8.48)	1
1964	07/01/64	48.1 (1700)	--	5.18 (16.99)	--
1965	05/26/65	34.6 (1220)	--	4.66 (15.28)	--
1966	02/10/66	22.7 (800)	2	4.63 (15.20)	1
1967	06/14/67	51.3 (1810)	--	5.14 (16.85)	--
1968	06/24/68	159 (5600)	--	6.12 (20.07)	--
1969	03/20/69	39.9 (1410)	--	4.73 (15.52)	--
1970	06/17/70	6.20 (219)	--	2.40 (7.88)	--
1971	06/06/71	13.3 (471)	--	3.16 (10.38)	--
1972	07/27/72	11.2 (396)	--	3.11 (10.21)	--
1973	06/02/73	64.3 (2270)	--	5.42 (17.79)	--
1974	04/29/74	16.1 (568)	--	3.67 (12.05)	--
1975	06/22/75	14.5 (512)	--	3.51 (11.53)	--
1976	06/24/76	23.3 (824)	--	4.20 (13.79)	--
1977	05/08/77	20.6 (728)	--	3.99 (13.10)	--
1978	03/16/78	63.2 (2230)	--	5.45 (17.88)	--
1979	04/19/79	9.60 (339)	--	3.10 (10.17)	1
1980	02/20/80	3.40 (120)	--	3.02 (9.90)	1

06783500 MUD CREEK NEAR SWEETWATER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/25/81	7.00	(247)	--	2.71	(8.89)	--
1982	06/15/82	28.9	(1020)	--	4.66	(15.29)	--
1983	07/01/83	23.5	(831)	--	3.99	(13.09)	--
1984	06/12/84	68.5	(2420)	--	5.76	(18.90)	--
1985	05/14/85	10.9	(386)	--	3.36	(11.03)	--
1986	09/21/86	9.88	(349)	--	3.19	(10.47)	--
1987	06/10/87	9.60	(339)	--	3.19	(10.48)	--
1988	02/18/88	7.87	(278)	--	3.00	(9.83)	--
1989	07/14/89	12.3	(436)	--	3.53	(11.57)	--
1990	06/18/90	30.6	(1080)	--	4.82	(15.80)	--
1991	05/24/91	11.3	(400)	--	3.14	(10.29)	--
1992	05/16/92	37.1	(1310)	--	4.91	(16.10)	--
1993	03/09/93	58.6	(2070)	--	5.78	(18.95)	2

06784000 SOUTH LOUP RIVER AT ST. MICHAEL, NE

LOCATION.--Lat. 41°01'53", long 98°44'25", in NW1/4 NW1/4 sec.12 T.12 N., R.13 W., Buffalo County, Hydrologic Unit 10210004, 1.5 m (5 ft) downstream and 9.1 m (30 ft) shoreward from left downstream corner of county highway bridge, 0.97 km (0.6 mi) northeast of St. Michael, 5.5 km (3.4 mi) upstream from Sweet Creek, and at kilometer 14.5 (mile 9.0).

DRAINAGE AREA.--6,009 km² (2,320 mi²), of which 4,118 km² (1,590 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1944 to current year.

GAGE.--Water-stage recorder. Datum of gage is 585.60 m (1,921.26 ft) above sea level. Prior to June 22, 1947, water-stage recorder, and June 25 to Sept. 30, 1947, nonrecording gage, at present site at datum .61 m (2.00 ft) higher. Oct. 1, 1947 to July 3, 1958, nonrecording gage at present site and datum. July 4, 1958 to Sept. 7, 1960, water-stage recorder at site 183 m (600 ft) upstream at present datum. Sept. 8, 1960 to June 24, 1968, water-stage recorder at site 30.5 km (100 ft) upstream at present datum. June 25 to Nov. 21, 1968, nonrecording gage at present site and datum. Nov. 22, 1968 to May 19, 1981, water-stage recorder at site 12 m (40 ft) upstream at present datum. May 20 to July 16, 1981, water-stage recorder at site 21 km (70 ft) upstream at present datum.

REMARKS.--Minor irrigation developments above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,420 m³/s (50,000 ft³/s) June 22, 1947, gage height, 3.66 m (12.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1944	05/02/44	125	(4400)	2	--	--	--
1945	06/09/45	340	(12000)	2	--	--	--
1946	06/18/46	58.1	(2050)	--	1.61	(5.29)	--
1947	06/22/47	1420	(50000)	2	3.66	(12.00)	--
1948	03/16/48	180	(6350)	--	2.21	(7.26)	--
1949	06/09/49	118	(4170)	--	1.75	(5.75)	2
1950	06/18/50	53.5	(1890)	--	1.30	(4.27)	2
1951	05/31/51	78.7	(2780)	--	1.38	(4.53)	--
1952	05/27/52	53.0	(1870)	--	1.27	(4.17)	2
1953	05/27/53	118	(4180)	--	1.65	(5.40)	--
1954	06/17/54	221	(7820)	--	2.13	(6.98)	--
1955	06/17/55	41.9	(1480)	--	1.24	(4.08)	2
1956	06/19/56	65.1	(2300)	--	1.49	(4.90)	--
1957	06/17/57	170	(6010)	--	2.27	(7.46)	--
1958	07/20/58	217	(7680)	--	--	--	--
1959	06/30/59	48.1	(1700)	--	--	--	2
1960	03/27/60	163	(5750)	--	--	--	2
1961	05/22/61	77.3	(2730)	--	--	--	--
1962	06/18/62	112	(3950)	--	--	--	2
1963	05/16/63	25.5	(902)	--	--	--	2
1964	07/02/64	60.0	(2120)	--	--	--	--
1965	05/26/65	180	(6360)	--	--	--	--
1966	02/11/66	85.0	(3000)	2	--	--	--
1967	06/14/67	374	(13200)	--	--	--	--
1968	06/24/68	779	(27500)	--	3.35	(11.00)	--
1969	03/20/69	130	(4600)	2	3.57	(11.70)	2
1970	06/14/70	12.7	(450)	--	1.34	(4.40)	2

06784000 SOUTH LOUP RIVER AT ST. MICHAEL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	02/19/71	26.6	(940)	2	1.98	(6.49)	2
1972	07/26/72	181	(6380)	--	2.63	(8.63)	--
1973	06/03/73	118	(4180)	--	2.15	(7.05)	2
1974	06/09/74	50.4	(1780)	--	1.74	(5.70)	--
1975	06/22/75	78.7	(2780)	--	2.01	(6.58)	--
1976	06/24/76	25.0	(882)	--	1.54	(5.05)	2
1977	09/12/77	96.0	(3390)	--	2.09	(6.86)	--
1978	03/16/78	317	(11200)	--	4.01	(13.15)	1
1979	04/20/79	44.5	(1570)	--	1.75	(5.73)	2
1980	04/04/80	17.5	(619)	--	1.49	(4.88)	2
1981	07/27/81	25.0	(882)	--	1.53	(5.03)	2
1982	06/15/82	87.8	(3100)	--	2.26	(7.42)	2
1983	06/27/83	45.3	(1600)	--	1.72	(5.63)	--
1984	06/13/84	334	(11800)	--	3.27	(10.73)	--
1985	09/13/85	73.3	(2590)	--	1.82	(5.97)	--
1986	09/06/86	30.3	(1070)	--	1.50	(4.91)	--
1987	05/31/87	112	(3960)	--	2.14	(7.03)	--
1988	07/01/88	41.1	(1450)	--	1.47	(4.83)	2
1989	07/15/89	78.2	(2760)	--	1.86	(6.09)	--
1990	06/17/90	57.2	(2020)	--	1.66	(5.46)	--
1991	05/25/91	131	(4640)	--	2.16	(7.09)	--
1992	05/16/92	73.6	(2600)	--	1.82	(5.98)	--
1993	03/09/93	282	(9970)	--	3.15	(10.32)	--

06784300 OAK CREEK NEAR LOUP CITY, NE

LOCATION.--Lat. 41°17'36", long 98°52'04", near center of north line of sec.12, T.15 N., R.14 W., Sherman County, Hydrologic Unit 10210003, on left bank 9.1 m (30 ft) downstream from county bridge, 2.4 km (1.5 mi) downstream from Sherman Dam, and 8.2 km (5.1 mi) northeast of Loup City.

DRAINAGE AREA.--108.5 km² (41.9 mi²).

PERIOD OF RECORD.--1952-60, 1962 to 1964 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 630.91 m (2,069.93 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 40.2 m³/s (1,420 ft³/s) July 3, 1951, gage height, 4.72 m (15.50 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18.6 m³/s (655 ft³/s) July 5, 1956, gage height, 4.23 m (13.88 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/09/50	30.3 (1070)	7	4.29 (14.08)	--
1951	07/03/51	40.2 (1420)	7	4.72 (15.50)	--
1952	03/12/52	3.68 (130)	--	1.82 (5.97)	--
1953	05/10/53	0.26 (9)	--	0.70 (2.30)	--
1954	06/17/54	16.8 (594)	--	3.88 (12.74)	--
1955	07/13/55	8.55 (302)	--	2.88 (9.46)	--
1956	07/05/56	18.6 (655)	--	4.23 (13.88)	--
1957	06/16/57	14.1 (499)	--	3.55 (11.66)	--
1958	07/24/58	14.6 (516)	--	3.63 (11.90)	--
1959	06/30/59	5.10 (180)	--	1.96 (6.44)	--
1960	05/05/60	13.5 (478)	--	3.46 (11.35)	--
1962	06/16/62	4.08 (144)	6	1.82 (5.96)	--
1963	09/09/63	1.81 (64)	6	1.34 (4.40)	--
1964	09/05/64	4.36 (154)	6	1.91 (6.26)	--

06784500 OAK CREEK NEAR DANNEBROG, NE

LOCATION.--Lat. 41°07'10", long 98°36'45", in NW1/4 NW1/4 sec.8, T.13 N., R.11 W., Howard County, Hydrologic Unit 10210003, on left bank 61 m (200 ft) downstream from bridge on State Highway 58 and 60, 3.2 km (2 mi) upstream from Dry Creek, and 5.6 km (3.5 mi) west of Dannebrog.

DRAINAGE AREA.--316 km² (122 mi²).

PERIOD OF RECORD.--1950 to 1957 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 578.34 m (1,897.45 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 53.2 m³/s (1,880 ft³/s) June 17, 1954, gage height, 5.25 m (17.23 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/09/50	50.4 (1780)	--	5.18 (17.00)	--
1951	05/31/51	40.2 (1420)	--	4.39 (14.40)	--
1952	07/15/52	3.68 (130)	--	1.23 (4.05)	2
1953	05/10/53	36.0 (1270)	--	4.15 (13.62)	--
1954	06/17/54	53.2 (1880)	--	5.25 (17.23)	--
1955	06/17/55	7.99 (282)	--	1.81 (5.94)	--
1956	07/06/56	12.1 (426)	--	2.27 (7.44)	--
1957	06/16/57	33.1 (1170)	--	4.32 (14.17)	--

06784700 TURKEY CREEK NEAR FARWELL, NE

LOCATION.--Lat. 41°13'14", long 98°40'45", in NW1/4 NE1/4 sec.3, T.14 N., R.12 W., Howard County, Hydrologic Unit 10210003, on bridge on State Highway 92, 0.3 km (0.2 mi) west of School No. 78, and 4.3 km (2.7 mi) west of Farwell.

DRAINAGE AREA.--70.4 km² (27.2 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 588.26 m (1,930 ft) above sea level. Lowest recording stage, since May 10, 1976, is 3.82 m (12.53 ft). Gage and datum were raised 0.23 m (0.76 ft) on April 2, 1959. Gage was raised 0.21 m (0.7 ft) on July 31, 1964 and another .30.3 ft on September 21, 1964, but the datum was maintained and the score marks on the gage stick were renumbered to accommodate the foot raise. On September 2, 1971, the gage was raised 1.00 ft and top of gage cut off (2.12 ft), but graduations on gage were changed and gage datum was maintained. On May 10, 1976 the gage was raised 0.15 m (0.5 ft). Tags reset and datum of Apr. 2, 1959 retained. Prior to April 2, 1959, lowest recording stage was 2.88 m (9.45 ft). From April 2, 1959, until Sep. 21, 1964, lowest recording stage was 3.06 m (10.03 ft). From Sep. 21, 1964, until Sep. 2, 1971, lowest recording stage was 3.36 m (11.03 ft). From Sep. 2, 1971, until May 10, 1976, lowest recording stage was 3.67 m (12.03 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 45.3 m³/s (1,600 ft³/s) July 9, 1950, gage height, 5.33 m (17.50 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 41.1 m³/s (1,450 ft³/s) June 5, 1965, gage height, 5.27 m (17.29 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	07/09/50	45.3 (1600)	7	5.33 (17.50)	--
1953	05/10/53	28.3 (1000)	--	4.86 (15.96)	--
1954	06/17/54	32.6 (1150)	--	4.99 (16.37)	--
1955	06/17/55	5.66 (200)	--	4.40 (14.42)	--
1956	07/04/56	1.87 (66)	--	4.03 (13.21)	--
1957	06/16/57	12.5 (440)	--	4.65 (15.27)	--
1958	07/19/58	36.5 (1290)	--	5.10 (16.72)	--
1959	06/30/59	39.9 (1410)	--	5.19 (17.02)	--
1960	05/05/60	20.4 (720)	--	4.80 (15.76)	--
1961	05/30/61	24.1 (850)	--	4.97 (16.30)	--
1962	06/16/62	26.9 (950)	--	5.02 (16.46)	--
1963	05/31/63	0.34 (12)	--	3.63 (11.90)	--
1964	08/20/64	5.78 (204)	--	4.60 (15.09)	--
1965	06/05/65	41.1 (1450)	--	5.27 (17.29)	--
1966	02/08/66	6.03 (213)	--	4.62 (15.15)	--
1967	06/14/67	20.6 (727)	--	4.91 (16.10)	--
1968	07/29/68	6.40 (226)	--	4.64 (15.22)	--
1969	07/06/69	32.9 (1160)	--	5.12 (16.80)	--
1970	08/01/70	2.18 (77)	--	4.17 (13.69)	--
1971	05/10/71	34.6 (1220)	--	5.16 (16.92)	--
1972	05/23/72	.08 (3)	2	3.72 (12.20)	--
1973	08/13/73	3.31 (117)	--	4.44 (14.57)	--
1974	06/09/74	.14 (5)	2	--	--
1975	06/18/75	4.25 (150)	--	4.53 (14.87)	--
1976	06/24/76	--	--	5.34 (17.51)	--
1977	08/16/77	--	--	5.47 (17.94)	--
1978	08/15/78	.71 (25)	2	5.32 (17.46)	--

06784800 TURKEY CREEK NEAR DANNEBROG, NE

LOCATION.--Lat. 41°09'24", long 98°33'22", in SW1/4 NW1/4 sec.26 T.14 N., R.11 W., Howard County, Hydrologic Unit 10210003, on left bank 7.6 km (25 ft) downstream from bridge on State Highway 11, 4.5 km (2.8 mi) north of Dannebrog, and 18 km (11 mi) upstream from mouth.

DRAINAGE AREA.--171.5 km² (66.2 mi²).

PERIOD OF RECORD.--1965-70, 1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 570.08 m (1,870.35 ft) above sea level (Bureau of Reclamation bench mark).

REMARKS.--Low flow includes return water from Farwell Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 75.9 m³/s (2,680 ft³/s) June 14, 1967, gage height, 5.86 m (19.21 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1965	06/05/65	39.6	(1400)	2, E	4.98	(16.35)	--
1966	07/29/66	31.4	(1110)	E	4.77	(15.66)	--
1967	06/14/67	75.9	(2680)	--	5.86	(19.21)	--
1968	07/30/68	15.1	(532)	--	3.45	(11.33)	--
1969	03/18/69	23.4	(828)	--	4.18	(13.71)	--
1970	08/02/70	5.27	(186)	--	2.29	(7.50)	--
1979	03/22/79	11.8	(417)	--	3.24	(10.63)	--
1980	06/01/80	4.73	(167)	--	2.29	(7.50)	--
1981	07/23/81	6.46	(228)	--	2.75	(9.01)	--
1982	06/15/82	30.9	(1090)	--	5.09	(16.69)	--
1983	06/29/83	33.4	(1180)	--	5.00	(16.41)	--
1984	06/12/84	50.7	(1790)	--	5.87	(19.26)	--
1985	05/14/85	29.5	(1040)	--	4.83	(15.85)	--
1986	07/10/86	22.0	(776)	--	4.23	(13.88)	--
1987	08/08/87	21.5	(758)	--	4.19	(13.76)	--
1988	06/30/88	12.6	(446)	--	3.45	(11.31)	--
1989	06/26/89	21.9	(774)	--	3.96	(12.98)	--
1990	06/15/90	37.1	(1310)	--	5.20	(17.07)	--
1991	06/01/91	8.16	(288)	--	2.95	(9.69)	--
1992	08/05/92	26.5	(936)	--	4.47	(14.68)	--
1993	07/23/93	40.8	(1440)	--	5.47	(17.95)	--

06785000 MIDDLE LOUP RIVER AT ST. PAUL, NE

LOCATION.--Lat. 41°12'13", long 98°26'46", in SE1/4 NW1/4 NE1/4 sec.10 T.14 N., R.10 W., Howard County, Hydrologic Unit 10210003, on left bank at St. Paul, 6.1 km (20 ft) upstream from bridge on U.S. Highway 281, 9.7 km (6 mi) upstream from confluence with North Loup River, and at kilometer (mile 74.0).

DRAINAGE AREA.--20,950 km² (8,090 mi²), approximately, of which 9,107 km² (3,130 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1895-99, 1903, 1929 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 541.51 m (1,776.61 ft) above sea level. See WSP 1918 for history of changes prior to June 5, 1957, to Mar. 16, 1978, water-stage recorder on left bank 131 m (430 ft) upstream at same datum. Mar. 17 to May 31, 1978, nonrecording gage on railroad bridge 9.1 m (30 ft) upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,040 m³/s (72,000 ft³/s) June 23, 1947.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1895	06/03/95	164	(5800)	--	--	--	--
1896	06/06/96	453	(16000)	--	--	--	--
1897	04/03/97	121	(4290)	--	--	--	--
1898	10/27/97	147	(5200)	--	--	--	--
1899	06/26/99	538	(19000)	--	--	--	--
1903	05/30/03	272	(9610)	7	--	--	--
1929	03/11/29	266	(9400)	--	--	--	--
1930	06/04/30	228	(8050)	--	--	--	--
1931	10/12/30	234	(8280)	--	--	--	--
1932	03/17/32	510	(18000)	--	--	--	--
1933	07/15/33	137	(4830)	--	--	--	--
1934	06/17/34	131	(4610)	--	--	--	--
1935	06/01/35	419	(14800)	--	--	--	--
1936	03/02/36	340	(12000)	2	--	--	1
1937	06/26/37	241	(8500)	--	--	--	--
1938	07/07/38	340	(12000)	5	--	--	--
1939	05/03/39	217	(7650)	5	--	--	--
1940	06/10/40	244	(8600)	5	--	--	2
1941	05/20/41	269	(9500)	5	--	--	--
1942	09/03/42	379	(13400)	5	--	--	--
1943	06/15/43	504	(17800)	5	--	--	--
1944	04/24/44	136	(4800)	5	--	--	2
1945	06/10/45	399	(14100)	5	--	--	--
1946	06/19/46	177	(6250)	5	--	--	2
1947	06/23/47	2040	(72000)	5	--	--	--
1948	03/16/48	566	(20000)	2, 5	--	--	1
1949	06/09/49	306	(10800)	5	--	--	2
1950	07/09/50	272	(9600)	5	--	--	2

06785000 MIDDLE LOUP RIVER AT ST. PAUL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	05/31/51	244	(8600)	5	--	--	2
1952	05/27/52	105	(3720)	5	--	--	2
1953	05/10/53	175	(6180)	5	--	--	2
1954	06/17/54	569	(20100)	5	--	--	--
1955	06/24/55	103	(3630)	5	--	--	2
1956	07/05/56	100	(3540)	5	--	--	2
1957	06/17/57	504	(17800)	5	1.89	(6.20)	--
1958	07/20/58	329	(11600)	5	1.91	(6.28)	--
1959	06/30/59	228	(8050)	5	1.71	(5.62)	2
1960	03/28/60	382	(13500)	5	2.24	(7.34)	2
1961	05/22/61	204	(7200)	5	1.77	(5.80)	--
1962	06/17/62	326	(11500)	5	2.04	(6.68)	2
1963	09/11/63	97.1	(3430)	5	1.55	(5.09)	2
1964	06/23/64	136	(4800)	5	1.59	(5.23)	2
1965	05/26/65	416	(14700)	5	2.14	(7.02)	--
1966	06/09/66	187	(6620)	5	1.75	(5.73)	2
1967	06/15/67	649	(22900)	5	2.59	(8.50)	--
1968	06/25/68	705	(24900)	5	2.52	(8.28)	--
1969	03/21/69	244	(8600)	2, 5	2.06	(6.76)	2
1970	04/14/70	83.3	(2940)	5	1.38	(4.54)	2
1971	05/11/71	142	(5000)	5	1.58	(5.17)	2
1972	07/26/72	256	(9050)	5	1.80	(5.89)	--
1973	07/25/73	211	(7450)	5	1.66	(5.45)	2
1974	06/09/74	115	(4050)	5	1.61	(5.29)	2
1975	06/22/75	161	(5700)	5	1.65	(5.42)	2
1976	06/24/76	105	(3690)	5	1.54	(5.05)	2
1977	09/12/77	194	(6850)	5	1.64	(5.38)	2
1978	03/17/78	651	(23000)	5	3.72	(12.21)	1
1979	03/18/79	175	(6180)	5	1.17	(3.85)	2
1980	03/30/80	141	(4980)	5	1.15	(3.78)	2
1981	08/06/81	351	(12400)	5	1.43	(4.69)	2
1982	06/15/82	217	(7650)	5	1.34	(4.38)	2
1983	06/28/83	271	(9580)	5	1.34	(4.41)	2
1984	06/12/84	824	(29100)	5	1.97	(6.46)	--
1985	09/13/85	323	(11400)	5	1.41	(4.62)	--
1986	02/26/86	179	(6310)	5	1.42	(4.67)	1, 2
1987	03/18/87	224	(7920)	5	1.39	(4.57)	--
1988	07/01/88	153	(5400)	5	1.27	(4.17)	2
1989	07/15/89	286	(10100)	5	1.44	(4.71)	2
1990	06/16/90	210	(7420)	5	1.41	(4.61)	2
1991	05/25/91	167	(5880)	5	1.26	(4.12)	2
1992	05/16/92	234	(8250)	5	1.36	(4.47)	2
1993	07/27/93	683	(24100)	5	1.83	(6.00)	2

06785500 NORTH LOUP RIVER AT BREWSTER, NE

LOCATION.--Lat. 41°56'25", long 99°51'40", in NW1/4 NW1/4 sec.27, T.23 N., R.22 W., Blaine County, Hydrologic Unit 10210006, near right bank on downstream side of pier of bridge on State Highway 7 at the northeast limits of Brewster.

DRAINAGE AREA.--4,900 km² (1,890 mi²),, approximately, of which about 363 km² (140 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to 1951 (discontinued).

GAGE.--Staff gage read twice daily. Datum of gage is 752.15 m (2,467.7 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 45.3 m³/s (1,600 ft³/s) June 14, 1951, gage height, 1.04 m (3.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1946	09/10/46	17.1 (605)	--	0.79 (2.60)	2
1947	02/16/47	22.7 (800)	--	1.11 (3.63)	2
1948	02/18/48	24.1 (850)	--	1.04 (3.42)	1
1949	03/04/49	28.3 (1000)	--	1.19 (3.92)	2
1950	02/25/50	19.8 (700)	--	1.28 (4.20)	1
1951	06/14/51	45.3 (1600)	--	1.04 (3.40)	--

06786000 NORTH LOUP RIVER AT TAYLOR, NE

LOCATION.--Lat. 41°46'37", long 99°22'45", in NE1/4 SE1/4 sec.22 T.21 N., R.18 W., Loup County, Hydrologic Unit 10210006, on left bank 7.6 m (25 ft) downstream from bridge on U.S. Highway 183, 0.64 km (0.4 mi) north of Taylor and at kilometer 129.7 (mile 80.6).

DRAINAGE AREA.--6,086 km² (2,350 mi²), approximately, of which about 482 km² (186 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1937 to current year.

GAGE.--Water-stage recorder. Datum of gage is 685.25 m (2,248.21 ft) above sea level. Prior to Sept. 28, 1938, nonrecording gage at same site and datum. Sept. 28, 1938, to July 16, 1958, water stage recorder at site 137 m (450 ft) upstream at same datum.

REMARKS.--North Loup Public Power and Irrigation District canal began diversion from river in April 1939 at point 8 km (5 mi) above station. Several smaller diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 90.9 m³/s (3,210 ft³/s) June 27, 1983, gage height, 1.81 m (5.94 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1937	03/07/37	24.6 (870)	--	1.55 (5.10)	2
1938	04/07/38	37.1 (1310)	5	1.45 (4.75)	2
1939	06/25/39	48.1 (1700)	5	--	--
1940	03/03/40	29.2 (1030)	5	--	2
1941	03/08/41	39.6 (1400)	2, 5	--	--
1942	09/02/42	70.2 (2480)	5	--	2
1943	06/15/43	35.7 (1260)	5	--	2
1944	06/16/44	48.1 (1700)	5	--	2
1945	06/10/45	35.7 (1260)	5	--	2
1946	03/17/46	28.6 (1010)	5	--	2
1947	10/05/46	48.4 (1710)	5	--	2
1948	02/19/48	24.6 (870)	5	--	2
1949	04/10/49	40.2 (1420)	5	--	2
1950	05/07/50	32.3 (1140)	5	--	2
1951	06/14/51	78.4 (2770)	5	--	2
1952	04/22/52	40.2 (1420)	5	--	2
1953	03/12/53	37.1 (1310)	5	--	2
1954	04/30/54	33.4 (1180)	5	--	2
1955	06/18/55	76.7 (2710)	5	--	2
1956	08/03/56	42.5 (1500)	5	--	2
1957	07/28/57	69.7 (2460)	5	--	2
1958	05/26/58	35.1 (1240)	5	--	2
1959	03/01/59	34.0 (1200)	5	2.00 (6.56)	2
1960	03/23/60	48.1 (1700)	2, 5	--	2
1961	02/14/61	34.8 (1230)	5	1.58 (5.17)	2
1962	03/22/62	66.0 (2330)	5	1.83 (6.00)	2
1963	02/27/63	35.4 (1250)	2, 5	1.55 (5.10)	2
1964	05/03/64	68.0 (2400)	5	1.63 (5.34)	2
1965	03/12/65	30.9 (1090)	5	1.51 (4.96)	2
1966	07/30/66	41.6 (1470)	5	1.65 (5.42)	2
1967	06/16/67	48.4 (1710)	5	1.69 (5.55)	2
1968	05/08/68	35.4 (1250)	5	1.61 (5.29)	2
1969	03/18/69	32.0 (1130)	5	1.63 (5.35)	2
1970	04/13/70	34.8 (1230)	5	1.57 (5.16)	2

06786000 NORTH LOUP RIVER AT TAYLOR, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1971	04/21/71	61.7 (2180)	5	1.70 (5.57)	2
1972	05/01/72	37.1 (1310)	5	1.56 (5.13)	2
1973	05/28/73	41.9 (1480)	5	1.59 (5.21)	2
1974	06/10/74	29.5 (1040)	5	1.56 (5.13)	2
1975	04/08/75	27.2 (960)	5	1.55 (5.08)	2
1976	07/03/76	26.5 (935)	5	1.51 (4.94)	2
1977	05/07/77	81.3 (2870)	5	1.82 (5.98)	2
1978	03/19/78	62.9 (2220)	5	2.19 (7.17)	1
1979	03/14/79	45.3 (1600)	2, 5, 9	2.19 (7.18)	--
1980	04/07/80	35.4 (1250)	5	1.52 (4.98)	2
1981	08/05/81	38.8 (1370)	5	1.60 (5.26)	2
1982	05/14/82	38.8 (1370)	5	1.58 (5.18)	2
1983	06/27/83	90.9 (3210)	5	1.81 (5.94)	--
1984	04/07/84	40.2 (1420)	5	1.54 (5.04)	--
1985	02/24/85	45.3 (1600)	5	2.03 (6.67)	1, 2
1986	05/08/86	48.4 (1710)	5	1.62 (5.32)	2
1987	03/21/87	46.2 (1630)	5	1.53 (5.01)	2
1988	02/29/88	40.2 (1420)	5	1.50 (4.91)	2
1989	03/10/89	41.1 (1450)	5, 9	1.89 (6.19)	1
1990	05/28/90	30.3 (1070)	5	1.42 (4.67)	2
1991	05/18/91	52.1 (1840)	5	1.58 (5.20)	2
1992	09/07/92	39.9 (1410)	5	1.50 (4.91)	2
1993	03/04/93	60.9 (2150)	5	1.64 (5.39)	2

06786500 NORTH LOUP RIVER AT BURWELL, NE

LOCATION.--Lat. 41°47'10", long 99°09'20", in SE1/4 SW1/4 sec.15, T.21 N., R.16 W., Garfield County, Hydrologic Unit 10210007, on left bank 15 m (50 ft) downstream from bridge on county road, 1.6 km (1 mi) west of Burwell and 2.4 km (1.5 mi) upstream from Calamus River.

DRAINAGE AREA.--6,500 km² (2,510 mi²), approximately, of which about 1,040 km² (400 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to 1960 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 657.65 m (2,157.64 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73.6 m³/s (2,600 ft³/s) Mar. 26, 1960.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	03/09/53	36.2 (1280)	5	0.92 (3.01)	2
1954	06/29/54	37.9 (1340)	5	.99 (3.25)	2
1955	03/10/55	66.6 (2350)	5	1.10 (3.61)	2
1956	03/12/56	67.4 (2380)	5	1.29 (4.23)	2
1957	07/28/57	48.4 (1710)	5	1.08 (3.53)	2
1958	07/20/58	52.4 (1850)	5	1.06 (3.49)	2
1959	03/02/59	36.8 (1300)	5	1.44 (4.74)	1
1960	03/26/60	73.6 (2600)	2, 5	-- --	2

06787000 CALAMUS RIVER NEAR HARROP, NE

LOCATION.--Lat. 41°56'48", long 99°23'10", in NW1/4 SE1/4 sec.22 T.23 N., R.18 W., Loup County, Hydrologic Unit 10210008, on right bank 13.4 m (44 ft) upstream from bridge on U.S. Highway 183, 19.6 km (12.2 mi) north of Taylor, and at kilometer 32.8 (mile 20.4).

DRAINAGE AREA.--1,795 km² (693 mi²), most of which does not contribute directly to surface runoff.

PERIOD OF RECORD.--1964, 1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 688.85 m (2,260 ft) above sea level (from topographic map). Prior to June 5, 1978, staff gage or reference point at same site at datum .3 m (1.0 ft) higher.

REMARKS.--Diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22.7 m³/s (801 ft³/s) June 30, 1983, gage height, 1.02 m (3.36 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1964	05/04/64	33.1	(1170)	--	1.46	(4.80)	--
1978	07/22/78	8.55	(302)	--	0.56	(1.83)	--
1979	03/23/79	12.1	(426)	--	.63	(2.06)	--
1980	04/05/80	13.8	(488)	--	.70	(2.30)	--
1981	08/05/81	15.4	(545)	--	.73	(2.40)	--
1982	05/29/82	16.5	(582)	--	.81	(2.66)	--
1983	06/30/83	22.7	(801)	--	1.02	(3.36)	--
1984	04/08/84	13.8	(486)	--	.75	(2.47)	2
1985	07/30/85	10.2	(359)	--	.65	(2.14)	2
1986	05/10/86	15.4	(545)	--	.88	(2.89)	2
1987	03/21/87	18.4	(651)	--	.75	(2.46)	2
1988	03/02/88	13.4	(474)	--	.50	(1.63)	2
1989	07/14/89	13.4	(474)	--	.64	(2.10)	2
1990	05/28/90	13.3	(470)	--	.59	(1.92)	2
1991	05/20/91	11.5	(405)	--	.66	(2.17)	2
1992	08/25/92	11.6	(409)	--	.72	(2.37)	2
1993	07/09/93	20.8	(735)	--	.98	(3.20)	2

06787500 CALAMUS RIVER NEAR BURWELL, NE

LOCATION.--Lat. 41°48'35", long 99°10'56", in NW1/4 NW1/4 sec.9 T.21 N., R.16 W., Garfield County, Hydrologic Unit 10210008, on left bank 6.1 m (20 ft) downstream from highway bridge, 1.8 km (1.1 mi) downstream from Calamus Dam, 2.7 km (1.7 mi) upstream from mouth, and 4.8 km (3 mi) northwest of Burwell.

DRAINAGE AREA.--2,580 km² (994 mi²), approximately, of which about 259 km² (100 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 656.38 m (2,153.48 ft) above sea level (levels by Bureau of Reclamation). Prior to Apr. 20, 1945, nonrecording gage at site 6.1 m (20 ft) upstream; Apr. 21, 1945 to Jan. 28, 1964, water-stage recorder at site 122 m (400 ft) downstream; Jan. 29, 1964 to Oct. 4, 1977, water-stage recorder at site 70.1 m (230 ft) downstream; Oct. 5, 1977 to July 30, 1985, water-stage recorder at site 57.9 m (190 ft) downstream; at present datum and July 31, 1985 to Feb. 28, 1991, water-stage recorder at present site, all at .91 m (3.00 ft) higher.

REMARKS.--Divisions for irrigation above station, and since Oct. 1, 1985, flow regulated by the Calamus Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50.7 m³/s (1,790 ft³/s) May 4, 1964, gage height, 1.33 m (4.35 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	09/24/41	10.1	(358)	--	--	--	2
1942	09/02/42	13.4	(472)	--	--	--	2
1943	03/20/43	21.8	(770)	--	--	--	2
1944	06/16/44	15.1	(534)	--	--	--	2
1945	07/16/45	11.8	(418)	--	--	--	2
1946	01/03/46	20.7	(730)	--	--	--	2
1947	06/22/47	17.2	(606)	--	--	--	2
1948	02/17/48	13.3	(470)	--	--	--	1
1949	04/08/49	18.0	(635)	--	--	--	2
1950	03/26/50	16.8	(592)	--	--	--	2
1951	05/16/51	30.0	(1060)	--	--	--	--
1952	05/20/52	14.9	(526)	--	--	--	2
1953	03/14/53	16.1	(570)	--	--	--	2
1954	12/28/53	15.0	(530)	2	--	--	1
1955	03/11/55	12.9	(457)	--	--	--	2
1956	05/29/56	14.3	(505)	--	--	--	2
1957	05/19/57	14.2	(500)	--	--	--	2
1958	07/19/58	23.3	(822)	--	--	--	2
1959	07/17/59	14.3	(505)	--	--	--	2
1960	03/26/60	20.7	(730)	--	--	--	2
1961	12/04/60	14.7	(520)	2	--	--	1
1962	05/30/62	42.5	(1500)	--	--	--	2
1963	08/27/63	15.0	(528)	--	--	--	2
1964	05/04/64	50.7	(1790)	--	1.33	(4.35)	0
1965	05/26/65	19.5	(687)	--	1.11	(3.65)	2
1966	06/09/66	15.0	(528)	--	1.03	(3.38)	2
1967	06/15/67	18.5	(652)	--	1.09	(3.58)	2
1968	06/25/68	15.8	(558)	--	1.06	(3.48)	2
1969	03/26/69	16.0	(565)	--	1.08	(3.54)	2
1970	07/13/70	23.4	(826)	--	1.20	(3.93)	2

06787500 CALAMUS RIVER NEAR BURWELL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	04/21/71	26.5	(935)	--	1.21	(3.96)	2
1972	06/19/72	16.4	(580)	--	1.12	(3.67)	2
1973	05/30/73	17.3	(612)	--	1.14	(3.75)	2
1974	06/12/74	14.1	(498)	--	1.12	(3.69)	2
1975	06/20/75	13.5	(477)	5	1.13	(3.71)	2
1976	03/15/76	13.1	(463)	5	1.07	(3.50)	2
1977	05/22/77	19.2	(678)	5	1.24	(4.06)	2
1978	03/20/78	17.6	(620)	5	1.17	(3.84)	2
1979	03/22/79	13.9	(491)	5	1.12	(3.66)	2
1980	04/06/80	20.7	(732)	5	1.19	(3.92)	2
1981	08/05/81	18.9	(669)	5	1.26	(4.12)	2
1982	05/29/82	22.0	(778)	5	1.28	(4.19)	2
1983	07/01/83	24.6	(867)	5	1.43	(4.70)	2
1984	08/22/84	39.9	(1410)	5	1.46	(4.78)	2
1985	04/30/85	14.6	(516)	5	1.19	(3.89)	2
1986	07/11/86	13.4	(472)	6	1.13	(3.72)	2
1987	03/26/87	17.0	(600)	6	1.05	(3.43)	2
1988	09/12/88	23.0	(811)	6	1.06	(3.47)	--
1989	10/13/88	20.3	(716)	6	1.02	(3.34)	--
1990	05/16/90	11.1	(392)	6	0.60	(1.97)	2
1991	05/18/91	19.7	(696)	6	1.51	(4.97)	--
1992	10/01/91	13.9	(490)	6	1.40	(4.60)	--
1993	07/13/93	26.4	(933)	6	1.56	(5.13)	--

06788500 NORTH LOUP RIVER AT ORD, NE

LOCATION.--Lat. 41°36'27", long 98°55'17", in SW1/4 NW1/4 sec.22, T.19 N., R.14 W., Valley County, Hydrologic Unit 10210007, on right bank 15 m (150 ft) downstream from bridge on State Highway 70 at Ord and at kilometer 71.3 (mile 44.3).

DRAINAGE AREA.--9,738 km² (3,760 mi²), approximately, of which about 1,818 km² (702 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1936-38 (published as "near Ord"), 1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 613.30 m (2,012.14 ft) above sea level. Nov. 25, 1936, to Sept. 30, 1938, nonrecording gage at site 3.2 km (2 mi) downstream at different datum.

REMARKS.--Diversion above stations for irrigation. Flow includes return water from North Loup irrigation project.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 286 m³/s (10,100 ft³/s) June 7, 1962, gage height, 1.68 m (5.52 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	09/04/37	97.4	(3440)	--	--	--	--
1938	05/12/38	61.2	(2160)	5	--	--	--
1952	06/27/52	27.1	(957)	5	0.83	(2.73)	--
1953	06/07/53	90.6	(3200)	5	1.26	(4.12)	2
1954	06/29/54	68.5	(2420)	5	1.10	(3.61)	2
1955	06/18/55	88.4	(3120)	5	1.19	(3.90)	2
1956	05/29/56	125	(4430)	5	1.35	(4.42)	--
1957	06/17/57	97.4	(3440)	5	1.17	(3.85)	2
1958	04/05/58	92.3	(3260)	5	1.11	(3.65)	2
1959	07/05/59	54.1	(1910)	5	.96	(3.14)	2
1960	03/27/60	95.2	(3360)	5	1.14	(3.74)	2
1961	05/31/61	69.4	(2450)	5	1.07	(3.52)	2
1962	06/07/62	286	(10100)	5	1.68	(5.52)	--
1963	02/10/63	56.6	(2000)	2, 5	1.53	(5.02)	1
1964	05/04/64	91.2	(3220)	5	1.18	(3.88)	2
1965	08/21/65	79.9	(2820)	5	1.18	(3.86)	2
1966	08/12/66	206	(7260)	5	1.56	(5.13)	2
1967	06/23/67	68.8	(2430)	5	1.14	(3.75)	2
1968	06/25/68	79.3	(2800)	5	1.21	(3.97)	2
1969	03/18/69	113	(4000)	2, 5	1.54	(5.05)	1
1970	07/13/70	56.1	(1980)	5	1.14	(3.73)	2
1971	04/21/71	64.0	(2260)	5	1.07	(3.52)	2
1972	07/21/72	72.5	(2560)	5	1.24	(4.06)	2
1973	04/15/73	69.4	(2450)	5	1.16	(3.79)	2
1974	06/09/74	78.2	(2760)	5	1.11	(3.64)	2
1975	06/21/75	54.4	(1920)	5	1.15	(3.78)	2
1976	02/12/76	53.8	(1900)	2, 5	--	--	1
1977	08/31/77	96.9	(3420)	5	1.33	(4.35)	2
1978	03/19/78	139	(4900)	2, 5	--	--	1
1979	03/15/79	65.1	(2300)	2, 5, 9	1.62	(5.30)	--
1980	04/07/80	52.1	(1840)	5	1.04	(3.41)	2

06788500 NORTH LOUP RIVER AT ORD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/05/81	230	(8110)	5	1.65	(5.41)	2
1982	05/30/82	79.3	(2800)	5	1.23	(4.03)	2
1983	08/23/83	194	(6860)	5	1.61	(5.27)	--
1984	04/21/84	68.5	(2420)	5	1.15	(3.76)	2
1985	02/25/85	54.7	(1930)	5	1.45	(4.76)	1, 2
1986	09/22/86	91.8	(3240)	5	1.31	(4.30)	2
1987	03/17/87	65.4	(2310)	5	1.03	(3.38)	2
1988	03/01/88	64.0	(2260)	5	1.00	(3.28)	2
1989	07/15/89	140	(4930)	5	1.44	(4.74)	--
1990	01/10/90	45.3	(1600)	5	1.20	(3.93)	2
1991	05/18/91	69.4	(2450)	5	1.19	(3.89)	2
1992	08/04/92	84.7	(2990)	5	1.27	(4.18)	--
1993	07/09/93	93.2	(3290)	5	1.30	(4.27)	2

06788988 MIRA CREEK NEAR NORTH LOUP, NE

LOCATION.--Lat. 41°30'09", long 98°47'47", in NW1/4 SE1/4 sec.27 T.18 N., R.13 W., Valley County, Hydrologic Unit 10210007, on left bank near county road 2.3 km (1.4 mi) northwest of North Loup.

DRAINAGE AREA.--170 km² (65.8 mi²).

PERIOD OF RECORD.--1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 598.75 m (1,964.41 ft) above sea level (levels by Nebraska Department of Roads).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 98.0 m³/s (3,460 ft³/s) Aug. 5, 1981, gage height, 3.22 m (10.56 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1980	02/19/80	0.68 (24)	--	0.69 (2.27)	--
1981	08/05/81	98.0 (3460)	--	3.22 (10.56)	--
1982	05/30/82	5.13 (181)	--	1.06 (3.47)	2
1983	06/28/83	56.9 (2010)	--	2.61 (8.56)	--
1984	06/23/84	9.35 (330)	--	1.27 (4.18)	--
1985	05/14/85	2.49 (88)	--	.87 (2.86)	--
1986	08/19/86	3.82 (135)	--	.97 (3.19)	--
1987	03/17/87	1.13 (40)	--	.74 (2.43)	--
1988	02/16/88	.85 (30)	--	.72 (2.36)	--
1989	09/04/89	7.76 (274)	--	1.20 (3.93)	--
1990	06/16/90	68.3 (2410)	--	2.83 (9.28)	--
1991	05/30/91	2.32 (82)	--	.87 (2.86)	--
1992	08/04/92	38.8 (1370)	--	2.20 (7.22)	--
1993	06/26/93	54.7 (1940)	--	2.56 (8.41)	--

06789000 NORTH LOUP RIVER AT SCOTIA, NE

LOCATION.--Lat. 41°27'30", long 98°42'40", in SE1/4 sec.8, T.17 N., R.12 W., Greeley County, Hydrologic Unit 10210007, on right bank 9.1 m (30 ft) downstream from trestle on Union Pacific Railroad Co. spur, 0.8 km (0.5 mi) upstream from Wallace Creek and 1.5 km (0.9 mi) southwest of Scotia.

DRAINAGE AREA.--10,620 km² (4,100 mi²), of which about 2,360 km² (910 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1937 to 1969 (discontinued). Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 577.03 m (1,893.13 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,060 m³/s (37,600 ft³/s) Aug. 12, 1966, gage height, 2.22 m (7.29 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	07/19/37	119	(4200)	--	1.33	(4.36)	2
1938	07/03/38	138	(4870)	5	1.48	(4.86)	--
1939	06/25/39	249	(8800)	5	1.62	(5.30)	--
1940	06/04/40	191	(6750)	5	1.54	(5.04)	--
1941	09/24/41	95.2	(3360)	5	1.21	(3.98)	2
1942	09/02/42	214	(7560)	5	1.59	(5.22)	--
1943	06/12/43	109	(3860)	5	1.32	(4.32)	--
1944	06/12/44	181	(6380)	5	1.52	(5.00)	--
1945	05/27/45	538	(19000)	2, 5	1.91	(6.27)	--
1946	06/18/46	124	(4370)	5	1.30	(4.25)	--
1947	06/22/47	906	(32000)	2, 5	2.49	(8.18)	--
1948	06/16/48	456	(16100)	5	1.87	(6.14)	--
1949	06/13/49	140	(4960)	5	1.36	(4.47)	2
1950	07/09/50	346	(12200)	5	1.53	(5.02)	2
1951	08/13/51	139	(4920)	5	1.30	(4.25)	2
1952	05/17/52	71.4	(2520)	5	1.14	(3.73)	2
1953	06/07/53	176	(6200)	5	1.30	(4.28)	2
1954	06/29/54	67.4	(2380)	5	1.10	(3.61)	2
1955	06/19/55	92.6	(3270)	5	1.23	(4.02)	2
1956	05/29/56	281	(9920)	5	1.51	(4.94)	2
1957	06/17/57	160	(5640)	5	1.30	(4.25)	2
1958	04/05/58	184	(6500)	5	1.25	(4.10)	2
1959	03/26/59	66.3	(2340)	5	0.94	(3.10)	2
1960	03/28/60	170	(6000)	2, 5	.61	(2.00)	--
1961	05/31/61	97.7	(3450)	5	1.17	(3.84)	2
1962	06/07/62	467	(16500)	5	1.87	(6.14)	--
1963	02/26/63	65.1	(2300)	2, 5	1.34	(4.38)	2
1964	09/05/64	160	(5650)	5	1.32	(4.32)	2
1965	08/21/65	101	(3580)	5	1.12	(3.69)	2
1966	08/12/66	1060	(37600)	5	2.22	(7.29)	--
1967	06/23/67	84.1	(2970)	5	1.05	(3.46)	2
1968	06/25/68	106	(3760)	5	1.16	(3.81)	--
1969	03/19/69	90.6	(3200)	2, 5	1.70	(5.59)	1

06789100 DAVIS CREEK TRIBUTARY NEAR NORTH LOUP, NE

LOCATION.--Lat. 41°24'21", long 98°54'07", on east section line in NE1/4 SE1/4 sec.34, T.17 N., R.14 W., Valley County, Hydrologic Unit 10210007, at a double 60-inch (1.524 m) steel culvert on all-weather gravel road, 0.97 km (0.6 mi) south of crossroads, 9.0 km (5.6 mi) south of SR 22 on north-south road that is about 13 km (8 mi) west of SR 11 and 15.3 km (9.5 mi) southwest of North Loup.

DRAINAGE AREA.--5.93 km² (2.29 mi²).

PERIOD OF RECORD.--1951 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 644.65 m (2,115.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to July 13, 1956, lowest recording stage was 3.26 m (10.7 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50.4 m³/s (1,780 ft³/s) June 16, 1962, gage height, 5.44 m (17.84 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	07/03/51	47.6	(1680)	--	5.41	(17.74)	--
1952	07/07/52	0.03	(1)	--	2.80	(9.20)	4
1953	08/11/53	8.07	(285)	--	4.13	(13.56)	--
1954	08/01/54	.06	(2)	--	2.93	(9.60)	--
1955	05/18/55	4.84	(171)	--	3.91	(12.83)	--
1956	06/22/56	.79	(28)	--	3.52	(11.56)	--
1957	06/16/57	11.9	(420)	--	4.41	(14.46)	--
1958	07/24/58	15.1	(533)	--	4.58	(15.02)	--
1959	05/31/59	.42	(15)	--	3.40	(11.16)	--
1960	03/27/60	9.91	(350)	--	4.26	(13.98)	--
1961	05/30/61	2.83	(100)	--	3.77	(12.36)	--
1962	06/16/62	50.4	(1780)	--	5.44	(17.84)	--
1963	08/27/63	3.48	(123)	--	3.04	(9.97)	--
1964	09/05/64	16.5	(583)	--	4.32	(14.17)	--
1965	06/12/65	26.1	(922)	--	4.84	(15.88)	--
1966	08/13/66	11.3	(400)	--	3.93	(12.90)	--
1967	06/15/67	3.99	(141)	--	3.11	(10.21)	--

06789200 DAVIS CREEK TRIBUTARY NO. 2 NEAR NORTH LOUP, NE

LOCATION.--Lat. 41°25'45", long 98°54'17", on west section line NW1/4 SW1/4 sec.23, T.17 N., R.14 W., Valley County, Hydrologic Unit 10210007, at concrete and timber bridge on all-weather gravel road 5.8 km (3.6 mi) south of S.R. 22, and 12.9 km (8.0 mi) southwest of North Loup.

DRAINAGE AREA.--17.6 km² (6.79 mi²).

PERIOD OF RECORD.--1951 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 641.60 m (2,105 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft). Prior to July 31, 1958, lowest recording stage was 2.63 m (8.63 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 66.8 m³/s (2,360 ft³/s) Aug. 13, 1966, gage height, 6.28 m (20.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	07/03/51	3.85	(136)	--	3.95	(12.96)	--
1952	08/03/52	0.03	(1)	--	2.39	(7.83)	4
1953	08/11/53	1.22	(43)	--	3.35	(11.00)	--
1954	08/23/54	.54	(19)	--	3.04	(9.96)	--
1955	05/18/55	11.2	(396)	--	4.58	(15.01)	--
1956	05/22/56	2.61	(92)	--	3.74	(12.28)	--
1957	07/14/57	20.4	(722)	--	5.13	(16.82)	--
1958	07/24/58	10.4	(367)	--	4.52	(14.83)	4
1959	06/30/59	.42	(15)	--	2.96	(9.70)	--
1960	03/27/60	11.0	(390)	--	4.57	(14.98)	--
1961	05/30/61	1.44	(51)	--	3.44	(11.27)	--
1962	06/16/62	7.42	(262)	--	4.33	(14.22)	--
1963	09/09/63	2.15	(76)	--	3.83	(12.57)	--
1964	09/05/64	14.0	(495)	--	5.23	(17.17)	--
1965	06/12/65	34.0	(1200)	--	5.74	(18.82)	--
1966	08/13/66	66.8	(2360)	--	6.28	(20.60)	--
1967	06/15/67	.51	(18)	--	3.34	(10.96)	--
1968	08/28/68	5.10	(180)	--	4.50	(14.75)	--
1969	/ /69	≤.01	(≤.5)	2	--	--	4
1970	/ /70	≤.01	(≤.5)	--	--	--	4

06789300 DAVIS CREEK NEAR NORTH LOUP, NE

LOCATION.--Lat. 41°24'45", long 98°52'00", in NW1/4 SW1/4 sec.30, T.17 N., R.13 W., Valley County, Hydrologic Unit 10210007, at steel truss bridge on dirt road 0.5 km (0.3 mi) north of crossroad, 0.8 km (0.5 mi) south of gravel crossroad, and 12.1 km (7.5 mi) southwest of North Loup..

DRAINAGE AREA.--54.7 km² (21.1 mi²).

PERIOD OF RECORD.--1951 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 626.36 m (2,055 ft) above sea level. Lowest recording stage, since Sep. 24, 1964, is 3.21 m (10.52 ft). Prior to May 24, 1956, lowest recording stage was 1.65 m (5.4 ft). From May 24, 1956, until Sep. 24, 1964, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 51.5 m³/s (1,820 ft³/s) July 14, 1957, gage height, 4.78 m (15.68 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	07/03/51	27.8 (983)	--	3.51 (11.50)	--
1952	08/03/52	0.08 (3)	--	0.43 (1.40)	--
1953	08/11/53	3.23 (114)	--	2.01 (6.59)	--
1954	08/01/54	1.22 (43)	--	1.63 (5.35)	--
1955	05/18/55	1.53 (54)	--	1.74 (5.70)	--
1956	06/22/56	21.9 (775)	--	3.15 (10.34)	--
1957	07/14/57	51.5 (1820)	--	4.78 (15.68)	--
1958	07/24/58	33.4 (1180)	--	3.87 (12.69)	--
1959	05/31/59	5.38 (190)	--	2.13 (7.00)	--
1960	03/27/60	32.9 (1160)	--	3.82 (12.53)	--
1961	05/30/61	15.3 (540)	--	2.74 (9.00)	--
1962	06/16/62	43.0 (1520)	--	5.11 (16.77)	--
1963	08/27/63	3.88 (137)	--	2.34 (7.69)	--
1964	09/05/64	34.8 (1230)	--	4.94 (16.20)	--
1965	06/12/65	21.5 (760)	--	5.20 (17.07)	--
1966	08/13/66	24.1 (850)	--	5.40 (17.71)	--
1967	06/15/67	13.7 (483)	--	4.59 (15.05)	--

06789400 DAVIS CREEK SOUTHWEST OF NORTH LOUP, NE

LOCATION.--Lat. 41°24'32", long 98°48'32", in NE1/4 NE1/4 sec.33, T.17 N., R.13 W., Valley County, Hydrologic Unit 10210007, at timber bridge on dirt road, 10.5 km (6.5 mi) south-southwest of North Loup.

DRAINAGE AREA.--80.8 km² (31.2 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College park-type crest-stage gage. Datum of gage is 608.99 m (1,998 ft) above sea level. Lowest recording stage, since May 10, 1976, is 3.51 m (11.51 ft). The gage was removed for bridge repairs during August of 1961 but was replaced at the original datum. The gag was raised 0.15 m (0.5 ft) on Sept. 21, 1964, but graduations on gage were changed and gage datum was maintained. On May 10, 1976, gage was raised 0.3 m (1.0 ft) and 0.3 m (1.00 ft) was cut off top of indicator. Tags were reset and gage datum was maintained. Prior to Sep. 21, 1964, lowest recording stage was 3.05 m (10.00 ft). From Sep. 21, 1964, until May 10, 1976, lowest recording stage was 3.20 m (10.5 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 62.9 m³/s (2,220 ft³/s) June 16, 1957, gage height, 5.90 m (19.35 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	07/03/51	41.9 (1480)	--	5.41 (17.76)	--
1952	07/07/52	0.14 (5)	--	2.50 (8.20)	4
1953	08/11/53	4.67 (165)	--	3.69 (12.12)	--
1954	05/01/54	2.55 (90)	--	3.38 (11.08)	--
1955	05/18/55	19.3 (680)	--	4.73 (15.53)	--
1956	06/22/56	22.1 (780)	--	4.86 (15.96)	--
1957	06/16/57	62.9 (2220)	--	5.90 (19.35)	--
1958	07/24/58	19.8 (700)	--	5.47 (17.93)	--
1959	05/31/59	2.12 (75)	--	3.50 (11.47)	--
1960	05/05/60	18.2 (642)	--	5.37 (17.62)	--
1961	06/14/61	5.24 (185)	--	4.15 (13.61)	--
1962	06/16/62	49.0 (1730)	--	6.19 (20.31)	--
1963	08/27/63	5.32 (188)	--	4.16 (13.65)	--
1964	09/05/64	55.5 (1960)	--	6.27 (20.57)	--
1965	06/12/65	20.2 (713)	--	5.65 (18.53)	--
1966	08/13/66	57.8 (2040)	--	6.30 (20.66)	--
1967	06/15/67	4.53 (160)	--	4.44 (14.57)	--
1968	08/28/68	.85 (30)	--	3.47 (11.39)	--
1969	07/07/69	2.97 (105)	--	4.15 (13.61)	--
1970	06/12/70	.40 (14)	--	3.90 (12.79)	--
1971	06/02/71	.85 (30)	--	4.27 (14.02)	--
1972	05/22/72	6.17 (218)	--	6.24 (20.46)	--
1973	08/15/73	7.19 (254)	--	6.40 (20.99)	--
1974	05/21/74	.20 (7)	--	3.67 (12.03)	--
1975	06/20/75	3.96 (140)	--	5.79 (19.01)	--
1976	06/24/76	3.91 (138)	--	5.77 (18.93)	--
1977	04/14/77	6.23 (220)	--	6.23 (20.43)	--
1978	07/20/78	1.70 (60)	--	4.92 (16.14)	--

06789500 DAVIS CREEK NEAR COTESFIELD NE

LOCATION.--Lat. 41°23'50", long 98°41'00", in NE1/4 SW1/4 sec.34, T.17 N., R.12 W., Greeley County, Hydrologic Unit 10210007, on left bank 2.00 km (1.25 mi) upstream from mouth and 6.4 km (4.0 mi) northwest of Colesfield.

DRAINAGE AREA.--240 km² (94 mi²).

PERIOD OF RECORD.--1948 to 1958 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 570.22 m (1,870.8 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 48.7 m³/s (1,720 ft³/s) July 9, 1958, gage height, 3.88 m (12.73 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	08/15/48	24.4 (860)	--	--	--
1949	06/27/49	16.8 (594)	--	1.92 (6.30)	--
1950	07/09/50	34.8 (1230)	--	2.91 (9.54)	--
1951	07/03/51	36.5 (1290)	--	3.01 (9.87)	--
1952	03/12/52	3.68 (130)	--	1.57 (5.14)	1
1953	05/10/53	16.8 (593)	--	2.38 (7.80)	--
1954	08/01/54	16.9 (596)	--	2.29 (7.51)	--
1955	07/12/55	9.54 (337)	--	2.16 (7.08)	2
1956	06/22/56	10.1 (356)	--	2.45 (8.05)	--
1957	05/14/57	37.1 (1310)	--	3.08 (10.09)	2
1958	07/09/58	48.7 (1720)	--	3.88 (12.73)	--

06790500 NORTH LOUP RIVER NEAR ST PAUL, NE

LOCATION.--Lat. 41°15'48", long 98°26'56", in NW1/4 NW1/4 NE1/4 sec.22 T.15 N., R.10 W., Howard County, Hydrologic Unit 10210007, on right bank 94.5 m (310 ft) downstream from bridge on State Highway 281, 4.8 km (3 mi) north of St. Paul, and 4.7 km (2.9 mi) upstream from confluence with Middle Loup River.

DRAINAGE AREA.--11,110 km² (4,290 mi²), approximately, of which about 3,210 km² (1,240 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1896-99, 1903, 1929 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 536.23 m (1,759.29 ft) above sea level. See WSP 1918 for history of changes prior to Oct. 1, 1954.

REMARKS.--Natural flow affected by diversions and ground-water withdrawals for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,550 m³/s (90,000 ft³/s) June 6, 1896.

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1896	06/06/96	2550	(90000)	2	--	--	--
1897	04/04/97	127	(4500)	--	--	--	--
1899	06/27/99	218	(7690)	--	--	--	--
1903	07/03/03	283	(10000)	--	--	--	--
1929	06/18/29	623	(22000)	--	--	--	--
1930	06/14/30	279	(9850)	--	--	--	--
1931	10/12/30	167	(5880)	--	--	--	--
1932	05/31/32	357	(12600)	--	--	--	--
1933	07/08/33	228	(8060)	--	--	--	--
1934	09/02/34	91.8	(3240)	--	--	--	--
1935	04/25/35	317	(11200)	--	--	--	--
1936	03/04/36	269	(9500)	2	--	--	2
1937	05/26/37	118	(4150)	--	--	--	2
1938	07/07/38	148	(5220)	5	--	--	2
1939	06/26/39	142	(5000)	5	--	--	--
1940	06/04/40	164	(5800)	5	--	--	2
1941	03/09/41	105	(3700)	5	--	--	1
1942	09/03/42	320	(11300)	5	--	--	2
1943	06/13/43	262	(9240)	5	--	--	--
1944	06/12/44	166	(5850)	5	--	--	--
1945	05/27/45	447	(15800)	5	--	--	--
1946	06/18/46	118	(4180)	5	--	--	2
1947	06/22/47	1020	(36000)	5	--	--	--
1948	06/17/48	329	(11600)	5	--	--	2
1949	06/13/49	151	(5330)	5	--	--	2
1950	07/09/50	476	(16800)	5	--	--	2
1951	08/13/51	155	(5470)	5	--	--	2
1952	03/13/52	109	(3860)	5	--	--	2
1953	05/10/53	256	(9030)	5	--	--	--
1954	06/30/54	64.0	(2260)	5	--	--	2
1955	06/19/55	84.7	(2990)	5	1.51	(4.94)	2

06790500 NORTH LOUP RIVER NEAR ST PAUL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1956	05/29/56	245	(8660)	5	1.71	(5.62)	2
1957	06/16/57	292	(10300)	5	1.73	(5.67)	2
1958	07/24/58	221	(7820)	5	1.66	(5.45)	2
1959	07/06/59	91.5	(3230)	5	1.53	(5.02)	2
1960	03/28/60	260	(9190)	5	1.93	(6.33)	2
1961	06/01/61	146	(5160)	5	1.57	(5.15)	2
1962	06/07/62	348	(12300)	5	2.03	(6.67)	2
1963	09/10/63	68.0	(2400)	5	1.49	(4.89)	2
1964	09/06/64	231	(8160)	5	1.87	(6.12)	--
1965	05/26/65	174	(6140)	5	1.73	(5.67)	2
1966	08/13/66	1030	(36400)	5	2.85	(9.36)	--
1967	06/15/67	194	(6850)	5	1.74	(5.70)	2
1968	06/25/68	126	(4450)	5	1.58	(5.20)	2
1969	03/20/69	105	(3700)	2, 5	2.45	(8.04)	1
1970	04/19/70	66.3	(2340)	5	1.44	(4.72)	2
1971	05/11/71	119	(4200)	5	1.54	(5.06)	2
1972	05/23/72	190	(6700)	5	1.76	(5.79)	2
1973	04/15/73	102	(3600)	5	1.53	(5.02)	2
1974	06/10/74	92.6	(3270)	5	1.51	(4.97)	2
1975	06/20/75	101	(3560)	5	1.56	(5.13)	2
1976	06/24/76	64.0	(2260)	5	1.43	(4.69)	2
1977	08/31/77	103	(3640)	5	1.60	(5.24)	2
1978	03/20/78	198	(7000)	2, 5	--	--	1
1979	03/22/79	103	(3640)	5, 9	2.48	(8.13)	--
1980	04/08/80	65.4	(2310)	5	1.41	(4.63)	2
1981	08/05/81	527	(18600)	5	2.25	(7.38)	--
1982	05/28/82	127	(4480)	5	1.57	(5.14)	2
1983	06/28/83	185	(6540)	5	1.65	(5.40)	2
1984	04/21/84	104	(3660)	5	1.41	(4.63)	2
1985	04/21/85	94.6	(3340)	5	1.41	(4.62)	2
1986	02/25/86	129	(4560)	5	1.52	(5.00)	1, 2
1987	03/17/87	112	(3960)	5	1.37	(4.49)	--
1988	02/29/88	87.8	(3100)	5	1.48	(4.86)	1, 2
1989	07/15/89	221	(7800)	5	1.50	(4.92)	2
1990	06/16/90	114	(4030)	5	1.45	(4.76)	2
1991	05/18/91	96.0	(3390)	5	1.42	(4.65)	2
1992	08/05/92	246	(8700)	5	1.65	(5.41)	2
1993	07/23/93	314	(11100)	5	1.80	(5.92)	2

06790600 EAST BRANCH SPRING CREEK TRIBUTARY NEAR WOLBACH, NE

LOCATION.--Lat. 41°27'28", long 98°25'45", in NE1/4 SE1/4 sec.11, T.17 N., R.10 W., Greeley County, Hydrologic Unit 10210009, at concrete box culvert on county road, 0.97 km (0.6 mi) south of east-west dirt road, 1.8 km (1.1 mi) north of gravel road to Brayton, and 7.2 km (4.5 mi) northwest of Wolbach.

DRAINAGE AREA.--3.94 km² (1.52 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 588.26 m (1,930 ft) above sea level. Lowest recording stage, since April 22, 1976, is 3.23 m (10.59 ft). Datum of gage was raised 0.12 m (0.4 ft) on April 28, 1964. Prior to April 28, 1964, lowest recording stage was 2.93 m (9.61 ft). From April 28, 1964, until April 22, 1976, lowest recording stage was 3.05 m (10.01 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 37.9 m³/s (1,340 ft³/s) Aug. 12, 1966, gage height, 4.00 m (13.11 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1952	05/27/52	0.57 (20)	--	3.27 (10.74)	--
1953	07/03/53	3.85 (136)	--	3.64 (11.94)	--
1954	04/20/54	2.07 (73)	--	3.48 (11.42)	--
1955	06/17/55	.14 (5)	--	3.17 (10.41)	--
1956	07/04/56	35.7 (1260)	--	3.99 (13.09)	--
1957	06/16/57	6.23 (220)	--	3.79 (12.44)	--
1958	04/05/58	3.57 (126)	--	3.62 (11.88)	--
1959	06/30/59	6.23 (220)	--	3.79 (12.44)	--
1960	06/09/60	1.90 (67)	--	3.46 (11.35)	--
1961	05/30/61	3.60 (127)	--	3.62 (11.89)	--
1962	06/16/62	1.90 (67)	--	3.74 (12.28)	--
1963	09/23/63	1.02 (36)	--	3.55 (11.64)	--
1964	09/05/64	2.04 (72)	--	3.78 (12.39)	--
1965	09/21/65	1.02 (36)	--	3.55 (11.64)	--
1966	08/12/66	37.9 (1340)	--	4.00 (13.11)	--
1967	06/05/67	14.7 (520)	--	3.91 (12.84)	--
1968	07/30/68	.71 (25)	--	3.47 (11.37)	--
1969	06/25/69	9.63 (340)	--	3.89 (12.75)	--
1970	04/12/70	.03 (1)	2	--	4
1971	06/10/71	1.7 (60)	--	3.71 (12.16)	--
1972	08/24/72	2.21 (78)	--	3.79 (12.43)	--
1973	09/28/73	1.1 (39)	--	3.55 (11.66)	--
1974	08/17/74	.65 (23)	--	3.45 (11.31)	--
1975	06/08/75	≤.01 (≤ 5)	--	3.31 (10.85)	--
1976	06/23/76	.06 (2)	2	3.57 (11.71)	--
1977	05/21/77	14.2 (500)	--	3.91 (12.84)	--
1978	06/22/78	1.42 (50)	--	3.65 (11.99)	--

06790700 WEST BRANCH SPRING CREEK AT BRAYTON, NE

LOCATION.--Lat. 41°27'27", long 98°28'38", in NE1/4 SW1/4 sec.9, T.17 N., R.10 W., Greeley County, Hydrologic Unit 10210009, at steel truss bridge on north-south dirt road, 61 m (200 ft) north of T in road, and 0.64 km (0.4 mi) south of Brayton. Bridge is 0.5 km (0.3 mi) south of railroad crossing on road running south from concrete foundation of old building and from greatest concentration of building in this area.

DRAINAGE AREA.--50.5 km² (19.5 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 585.22 m (1,920 ft) above sea level. Lowest recording gage is 3.05 m (10.02 ft). On July 2, 1971, gage was removed from rotting wingwall and remounted at the original datum on webfoot steel H-beam abutment pile approximately 0.3 m (1 ft) left of former location.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 105 m³/s (3,700 ft³/s) Juoy 16, 1945, gage height, 5.61 m (18.40 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 362 m³/s (12,800 ft³/s) Aug. 12, 1966, gage height, 7.09 m (23.26 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1945	07/16/45	105 (3700)	7	5.61 (18.40)	--
1952	06/27/52	0.20 (0.7)	--	1.80 (5.90)	--
1953	05/10/53	100 (3540)	--	5.52 (18.10)	--
1954	04/20/54	15.5 (547)	--	3.71 (12.17)	--
1955	04/23/55	.03 (1)	--	1.51 (4.96)	--
1956	07/04/56	47.9 (1690)	--	4.46 (14.64)	--
1957	06/16/57	60.0 (2120)	--	4.73 (15.52)	--
1958	07/18/58	14.3 (508)	--	3.67 (12.05)	--
1959	06/30/59	62.9 (2220)	--	4.79 (15.72)	--
1960	03/27/60	17.7 (628)	--	4.43 (14.53)	--
1961	05/30/61	13.9 (490)	--	4.17 (13.69)	--
1962	06/16/62	17.6 (620)	--	4.43 (14.52)	--
1963	08/27/63	5.24 (188)	--	3.29 (10.79)	--
1964	09/05/64	36.5 (1290)	--	5.19 (17.04)	--
1965	05/25/65	11.6 (410)	--	3.99 (13.10)	--
1966	08/12/66	362 (12800)	--	7.09 (23.26)	--
1967	06/15/67	22.4 (790)	--	4.61 (15.11)	--
1968	07/30/68	.14 (5)	2	--	4
1969	06/25/69	42.8 (1510)	--	4.95 (16.25)	--
1970	04/12/70	.14 (5)	2	--	4
1971	06/10/71	12.9 (455)	--	4.32 (14.18)	--
1972	05/22/72	32.9 (1160)	--	5.34 (17.53)	--
1973	07/29/73	1.19 (42)	--	3.14 (10.30)	--
1974	06/09/74	.14 (5)	2	--	4
1975	06/08/75	5.15 (182)	--	3.79 (12.45)	--
1976	06/23/76	24.1 (850)	--	5.17 (16.97)	--
1977	04/14/77	9.06 (320)	--	4.24 (13.92)	--
1978	08/15/78	11.3 (400)	--	4.45 (14.60)	--

06790800 WEST BRANCH SPRING CREEK NEAR WOLBACH, NE

LOCATION.--Lat. 41°26'01", long 98°26'04", in SW1/4 NE1/4 sec.23, T.17 N., R.10 W., Greeley County, Hydrologic Unit 10210009, at steel truss bridge, 4.3 km (2.7 mi) north of State highway 22 and about 5 km (3 mi) northwest of Wolbach.

DRAINAGE AREA.--95.6 km² (36.9 mi²).

PERIOD OF RECORD.--1951 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 573.02 m (1,880 ft) above sea level. Lowest recording stage is 3.05 m (10.0 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 362 m³/s (12,800 ft³/s) Aug. 12, 1966, gage height, 7.24 m (23.75 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	04/27/51	38.8 (1370)	--	4.45 (14.60)	--
1952	06/27/52	0.06 (2)	--	2.10 (6.90)	--
1953	05/10/53	114 (4040)	--	5.24 (17.20)	--
1954	04/20/54	17.8 (630)	--	4.07 (13.34)	--
1955	04/23/55	3.31 (117)	--	3.18 (10.43)	--
1956	07/04/56	24.9 (880)	--	4.22 (13.83)	--
1957	06/16/57	41.6 (1470)	--	4.49 (14.74)	--
1958	04/05/58	14.7 (520)	--	3.99 (13.10)	--
1959	06/30/59	41.1 (1450)	--	4.47 (14.68)	--
1960	03/27/60	47.6 (1680)	--	4.65 (15.27)	--
1961	05/30/61	19.5 (690)	--	4.14 (13.58)	--
1962	06/16/62	24.1 (850)	--	4.25 (13.93)	--
1963	08/27/63	8.84 (312)	--	3.79 (12.42)	--
1964	09/05/64	73.6 (2600)	--	4.94 (16.21)	--
1965	05/25/65	18.1 (640)	--	4.15 (13.61)	--
1966	08/12/66	362 (12800)	--	7.24 (23.75)	--
1967	06/15/67	54.4 (1920)	--	4.78 (15.67)	--

06790900 MARY'S CREEK AT WOLBACH, NE

LOCATION.--Lat. 41°24'00", long 98°23'40", in NW1/4 SE1/4 sec.31, T.17 N., R.9 W., Greeley County, Hydrologic Unit 10210009, at culvert on county road 0.32 km (0.2 mi) north of center of Wolbach Village.

DRAINAGE AREA.--19.8 km² (7.63 mi²).

PERIOD OF RECORD.--1952 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 560.83 m (1,840.00 ft) above sea level. Lowest recording stage is 3.81 m (12.51 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 133 m³/s (4,700 ft³/s) Aug.12, 1966, gage height, 5.71 m (18.72 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	06/27/52	5.52	(195)	--	--	--	--
1953	07/03/53	4.90	(173)	--	--	--	--
1954	04/20/54	0.85	(30)	2	--	--	--
1955	06/17/55	1.84	(65)	--	--	--	--
1956	07/04/56	2.12	(75)	--	--	--	--
1957	07/15/57	3.12	(110)	--	--	--	--
1958	04/05/58	18.7	(660)	--	--	--	--
1959	05/20/59	3.09	(109)	--	--	--	--
1960	05/05/60	.99	(35)	--	--	--	--
1961	05/30/61	3.29	(116)	--	--	--	--
1962	06/16/62	7.11	(251)	--	--	--	--
1963	09/23/63	3.29	(116)	--	--	--	--
1964	05/25/64	51.3	(1810)	--	--	--	--
1965	05/17/65	28.3	(1000)	--	--	--	--
1966	08/12/66	133	(4700)	--	5.71	(18.72)	--
1967	06/11/67	11.3	(400)	2	5.27	(17.29)	--

06791100 SPRING CREEK NEAR CUSHING, NE

LOCATION.--Lat. 41°17'08", long 98°22'42", in SW1/4 NW1/4 sec.8, T.15 N., R.9 W., Howard County, Hydrologic Unit 10210009, at bridge on county road 1.4 km (0.9 mi) southwest of Cushing and 3.1 km (1.9 mi) upstream from Loup River.

DRAINAGE AREA.--477 km² (184 mi²).

PERIOD OF RECORD.--1948 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 529.74 m (1,738 ft) above sea level. Lowest recording stage is 3.35 m (11.00 ft). A recording gage was operated May 1949 to September 1953 at site one mile upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 991 m³/s (35,000 ft³/s) Aug. 13, 1966, gage height, 9.51 m (31.21 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1948	08/16/48	35.1	(1240)	--	--	--	--
1949	06/27/49	12.7	(448)	--	1.76	(5.79)	--
1950	07/22/50	72.5	(2560)	--	4.57	(15.00)	--
1951	04/27/51	33.1	(1170)	--	2.87	(9.40)	--
1952	06/27/52	7.93	(280)	--	1.50	(4.92)	--
1953	05/10/53	152	(5350)	--	5.93	(19.44)	--
1954	04/20/54	17.1	(604)	--	4.27	(14.00)	--
1955	06/17/55	23.8	(840)	--	4.55	(14.94)	--
1956	07/04/56	51.5	(1820)	--	5.42	(17.79)	--
1957	06/16/57	51.3	(1810)	--	5.41	(17.76)	--
1958	07/10/58	78.2	(2760)	--	6.04	(19.82)	--
1959	06/30/59	24.4	(860)	--	4.58	(15.03)	--
1960	03/27/60	81.3	(2870)	--	6.11	(20.04)	--
1961	05/31/61	34.6	(1220)	--	4.91	(16.11)	--
1962	06/16/62	41.9	(1480)	--	5.16	(16.92)	--
1963	07/10/63	25.3	(895)	--	5.10	(16.73)	--
1964	05/26/64	77.3	(2730)	--	6.36	(20.85)	--
1965	05/18/65	41.9	(1480)	--	5.14	(16.87)	--
1966	08/13/66	991	(35000)	--	9.51	(31.21)	--
1967	06/15/67	63.4	(2240)	--	5.51	(18.08)	--
1968	06/24/68	17.8	(630)	--	3.79	(12.45)	--
1969	06/25/69	71.6	(2530)	--	5.77	(18.93)	--
1970	04/12/70	1.42	(50)	2	--	--	--
1971	06/10/71	6.57	(232)	--	3.77	(12.38)	--
1972	05/23/72	19.8	(700)	--	4.47	(14.67)	--
1973	09/28/73	6.23	(220)	--	3.54	(11.62)	--
1974	06/09/74	2.55	(90)	2	--	--	--
1975	06/08/75	3.40	(120)	--	3.38	(11.10)	--
1976	06/24/76	16.1	(570)	--	4.25	(13.93)	--
1977	04/14/77	9.91	(350)	--	3.96	(12.99)	--
1978	08/15/78	2.55	(90)	2	--	--	--

06791500 CEDAR RIVER NEAR SPALDING, NE

LOCATION.--Lat. 41°42'41", long 98°26'48", in NE1/4 NE1/4 NE1/4 sec.15 T.20 N., R.10 W., Greeley County, Hydrologic Unit 10210010, on left bank 4.6 m (15 ft) downstream from bridge on county road, 0.6 km (0.4 mi) upstream from small tributary, 7.6 km (4.7 mi) northwest of Spalding, and at kilometer 97.0 (mile 60.3).

DRAINAGE AREA.--1,970 km² (762 mi²), approximately, of which about 130 km² (50 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1945-53, 1958 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 577.97 m (1,896.24 ft) above sea level. Prior to Jan. 4, 1961, at two sites, 8 km (5 mi) upstream at different datum.

REMARKS.--Minor irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 113 m³/s (4,000 ft³/s) June 23, 1947, gage height, 2.29 m (7.50 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1945	07/16/45	14.1	(497)	--	1.14	(3.74)	--
1946	06/19/46	8.04	(284)	--	0.92	(3.02)	2
1947	06/23/47	113	(4000)	--	2.29	(7.50)	--
1948	02/16/48	15.7	(554)	--	1.09	(3.56)	--
1949	04/07/49	21.7	(765)	--	1.25	(4.10)	--
1950	07/08/50	37.4	(1320)	--	1.56	(5.12)	--
1951	07/17/51	33.7	(1190)	--	1.55	(5.10)	--
1952	02/16/52	15.3	(539)	--	.98	(3.20)	2
1953	05/02/53	21.2	(749)	--	1.16	(3.80)	--
1958	04/08/58	15.9	(562)	--	1.12	(3.67)	2
1959	04/03/59	9.49	(335)	--	.91	(2.97)	2
1960	05/08/60	28.3	(1000)	--	1.35	(4.42)	--
1961	07/31/61	10.4	(368)	--	1.02	(3.34)	2
1962	06/10/62	29.5	(1040)	--	1.35	(4.43)	--
1963	08/28/63	8.10	(286)	--	1.07	(3.52)	2
1964	06/22/64	20.1	(710)	--	1.43	(4.70)	2
1965	05/24/65	12.9	(454)	--	1.29	(4.24)	2
1966	08/12/66	87.2	(3080)	--	2.12	(6.94)	--
1967	06/14/67	29.5	(1040)	--	1.62	(5.33)	--
1968	06/25/68	10.2	(361)	--	1.22	(4.00)	2
1969	03/28/69	11.0	(387)	--	1.21	(3.96)	2
1970	04/23/70	13.7	(482)	--	1.24	(4.08)	2
1971	06/05/71	11.3	(400)	2	--	--	2
1972	07/21/72	12.6	(446)	--	1.28	(4.19)	2
1973	04/16/73	11.7	(414)	--	1.28	(4.19)	2
1974	10/05/73	8.47	(299)	--	1.18	(3.88)	2
1975	06/21/75	14.0	(495)	--	1.38	(4.54)	2
1976	06/23/76	26.4	(932)	--	1.54	(5.06)	--
1977	05/25/77	18.9	(667)	--	1.52	(4.99)	--
1978	08/15/78	26.1	(920)	--	1.57	(5.16)	2
1979	05/02/79	13.0	(460)	--	1.34	(4.38)	--
1980	04/06/80	19.5	(687)	--	1.47	(4.82)	--

06791500 CEDAR RIVER NEAR SPALDING, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/05/81	32.6	(1150)	--	1.74	(5.70)	--
1982	06/01/82	28.0	(990)	--	1.65	(5.41)	--
1983	04/02/83	34.8	(1230)	--	1.59	(5.23)	--
1984	05/04/84	22.3	(788)	--	1.46	(4.80)	2
1985	05/14/85	26.2	(925)	--	1.54	(5.04)	--
1986	09/22/86	21.9	(774)	--	1.55	(5.10)	--
1987	03/19/87	78.4	(2770)	--	2.03	(6.67)	--
1988	05/07/88	16.0	(564)	--	1.30	(4.25)	2
1989	09/04/89	9.15	(323)	--	1.16	(3.82)	2
1990	06/15/90	31.7	(1120)	--	1.55	(5.08)	--
1991	05/06/91	11.9	(421)	--	1.22	(3.99)	2
1992	08/12/92	14.8	(522)	--	1.32	(4.34)	--
1993	05/12/93	26.7	(942)	--	1.51	(4.96)	--

06791750 CEDAR RIVER AT PRIMROSE, NE

LOCATION.--Lat. 41°37'17", long 98°15'10", in NE1/4 SE1/4 NE 1/4 sec.17, T.19 N., R.8 W., Boone County, Hydrologic Unit 10210010, on right bank at downstream side of highway bridge, 1.21 km (0.75 mi) southwest of Primrose, and 8.0 km (5.0 mi) downstream from Freeman Creek.

DRAINAGE AREA.--2,250 km² (870 mi²), of which about 340 km² (130 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1960 to 1964 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 550.35 m (1,805.61 ft) above sea level. Opersted as crest-stage partial-record station 1966.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 966 m³/s (34,100 ft³/s) Aug. 12, 1966, gage height, 4.13 m (13.55 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 119 m³/s (4,190 ft³/s) June 20, 1960, gage height, 1.38 m (4.53 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1960	06/20/60	119	(4190)	--	1.38	(4.53)	--
1961	06/01/61	57.2	(2020)	--	1.15	(3.78)	--
1962	06/06/62	81.8	(2890)	--	1.25	(4.09)	2
1963	04/27/63	18.7	(660)	--	0.92	(3.02)	2
1964	06/16/64	65.7	(2320)	--	1.24	(4.07)	--
1966	08/12/66	966	(34100)	7	4.13	(13.55)	--

06791800 CEDAR RIVER AT BELGRADE, NE

LOCATION.--Lat. 41°28'26", long 98°04'53", in SE1/4 NE1/4 sec.2, T.17 N., R.7 W., Nance County, Hydrologic Unit 10210010, on downstream side of highway bridge, 1.0 km (0.6 mi) west of Belgrade, 7.2 km (4.5 mi) upstream from Timber Creek, and 0.6 km (0.4 mi) west of the Union Pacific Depot.

DRAINAGE AREA.--2,745 km² (1,060 mi²), of which about 830 km² (320 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1960 to 1966 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 517.19 m (1,696.82 ft) above sea level. Operated as a crest-stage partial-record station in 1966.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 m³/s (55,000 ft³/s) Aug. 13, 1966, gage height, 4.07 m (13.36 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1960	06/20/60	81.6	(2880)	--	1.81	(5.94)	2
1961	05/13/61	74.8	(2640)	--	1.74	(5.70)	--
1962	06/17/62	58.6	(2070)	--	1.54	(5.04)	2
1963	04/28/63	19.9	(702)	--	1.12	(3.67)	2
1964	06/16/64	107	(3780)	--	2.19	(7.18)	--
1965	05/17/65	108	(3820)	--	2.20	(7.22)	--
1966	08/13/66	1560	(55000)	2	4.07	(13.36)	--

06792000 CEDAR RIVER NEAR FULLERTON, NE

LOCATION.--Lat. 41°23'36", long 98°00'15", in NE1/4 NE1/4 sec.4 T.16 N., R.6 W., Nance County, Hydrologic Unit 10210010, on left upstream bank near county bridge, 4.8 km (3 mi) northwest of Fullerton and 11.9 km (7.4 mi) upstream from mouth.

DRAINAGE AREA.--3,160 km² (1,220 mi²), approximately, of which 1,243 km² (480 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1932, 1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 499.38 m (1,638.39 ft) above sea level. Prior to Nov. 5 1942, nonrecording gage; Nov. 5, 1942, to June 23, 1947, water-stage recorder; June 24, 1947, to Apr. 6, 1948, nonrecording gage; Apr. 7, 1948, to Apr. 15, 1971, water-stage recorder, all on downstream side of bridge pier at datum 0.61 m (2.00 ft) higher; Apr. 16, 1971, to Aug. 26, 1980, on downstream side of bridge pier and aug. 26, 1980, to Mar. 5, 1987, on left bank upstream from bridge both at present datum. Mar. 5, 1987 to Apr. 19, 1988, on left bank 122 m (400 ft) downstream from county bridge.

REMARKS.--Natural flow affected by power developments, ground-water and surface-water withdrawals for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge. 1,830 m³/s (64,700 ft³/s) Aug. 13, 1966, gage height, 5.15 m (16.90 ft)

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1932	06/09/32	127	(4500)	2, 7	2.76	(9.05)	--
1941	06/22/41	187	(6600)	--	3.23	(10.60)	--
1942	06/20/42	31.2	(1100)	--	2.07	(6.80)	2
1943	06/15/43	161	(5690)	--	3.03	(9.94)	2
1944	06/13/44	65.7	(2320)	--	2.26	(7.40)	2
1945	05/27/45	52.4	(1850)	--	2.06	(6.77)	2
1946	05/30/46	130	(4580)	--	2.80	(9.19)	--
1947	06/23/47	213	(7510)	--	3.17	(10.40)	--
1948	02/28/48	276	(9760)	--	3.47	(11.40)	--
1949	06/01/49	62.0	(2190)	--	2.24	(7.35)	--
1950	07/19/50	286	(10100)	--	3.55	(11.64)	--
1951	04/27/51	79.3	(2800)	--	2.18	(7.16)	2
1952	08/07/52	55.8	(1970)	--	1.87	(6.12)	2
1953	05/11/53	171	(6050)	--	3.19	(10.45)	--
1954	02/20/54	24.4	(863)	--	1.61	(5.27)	2
1955	07/05/55	59.2	(2090)	--	1.91	(6.27)	2
1956	08/18/56	62.0	(2190)	--	1.96	(6.42)	--
1957	06/16/57	125	(4410)	--	2.76	(9.07)	--
1958	07/21/58	110	(3880)	--	2.41	(7.90)	2
1959	05/31/59	75.0	(2650)	--	2.13	(6.98)	--
1960	03/28/60	122	(4300)	2	4.19	(13.75)	1
1961	05/14/61	76.2	(2690)	--	2.20	(7.21)	--
1962	06/17/62	63.7	(2250)	--	1.98	(6.48)	2
1963	08/28/63	54.7	(1930)	--	1.85	(6.08)	2
1964	05/26/64	184	(6500)	--	3.28	(10.75)	--
1965	06/29/65	125	(4410)	--	2.70	(8.86)	--
1966	08/13/66	1830	(64700)	--	5.15	(16.90)	--
1967	06/15/67	153	(5400)	--	2.70	(8.86)	--
1968	06/18/68	81.6	(2880)	--	1.93	(6.34)	--
1969	06/25/69	297	(10500)	--	3.47	(11.38)	--
1970	04/23/70	30.3	(1070)	--	1.41	(4.63)	--

06792000 CEDAR RIVER NEAR FULLERTON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1971	02/19/71	99.1 (3500)	2	3.37 (11.07)	1
1972	07/21/72	41.3 (1460)	--	1.38 (4.53)	--
1973	05/27/73	26.4 (931)	--	1.23 (4.03)	2
1974	06/06/74	28.6 (1010)	--	1.25 (4.11)	2
1975	06/18/75	32.9 (1160)	--	1.23 (4.04)	2
1976	06/24/76	82.1 (2900)	--	1.77 (5.82)	--
1977	08/31/77	55.5 (1960)	--	1.49 (4.88)	--
1978	03/14/78	266 (9400)	--	3.00 (9.83)	--
1979	03/17/79	58.6 (2070)	--	1.48 (4.85)	--
1980	08/16/80	43.3 (1530)	--	1.36 (4.47)	--
1981	08/05/81	176 (6210)	--	2.75 (9.02)	--
1982	07/10/82	96.0 (3390)	--	2.03 (6.66)	--
1983	02/20/83	65.1 (2300)	--	2.07 (6.79)	1
1984	06/12/84	102 (3590)	--	2.09 (6.85)	--
1985	04/22/85	77.0 (2720)	--	1.78 (5.83)	--
1986	07/01/86	58.6 (2070)	--	1.61 (5.27)	--
1987	03/21/87	140 (4960)	--	2.13 (6.99)	--
1988	05/24/88	17.6 (620)	--	0.98 (3.20)	2
1989	03/10/89	45.3 (1600)	9	1.65 (5.40)	1
1990	06/16/90	130 (4600)	--	2.22 (7.29)	--
1991	05/07/91	12.4 (437)	--	.84 (2.74)	2
1992	08/14/92	37.7 (1330)	--	1.31 (4.31)	--
1993	07/23/93	231 (8160)	--	2.87 (9.43)	--

06793000 LOUP RIVER NEAR GENOA, NE

LOCATION.--Lat. 41°25'05", long 97°43'25", in SW1/4 NE1/4 sec.25 T.17 N., R.4 W., Nance County, Hydrologic Unit 10210009, on right bank 3.7 m (12 ft) downstream from bridge on State Highway 39, 3.2 km (2 mi) south of Genoa, 4.8 km (3 mi) upstream from Beaver Creek, 9.7 km (6 mi) downstream from diversion dam of Loup River Public Power District and at kilometer 43.1 (mile 26.8).

DRAINAGE AREA.--37,100 km² (14,320 mi²), approximately, of which about 14,560 km² (5,620 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1929-32, 1944 to current year (October 1953 to April 1955, monthly discharge only).

GAGE.--Water-stage recorder. Datum of gage is 469.43 m (1,540.13 ft) above sea level. Aug. 17, 1928, to June 30, 1932, nonrecording gage at present site at datum 0.45 m (1.49 ft) higher. Oct. 1, 1943, to Sept. 16, 1974, (Apr. 26 to Dec. 22, 1949, wire-weight gage only), at present site and datum. Sept. 17, 1974, to Nov. 21, 1977, at site 91 m (300 ft) upstream at present datum.

REMARKS.--Natural flow of stream affected by power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas. Records do not include flow of Loup River power canal (station 06792500), which diverts at point 9.7 km (6 mi) upstream and returns to Platte River below mouth of Loup River; diversion began Dec. 2, 1936.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,880 m³/s (129,000 ft³/s) Aug. 13, 1966, gage height, 4.25 m (13.93 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1929	03/12/29	566	(20000)	1	2.17	(7.13)	1
1930	06/04/30	317	(11200)	--	1.43	(4.69)	--
1931	06/21/31	265	(9350)	--	1.49	(4.89)	2
1932	05/31/32	827	(29200)	--	1.86	(6.09)	--
1944	04/24/44	231	(8140)	6	1.72	(5.65)	2
1945	06/10/45	532	(18800)	6	2.10	(6.90)	--
1946	06/18/46	312	(11000)	6	1.88	(6.16)	--
1947	06/23/47	2550	(90000)	6	3.08	(10.12)	--
1948	03/16/48	708	(25000)	2, 6	2.32	(7.61)	1
1949	06/01/49	399	(14100)	6	1.91	(6.28)	--
1950	07/09/50	1110	(39300)	6	2.41	(7.92)	--
1951	05/31/51	265	(9370)	6	1.84	(6.03)	--
1952	03/26/52	306	(10800)	6	2.24	(7.34)	--
1953	05/10/53	453	(16000)	6	2.23	(7.33)	2
1954	06/18/54	323	(11400)	6	2.12	(6.94)	2
1955	03/11/55	177	(6250)	2, 6	1.97	(6.47)	2
1956	11/22/55	303	(10700)	6	2.51	(8.25)	--
1957	06/17/57	739	(26100)	6	2.68	(8.80)	--
1958	07/19/58	309	(10900)	6	2.57	(8.42)	2
1959	12/03/58	155	(5460)	6	2.19	(7.18)	2
1960	03/28/60	1270	(45000)	6	3.41	(11.20)	2
1961	06/15/61	177	(6250)	6	2.50	(8.20)	--
1962	03/26/62	581	(20500)	6	2.90	(9.50)	2
1963	12/20/62	112	(3960)	6	2.22	(7.28)	2
1964	05/26/64	929	(32800)	6	2.97	(9.75)	--
1965	05/26/65	623	(22000)	6	3.08	(10.10)	2

06793000 LOUP RIVER NEAR GENOA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	08/13/66	3650	(129000)	6	4.25	(13.93)	--
1967	06/15/67	1160	(41100)	6	3.25	(10.67)	--
1968	06/25/68	838	(29600)	6	3.10	(10.17)	--
1969	03/19/69	447	(15800)	2, 6	3.29	(10.80)	1
1970	04/13/70	180	(6340)	6	2.08	(6.82)	2
1971	02/20/71	535	(18900)	2, 6	3.07	(10.07)	2
1972	07/27/72	346	(12200)	6	2.51	(8.22)	2
1973	05/28/73	283	(10000)	6	2.42	(7.94)	2
1974	06/10/74	283	(10000)	6	2.43	(7.96)	2
1975	06/22/75	199	(7020)	6	2.49	(8.16)	2
1976	06/25/76	255	(8990)	6	2.47	(8.09)	2
1977	05/22/77	239	(8440)	6	2.32	(7.60)	2
1978	03/18/78	1060	(37500)	2, 6	3.69	(12.12)	1
1979	03/22/79	348	(12300)	6	2.50	(8.20)	2
1980	12/22/79	208	(7330)	6, 9	2.29	(7.50)	2
1981	08/05/81	623	(22000)	6	3.05	(10.00)	2
1982	05/30/82	535	(18900)	6	2.71	(8.89)	2
1983	06/29/83	317	(11200)	6	2.42	(7.95)	2
1984	06/13/84	1270	(44700)	6	3.24	(10.62)	--
1985	09/14/85	343	(12100)	6	2.33	(7.66)	2
1986	02/27/86	297	(10500)	6	2.16	(7.08)	2
1987	03/18/87	507	(17900)	6	2.59	(8.50)	--
1988	02/27/88	300	(10600)	6	2.60	(8.54)	1, 2
1989	03/10/89	329	(11600)	6, 9	2.87	(9.40)	1
1990	06/17/90	620	(21900)	6	2.78	(9.11)	--
1991	06/02/91	172	(6080)	6	2.09	(6.86)	2
1992	08/05/92	357	(12600)	6	2.35	(7.71)	2
1993	07/24/93	1060	(37400)	6	3.36	(11.01)	2

***06793500 BEAVER CREEK AT LORETTO, NE**

LOCATION.--Lat. 41°45'50", long 98°04'50", in NE1/4 SE1/4 sec.26, T.21 N., R.7 W., Boone County, Hydrologic Unit 10210009, on left bank 1.5 m (5 ft) downstream from bridge on county road, at west edge of Loretto, and at kilometer 99.1 (mile 61.6).

DRAINAGE AREA.--805 km² (311 mi²), of which about 209 km² (80.8 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1945-53, 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 544.36 m (1,785.95 ft) above sea level. Prior to May 15, 1945, staff gage at bridge 7.6 m (25 ft) upstream, May 15 1945, to Aug. 16, 1946, water-stage recorder at site 26 m (85 ft) upstream, Aug. 17, 1946, to Sept. 30, 1953 at site 0.15 m (.5 ft) downstream, all at present datum.

REMARKS.--There are diversions for irrigation above station during the summer period.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 159 m³/s (5,600 ft³/s) Aug. 29, 1993, gage height, 3.62 m (11.88 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1945	06/06/45	37.7	(1330)	--	2.78	(9.12)	--
1946	05/30/46	15.2	(536)	--	2.48	(8.15)	--
1947	06/12/47	47.6	(1680)	--	3.01	(9.87)	--
1948	02/28/48	45.9	(1620)	--	2.99	(9.81)	--
1949	03/08/49	15.4	(544)	--	2.55	(8.35)	--
1950	06/02/50	129	(4570)	--	3.58	(11.74)	--
1951	07/18/51	49.6	(1750)	--	3.05	(10.01)	--
1952	05/26/52	15.6	(551)	--	2.44	(8.00)	--
1953	05/10/53	42.2	(1490)	--	2.94	(9.66)	--
1980	05/27/80	19.7	(695)	--	1.98	(6.50)	--
1981	06/14/81	7.05	(249)	--	1.23	(4.02)	--
1982	07/05/82	65.1	(2300)	--	2.91	(9.56)	--
1983	04/02/83	21.6	(763)	--	2.05	(6.72)	--
1984	05/07/84	22.9	(807)	--	2.07	(6.79)	--
1985	04/26/85	58.6	(2070)	--	2.71	(8.88)	--
1986	09/22/86	27.2	(962)	--	2.26	(7.42)	--
1987	03/19/87	45.3	(1600)	--	2.87	(9.42)	--
1988	05/24/88	7.70	(272)	--	1.33	(4.36)	2
1989	09/04/89	16.2	(571)	--	1.76	(5.78)	--
1990	06/16/90	21.6	(764)	--	2.04	(6.69)	--
1991	05/16/91	45.6	(1610)	--	2.91	(9.54)	--
1992	08/14/92	8.30	(293)	--	1.24	(4.07)	--
1993	08/29/93	159	(5600)	--	3.62	(11.88)	--

06793995 SKEEDEE CREEK TRIBUTARY NEAR GENOA, NE

LOCATION.--Lat. 41°29'46", long 97°52'23", in NE1/4 NE1/4 sec.34, T.18 N., R.5 W., Nance County, Hydrologic Unit 10210009, on county bridge 8 km (5 mi) south of St. Edward, Boone County, and 11.7 km (7.25 mi) west and 5.23 km (3.25 mi) north of the intersection of Nebraska Highways 22 and 39 in Genoa.

DRAINAGE AREA.--1.53 km² (0.59 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 530.35 m (1,740 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 27.9 m³/s (985 ft³/s) May 25, 1964, gage height, 4.95 m (16.23 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 13.7 m³/s (485 ft³/s) Mar. 18, 1969, gage height, 4.50 m (14.75 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1964	05/25/64	27.9	(985)	7	4.95	(16.23)	--
1968	06/24/68	1.56	(55)	--	3.69	(12.12)	--
1969	03/18/69	13.7	(485)	--	4.50	(14.75)	--
1970	08/02/70	2.12	(75)	--	3.82	(12.53)	--
1971	06/04/71	4.96	(175)	--	4.13	(13.54)	--
1972	09/11/72	2.63	(93)	--	3.91	(12.82)	--
1973	05/26/73	4.81	(170)	--	4.12	(13.52)	--
1974	06/09/74	0.03	(1)	2	--	--	4
1975	06/18/75	3.34	(118)	--	4.01	(13.15)	--
1976	06/24/76	5.95	(210)	--	4.18	(13.72)	--
1977	08/09/77	5.38	(190)	--	4.15	(13.62)	--
1978	07/22/78	5.66	(200)	--	4.16	(13.65)	--

06794000 BEAVER CREEK AT GENOA, NE

LOCATION.--Lat. 41°26'32", long 97°44'11", in NE1/4 SE1/4 sec.14 T.17 N., R.4 W., Nance County, Hydrologic Unit 10210009, on left bank in city park at southwest corner of Genoa, 0.3 km (0.2 mi) downstream from Union Pacific Railroad bridge, 0.3 km (0.2 mi) upstream from bridge on State Highway 39, and 6.4 km (4.0 mi) upstream from mouth.

DRAINAGE AREA.--4,338 km² (677 mi²), of which about 1,111 km² (429 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year.

GAGE.--Water-stage recorder. Datum of gage is 470.04 m (1,542.13 ft) above sea level. October 1940 to Nov. 5, 1942, nonrecording gage and Nov. 1, 1955, water-stage recorder, at site 0.6 km (0.4 mi) upstream at datum 1.4 m (4.62 ft) higher.

REMARKS.--Natural flow affected slightly by ground-water and surface-water withdrawals for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 600 m³/s (21,200 ft³/s) July 19, 1950, gage height, 5.70 m (18.70 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	09/03/41	33.7	(1190)	--	1.90	(6.24)	2
1942	06/21/42	163	(5750)	--	4.72	(15.50)	--
1943	06/15/43	77.3	(2730)	--	3.64	(11.95)	--
1944	05/13/44	84.1	(2970)	--	3.82	(12.54)	--
1945	06/09/45	31.7	(1120)	--	1.93	(6.32)	--
1946	05/30/46	53.0	(1870)	--	2.72	(8.92)	--
1947	06/22/47	68.3	(2410)	--	3.41	(11.20)	--
1948	02/28/48	105	(3700)	--	4.17	(13.67)	--
1949	06/02/49	96.3	(3400)	--	4.02	(13.20)	--
1950	07/19/50	600	(21200)	--	5.70	(18.70)	--
1951	03/24/51	44.7	(1580)	--	2.10	(6.90)	--
1952	08/25/52	22.4	(792)	--	1.37	(4.48)	--
1953	05/11/53	39.6	(1400)	--	1.87	(6.15)	--
1954	06/15/54	73.9	(2610)	--	3.02	(9.90)	--
1955	07/05/55	54.1	(1910)	--	2.45	(8.03)	--
1956	05/30/56	24.5	(865)	--	1.98	(6.48)	--
1957	06/16/57	116	(4100)	--	4.60	(15.10)	--
1958	07/24/58	73.6	(2600)	--	3.37	(11.05)	--
1959	05/31/59	36.8	(1300)	--	2.37	(7.79)	--
1960	06/21/60	105	(3700)	--	4.05	(13.29)	--
1961	05/15/61	16.4	(579)	--	1.76	(5.78)	--
1962	03/28/62	45.3	(1600)	--	2.60	(8.54)	--
1963	02/07/63	42.5	(1500)	--	2.61	(8.56)	1
1964	05/26/64	524	(18500)	--	6.32	(20.75)	--
1965	06/29/65	113	(4000)	--	3.97	(13.01)	--
1966	08/13/66	402	(14200)	--	5.91	(19.39)	--
1967	06/16/67	131	(4620)	--	4.23	(13.89)	--
1968	06/30/68	16.7	(588)	--	1.59	(5.23)	2
1969	06/26/69	263	(9270)	--	5.25	(17.22)	--
1970	01/27/70	25.5	(900)	2	2.15	(7.05)	1
1971	02/20/71	170	(6000)	2	4.74	(15.56)	1
1972	05/24/72	49.0	(1730)	--	2.62	(8.59)	--
1973	05/26/73	63.2	(2230)	--	3.01	(9.87)	2
1974	06/06/74	20.1	(710)	--	1.76	(5.78)	2
1975	06/21/75	45.3	(1600)	--	2.54	(8.34)	--

06794000 BEAVER CREEK AT GENOA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1976	06/24/76	47.9 (1690)	--	2.76 (9.04)	--
1977	05/22/77	27.5 (972)	--	2.23 (7.32)	--
1978	03/16/78	74.2 (2620)	--	3.26 (10.71)	2
1979	05/10/79	43.6 (1540)	--	2.58 (8.47)	2
1980	08/16/80	67.4 (2380)	--	3.15 (10.34)	--
1981	08/05/81	67.7 (2390)	--	3.75 (12.30)	--
1982	07/15/82	142 (5000)	--	4.56 (14.97)	--
1983	06/18/83	96.6 (3410)	--	4.09 (13.43)	--
1984	06/12/84	128 (4520)	--	4.40 (14.44)	--
1985	04/27/85	34.8 (1230)	--	2.67 (8.76)	--
1986	06/30/86	62.0 (2190)	--	3.29 (10.81)	--
1987	03/24/87	51.0 (1800)	--	3.08 (10.10)	--
1988	05/25/88	10.4 (367)	--	1.84 (6.04)	2
1989	03/10/89	91.5 (3230)	--	3.82 (12.52)	--
1990	06/17/90	300 (10600)	--	5.35 (17.54)	--
1991	05/16/91	69.4 (2450)	--	3.44 (11.27)	--
1992	08/14/92	43.6 (1540)	--	2.90 (9.50)	--
1993	08/31/93	187 (6620)	--	4.92 (16.13)	--

06794500 LOUP RIVER AT COLUMBUS, NE

LOCATION.--Lat. 41°24'59", long 97°21'23", in NW1/4 SE1/4 sec.30, T.17 N., R.1 E., Platte County, Hydrologic Unit 10210009, on left bank 1.0 km (0.6 mi) downstream from bridge on U.S. Highway 30 at Columbus, 3.7 km (2.3 mi) upstream from mouth, and 22.5 km (14 mi) downstream from Looking-glass Creek.

DRAINAGE AREA.--39,370 km² (15,200 mi²), of which about 16,140 km² (6,230 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1895-15, 1933 to 1978 (discontinued). Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 435.34 m (1,428.29 ft) above sea level. See WSP 2118 for history of changes prior to June 15, 1967. June 15, 1967 to Aug. 6, 1976, at site 0.6 km (0.4 mi) upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,370 m³/s (119,000 ft³/s) Aug. 14, 1966, gage height, 4.40 m (14.42 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1895	06/03/95	575	(20300)	--	--	--	--
1896	06/06/96	1980	(70000)	--	--	--	--
1897	07/01/97	799	(28200)	--	--	--	--
1898	10/28/97	510	(18000)	--	--	--	--
1899	06/28/99	346	(12200)	--	--	--	--
1900	06/17/00	442	(15600)	--	--	--	--
1901	06/16/01	399	(14100)	--	--	--	--
1902	07/03/02	430	(15200)	--	--	--	--
1903	08/27/03	566	(20000)	--	--	--	--
1904	06/10/04	566	(20000)	--	--	--	--
1905	05/14/05	1420	(50000)	2	--	--	--
1906	05/01/06	963	(34000)	--	--	--	--
1907	08/07/07	453	(16000)	--	--	--	--
1908	06/05/08	753	(26600)	--	--	--	--
1909	07/06/09	578	(20400)	--	--	--	--
1910	08/18/10	173	(6100)	--	--	--	--
1911	05/14/11	377	(13300)	--	--	--	--
1913	05/03/13	312	(11000)	--	--	--	--
1914	06/13/14	623	(22000)	2	--	--	--
1915	06/04/15	708	(25000)	2	--	--	--
1933	07/08/33	122	(4300)	2	--	--	--
1934	08/14/34	272	(9620)	--	--	--	--
1935	04/26/35	1180	(41500)	--	--	--	--
1936	03/05/36	1130	(40000)	2	--	--	1
1937	07/13/37	603	(21300)	6	--	--	--
1938	09/13/38	462	(16300)	6	--	--	--
1939	05/22/39	346	(12200)	6	--	--	--
1940	06/07/40	538	(19000)	6	--	--	--
1941	06/22/41	408	(14400)	6	--	--	--
1942	09/03/42	728	(25700)	6	--	--	--
1943	06/15/43	957	(33800)	6	--	--	--
1944	04/24/44	259	(9160)	6	--	--	2
1945	06/10/45	555	(19600)	6	--	--	--

06794500 LOUP RIVER AT COLUMBUS, NE—Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	06/19/46	351	(12400)	6	--	--	--
1947	06/23/47	2410	(85000)	6	--	--	--
1948	02/29/48	915	(32300)	6	--	--	--
1949	06/02/49	348	(12300)	6	--	--	--
1950	07/10/50	1190	(42100)	6	--	--	--
1951	05/31/51	326	(11500)	6	--	--	--
1952	03/26/52	221	(7790)	6	--	--	--
1953	05/11/53	515	(18200)	6	--	--	--
1954	06/18/54	561	(19800)	6	--	--	2
1955	03/11/55	348	(12300)	6	--	--	--
1956	11/22/55	212	(7500)	6	--	--	2
1957	06/17/57	736	(26000)	6	--	--	--
1958	07/25/58	346	(12200)	6	--	--	2
1959	12/03/58	144	(5100)	6	--	--	2
1960	03/28/60	1470	(52000)	6	--	--	--
1961	06/15/61	224	(7910)	6	--	--	2
1962	03/26/62	544	(19200)	6	--	--	--
1963	12/21/62	115	(4070)	6	--	--	2
1964	05/26/64	799	(28200)	6	--	--	--
1965	05/26/65	657	(23200)	6	--	--	--
1966	08/14/66	3370	(119000)	6	4.40	(14.42)	--
1967	06/16/67	1400	(49600)	6	3.16	(10.37)	--
1968	06/26/68	700	(24700)	6	2.29	(7.52)	--
1969	03/20/69	510	(18000)	2, 6	3.28	(10.75)	2
1970	11/20/69	120	(4220)	6	1.41	(4.62)	2
1971	02/20/71	396	(14000)	2, 6	2.83	(9.30)	1
1972	07/27/72	510	(18000)	6	2.44	(7.99)	--
1973	05/28/73	210	(7400)	6	1.83	(6.00)	2
1974	06/10/74	229	(8100)	6	1.87	(6.14)	2
1975	06/22/75	286	(10100)	6	1.98	(6.51)	2
1976	05/23/76	229	(8100)	6	1.87	(6.14)	2
1977	05/22/77	181	(6400)	6	1.42	(4.65)	2
1978	03/19/78	1130	(40000)	2, 6	--	--	1

06794710 BONE CREEK NEAR DAVID CITY, NE

LOCATION.--Lat. 41°16'42", long 97°02'51", in SW1/4 SE1/4 sec.11, T.15 N., R.3 E., Butler County, Hydrologic Unit 10200201, on bridge on State Highway Spur 12B, 1.6 km (1 mi) north and 6.9 km (4.3 mi) east of David City.

DRAINAGE AREA.--22.66 km² (8.75 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 455.19 m (1,493.40 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). A miscellaneous indirect measurement had been made for the flood of June 24, 1963.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 592 m³/s (20,900 ft³/s) June 24, 1963, gage height, 5.98 m (19.61 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 46.7 m³/s (1,650 ft³/s) June 22, 1978, gage height, 4.93 m (16.16 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1963	06/24/63	592 (20900)	7	5.98 (19.61)	--
1968	06/24/68	6.09 (215)	--	3.67 (12.04)	--
1969	03/18/69	10.4 (368)	--	3.99 (13.08)	--
1970	08/02/70	2.83 (100)	--	3.30 (10.83)	--
1971	05/10/71	21.4 (754)	--	4.49 (14.73)	--
1972	09/20/72	27.5 (970)	--	4.64 (15.21)	--
1973	07/21/73	8.64 (305)	--	3.86 (12.67)	--
1974	05/21/74	28.3 (1000)	--	4.66 (15.28)	--
1975	06/18/75	10.3 (363)	--	4.02 (13.19)	--
1976	05/22/76	0.28 (10)	2	-- --	4
1977	08/09/77	25.8 (910)	--	4.61 (15.11)	--
1978	06/22/78	46.7 (1650)	--	4.93 (16.16)	--

06795000 SHELL CREEK AT NEWMAN GROVE, NE

LOCATION.--Lat. 41°44'30", long 97°45'00", in NW1/4 NW1/4 sec.2, T.20 N., R.4 W., Madison County, Hydrologic Unit 10200201, at bridge on county road, 1.6 km (1.0 mi) east of Newman Grove and 8.0 km (5.0 mi) downstream from North Branch.

DRAINAGE AREA.--316 km² (122 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 510.50 m (1,674.87 ft) above sea level. Operated as crest-stage partial-record station 1969.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 227 m³/s (8,000 ft³/s) June 25, 1969, gage height, 6.21 m (20.37 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 411 m³/s (14,500 ft³/s) Aug.12, 1966, gage height, 6.46 m (21.20 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/18/50	340	(12000)	--	6.16	(20.20)	--
1951	07/18/51	83.3	(2940)	--	5.23	(17.16)	--
1952	06/27/52	121	(4280)	--	5.38	(17.65)	--
1953	05/10/53	55.2	(1950)	--	5.04	(16.55)	--
1954	06/02/54	2.46	(87)	--	1.71	(5.60)	2
1955	06/24/55	15.1	(532)	--	3.26	(10.70)	--
1956	08/18/56	20.8	(734)	--	3.67	(12.04)	--
1957	06/16/57	18.0	(636)	--	3.90	(12.78)	--
1958	04/05/58	17.2	(607)	--	3.74	(12.26)	--
1959	05/31/59	30.6	(1080)	--	4.33	(14.20)	--
1960	06/20/60	136	(4800)	--	5.91	(19.40)	--
1961	08/10/61	23.2	(820)	--	4.02	(13.20)	--
1962	06/07/62	61.5	(2170)	--	5.31	(17.43)	--
1963	02/06/63	8.92	(315)	2	3.90	(12.78)	1
1964	06/22/64	98.0	(3460)	--	5.68	(18.64)	--
1965	05/26/65	35.4	(1250)	--	4.66	(15.30)	--
1966	08/12/66	411	(14500)	--	6.46	(21.20)	--
1967	06/15/67	283	(10000)	2	--	--	--
1969	06/25/69	227	(8000)	7	6.21	(20.37)	--

06795500 SHELL CREEK NEAR COLUMBUS, NE

LOCATION.--Lat. 41°31'33", long 97°16'55", in NE1/4 NW1/4 sec.23 T.18 N., R.1 E., Platte County, Hydrologic Unit 10200201, on right bank 24 m (80 ft) upstream from county road bridge, 1.6 km (1 mi) upstream from Loseke Creek, 11 km (7 mi) northeast of Columbus, and at kilometer 51.8 (mile 32.2).

DRAINAGE AREA.--761 km² (294 mi²), approximately.

PERIOD OF RECORD.--1947-75, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 437.39 m (1,435 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 227 m³/s (8,000 ft³/s) June 17, 1990, gage height. 6.94 m (22.76 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/02/47	130	(4600)	--	6.61	(21.70)	--
1948	03/01/48	70.2	(2480)	--	5.88	(19.28)	2
1949	06/02/49	108	(3800)	--	6.46	(21.20)	--
1950	06/03/50	169	(5970)	--	6.52	(21.38)	--
1951	08/21/51	36.8	(1300)	--	4.23	(13.89)	--
1952	07/15/52	18.5	(654)	--	2.61	(8.56)	2
1953	05/12/53	28.6	(1010)	--	3.44	(11.29)	--
1954	06/16/54	16.7	(590)	--	2.43	(7.98)	--
1955	06/25/55	29.5	(1040)	--	3.50	(11.47)	--
1956	05/30/56	23.8	(840)	--	3.27	(10.73)	--
1957	06/17/57	48.1	(1700)	--	5.55	(18.21)	1
1958	04/06/58	20.4	(720)	--	3.02	(9.90)	--
1959	08/02/59	51.0	(1800)	--	4.88	(16.02)	--
1960	06/22/60	61.7	(2180)	--	5.46	(17.90)	2
1961	08/19/61	9.63	(340)	--	2.05	(6.72)	--
1962	03/25/62	79.9	(2820)	--	6.45	(21.15)	1
1963	06/24/63	57.5	(2030)	--	5.22	(17.13)	--
1964	06/17/64	53.8	(1900)	--	5.03	(16.50)	--
1965	05/27/65	74.2	(2620)	--	5.68	(18.65)	--
1966	02/09/66	56.6	(2000)	2	5.62	(18.45)	1
1967	06/14/67	82.1	(2900)	--	6.27	(20.57)	--
1968	06/30/68	8.89	(314)	--	1.90	(6.23)	--
1969	06/27/69	69.7	(2460)	--	6.14	(20.13)	--
1970	01/28/70	17.0	(600)	2	3.04	(9.96)	1
1971	02/20/71	102	(3600)	2	6.75	(22.15)	1
1972	09/12/72	35.7	(1260)	--	4.04	(13.26)	--
1973	05/27/73	96.0	(3390)	--	6.35	(20.82)	--
1974	06/11/74	5.83	(206)	--	1.76	(5.77)	2
1975	06/19/75	31.2	(1100)	--	4.02	(13.20)	--
1978	03/15/78	39.1	(1380)	2	4.99	(16.38)	1
1979	03/23/79	20.8	(734)	--	3.55	(11.64)	--
1980	08/17/80	11.0	(389)	--	2.54	(8.34)	--

06795500 SHELL CREEK NEAR COLUMBUS, NE

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1981	08/05/81	47.0 (1660)	--	4.62 (15.17)	--
1982	05/20/82	141 (4970)	--	6.74 (22.11)	1
1983	06/14/83	41.3 (1460)	--	4.18 (13.71)	--
1984	06/16/84	64.6 (2280)	--	5.11 (16.78)	--
1985	04/27/85	44.7 (1580)	--	4.51 (14.81)	--
1986	06/30/86	53.8 (1900)	--	5.07 (16.62)	--
1987	03/24/87	52.4 (1850)	--	4.52 (14.83)	--
1988	07/20/88	22.7 (802)	--	2.71 (8.88)	--
1989	09/04/89	92.3 (3260)	--	5.86 (19.23)	--
1990	06/17/90	227 (8000)	--	6.94 (22.76)	--
1991	06/05/91	41.9 (1480)	--	5.09 (16.70)	--
1992	05/17/92	18.3 (645)	--	3.43 (11.25)	--
1993	03/09/93	102 (3600)	--	6.56 (21.53)	2

06796000 PLATTE RIVER AT NORTH BEND, NE

LOCATION.--Lat. 41°27'10", long 96°45'50", in SE1/4 sec.7 T.17 N., R.6 E., Dodge County, Hydrologic Unit 10200201, on left bank 24 m (80 ft) upstream from bridge on State Highway 79, 1.6 km (1 mi) south of North Bend, 8 km (5 mi) downstream from Shell Creek, and at kilometer 117 (mile 73.0).

DRAINAGE AREA.--182,400 km² (70,433 mi²), approximately, of which about 149,700 km² (57,800 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1949 to current year.

GAGE.--Water-stage recorder. Datum of gage is 384.76 m (1,262.32 ft) above sea level. Prior to Sept. 12, 1951, nonrecording gage and Sept. 12, 1951, to Sept. 30, 1970, water-stage recorder, at present site at datum 0.61 m (2.00 ft) higher.

REMARKS.--Natural flow of stream affected by transmountain diversions, storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigate areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,170 m³/s (112,000 ft³/s) Mar. 29, 1960, gage height, 3.06 m (10.04 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1949	06/02/49	595	(21000)	6	2.15	(7.05)	--
1950	07/12/50	708	(25000)	6	2.23	(7.30)	2
1951	05/31/51	872	(30800)	6	2.33	(7.65)	2
1952	03/28/52	510	(18000)	6	2.03	(6.65)	2
1953	05/11/53	592	(20900)	6	2.15	(7.05)	2
1954	06/18/54	646	(22800)	6	2.23	(7.33)	--
1955	03/10/55	360	(12700)	6	2.33	(7.65)	2
1956	03/19/56	198	(7000)	6	--	--	--
1957	06/17/57	1250	(44200)	6	2.46	(8.06)	--
1958	02/26/58	824	(29100)	6	2.31	(7.59)	2
1959	08/02/59	615	(21700)	6	2.15	(7.04)	2
1960	03/29/60	3170	(112000)	6	3.06	(10.04)	1
1961	05/23/61	445	(15700)	6	1.83	(6.02)	2
1962	03/26/62	1100	(39000)	6	2.37	(7.78)	2
1963	06/24/63	1060	(37300)	6	2.37	(7.78)	2
1964	06/17/64	855	(30200)	6	2.24	(7.35)	--
1965	06/29/65	1010	(35800)	6	2.39	(7.84)	--
1966	08/14/66	2050	(72500)	6	2.75	(9.01)	--
1967	06/16/67	2130	(75200)	6	2.91	(9.56)	--
1968	06/25/68	827	(29200)	6	2.29	(7.52)	--
1969	03/22/69	1190	(42100)	6	2.51	(8.23)	--
1970	02/25/70	340	(12000)	6	1.81	(5.94)	2
1971	03/11/71	793	(28000)	2, 6	2.52	(8.27)	2
1972	05/24/72	357	(12600)	6	1.85	(6.08)	2
1973	05/28/73	1030	(36300)	6	2.47	(8.12)	--
1974	02/17/74	595	(21000)	2,6	2.62	(8.60)	1
1975	06/24/75	467	(16500)	6	2.05	(6.72)	--
1976	02/15/76	425	(15000)	2,6	--	--	1
1977	09/04/77	504	(17800)	6	1.99	(6.53)	2
1978	03/19/78	2270	(80000)	2,6	4.74	(15.55)	1
1979	03/23/79	705	(24900)	6	2.16	(7.09)	2
1980	06/06/80	615	(21700)	6	2.12	(6.95)	2

06796000 PLATTE RIVER AT NORTH BEND, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/06/81	850	(30000)	6	2.27	(7.44)	--
1982	05/31/82	750	(26500)	6	2.22	(7.27)	2
1983	03/31/83	1690	(59500)	6	2.73	(8.97)	2
1984	06/13/84	1850	(65200)	6	2.78	(9.13)	--
1985	05/16/85	705	(24900)	6	2.11	(6.92)	2
1986	02/27/86	586	(20700)	6	2.17	(7.12)	2
1987	03/24/87	1530	(54000)	6	2.49	(8.17)	--
1988	02/27/88	595	(21000)	6	2.24	(7.35)	1, 2
1989	03/13/89	903	(31900)	6	2.25	(7.38)	2
1990	06/17/90	1060	(37300)	6	2.35	(7.71)	--
1991	06/03/91	612	(21600)	6	2.05	(6.73)	2
1992	08/06/92	450	(15900)	6	1.82	(5.97)	2
1993	03/10/93	2770	(97800)	6	2.96	(9.71)	2

***06796973 ELKHORN RIVER NEAR ATKINSON, NE**

LOCATION.--Lat. 42°29'12", long 98°54'42", in SW1/4 NW1/4 sec.13, T.29 N., R.14 W., Holt County, Hydrologic Unit 10220001, on left bank 3 m (10 ft) downstream from county road bridge, 6.1 km (4.0 mi) southeast of Atkinson, and at kilometer 406 (mile 252).

DRAINAGE AREA.--1,520 km² (586 mi²).

PERIOD OF RECORD.--1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 622.40 m (2,042 ft) above sea level (from topographic map).

REMARKS.--Minor diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70.8 m³/s (2,500 ft³/s) Apr. 8, 1984, gage height, 2.56 m (8.41 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1983	03/31/83	60.0 (2120)	--	2.44 (8.02)	--
1984	04/08/84	70.8 (2500)	--	2.56 (8.41)	--
1985	05/16/85	12.3 (435)	--	1.76 (5.76)	--
1986	09/18/86	43.9 (1550)	--	2.41 (7.90)	--
1987	04/01/87	66.6 (2350)	--	2.51 (8.24)	--
1988	05/05/88	18.1 (640)	--	1.91 (6.25)	--
1989	03/11/89	2.55 (90)	--	1.01 (3.31)	2
1990	08/23/90	2.41 (85)	--	0.99 (3.26)	--
1991	05/19/91	26.6 (940)	--	2.02 (6.63)	--
1992	08/28/92	18.5 (653)	--	1.84 (6.04)	--
1993	07/14/93	56.4 (1990)	--	2.58 (8.46)	--

06796978 HOLT CREEK NEAR EMMET, NE

LOCATION.--Lat. 42°25'19", long 98°51'46", in SE1/4 SW1/4 sec.5, T.28 N., R.13 W., Holt County, Hydrologic Unit 10220001, on left bank 3.7 m (12 ft) downstream from bridge on county road, 6 km (4 mi) southwest of Emmet.

PERIOD OF RECORD.--1978 to 1989 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 630.97 m (2,070.12 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26.8 m³/s (948 ft³/s) Mar. 19, 1987, gage height, 2.08 m (6.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1979	03/23/79	5.72	(202)	--	1.45	(4.76)	2
1980	04/04/80	13.8	(489)	--	1.89	(6.20)	--
1981	06/14/81	1.76	(62)	--	0.91	(2.98)	2
1982	05/29/82	15.9	(562)	--	2.10	(6.90)	2
1983	03/31/83	13.4	(474)	--	1.82	(5.96)	2
1984	04/08/84	13.3	(468)	--	1.87	(6.15)	--
1985	05/15/85	6.68	(236)	--	1.43	(4.69)	--
1986	09/19/86	18.6	(657)	--	2.02	(6.64)	--
1987	03/19/87	26.8	(948)	--	2.08	(6.83)	--
1988	05/04/88	7.19	(254)	--	1.65	(5.42)	2
1989	06/29/89	1.22	(43)	--	1.16	(3.82)	2

06797500 ELKHORN RIVER AT EWING, NE

LOCATION.--Lat. 42°16'03", long 98°20'11", in NW1/4 SW1/4 sec.35 T.27 N., R.9 W., Holt County, Hydrologic Unit 10220001, on right bank 244 m (800 ft) downstream from bridge on State Highway L-45B, 1.3 km (0.8 mi) north of Ewing, 2.4 km (1.5 mi) upstream from South Fork Elkhorn River, and at kilometer 320 (mile 199).

DRAINAGE AREA.--3,600 km² (1,400 mi²), approximately, of which about 1,900 km² (740 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 559.69 m (1,836.24 ft) above sea level,(levels by Nebraska Department of Roads). Prior to Oct. 22, 1952, at site 91 m (300 ft) upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 212 m³/s (7,500 ft³/s) June 10, 1962, gage height, 3.23 m (10.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/23/47	187	(6600)	--	3.45	(11.32)	--
1948	06/29/48	5.47	(193)	--	0.84	(2.76)	2
1949	04/07/49	206	(7280)	--	3.27	(10.74)	--
1950	04/02/50	51.3	(1810)	--	2.43	(7.97)	--
1951	05/18/51	169	(5970)	--	3.25	(10.65)	--
1952	03/31/52	84.7	(2990)	--	2.72	(8.94)	2
1953	05/05/53	78.2	(2760)	--	2.84	(9.32)	--
1954	05/07/54	23.8	(842)	--	1.81	(5.95)	--
1955	06/24/55	12.5	(442)	--	1.48	(4.87)	--
1956	04/07/56	7.14	(252)	--	1.34	(4.38)	2
1957	05/21/57	33.4	(1180)	--	2.21	(7.25)	--
1958	04/09/58	39.6	(1400)	--	2.33	(7.66)	--
1959	03/30/59	16.8	(593)	--	1.65	(5.40)	2
1960	03/29/60	182	(6440)	--	3.25	(10.66)	2
1961	03/20/61	16.2	(571)	--	1.61	(5.27)	--
1962	06/10/62	212	(7500)	--	3.23	(10.60)	--
1963	03/24/63	13.0	(458)	--	1.24	(4.06)	--
1964	05/01/64	30.6	(1080)	--	1.83	(6.01)	--
1965	06/13/65	45.0	(1590)	--	2.16	(7.08)	--
1966	03/30/66	19.1	(673)	--	1.54	(5.05)	--
1967	06/17/67	36.8	(1300)	--	2.06	(6.75)	--
1968	04/26/68	12.7	(449)	--	1.41	(4.64)	--
1969	03/29/69	58.1	(2050)	--	2.16	(7.10)	--
1970	04/21/70	53.0	(1870)	--	2.11	(6.92)	--
1971	05/24/71	31.2	(1100)	--	1.80	(5.91)	--
1972	05/16/72	75.9	(2680)	--	2.44	(8.02)	--
1973	06/02/73	39.4	(1390)	--	2.01	(6.59)	--
1974	03/05/74	8.07	(285)	--	1.26	(4.15)	2
1975	04/09/75	9.18	(324)	--	1.30	(4.25)	--
1976	03/21/76	21.2	(750)	--	1.66	(5.45)	--
1977	06/26/77	40.5	(1430)	--	2.17	(7.13)	--
1978	03/21/78	66.3	(2340)	--	2.44	(7.99)	--
1979	03/17/79	29.5	(1040)	--	2.13	(7.00)	1
1980	04/06/80	60.6	(2140)	--	2.39	(7.85)	--

06797500 ELKHORN RIVER AT EWING, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1981	02/20/81	3.68 (130)	--	1.22 (4.00)	2
1982	06/01/82	98.3 (3470)	--	2.73 (8.97)	--
1983	04/02/83	104 (3670)	--	2.84 (9.31)	--
1984	04/09/84	136 (4790)	--	2.97 (9.75)	--
1985	05/14/85	26.3 (930)	--	1.84 (6.03)	--
1986	09/23/86	71.4 (2520)	--	2.57 (8.42)	--
1987	03/20/87	191 (6750)	--	3.14 (10.31)	--
1988	05/07/88	30.6 (1080)	--	1.81 (5.95)	--
1989	03/18/89	8.21 (290)	9	1.34 (4.41)	1
1990	08/23/90	7.16 (253)	--	1.25 (4.11)	--
1991	05/21/91	36.2 (1280)	--	1.87 (6.15)	--
1992	08/31/92	22.7 (800)	--	1.69 (5.54)	--
1993	05/11/93	122 (4310)	--	2.66 (8.73)	2

***06798000 SOUTH FORK ELKHORN RIVER NEAR EWING, NE**

LOCATION.--Lat. 42°14'29", long 98°23'53", in SE1/4 NE1/4 sec.7, T.26 N., R.9 W., Holt County, Hydrologic Unit 10220001, on right bank 5.2 m (17 ft) downstream from bridge on county highway, 4.7 km (2.9 mi) southwest of intersection with U.S. Highway 275 in Ewing and 8.8 km (5.5 mi) upstream from mouth.

DRAINAGE AREA.--813 km² (314 mi²), approximately, of which about 528 km² (204 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1947-53, 1961-72, 1978 to current year. Prior to October 1977 station published as "at Ewing" at site 7.2 m (4.5 mi) downstream at different datum.

GAGE.--Water-stage recorder. Datum of gage is 573.02 m (1,880 ft) above sea level (from topographic map). See WSP 1918 for history of changes prior to June 14, 1963.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 160 m³/s (5,640 ft³/s) Mar. 18, 1987, gage height, 2.31 m (7.59 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1944	/ /44	79.3 (2800)	2, 7	-- --	--
1947	06/21/47	96.3 (3400)	2	2.20 (7.22)	--
1948	06/26/48	4.59 (162)	1	0.73 (2.40)	--
1949	04/05/49	49.8 (1760)	--	1.53 (5.02)	2
1950	03/27/50	19.8 (700)	2	1.33 (4.37)	2
1951	05/20/51	34.6 (1220)	--	1.23 (4.05)	--
1952	10/06/51	20.5 (724)	--	.99 (3.26)	2
1953	05/01/53	28.9 (1020)	--	1.00 (3.29)	--
1961	06/12/61	13.5 (475)	--	.91 (3.00)	--
1962	06/09/62	37.9 (1340)	--	1.21 (3.96)	2
1963	03/14/63	3.51 (124)	1	.66 (2.15)	2
1964	06/13/64	6.26 (221)	--	.66 (2.16)	2
1965	06/14/65	17.3 (610)	--	.85 (2.80)	2
1966	03/29/66	8.95 (316)	--	.63 (2.06)	2
1967	06/10/67	12.1 (428)	--	.75 (2.47)	2
1968	06/22/68	3.23 (114)	--	.51 (1.67)	2
1969	03/28/69	14.6 (514)	--	.79 (2.60)	2
1970	04/20/70	12.2 (432)	--	.68 (2.23)	2
1971	06/12/71	7.82 (276)	--	.59 (1.94)	2
1972	05/14/72	8.21 (290)	--	.58 (1.90)	2
1978	03/21/78	19.7 (695)	--	1.03 (3.38)	--
1979	03/24/79	5.72 (202)	--	.59 (1.95)	2
1980	04/05/80	13.2 (467)	--	.77 (2.53)	--
1981	07/02/81	2.32 (82)	--	.44 (1.45)	2
1982	06/01/82	22.4 (790)	--	1.02 (3.35)	--
1983	04/01/83	52.7 (1860)	--	1.45 (4.77)	--
1984	05/02/84	34.3 (1210)	--	1.12 (3.66)	--
1985	04/29/85	8.89 (314)	--	.64 (2.11)	--
1986	09/21/86	22.7 (802)	--	.83 (2.71)	--
1987	03/18/87	160 (5640)	--	2.31 (7.59)	--
1988	03/03/88	7.28 (257)	--	.60 (1.98)	2
1989	03/15/89	2.21 (78)	--	.47 (1.54)	2
1990	08/23/90	3.68 (130)	--	.54 (1.77)	2
1991	05/19/91	6.09 (215)	--	.63 (2.08)	2
1992	05/19/92	13.7 (483)	--	.79 (2.59)	--
1993	05/11/93	43.3 (1530)	--	1.15 (3.77)	--

***06798300 CLEARWATER CREEK NEAR CLEARWATER, NE**

LOCATION.--Lat. 42°08'20", long 98°12'10", in SW1/4 NW1/4 sec.13, T.25 N., R.8 W., Antelope County, Hydrologic Unit 10220001, on left bank at downstream side of county road bridge, 0.8 km (0.5 mi) west and 3 km (2 mi) south of Clearwater, and about 7.7 km (4.8 mi) upstream from mouth.

DRAINAGE AREA.--544 km² (210 mi²), of which about 388 km² (150 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1962-64, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 551.69 m (1,810 ft) above sea level (from topographic map). Prior to Sept. 7, 1961, wire-weight gage only at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 42.8 m³/s (1,510 ft³/s) Mar. 18, 1987, gage height, 2.74 m (9.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1962	03/27/62	20.1	(710)	--	2.69	(8.82)	--
1963	02/05/63	4.11	(145)	--	2.08	(6.81)	1
1964	04/29/64	6.12	(216)	--	2.12	(6.96)	--
1978	03/20/78	9.03	(319)	--	2.12	(6.94)	--
1979	03/24/79	6.77	(239)	--	1.97	(6.45)	2
1980	04/04/80	5.27	(186)	--	1.89	(6.19)	--
1981	08/05/81	21.6	(762)	--	2.74	(9.00)	--
1982	05/30/82	14.9	(527)	--	2.37	(7.77)	--
1983	03/31/83	21.8	(770)	--	2.47	(8.09)	--
1984	05/07/84	18.7	(662)	--	2.19	(7.18)	--
1985	05/02/85	10.1	(358)	--	1.85	(6.08)	--
1986	03/19/86	9.15	(323)	--	1.67	(5.47)	--
1987	03/18/87	42.8	(1510)	--	2.74	(9.00)	--
1988	02/28/88	3.82	(135)	--	1.32	(4.34)	--
1989	03/09/89	2.95	(104)	--	1.26	(4.15)	2
1990	06/15/90	15.5	(546)	--	1.85	(6.08)	--
1991	05/05/91	3.88	(137)	--	1.34	(4.38)	--
1992	08/08/92	9.40	(332)	--	1.65	(5.41)	--
1993	03/07/93	19.8	(700)	--	2.02	(6.62)	--

06798500 ELKHORN RIVER AT NELIGH, NE

LOCATION.--Lat. 42°07'20", long 98°01'40", in SE1/4 NE1/4 sec.20 T.25 N., R.6 W., Antelope County, Hydrologic Unit 10220001, on right bank 9.1 m (30 ft) downstream from bridge on old State Highway 14 at Neligh, and at kilometer 280 (mile 174).

DRAINAGE AREA.--5,700 km² (2,200 mi²), approximately, of which about 3,100 km² (1,200 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1932-58, 1960 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 522.43 m (1,714.00 ft) above sea level. Prior to Apr. 16, 1933, nonrecording gage at site 3 m (10 ft) downstream at present datum. Apr. 16, 1933, to Jan. 23, 1939, nonrecording gage at bridge 9.1 m (30 ft) upstream at present datum. Jan. 24, 1939, to Oct. 9, 1958, and Aug. 8, 1960, to Sept. 8, 1970, water-stage recorder at site 6.1 m (20 ft) upstream at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 399 m³/s (14,100 ft³/s) Mar. 19, 1987, gage height, 3.65 m (11.99 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1932	06/11/32	11.5	(406)	--	1.11	(3.64)	--
1933	05/12/33	16.9	(596)	--	1.45	(4.77)	--
1934	04/03/34	12.9	(456)	--	1.30	(4.27)	--
1935	06/03/35	131	(4610)	--	2.88	(9.44)	--
1936	05/13/36	18.0	(634)	--	1.40	(4.58)	--
1937	07/30/37	23.5	(830)	--	1.60	(5.25)	--
1938	05/18/38	28.9	(1020)	--	1.84	(6.04)	--
1939	05/26/39	10.4	(366)	--	1.14	(3.73)	2
1940	06/20/40	18.8	(663)	--	1.47	(4.83)	--
1941	04/22/41	16.8	(594)	--	1.42	(4.65)	--
1942	05/18/42	81.8	(2890)	--	2.54	(8.34)	--
1943	06/17/43	39.1	(1380)	--	1.93	(6.33)	--
1944	05/06/44	114	(4010)	--	2.78	(9.13)	--
1945	06/10/45	34.3	(1210)	--	1.70	(5.59)	--
1946	05/24/46	35.7	(1260)	--	1.71	(5.61)	--
1947	06/23/47	340	(12000)	2	3.82	(12.53)	--
1948	08/11/48	24.9	(879)	--	1.54	(5.05)	--
1949	04/07/49	252	(8890)	--	3.35	(10.98)	--
1950	04/02/50	92.6	(3270)	--	2.19	(7.17)	2
1951	05/19/51	256	(9030)	--	3.24	(10.62)	--
1952	04/01/52	108	(3800)	--	2.31	(7.59)	2
1953	05/05/53	139	(4900)	--	2.48	(8.13)	--
1954	05/02/54	53.8	(1900)	--	1.62	(5.32)	2
1955	06/24/55	18.8	(664)	--	1.26	(4.14)	--
1956	10/03/55	15.1	(532)	2	1.41	(4.61)	--
1957	06/16/57	109	(3860)	--	2.46	(8.07)	--
1958	04/07/58	72.5	(2560)	--	2.07	(6.78)	--
1960	03/29/60	348	(12300)	7	3.73	(12.24)	--
1961	03/19/61	19.9	(703)	--	1.32	(4.33)	--
1962	06/10/62	306	(10800)	--	2.80	(9.17)	--
1963	03/24/63	20.6	(728)	--	1.27	(4.18)	2
1964	05/01/64	45.6	(1610)	--	1.65	(5.42)	--
1965	06/14/65	82.4	(2910)	--	2.05	(6.74)	--

06798500 ELKHORN RIVER AT NELIGH, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	03/29/66	34.6	(1220)	--	1.62	(5.30)	--
1967	06/10/67	195	(6880)	--	2.54	(8.32)	--
1968	04/25/68	20.6	(726)	--	1.48	(4.86)	--
1969	04/03/69	85.5	(3020)	--	2.16	(7.10)	--
1970	04/21/70	89.5	(3160)	--	2.03	(6.66)	--
1971	02/18/71	54.1	(1910)	--	1.84	(6.03)	--
1972	05/17/72	103	(3640)	--	2.20	(7.23)	--
1973	04/17/73	64.9	(2290)	--	1.95	(6.39)	--
1974	06/10/74	19.9	(704)	--	1.46	(4.79)	2
1975	06/22/75	25.9	(914)	--	1.53	(5.03)	--
1976	03/21/76	30.3	(1070)	--	1.58	(5.19)	2
1977	06/23/77	51.0	(1800)	--	1.99	(6.54)	--
1978	03/22/78	157	(5540)	--	2.41	(7.91)	--
1979	03/18/79	42.5	(1500)	--	2.21	(7.24)	1
1980	04/06/80	84.1	(2970)	--	2.21	(7.26)	--
1981	08/05/81	19.1	(676)	--	1.74	(5.71)	--
1982	06/01/82	132	(4670)	--	2.66	(8.74)	--
1983	04/02/83	197	(6950)	--	3.03	(9.93)	--
1984	04/09/84	178	(6300)	--	2.89	(9.49)	--
1985	04/30/85	67.4	(2380)	--	1.99	(6.52)	--
1986	09/21/86	121	(4260)	--	2.49	(8.17)	--
1987	03/19/87	399	(14100)	--	3.65	(11.99)	--
1988	03/06/88	42.8	(1510)	--	1.65	(5.41)	--
1989	03/14/89	13.9	(490)	--	1.14	(3.75)	2
1990	06/15/90	31.7	(1120)	--	1.62	(5.30)	--
1991	06/03/91	54.1	(1910)	--	1.82	(5.97)	--
1992	08/28/92	41.9	(1480)	--	1.72	(5.65)	--
1993	05/11/93	182	(6440)	--	2.84	(9.32)	--

06798800 ELKHORN RIVER AT MEADOW GROVE, NE

LOCATION.--Lat. 42°02'45", long 97°44'00", in NW1/4 sec.24, T.24 N., R.4 W., Madison County, Hydrologic Unit 10220001, on left bank 137 m (450 ft) downstream of bridge on county road, and 1.6 km (1 mi) north of Meadow Grove.

DRAINAGE AREA.--6,500 km² (2,500 mi²), of which about 5,440 km² (2,100 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1960 to 1965 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 496.82 m (1,630 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 m³/s (12,000 ft³/s) Mar. 30, 1960, gage height, 2.99 m (9.80 ft)

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1960	03/30/60	340 (12000)	2	2.99 (9.80)	--
1961	05/31/61	35.1 (1240)	--	1.42 (4.65)	--
1962	06/10/62	272 (9600)	--	2.47 (8.12)	--
1963	03/25/63	23.2 (819)	--	1.22 (4.01)	2
1964	06/22/64	141 (4980)	--	2.05 (6.71)	--
1965	06/13/65	77.6 (2740)	--	1.76 (5.76)	2

06799000 ELKHORN RIVER AT NORFOLK, NE

LOCATION.--Lat. 42°00'14", long 97°25'31", in SW1/4 SW1/4 sec.34 T.24 N., R.1 W., Madison County, Hydrologic Unit 10220001, on left bank 61 m (200 ft) downstream from U.S. Highway 81 bridge, 1.6 km (1.0 mi) south of intersection of U.S. Highways 81 and 275, and 5.8 km (3.6 mi) upstream from North Fork Elkhorn River

DRAINAGE AREA.--7,230 km² (2,790 mi²), approximately, of which 4,640 km² (1,790 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1897 to 1903 (no winter records), 1940 to current year. Gage height records collected at site 61 m (200 ft) upstream from May 10, 1941 to Sept. 26, 1945 are contained in reports of U.S. Weather Bureau. Published as "near Norfolk" from October 1957 to September 1977.

GAGE.--Water-stage recorder. Datum of gage is 458.10 m (1,502.95 ft) above sea level. See WSP 1918 for history of changes prior to Aug. 30, 1958. Aug. 30, 1958 to July 27, 1978, water-stage recorder at site 5.1 km (3.2 mi) upstream at datum 6.06 m (19.88 ft) higher and July 28, 1978 to Mar. 18, 1987, present site at datum 0.61 m (2.00 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 479 m³/s (16,900 ft³/s) June 14, 1967, gage height, 2.60 m (8.52 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1897	04/08/97	181	(6390)	--	2.12	(6.95)	--
1898	06/05/98	104	(3670)	--	1.65	(5.40)	--
1899	06/28/99	39.1	(1380)	--	1.14	(3.75)	--
1900	04/29/00	35.4	(1250)	--	1.13	(3.70)	--
1901	06/28/01	97.4	(3440)	1	--	--	--
1902	09/30/02	83.3	(2940)	--	1.83	(6.00)	--
1903	05/30/03	266	(9400)	--	2.93	(9.60)	--
1940	06/06/40	399	(14100)	--	3.57	(11.70)	--
1941	06/03/41	108	(3800)	--	2.07	(6.80)	--
1942	06/21/42	292	(10300)	--	3.11	(10.20)	--
1943	06/14/43	59.5	(2100)	--	1.65	(5.40)	--
1944	05/13/44	405	(14300)	--	3.60	(11.80)	--
1945	06/10/45	153	(5400)	--	2.38	(7.80)	--
1946	05/30/46	51.0	(1800)	--	1.65	(5.40)	--
1947	06/26/47	357	(12600)	--	3.38	(11.10)	--
1948	08/11/48	112	(3940)	--	2.17	(7.13)	2
1949	04/08/49	248	(8760)	--	2.87	(9.40)	2
1950	08/12/50	232	(8200)	--	2.62	(8.60)	2
1951	05/20/51	238	(8410)	--	2.48	(8.15)	--
1952	02/13/52	98.3	(3470)	--	1.95	(6.40)	2
1953	05/10/53	214	(7550)	--	2.47	(8.10)	--
1954	06/21/54	116	(4100)	--	2.07	(6.80)	--
1955	03/11/55	33.1	(1170)	--	1.72	(5.64)	2
1956	06/26/56	40.8	(1440)	--	2.29	(7.50)	2
1957	06/17/57	96.6	(3410)	--	2.58	(8.48)	--
1958	07/30/58	95.4	(3370)	--	2.87	(9.43)	--
1959	05/06/59	70.2	(2480)	--	1.41	(4.63)	2
1960	03/30/60	382	(13500)	--	2.62	(8.60)	--
1961	05/31/61	31.2	(1100)	--	1.16	(3.81)	2
1962	06/11/62	275	(9720)	--	2.11	(6.93)	2
1963	02/08/63	28.9	(1020)	--	1.44	(4.74)	2
1964	06/22/64	172	(6080)	--	1.77	(5.81)	--
1965	07/19/65	80.7	(2850)	--	1.30	(4.26)	2

06799000 ELKHORN RIVER AT NORFOLK, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	02/09/66	156	(5500)	--	2.27	(7.46)	1
1967	06/14/67	479	(16900)	--	2.60	(8.52)	--
1968	04/28/68	20.4	(720)	--	0.82	(2.68)	2
1969	06/25/69	462	(16300)	--	2.51	(8.22)	--
1970	04/22/70	80.1	(2830)	--	1.21	(3.97)	--
1971	02/19/71	425	(15000)	--	2.52	(8.28)	--
1972	07/21/72	182	(6420)	--	1.76	(5.79)	2
1973	03/17/73	63.4	(2240)	--	1.15	(3.76)	2
1974	06/06/74	40.5	(1430)	--	1.12	(3.66)	2
1975	06/20/75	57.8	(2040)	--	1.23	(4.02)	2
1976	02/17/76	45.3	(1600)	2	1.47	(4.82)	--
1977	06/23/77	138	(4880)	--	1.41	(4.64)	--
1978	03/20/78	198	(7000)	1	2.71	(8.90)	--
1979	05/10/79	31.2	(1100)	--	1.69	(5.54)	--
1980	04/07/80	83.8	(2960)	--	1.44	(4.74)	--
1981	06/14/81	52.7	(1860)	--	1.49	(4.88)	--
1982	05/31/82	130	(4590)	--	1.79	(5.86)	2
1983	06/27/83	240	(8460)	--	1.98	(6.50)	--
1984	04/10/84	221	(7790)	--	1.84	(6.05)	--
1985	04/26/85	98.8	(3490)	--	1.16	(3.82)	--
1986	06/14/86	184	(6510)	--	1.58	(5.18)	--
1987	03/20/87	371	(13100)	--	3.04	(9.96)	--
1988	05/21/88	54.4	(1920)	--	1.38	(4.54)	2
1989	03/10/89	75.0	(2650)	9	2.27	(7.45)	1
1990	06/16/90	297	(10500)	--	2.82	(9.25)	--
1991	06/04/91	303	(10700)	--	2.77	(9.10)	--
1992	09/06/92	48.1	(1700)	--	1.48	(4.87)	--
1993	07/08/93	234	(8250)	--	2.35	(7.70)	--

06799080 WILLOW CREEK NEAR FOSTER, NE

LOCATION.--Lat. 42°10'38", long 97°40'02", in NW1/4 NE1/4 sec.4 T.25 N., R.3 W., Pierce County, Hydrologic Unit 10220002, on left downstream bank at county road bridge, 10.9 km (6.8 mi) south of Foster, 11.6 km (7.2 mi) southwest of Pierce, and at kilometer 22.7 (mile 14.1).

DRAINAGE AREA.--355 km² (137 mi²).

PERIOD OF RECORD.--1976 to current year.

GAGE.--Water-stage recorder. Datum of gage is 502.92 m (1,650 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16.2 m³/s (574 ft³/s) Mar. 18, 1987, gage height, 2.42 m (7.94 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	03/12/76	1.39	(49)	--	1.13	(3.71)	2
1977	04/21/77	1.27	(45)	--	1.10	(3.60)	2
1978	03/19/78	7.65	(270)	--	2.50	(8.21)	1
1979	03/23/79	7.79	(275)	--	2.32	(7.62)	1
1980	04/05/80	3.99	(141)	--	1.65	(5.41)	--
1981	06/14/81	1.87	(66)	--	1.30	(4.26)	--
1982	05/28/82	3.00	(106)	--	1.70	(5.58)	2
1983	04/01/83	10.8	(380)	--	2.19	(7.19)	2
1984	04/13/84	12.5	(442)	--	2.26	(7.41)	--
1985	05/01/85	11.5	(406)	--	2.33	(7.64)	--
1986	04/18/86	4.87	(172)	--	1.80	(5.90)	--
1987	03/18/87	16.3	(574)	--	2.42	(7.94)	--
1988	05/25/88	4.90	(173)	--	1.80	(5.91)	--
1989	03/08/89	2.27	(80)	9	1.58	(5.19)	1
1990	03/14/90	0.595	(21)	--	0.98	(3.21)	2
1991	07/01/91	1.22	(43)	--	1.16	(3.80)	2
1992	05/19/92	4.13	(146)	--	1.73	(5.66)	--
1993	03/11/93	12.5	(442)	--	2.33	(7.65)	--

06799100 NORTH FORK ELKHORN RIVER NEAR PIERCE, NE

LOCATION.--Lat. 42°10'44", long 97°29'04", in SW1/4 sec.31 T.26 N., R.1 W., Pierce County, Hydrologic Unit 10220002, on left bank downstream wingwall of county road bridge, 4.0 km (2.5 mi) southeast of Pierce, and at kilometer 36.7 (mile 22.8).

DRAINAGE AREA.--1,800 km² (700 mi²), approximately, of which 77 km² (30 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1961 to current year.

GAGE.--Water-stage recorder. Datum of gage is 473.38 m (1,553.07 ft) above sea level (U.S. Weather Bureau levels).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 430 m³/s (15,200 ft³/s) Feb. 19, 1971, gage height, 4.60 m (15.10 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	06/01/61	31.2 (1100)	--	3.39 (11.13)	--
1962	03/28/62	329 (11600)	--	4.54 (14.90)	--
1963	06/23/63	16.3 (576)	--	2.39 (7.85)	--
1964	06/18/64	34.6 (1220)	--	3.33 (10.92)	--
1965	09/30/65	19.3 (680)	--	2.44 (8.00)	2
1966	03/29/66	15.4 (545)	--	2.19 (7.20)	2
1967	06/19/67	156 (5500)	--	4.42 (14.49)	--
1968	07/30/68	51.5 (1820)	--	4.32 (14.16)	--
1969	06/25/69	72.8 (2570)	--	4.21 (13.81)	--
1970	03/27/70	17.5 (617)	--	2.50 (8.21)	--
1971	02/19/71	430 (15200)	--	4.60 (15.10)	--
1972	07/26/72	102 (3610)	--	4.29 (14.08)	--
1973	04/16/73	30.9 (1090)	--	3.16 (10.36)	2
1974	05/29/74	15.3 (542)	--	2.27 (7.44)	--
1975	06/20/75	27.6 (976)	--	2.98 (9.78)	--
1976	03/17/76	4.16 (147)	--	1.35 (4.43)	2
1977	05/22/77	16.7 (588)	--	2.37 (7.79)	--
1978	03/19/78	67.1 (2370)	2	4.25 (13.95)	1
1979	05/10/79	43.6 (1540)	--	3.73 (12.25)	--
1980	05/27/80	277 (9780)	--	4.46 (14.63)	--
1981	06/14/81	28.3 (998)	--	3.04 (9.98)	--
1982	05/31/82	58.3 (2060)	--	4.01 (13.14)	--
1983	04/01/83	53.8 (1900)	--	3.83 (12.55)	--
1984	06/22/84	67.1 (2370)	--	4.01 (13.15)	--
1985	04/23/85	54.1 (1910)	--	3.83 (12.57)	--
1986	03/18/86	59.5 (2100)	--	3.94 (12.93)	--
1987	03/25/87	70.0 (2470)	--	3.93 (12.90)	--
1988	02/28/88	8.78 (310)	--	1.63 (5.36)	2
1989	03/11/89	21.2 (750)	9	2.61 (8.57)	1
1990	05/26/90	1.30 (46)	--	0.84 (2.76)	2
1991	06/15/91	21.5 (759)	--	2.48 (8.13)	--
1992	05/17/92	51.3 (1810)	--	3.76 (12.35)	--
1993	03/10/93	163 (5760)	--	4.16 (13.64)	--

06799190 SOUTH FORK UNION CREEK TRIBUTARY NEAR CORNLEA, NE

LOCATION.--Lat. 41°42'00", long 97°34'22", in SE1/4 SW1/4 sec.17, T.20 N., R.2 W., Platte County, Hydrologic Unit 10220003, at culvert under Nebraska Highway 91, 2.01 km (1.25 mi) north and 0.8 km (0.5 mi) west of Cornlea.

DRAINAGE AREA.--16.9 km² (6.54 mi²).

PERIOD OF RECORD.--1967 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 504.14 m (1,654 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 51.8 m³/s (1,830 ft³/s) May 21, 1977, gage height, 4.61 m (15.11 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1967	06/04/67	7.65 (270)	--	3.53 (11.57)	--
1968	06/24/68	0.31 (11)	--	3.10 (10.18)	--
1969	03/18/69	22.7 (800)	--	4.11 (13.50)	--
1970	04/12/70	4.81 (170)	--	3.41 (11.20)	--
1971	02/18/71	27.8 (980)	--	4.12 (13.52)	--
1972	05/24/72	3.03 (107)	--	3.33 (10.93)	--
1973	05/26/73	37.1 (1310)	--	4.34 (14.25)	--
1974	04/03/74	16.7 (590)	--	3.83 (12.55)	--
1975	06/18/75	19.8 (700)	--	3.92 (12.86)	--
1976	05/22/76	16.4 (580)	--	3.83 (12.57)	--
1977	05/21/77	51.8 (1830)	--	4.61 (15.11)	--
1978	07/22/78	26.1 (920)	--	4.08 (13.39)	--

06799230 UNION CREEK AT MADISON, NE

LOCATION.--Lat. 41°49'52", long 97°27'19", in SW1/4 SE1/4 sec.32, T.22 N., R.1 W., Madison County, Hydrologic Unit 10220003, on left bank 3.7 m (12 ft) downstream from bridge on U.S. Highway 81, in Madison.

DRAINAGE AREA.--450 km² (174 mi²).

PERIOD OF RECORD.--1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 472.35 m (1,549.70 ft) above sea level (levels by Nebraska Natural Resources Commission).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 428 m³/s (15,100 ft³/s) June 16, 1990, gage height, 7.84 m (25.72 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1979	03/18/79	16.7	(589)	--	3.85	(12.62)	--
1980	06/12/80	31.2	(1100)	--	4.46	(14.64)	--
1981	06/14/81	1.87	(66)	--	1.30	(4.26)	--
1982	05/19/82	157	(5540)	--	6.45	(21.15)	--
1983	06/29/83	75.9	(2680)	--	5.86	(19.22)	--
1984	06/17/84	216	(7630)	--	6.98	(22.90)	--
1985	04/26/85	42.5	(1500)	--	5.01	(16.44)	--
1986	06/30/86	70.0	(2470)	--	6.01	(19.72)	--
1987	09/15/87	97.4	(3440)	--	6.35	(20.82)	--
1988	02/18/88	10.3	(365)	--	3.51	(11.51)	--
1989	09/04/89	35.1	(1240)	--	4.91	(16.11)	--
1990	06/16/90	428	(15100)	--	7.84	(25.72)	--
1991	06/04/91	142	(5000)	--	6.49	(21.29)	--
1992	05/17/92	28.6	(1010)	--	4.63	(15.19)	--
1993	07/09/93	388	(13700)	--	7.70	(25.27)	--

06799350 ELKHORN RIVER AT WEST POINT, NE

LOCATION.--Lat. 41°50'22", long 96°43'38", in SW1/4 NW1/4 sec.34, T.22 N., R.6 E., Cuming County, Hydrologic Unit 10220003, on right bank near right downstream wingwall of bridge on State Highway 32, 1.6 km (1 mi) west of West Point, and at kilometer 128 (mile 79.8).

DRAINAGE AREA.--13,200 km² (5,100 mi²), approximately, of which about 10,600 km² (4,100 mi) contributes directly to surface runoff.

PERIOD OF RECORD.--1973 to current year. 1961-72 (no winter records 1960-68) in files of Corps of Engineers. Gage-height records collected since 1940 are in reports of U.S. Weather Bureau.

GAGE.--Water-stage recorder. Datum of gage is 393.58 m (1,291.26 ft) above sea level. Prior to May 18, 1976, at site on left bank 15 m (50 ft) upstream from bridge at same datum.

REMARKS.--Small diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,250 m³/s (44,000 ft³/s) June 15, 1967, gage height, 4.03 m (13.21 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1940	06/06/40	--	--	--	4.71	(15.46)	--
1944	06/12/44	--	--	--	4.36	(14.30)	--
1946	06/29/46	--	--	--	2.07	(6.80)	--
1947	06/29/47	--	--	--	3.84	(12.60)	--
1948	03/01/48	--	--	--	3.35	(11.00)	1
1949	06/03/49	--	--	--	4.02	(13.20)	--
1950	07/21/50	--	--	--	4.24	(13.90)	--
1951	03/25/51	--	--	--	4.33	(14.20)	1
1952	03/13/52	--	--	--	2.62	(8.60)	--
1953	06/09/53	--	--	--	2.53	(8.30)	--
1954	06/21/54	--	--	--	3.11	(10.20)	--
1955	03/11/55	--	--	--	2.53	(8.30)	--
1956	03/18/56	--	--	--	2.44	(8.00)	--
1957	06/18/57	--	--	--	2.50	(8.20)	--
1958	07/30/58	--	--	--	3.63	(11.90)	--
1959	06/01/59	--	--	--	2.62	(8.60)	--
1960	03/31/60	--	--	--	3.87	(12.70)	--
1961	06/01/61	168	(5940)	--	2.46	(8.06)	--
1962	03/27/62	603	(21300)	--	4.24	(13.91)	1
1963	03/10/63	83.5	(2950)	--	2.23	(7.30)	1
1964	06/17/64	501	(17700)	--	3.34	(10.97)	--
1965	05/19/65	360	(12700)	--	3.12	(10.24)	--
1966	02/10/66	323	(11400)	--	3.61	(11.83)	1
1967	06/15/67	1250	(44000)	--	4.03	(13.21)	--
1968	08/01/68	30.9	(1090)	--	2.19	(7.17)	--
1969	06/25/69	935	(33000)	2	4.03	(13.21)	--
1970	04/23/70	70.0	(2470)	--	2.31	(7.58)	--

06799350 ELKHORN RIVER AT WEST POINT, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	02/20/71	892	(31500)	2	4.59	(15.05)	--
1972	07/21/72	289	(10200)	--	2.90	(9.53)	--
1973	05/27/73	173	(6100)	--	2.72	(8.92)	2
1974	05/30/74	238	(8400)	--	2.88	(9.45)	--
1975	06/20/75	174	(6140)	--	2.75	(9.01)	2
1976	05/23/76	117	(4140)	--	2.60	(8.52)	2
1977	06/24/77	154	(5450)	--	2.70	(8.86)	--
1978	03/20/78	801	(28300)	--	3.76	(12.35)	2
1979	03/18/79	289	(10200)	9	--	--	--
1980	05/28/80	190	(6710)	--	2.74	(9.00)	--
1981	06/15/81	97.1	(3430)	--	2.56	(8.40)	--
1982	02/20/82	425	(15000)	--	4.99	(16.37)	--
1983	06/18/83	295	(10400)	--	2.86	(9.39)	--
1984	06/18/84	688	(24300)	--	3.81	(12.49)	--
1985	04/26/85	379	(13400)	--	3.24	(10.64)	--
1986	03/18/86	295	(10400)	--	3.02	(9.91)	2
1987	03/24/87	535	(18900)	--	3.55	(11.65)	--
1988	05/21/88	144	(5090)	--	2.66	(8.72)	2
1989	03/09/89	297	(10500)	9	3.34	(10.95)	1
1990	06/17/90	858	(30300)	--	4.48	(14.71)	--
1991	06/05/91	776	(27400)	--	4.07	(13.34)	--
1992	06/16/92	382	(13500)	--	3.29	(10.79)	--
1993	07/09/93	816	(28800)	--	4.27	(14.02)	2

06799385 PEBBLE CREEK AT SCRIBNER, NE

LOCATION.--Lat. 41°39'34", long 96°41'00", in NW1/4 SE1/4 sec.36, T.20 N., R.6 E., Dodge County, Hydrologic Unit 10220003, on right bank 3.7 m (12 ft) downstream from bridge on county road, 1.6 km (1 mi) southwest of Scribner and 5.5 km (3.4 mi) upstream from mouth.

DRAINAGE AREA.--528 km² (204 mi²).

PERIOD OF RECORD.--1979 to current year.

GAGE.--Water-stage recorder. Datum of gage is 376.34 m (1,234.72 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 790 m³/s (27,900 ft³/s) June 5, 1991, gage height, 7.36 m (24.15 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1979	03/13/79	76.5	(2700)	--	4.77	(15.64)	1
1980	06/13/80	140	(4950)	--	5.83	(19.13)	--
1981	06/30/81	11.4	(404)	--	2.08	(6.84)	--
1982	05/21/82	206	(7290)	--	6.86	(22.52)	--
1983	10/09/82	223	(7880)	--	7.11	(23.33)	--
1984	06/16/84	575	(20300)	--	7.24	(23.75)	--
1985	04/ /85	165	(5820)	--	9.21	(20.21)	--
1986	06/14/86	149	(5260)	--	5.86	(19.23)	--
1987	07/04/87	110	(3870)	--	5.07	(16.63)	--
1988	09/28/88	86.4	(3050)	--	4.54	(14.90)	--
1989	09/04/89	83.3	(2940)	--	5.07	(16.65)	--
1990	06/17/90	651	(23000)	--	7.28	(23.90)	--
1991	06/05/91	790	(27900)	--	7.36	(24.15)	--
1992	06/16/92	337	(11900)	--	7.15	(23.45)	--
1993	07/09/93	595	(21000)	--	7.04	(23.09)	--

06799423 NORTH LOGAN CREEK NEAR LAUREL, NE

LOCATION.--Lat. 42°28'00", long 97°02'55", in NW1/4 NW1/4 sec.26, T.29 N., R.3 E., Cedar County, Hydrologic Unit 10220004, on bridge on U.S. Highway No. 20, 4.8 km (3 mi) north and 3.5 km (2.2 mi) east of Laurel.

DRAINAGE AREA.--65.5 km² (25.3 mi²), approximately.

PERIOD OF RECORD.--1967 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Lowest recording stage is 3.35 m (11.0 ft). This site had been carried in the Nebraska Department miscellaneous measurement site program since 1965. The gage was removed on May 26, 1969 to accommodate bridge alterations. Gage datum was preserved by levels of June 26, 1969 and a new gage was installed on Apr. 28, 1970 to the same datum of the original installation. The gage was replaced on July 13, 1971, and the datum was maintained.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 8.21 m³/s (290 ft³/s) May 24, 1965, gage height, 4.15 m (13.60 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 85.5 m³/s (3,020 ft³/s) Feb. 19, 1971, gage height, 4.58 m (15.02 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1965	05/24/65	8.21 (290)	7	4.15 (13.60)	--
1967	06/19/67	36.2 (1280)	--	4.45 (14.61)	--
1968	/ /68	≤0.01 (≤.5)	--	--	--
1969	04/01/69	81.6 (2880)	--	4.57 (15.00)	--
1970	06/17/70	3.54 (125)	--	3.95 (12.97)	--
1971	02/19/71	85.5 (3020)	--	4.58 (15.02)	--
1972	07/20/72	4.96 (175)	--	4.03 (13.22)	--
1973	03/14/73	48.1 (1700)	--	4.50 (14.77)	--
1974	04/03/74	4.11 (145)	--	3.98 (13.05)	--
1975	05/06/75	4.25 (150)	--	3.99 (13.10)	--
1976	02/15/76	5.66 (200)	--	4.21 (13.80)	--
1977	08/20/77	1.47 (52.0)	--	3.67 (12.05)	--
1978	03/18/78	8.50 (300)	2	4.44 (14.58)	--

06799450 LOGAN CREEK AT PENDER, NE

LOCATION.--Lat. 42°06'40", long 96°42'00", in NW1/4 sec.26, T.25 N., R.6 E., Thurston County, Hydrologic Unit 10220004, on right bank 61 m (200 ft) downstream from bridge on Nebraska State Highway 94 at Pender, 1.1 km (0.7 mi) downstream from Rattlesnake Creek, and at kilometer 73.5 (mile 45.7).

DRAINAGE AREA.--1,893 km² (731 mi²), approximately.

PERIOD OF RECORD.--1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is 396.53 m (1,300.96 ft) above sea level. Prior to Apr. 23, 1966, nonrecording gage at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,050 m³/s (36,900 ft³/s) Feb. 19, 1971, gage height, 7.04 m (23.11 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	02/09/66	538	(19000)	--	6.42	(21.06)	--
1967	06/19/67	626	(22100)	--	6.73	(22.08)	--
1968	07/30/68	12.1	(428)	--	1.56	(5.12)	2
1969	06/25/69	518	(18300)	--	6.14	(20.14)	--
1970	01/29/70	39.6	(1400)	2	2.38	(7.82)	1
1971	02/19/71	1050	(36900)	--	7.04	(23.11)	--
1972	07/26/72	289	(10200)	--	4.34	(14.25)	--
1973	02/24/73	113	(4000)	2	4.09	(13.42)	1
1974	05/29/74	52.4	(1850)	--	2.30	(7.54)	--
1975	06/20/75	149	(5250)	--	3.38	(11.08)	--
1976	02/15/76	24.1	(850)	--	2.29	(7.50)	1
1977	05/08/77	102	(3590)	--	2.94	(9.63)	--
1978	03/18/78	261	(9220)	2	5.35	(17.55)	1
1979	08/19/79	199	(7010)	--	3.83	(12.55)	--
1980	05/27/80	365	(12900)	--	4.90	(16.06)	--
1981	06/14/81	274	(9670)	--	4.35	(14.27)	--
1982	07/06/82	238	(8400)	--	4.65	(15.26)	2
1983	06/14/83	193	(6820)	--	4.06	(13.32)	--
1984	06/16/84	276	(9750)	--	5.17	(16.96)	--
1985	04/23/85	306	(10800)	--	5.41	(17.74)	--
1986	03/18/86	433	(15300)	--	5.69	(18.67)	--
1987	05/27/87	123	(4350)	--	3.56	(11.68)	--
1988	05/21/88	92.9	(3280)	--	3.12	(10.22)	--
1989	03/11/89	78.4	(2770)	--	2.87	(9.41)	2
1990	06/16/90	96.9	(3420)	--	3.18	(10.42)	--
1991	06/15/91	414	(14630)	--	6.13	(20.10)	--
1992	08/10/92	133	(4690)	--	3.69	(12.11)	--
1993	03/09/93	266	(9390)	--	5.08	(16.68)	--

06799500 LOGAN CREEK NEAR UEHLING, NE

LOCATION.--Lat. 41°42'46", long 96°31'18", in SE1/4 SE1/4 sec.9 T.20 N., R.8 E., Dodge County, Hydrologic Unit 10220004, near left bank on upstream side of bridge on county road, 3.2 km (2.0 mi) southwest of Uehling and 14.2 km (8.8 mi) upstream from mouth.

DRAINAGE AREA.--2,670 km² (1,030 mi²), approximately.

PERIOD OF RECORD.--1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is 368.42 m (1,208.73 ft) above sea level. See WSP 1918 for history of changes prior to July 15, 1963 to Mar. 27, 1989, near right bank on downstream side of bridge at present site and datum. Mar. 28, 1989 to Mar. 22, 1990, 76.2 m (250 ft) upstream on left bank at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 714 m³/s (25,200 ft³/s) Feb. 20, 1971, gage height., 6.14 m (20.15 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1940	06/05/40	629	(22200)	--	6.28	(20.60)	--
1941	09/16/41	95.7	(3380)	--	4.16	(13.66)	--
1942	03/06/42	64.3	(2270)	--	3.47	(11.40)	--
1943	06/16/43	34.6	(1220)	--	2.72	(8.94)	2
1944	06/11/44	388	(13700)	--	5.99	(19.65)	--
1945	06/16/45	129	(4570)	--	3.54	(11.60)	2
1946	06/29/46	42.5	(1500)	--	2.68	(8.78)	2
1947	06/13/47	89.5	(3160)	--	3.46	(11.36)	2
1948	02/28/48	170	(6000)	--	4.68	(15.35)	2
1949	06/02/49	170	(6000)	--	4.60	(15.10)	2
1950	03/05/50	236	(8350)	--	5.30	(17.40)	--
1951	03/27/51	250	(8820)	--	5.11	(16.78)	--
1952	05/23/52	206	(7280)	--	4.54	(14.88)	2
1953	06/08/53	211	(7450)	--	4.62	(15.17)	--
1954	06/21/54	233	(8220)	--	4.81	(15.79)	--
1955	03/03/55	42.5	(1500)	2	4.84	(15.88)	1
1956	06/26/56	223	(7880)	--	4.82	(15.82)	--
1957	07/15/57	217	(7660)	--	4.74	(15.56)	--
1958	02/27/58	193	(6820)	--	4.49	(14.72)	--
1959	05/31/59	178	(6300)	--	4.05	(13.28)	--
1960	04/02/60	266	(9400)	--	5.24	(17.20)	--
1961	03/15/61	63.4	(2240)	--	2.75	(9.01)	2
1962	03/27/62	549	(19400)	--	6.14	(20.15)	--
1963	06/05/63	33.4	(1180)	--	--	--	--
1964	06/22/64	248	(8760)	--	4.42	(14.50)	--
1965	06/04/65	282	(9950)	--	4.66	(15.30)	2
1966	02/09/66	295	(10400)	--	5.18	(17.00)	--
1967	06/15/67	357	(12600)	--	5.27	(17.28)	--
1968	06/25/68	58.6	(2070)	--	2.34	(7.67)	--
1969	06/26/69	337	(11900)	--	5.16	(16.93)	--
1970	06/17/70	20.6	(728)	--	1.54	(5.04)	2

06799500 LOGAN CREEK NEAR UEHLING, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	02/20/71	714	(25200)	--	6.14	(20.15)	--
1972	07/26/72	237	(8360)	--	4.31	(14.13)	2
1973	02/24/73	105	(3700)	2	4.43	(14.52)	1
1974	05/18/74	234	(8270)	--	4.29	(14.06)	--
1975	06/21/75	121	(4270)	--	3.11	(10.21)	--
1976	02/15/76	41.1	(1450)	2	3.07	(10.06)	1
1977	05/09/77	103	(3650)	--	2.86	(9.37)	--
1978	03/19/78	122	(4300)	2	5.37	(17.62)	1
1979	03/18/79	198	(7000)	--	4.57	(15.00)	1
1980	05/27/80	320	(11300)	--	4.99	(16.38)	--
1981	06/15/81	215	(7590)	--	4.11	(13.50)	--
1982	02/20/82	312	(11000)	--	5.41	(17.76)	--
1983	06/14/83	178	(6280)	--	4.06	(13.31)	--
1984	06/16/84	309	(10900)	--	5.47	(17.95)	--
1985	04/24/85	273	(9650)	--	5.24	(17.19)	--
1986	03/19/86	306	(10800)	--	5.45	(17.88)	--
1987	05/27/87	157	(5560)	--	3.74	(12.27)	--
1988	05/21/88	66.6	(2350)	--	2.29	(7.50)	--
1989	03/11/89	71.6	(2530)	--	2.37	(7.77)	2
1990	06/17/90	234	(8260)	--	4.84	(15.87)	--
1991	06/15/91	300	(10600)	--	5.59	(18.34)	--
1992	06/17/92	134	(4730)	--	3.36	(11.04)	--
1993	07/09/93	320	(11300)	--	5.66	(18.57)	--

06799850 POND CREEK NEAR SCHUYLER, NE

LOCATION.--Lat. 41°31'15", long 97°03'33", in SE1/4 NE1/4 sec.22, T.18 N., R.3 E., Colfax County, Hydrologic Unit 10220003, at upstream end of culvert under Nebraska Highway No. 15, 7.6 km (4.7 mi) north of Schuyler.

DRAINAGE AREA.--1.40 km² (0.54 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Lowest recording stage is 3.05 m (10.0 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 14.2 m³/s (500 ft³/s) Sept. 11, 1972, gage height, 3.59 m (11.78 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	/ /68	≤0.01	(≤.5)	--	--	--	--
1969	05/21/69	.03	(1)	2	2.27	(7.44)	--
1970	/ /70	≤0.01	(≤.5)	--	--	--	--
1971	05/10/71	.17	(6)	--	2.44	(8.02)	--
1972	09/11/72	14.2	(500)	--	3.59	(11.78)	--
1973	03/24/73	5.04	(178)	--	3.21	(10.53)	--
1974	08/09/74	.57	(20)	2	--	--	--
1975	06/18/75	--	--	--	3.93	(12.9)	--
1976	05/22/76	.03	(1)	--	2.29	(7.50)	--
1977	05/21/77	2.21	(78)	--	2.97	(9.75)	--
1978	03/18/78	.85	(30)	--	2.74	(9.00)	--

06800000 MAPLE CREEK NEAR NICKERSON, NE

LOCATION.--Lat. 41°33'39", long 96°32'27", in SW1/4 NW1/4 sec.4 T.18 N., R.8 E., Dodge County, Hydrologic Unit 10220003, on right bank 2.4 m (8 ft) downstream from county road bridge 3.2 km (2 mi) upstream from U.S. Highways 77 and 275, 8 km (5 mi) northwest of Nickerson, and 6.4 km (4 mi) upstream from mouth.

DRAINAGE AREA.--1,165 km² (450 mi²), approximately.

PERIOD OF RECORD.--1952 to current year.

GAGE.--Water-stage recorder. Datum of gage is 369.30 m (1,211.62 ft) above sea level. Prior to July 28, 1960, non-recording gage at highway bridge, July 28, 1960 to July 28, 1987, water-stage recorder 180 ft upstream from highway bridge and July 29, 1987 to July 23, 1991 water-stage recorder 9.14 m (30 ft) downstream from highway bridge. All at/near U.S. Highway 77 bridge, 3.2 km (2 mi) upstream from present gage, at datum 5.2 m (17.06 ft) lower.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 991 m³/s (35,000 ft³/s) June 11, 1944, gage height, 4.96 m (16.28 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 329 m³/s (11,000 ft³/s) June 17, 1990, gage height, 5.00 ft (16.30 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1944	06/11/44	991	(35000)	7	4.96	(16.28)	--
1952	06/28/52	13.6	(480)	--	2.12	(6.97)	2
1953	06/25/53	24.6	(870)	--	2.62	(8.58)	--
1954	04/21/54	21.4	(757)	--	2.52	(8.26)	--
1955	06/25/55	31.2	(1100)	--	3.08	(10.12)	--
1956	05/30/56	24.1	(850)	--	2.33	(7.65)	--
1957	06/18/57	65.1	(2300)	2	3.84	(12.61)	2
1958	02/28/58	65.1	(2300)	2	3.84	(12.60)	--
1959	08/04/59	154	(5450)	--	4.09	(13.41)	--
1960	06/21/60	306	(10800)	2	4.47	(14.67)	--
1961	05/31/61	47.0	(1660)	--	3.58	(11.73)	--
1962	03/26/62	156	(5500)	2	--	--	2
1963	06/25/63	79.0	(2790)	--	3.76	(12.34)	--
1964	06/16/64	112	(3940)	--	4.35	(14.27)	--
1965	09/30/65	125	(4410)	--	4.45	(14.60)	--
1966	02/09/66	103	(3630)	--	4.50	(14.75)	1
1967	06/14/67	238	(8400)	--	4.58	(15.03)	--
1968	06/25/68	52.1	(1840)	--	3.34	(10.97)	--
1969	03/27/69	38.5	(1360)	--	2.93	(9.60)	--
1970	01/27/70	21.8	(770)	--	2.35	(7.70)	2
1971	02/20/71	221	(7800)	2	4.82	(15.83)	2
1972	09/11/72	40.5	(1430)	--	3.04	(9.96)	--
1973	05/27/73	25.9	(914)	--	2.49	(8.18)	2
1974	05/19/74	118	(4150)	--	4.59	(15.05)	--
1975	06/19/75	102	(3610)	--	4.25	(13.94)	--
1976	05/23/76	28.2	(995)	--	2.59	(8.50)	2
1977	05/28/77	94.3	(3330)	--	4.26	(13.96)	--
1978	03/19/78	125	(4430)	--	4.84	(15.89)	--
1979	03/14/79	61.5	(2170)	--	4.65	(15.26)	1
1980	06/13/80	53.0	(1870)	--	3.34	(10.96)	--

06800000 MAPLE CREEK NEAR NICKERSON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1981	06/30/81	37.4	(1320)	--	3.05	(10.00)	--
1982	02/21/82	114	(4010)	--	4.81	(15.79)	--
1983	06/18/83	129	(4540)	--	5.04	(16.54)	--
1984	06/17/84	182	(6430)	--	5.38	(17.65)	--
1985	04/27/85	98.6	(3480)	--	4.46	(14.62)	--
1986	06/14/86	98.6	(3480)	--	4.46	(14.62)	--
1987	03/23/87	100	(3540)	--	4.48	(14.70)	--
1988	09/28/88	76.2	(2690)	--	3.97	(13.04)	--
1989	09/04/89	103	(3620)	--	4.77	(15.64)	--
1990	06/17/90	329	(11600)	--	4.97	(16.30)	--
1991	06/05/91	246	(8690)	--	4.91	(16.10)	--
1992	06/16/92	152	(5370)	--	4.18	(13.72)	--
1993	03/09/93	178	(6270)	--	4.35	(14.26)	--

06800350 ELKHORN RIVER TRIBUTARY NEAR NICKERSON, NE

LOCATION.--Lat. 41°30'34", long 96°33'06", in NE1/4 NW1/4 sec.29, T.18 N., R.8 E., Dodge County, on county road bridge 6.4 km (4 mi) north and 4.2 km (2.6 mi) west of Highway 77 - 30 intersection in Fremont, and about 7.2 km (4.5 mi) southwest of Nickerson.

DRAINAGE AREA.--16.9 km² (6.53 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 6.37 m³/s (225 ft³/s) Aug. 2, 1975, gage height, 4.78 m (15.67).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	06/25/68	0.17 (6)	--	3.25 (10.66)	--
1969	03/17/69	5.44 (192)	--	4.64 (15.23)	--
1970	06/11/70	3.88 (137)	--	4.39 (14.40)	--
1971	02/18/71	3.34 (118)	--	4.29 (14.08)	--
1972	05/01/72	.45 (16)	--	3.44 (11.29)	--
1973	03/24/73	2.80 (99)	--	4.18 (13.72)	--
1974	05/10/74	2.86 (101)	--	4.19 (13.76)	--
1975	08/02/75	6.37 (225)	2	4.78 (15.67)	--
1976	03/30/76	.06 (2)	--	3.11 (10.21)	--
1977	06/23/77	1.30 (46)	--	3.79 (12.45)	--
1978	03/18/78	4.25 (150)	2	4.62 (15.16)	--

06800500 ELKHORN RIVER AT WATERLOO, NE

LOCATION.—Lat. 41°17'25", long 96°17'05", in SW1/4 sec.3, T.15 N., R.10 E., Douglas County, Hydrologic Unit 1022003, on right bank 240 m (800 ft) downstream from Nebraska Highway 64 bridge at north edge of Waterloo, 5.6 km (3.5 mi) downstream from Rawhide Creek, and at kilometer 22.2 (mile 13.8).

DRAINAGE AREA.—17,870 km² (6,900 mi²), approximately, of which about 15,200 km² (5,870 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.—1899-1903, 1911-15, 1929 to current year. Published as "at Arlington" 1899-1903, July 1913 to September 1915. Monthly discharge only for some periods, published in WSP 1310.

GAGE.—Water-stage recorder. Datum of gage is 336.72 m (1,104.73 ft) above sea level. Oct. 1, 1960 to July 28, 1978, at datum 0.61 m (2.00 ft) higher. See WSP 1918 for history of changes prior to Oct. 1, 1960.

REMARKS.—Some small diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge since at least 1880, 2,830 m³/s (100,000 ft³/s) June 12, 1944, gage height, 5.06 m (16.60 ft)..

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1881	/ /81	--	--	--	4.42	(14.50)	--
1899	06/13/99	105	(3700)	--	--	--	--
1900	09/13/00	118	(4160)	--	--	--	--
1901	06/23/01	134	(4740)	--	--	--	--
1902	07/10/02	220	(7780)	--	--	--	--
1903	06/03/03	246	(8680)	--	--	--	--
1911	06/30/11	104	(3670)	--	--	--	--
1912	04/02/12	850	(30000)	2	4.88	(16.00)	--
1913	05/18/13	163	(5740)	--	--	--	--
1914	06/16/14	163	(5750)	--	--	--	--
1915	07/17/15	555	(19600)	--	--	--	--
1929	06/19/29	187	(6620)	--	3.27	(10.72)	--
1930	05/12/30	357	(12600)	--	4.05	(13.30)	--
1931	11/21/30	60.0	(2120)	--	2.62	(8.60)	--
1932	05/07/32	309	(10900)	--	3.72	(12.19)	--
1933	07/13/33	199	(7020)	--	3.36	(11.04)	--
1934	06/09/34	228	(8040)	--	3.49	(11.46)	--
1935	06/06/35	93.5	(3300)	2	--	--	--
1936	03/08/36	453	(16000)	--	4.34	(14.23)	--
1937	06/20/37	82.7	(2920)	--	2.97	(9.73)	--
1938	07/08/38	211	(7450)	--	3.51	(11.50)	2
1939	03/13/39	212	(7500)	--	--	--	2
1940	06/07/40	649	(22900)	--	5.20	(17.05)	--
1941	03/10/41	201	(7080)	--	2.00	(6.55)	--
1942	06/20/42	184	(6500)	--	1.61	(5.27)	2
1943	06/14/43	243	(8570)	--	1.86	(6.09)	2
1944	06/12/44	2830	(100000)	--	5.06	(16.60)	--
1945	07/17/45	385	(13600)	--	2.04	(6.69)	2

06800500 ELKHORN RIVER AT WATERLOO, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	02/07/46	162	(5720)	--	1.46	(4.80)	--
1947	06/13/47	399	(14100)	--	2.18	(7.16)	--
1948	03/19/48	405	(14300)	2	2.51	(8.25)	1
1949	03/07/49	595	(21000)	--	2.86	(9.39)	2
1950	03/06/50	473	(16700)	--	2.64	(8.65)	--
1951	03/27/51	779	(27500)	--	3.57	(11.72)	--
1952	03/13/52	402	(14200)	--	3.74	(12.27)	--
1953	06/09/53	405	(14300)	--	3.79	(12.45)	--
1954	06/22/54	436	(15400)	--	4.08	(13.38)	--
1955	07/14/55	182	(6440)	--	3.24	(10.64)	2
1956	06/26/56	197	(6960)	--	3.34	(10.96)	--
1957	06/17/57	368	(13000)	--	3.99	(13.08)	--
1958	08/01/58	575	(20300)	--	4.63	(15.19)	--
1959	05/31/59	379	(13400)	--	3.93	(12.88)	--
1960	04/02/60	1330	(46900)	--	5.82	(19.11)	--
1961	06/02/61	268	(9480)	--	3.31	(10.85)	--
1962	03/29/62	1420	(50200)	--	5.83	(19.12)	--
1963	06/25/63	208	(7350)	--	3.00	(9.83)	--
1964	06/17/64	532	(18800)	--	4.04	(13.27)	--
1965	09/30/65	544	(19200)	--	3.89	(12.75)	2
1966	02/11/66	852	(30100)	--	4.68	(15.35)	--
1967	06/16/67	1120	(39600)	--	5.43	(17.80)	--
1968	06/26/68	185	(6540)	--	2.65	(8.70)	--
1969	06/27/69	524	(18500)	--	3.87	(12.71)	--
1970	04/22/70	93.7	(3310)	--	2.06	(6.75)	2
1971	02/22/71	1180	(41700)	--	5.55	(18.22)	--
1972	07/27/72	259	(9160)	--	2.89	(9.48)	2
1973	02/24/73	252	(8900)	--	2.62	(8.60)	2
1974	05/19/74	544	(19200)	--	3.73	(12.23)	--
1975	06/22/75	306	(10800)	--	3.02	(9.91)	--
1976	05/24/76	171	(6050)	--	2.40	(7.87)	2
1977	05/28/77	261	(9200)	--	2.87	(9.42)	--
1978	03/21/78	1100	(38900)	--	5.32	(17.44)	--
1979	03/18/79	419	(14800)	--	3.57	(11.71)	--
1980	05/28/80	346	(12200)	--	2.87	(9.43)	2
1981	06/15/81	144	(5100)	--	2.15	(7.06)	--
1982	05/20/82	561	(19800)	--	3.86	(12.65)	--
1983	06/19/83	530	(18700)	--	3.69	(12.12)	--
1984	06/18/84	1220	(43100)	--	5.52	(18.12)	--
1985	04/27/85	524	(18500)	--	3.57	(11.71)	--
1986	03/19/86	581	(20500)	--	3.76	(12.35)	--
1987	03/25/87	666	(23500)	--	4.04	(13.24)	--
1988	09/29/88	176	(6210)	--	2.00	(6.55)	2
1989	09/05/89	282	(9950)	--	2.66	(8.74)	2
1990	06/19/90	1050	(37000)	--	5.27	(17.30)	--
1991	06/06/91	688	(24300)	--	4.09	(13.41)	--
1992	06/17/92	541	(19100)	--	3.51	(11.53)	--
1993	03/11/93	949	(33500)	--	4.80	(15.76)	--

06801000 PLATTE RIVER NEAR ASHLAND, NE

LOCATION.--Lat. 41°03'44", long 96°19'28", in SE1/4 SW1/4 sec.29, T.13 N., R.10 E., Sarpy County, Hydrologic Unit 10200202, on left bank upstream side and 10.67 m (35 ft) northeast of Highway 6 bridge, 5 km (3 mi) northeast of Ashland, 3.2 km (2 mi) upstream from Salt Creek, and at kilometer 44.9 (mile 27.9).

DRAINAGE AREA.--218,100 km² (84,200 mi²), from state base maps, scale 1:1,000,000.

PERIOD OF RECORD.--1929-53, 1989 to current year.

GAGE.--Water-stage recorder. Datum of gage is 316.99 m (1,040.00 ft) above sea level. Prior to Oct. 1, 1929, chain gage at former highway bridge 0.8 km (0.5 mi) upstream at datum 4.82 m (15.83 ft) higher. Oct. 1, 1929 to Oct. 7, 1933, staff or chain gage at former bridge datum 4.51 m (14.79 ft) higher. Oct. 14, 1933 to Dec. 10, 1938, water-stage recorder at site 290 km (950 ft) upstream from former bridge at datum 4.51 m (14.79 ft) higher. Dec. 11 1938 to June 16, 1948, water-stage recorder at site of former bridge 0.8 km (0.5 mi) upstream at datum 4.51 m (14.79 ft) higher. June 17, 1948 to May 11, 1953, 1/2 mi downstream on Highway 6 bridge at datum 3.81 m (12.51 ft) higher.

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated area. Previous maximum (3,030 m³/s (107,000 ft³/s) June 12, 1944, was highest known since 1928, and includes overbank flow caused by breaking of dikes.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,680 m³/s (130,000 ft³/s) Mar.10, 1993, gage height, 5.86 m (19.23 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1929	03/13/29	1640	(58000)	2, 6	--	--	1
1930	02/19/30	1130	(39800)	6	--	--	--
1931	10/14/30	518	(18300)	6	--	--	--
1932	02/28/32	1640	(58000)	2, 6	--	--	--
1933	05/08/33	561	(19800)	6	--	--	--
1934	03/06/34	402	(14200)	6	--	--	--
1935	06/07/35	1260	(44400)	6	--	--	--
1936	03/06/36	1360	(48000)	6	--	--	1
1937	03/06/37	694	(24500)	6	--	--	--
1938	07/08/38	1140	(40100)	6	--	--	2
1939	03/21/39	379	(13400)	6	--	--	2
1940	06/08/40	920	(32500)	6	--	--	2
1941	05/22/41	615	(21700)	6	--	--	--
1942	06/21/42	1250	(44100)	6	--	--	--
1943	06/14/43	1590	(56000)	6	--	--	2
1944	06/12/44	3030	(107000)	6	--	--	2
1945	06/11/45	1040	(36800)	6	--	--	--
1946	06/19/46	617	(21800)	6	--	--	--
1947	06/25/47	2250	(79400)	6	--	--	--
1948	03/01/48	1660	(58500)	6	--	--	--
1949	03/08/49	1300	(46000)	6	--	--	--
1950	07/20/50	1360	(47900)	6	1.92	(6.30)	2
1951	06/01/51	1410	(49900)	6	1.80	(5.91)	2
1952	03/13/52	901	(31800)	6	1.30	(4.28)	2
1953	05/11/53	816	(28800)	6	1.55	(5.08)	--
1989	03/12/89	1230	(43600)	6	5.67	(18.60)	--
1990	06/17/90	2280	(80600)	6	6.05	(19.85)	--
1991	06/05/91	1300	(46000)	6	5.74	(18.82)	--
1992	06/17/92	739	(26100)	6	5.53	(18.15)	--
1993	03/10/93	3680	(130000)	2, 6, 9	5.86	(19.23)	1, 2

06801200 OLIVE BRANCH ABOVE SPRAGUE, NE

LOCATION.--Lat. 40°36'29", long 96°46'41", in NW1/4 NW1/4 sec.5, T.7 N., R.6 E., Lancaster County, at a steel bridge on a north-south county road, 3.2 km (2.0 mi) west and 2.01 km (1.25 mi) south of Sprague.

DRAINAGE AREA.--111 km² (43 mi²), approximately.

PERIOD OF RECORD.--1956 to 1960 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 38.57 m (1265.00 ft) above sea level. Lowest recording stage is 2.29 m (7.52 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 55.2 m³/s (1,950 ft³/s) Mar. 27, 1960, gage height, 5.57 m (18.28 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	08/18/56	47.3 (1670)	--	5.32 (17.46)	--
1957	06/17/57	42.5 (1500)	--	5.15 (16.90)	--
1958	07/11/58	45.0 (1590)	--	5.24 (17.19)	--
1959	07/04/59	45.9 (1620)	--	5.28 (17.31)	--
1960	03/27/60	55.2 (1950)	--	5.57 (18.28)	--

06801300 SALT CREEK SUBWATERSHED NO. 3 NEAR SPRAGUE, NE

LOCATION.--Lat. 40°37'20", long 96°43'40", in NW1/4 NE1/4 sec.34, T.8 N., R.6 E., Lancaster County, Hydrologic Unit 10200203, on right bank about 300 m (1000 ft) upstream from confluence with Olive Branch, 0.8 km (0.5 mi) east of Sprague, and 1.4 km (0.9 mi) below Linn Creek detention dam.

DRAINAGE AREA.--10.9 km² (4.20 mi²).

PERIOD OF RECORD.--1955 to 1959 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 379.48 m (1,245 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6.91 m³/s (244 ft³/s) July 2, 1956, gage height, 1.90 m (6.24 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1955	09/20/55	3.26 (115)	--	1.33 (4.37)	--
1956	07/02/56	6.91 (244)	--	1.90 (6.24)	--
1957	06/17/57	1.87 (66)	--	1.16 (3.81)	--
1958	07/11/58	4.47 (158)	--	1.77 (5.82)	--
1959	05/18/59	3.57 (126)	--	1.50 (4.91)	--

06801320 SALT CREEK (OLIVE BRANCH) BELOW SPRAGUE, NE

LOCATION.--Lat. 40°38'30", long 96°43'10", in SW1/4 sec.23, T.8 N., R.6 E., Lancaster County, Hydrologic Unit 10200203, at steel bridge on north-south county road, 1.6 km (1.0 mi) east and 2.01 km (1.25 mi) north of Sprague.

DRAINAGE AREA.--209 km² (81.0 mi²), approximately.

PERIOD OF RECORD.--1956 to 1961 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 373.38 m (1,225 ft) above sea level. Lowest recording stage is 1.72 m (5.66 ft). Crest-stage gage replaced by Stevens A-35 recorder on April 4, 1958, at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 161 m³/s (5,700 ft³/s) Mar. 27, 1960, gage height, 5.22 m (17.12 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	07/02/56	83.3 (2940)	--	4.61 (15.12)	--
1957	06/17/57	56.1 (1980)	--	4.42 (14.50)	--
1958	07/10/58	124 (4380)	--	4.88 (16.02)	--
1959	05/05/59	63.4 (2240)	--	4.71 (15.44)	--
1960	03/27/60	161 (5700)	--	5.22 (17.12)	--
1961	06/19/61	22.9 (810)	--	3.66 (12.00)	--

06801340 HICKMAN BRANCH ABOVE HICKMAN, NE

LOCATION.--SW1/4 SW1/4 sec.31, T.8 N., R.8 E., Lancaster County, Hydrologic Unit 10200203, at wooden bridge on north-south county road near Missouri-Pacific Railroad crossing, 4.8 km (3.0 mi) east and 0.4 km (0.25 mi) south of Hickman.

DRAINAGE AREA.--46.6 km² (18.0 mi²).

PERIOD OF RECORD.--1956 to 1961 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 384.35 m (1,261 ft) above sea level. Lowest recording stage is 0.67 m (2.2 ft). Crest-stage gage replaced by Stevens A-35 recorder on April 9, 1958, at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 255 m³/s (9,000 ft³/s) July 10, 1958, gage height, 4.25 m (13.94 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	07/02/56	107 (3780)	--	3.64 (11.94)	--
1957	06/17/57	13.6 (480)	--	2.88 (9.45)	--
1958	07/10/58	255 (9000)	2	4.25 (13.94)	--
1959	05/04/59	105 (3700)	--	3.60 (11.82)	--
1960	07/18/60	136 (4800)	--	3.69 (12.10)	--
1961	05/30/61	8.58 (303)	--	2.43 (7.97)	--

06801360 HICKMAN BRANCH AT HICKMAN, NE

LOCATION.--NW1/4 SW1/4 sec.34, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, at steel bridge on north-south county road, 0.4 km (0.25 mi) south of Hickman.

DRAINAGE AREA.--83 km² (32 mi²), approximately.

PERIOD OF RECORD.--1956 to 1961 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 374.90 m (1,230 ft) above sea level. Lowest recording stage is 2.07 m (6.78 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 362 m³/s (12,800 ft³/s) July 10, 1958 gage height, 5.89 m (19.31 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	07/02/56	113 (4000)	--	4.59 (15.05)	--
1957	07/01/57	21.4 (755)	--	2.84 (9.31)	--
1958	07/10/58	362 (12800)	2	5.89 (19.31)	--
1959	05/05/59	116 (4100)	--	4.63 (15.20)	--
1960	03/27/60	102 (3600)	--	4.50 (14.75)	--
1961	05/31/61	12.3 (436)	--	2.34 (7.69)	--

06801400 SALT CREEK SUBWATERSHED NO. 1 NEAR ROCA, NE

LOCATION.--Lat. 40°38'30", long 96°39'00", in SE1/4 sec.20, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on right bank at upstream side of SCS stabilizing structure, 240 m (800 ft) downstream from county road, and 2.4 km (1.5 mi) southeast of Roca.

DRAINAGE AREA.--3.78 km² (1.46 mi²).

PERIOD OF RECORD.--1955 to 1961 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 375.57 m (1,232.2 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17.3 m³/s (610 ft³/s) July 2, 1956, gage height, 0.95 m (3.12 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1955	06/24/55	2.01 (71)	--	0.65 (2.12)	--
1956	07/02/56	17.3 (610)	--	.95 (3.12)	--
1957	07/01/57	2.75 (97)	--	.68 (2.23)	--
1958	07/10/58	11.3 (400)	--	.87 (2.87)	--
1959	05/18/59	7.08 (250)	--	.80 (2.63)	--
1960	03/27/60	1.30 (46)	--	.59 (1.95)	--
1961	10/13/60	1.59 (56)	--	.61 (2.01)	--

06801500 SALT CREEK SUBWATERSHED NO. 12 NEAR ROCA, NE

LOCATION.--Lat. 40°39'20", long 96°38'40", in SW1/4 sec.16, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203 on left bank, 3 m (10 ft) upstream from bridge opening on east-west county road, and 1.2 km (0.75 mi) east of Roca.

DRAINAGE AREA.--2.90 km² (1.12 mi²).

PERIOD OF RECORD.--1954 to 1961 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 383.44 m (1,258 ft) above sea level (from topographic map).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15.0 m³/s (528 ft³/s) July 10, 1958, gage height, 2.42 m (7.95 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1954	08/22/54	6.97 (246)	--	0.90 (2.95)	--
1955	06/24/55	5.35 (189)	--	.74 (2.44)	--
1956	07/02/56	12.7 (448)	--	1.76 (5.76)	--
1957	07/01/57	11.0 (389)	--	1.43 (4.69)	--
1958	07/10/58	15.0 (528)	--	2.42 (7.95)	--
1959	05/18/59	12.8 (452)	--	1.80 (5.89)	--
1960	03/27/60	6.94 (245)	--	.91 (2.99)	2
1961	04/11/61	0.79 (28)	--	.34 (1.11)	--

06802500 SALT CREEK SUBWATERSHED NO. 34 NEAR ROCA, NE

LOCATION.--Lat. 40°38'20", long 96°39'42", in SW1/4 SW1/4 sec.20, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 15 m (50 ft) downstream from trestle of Missouri Pacific Railroad and 2.01 km (1.25 mi) south of Roca.

DRAINAGE AREA.--14.8 km² (5.72 mi²).

PERIOD OF RECORD.--1954 to 1961 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 374.90 m (1,230 ft) above sea level (from topographic map). College Park type crest-stage gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73.6 m³/s (2,600 ft³/s) Aug. 18, 1956, gage height, 3.01 m (9.89 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1954	08/23/54	7.08 (250)	--	1.91 (6.25)	--
1955	06/24/55	4.30 (152)	--	1.84 (6.05)	--
1956	08/18/56	73.6 (2600)	--	3.01 (9.89)	2
1957	06/17/57	6.29 (222)	--	1.80 (5.89)	--
1958	07/11/58	32.9 (1160)	--	2.82 (9.24)	--
1959	05/04/59	25.8 (910)	--	2.58 (8.46)	--
1960	03/27/60	51.0 (1800)	--	2.96 (9.71)	--
1961	06/19/61	13.0 (459)	--	2.20 (7.23)	--

06803000 SALT CREEK AT ROCA, NE

LOCATION.--Lat. 40°39'29", long 96°39'55", in NW1/4 SW1/4 sec.17, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 4.6 m (15 ft) downstream from highway bridge at west edge of Roca, and at kilometer 87.2 (mile 54.2).

DRAINAGE AREA.--433 km² (167 mi²).

PERIOD OF RECORD.--1951 to current year.

GAGE.--Water-stage recorder. Datum of gage is 363.47 m (1,192.50 ft) above sea level, Kansas City supplementary adjustment of 1943. Prior to May 16, 1956, non-recording gage at present site and datum.

REMARKS.--Flood flow affected by several detention dams.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1908, 1,900 m³/s (67,000 ft³/s) May 8, 1950, gage height, 7.92 m (26.00 ft), from floodmark established by Corps of Engineers, but stage may have been exceeded by flood of July 5, 1908.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 473 m³/s (16,700 ft³/s) July 10, 1958, gage height, 6.92 m (22.70 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1950	05/08/50	1900	(67000)	7	7.92	(26.00)	--
1951	06/02/51	263	(9300)	--	6.71	(22.00)	--
1952	07/14/52	210	(7410)	--	6.31	(20.71)	--
1953	06/08/53	15.3	(542)	--	2.95	(9.69)	--
1954	08/23/54	152	(5380)	--	6.45	(21.16)	--
1955	06/24/55	24.6	(870)	--	4.72	(15.50)	--
1956	07/02/56	161	(5700)	--	6.35	(20.82)	--
1957	06/18/57	47.3	(1670)	--	5.00	(16.39)	--
1958	07/10/58	473	(16700)	--	6.92	(22.70)	--
1959	05/05/59	201	(7100)	--	6.44	(21.12)	--
1960	03/27/60	167	(5900)	--	6.36	(20.85)	--
1961	06/20/61	27.1	(958)	--	4.21	(13.82)	--
1962	07/20/62	85.0	(3000)	--	6.11	(20.05)	--
1963	06/24/63	239	(8450)	--	6.52	(21.39)	--
1964	06/15/64	28.3	(1000)	2	--	--	--
1965	06/29/65	237	(8380)	--	6.05	(19.84)	--
1966	02/09/66	10.7	(377)	--	3.05	(10.01)	--
1967	06/10/67	71.4	(2520)	--	5.23	(17.15)	--
1968	07/24/68	24.7	(872)	--	3.61	(11.86)	--
1969	04/04/69	96.0	(3390)	--	5.44	(17.85)	--
1970	01/26/70	15.3	(540)	2	3.04	(9.99)	1
1971	03/12/71	22.2	(785)	--	3.38	(11.08)	--
1972	05/01/72	16.3	(575)	--	3.00	(9.85)	--
1973	05/31/73	91.2	(3220)	--	5.38	(17.65)	--
1974	10/11/73	151	(5340)	--	6.13	(20.10)	--
1975	03/17/75	7.93	(280)	2	2.31	(7.57)	1
1976	04/24/76	18.6	(657)	--	2.89	(9.47)	--
1977	09/17/77	20.1	(710)	--	2.97	(9.76)	--
1978	07/22/78	78.7	(2780)	--	5.08	(16.68)	--
1979	03/03/79	97.4	(3440)	--	5.43	(17.82)	--
1980	04/03/80	45.9	(1620)	--	4.04	(13.24)	--

06803000 SALT CREEK AT ROCA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1981	08/02/81	8.30	(293)	--	1.92	(6.31)	--
1982	05/29/82	85.0	(3000)	--	5.46	(17.92)	--
1983	06/18/83	31.7	(1120)	--	3.46	(11.36)	--
1984	06/13/84	156	(5520)	--	6.19	(20.30)	--
1985	12/16/84	36.2	(1280)	--	3.65	(11.97)	--
1986	08/21/86	66.0	(2330)	--	4.77	(15.65)	--
1987	10/11/86	172	(6060)	--	6.15	(20.18)	--
1988	07/09/88	6.85	(242)	--	1.69	(5.56)	--
1989	09/08/89	88.1	(3110)	--	5.52	(18.10)	--
1990	07/26/90	33.7	(1190)	--	3.51	(11.50)	--
1991	04/27/91	11.9	(420)	--	2.14	(7.03)	--
1992	07/25/92	218	(7710)	--	6.63	(21.76)	--
1993	07/25/93	146	(5140)	--	6.13	(20.10)	--

06803200 ANTELOPE CREEK AT 48TH ST. LINCOLN, NE

LOCATION.--Lat. 40°47'16", long 96°39'13", in SE1/4 SW1/4 sec.32, T.10 N., R.7 E., Lancaster County, on left downstream wingwall of culvert at 48th Street in Lincoln.

DRAINAGE AREA.--18.5 km² (7.14 mi²).

PERIOD OF RECORD.--1958 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 361.83 m (1,187.12 ft) above sea level. Lowest recording stage is 1.83 m (6.0 ft). A staff gage was established April 1954. Six current-meter measurements and two verification surveys were made during May and June of 1954. On March 18, 1958, a crest-stage gage was established next to the staff gage.

REMARKS.--Flood flow affected by several detention dams.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 140 m³/s (4,930 ft³/s) June 14, 1951.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 93.4 m³/s (3,300 ft³/s) July 10, 1958, gage height, 5.82 m (19.09 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	06/14/51	140	(4930)	7	--	--	--
1958	07/10/58	93.5	(3300)	--	5.82	(19.09)	--
1959	05/04/59	36.2	(1280)	--	3.68	(12.06)	--
1960	07/17/60	12.5	(440)	--	2.75	(9.02)	--
1961	08/21/61	7.28	(257)	--	2.35	(7.71)	--
1962	08/31/62	20.3	(717)	6	3.05	(10.02)	--
1963	06/24/63	27.5	(970)	6	3.34	(10.97)	--
1964	06/16/64	10.8	(382)	6	2.69	(8.81)	--
1965	06/02/65	53.2	(1880)	6	4.48	(14.71)	--
1966	06/27/66	28.9	(1020)	6	3.40	(11.17)	--
1967	06/07/67	13.0	(460)	6	2.77	(9.10)	--
1968	09/03/68	7.53	(266)	6	2.38	(7.81)	--
1969	04/04/69	5.66	(200)	6	2.12	(6.94)	--
1970	07/13/70	6.91	(244)	6	2.29	(7.51)	--
1971	07/22/71	8.50	(300)	6	2.50	(8.20)	--
1972	05/06/72	7.93	(280)	6	2.43	(7.98)	--
1973	09/26/73	29.7	(1050)	6	3.67	(12.05)	--
1974	10/11/73	30.3	(1070)	6	3.69	(12.12)	--
1975	10/30/74	7.73	(273)	6	2.42	(7.95)	--
1976	04/24/76	2.97	(105)	6	1.78	(5.85)	--
1977	07/11/77	28.3	(1000)	6	3.38	(11.10)	--
1978	03/13/78	20.7	(730)	6	3.26	(10.68)	--

06803300 ANTELOPE CREEK AT 27TH ST. LINCOLN, NE

LOCATION.--Lat. 40°48'10", long 96°40'56", in NE1/4 SE1/4 sec.25, T.10 N., R.6 E., Lancaster County, on downstream side of bridge at 27th Street and Alpha Street in Lincoln.

DRAINAGE AREA.--27.5 km² (10.6 mi²).

PERIOD OF RECORD.--1957 to 1978 (discontinued).

GAGE.--College Park crest-stage gage. Datum of gage is 352.25 m (1,155.69 ft) above sea level. Lowest recording stage is 1.66 m (5.44 ft). Antelope Creek Dam, located at about 61st and Van Dorn, was built in 1962, the south channel closure was made on June 28 and the north channel closure was made on September 17, 1962. The dam controls the flow from 14.1 km² (5.46 mi²) drainage area above the structure.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 72.8 m³/s (2,570 ft³/s) July 10, 1958, gage height, 3.92 m (12.85 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1957	07/01/57	71.1	(2510)	--	3.87	(12.70)	--
1958	07/10/58	72.8	(2570)	--	3.92	(12.85)	--
1959	05/04/59	32.0	(1130)	--	2.67	(8.75)	--
1960	07/17/60	24.4	(860)	--	2.39	(7.83)	--
1961	08/21/61	27.0	(952)	--	2.48	(8.15)	--
1962	07/19/62	35.7	(1260)	6	2.79	(9.16)	--
1963	06/24/63	47.0	(1660)	6	3.15	(10.33)	--
1964	06/16/64	33.7	(1190)	6	2.72	(8.92)	--
1965	06/02/65	54.1	(1910)	6	3.37	(11.05)	--
1966	06/27/66	29.7	(1050)	6	2.58	(8.48)	--
1967	07/26/67	56.1	(1980)	6	3.43	(11.26)	--
1968	07/23/68	27.0	(952)	6	2.49	(8.17)	--
1969	07/06/69	13.5	(475)	6	1.93	(6.34)	--
1970	07/13/70	9.63	(340)	6	1.17	(3.84)	--
1971	05/10/71	17.8	(630)	6	1.77	(5.82)	--
1972	08/24/72	20.4	(720)	6	1.62	(5.30)	--
1973	09/26/73	51.8	(1830)	6	2.66	(8.74)	--
1974	10/11/73	43.9	(1550)	6	2.42	(7.95)	--
1975	10/30/74	12.7	(450)	6	1.16	(3.80)	--
1976	09/25/76	8.07	(285)	6	0.79	(2.60)	--
1977	07/11/77	48.1	(1700)	6	2.55	(8.35)	--
1978	03/13/78	22.7	(800)	2, 6	--	--	--

06803400 ANTELOPE CREEK AT LINCOLN, NE

LOCATION.--Lat. 40°49'26", long 96°41'47", in SW1/4 NW1/4 sec.24, T.10 N., R.6 E., Lancaster County, on right bank 12 m (40 ft) downstream from bridge on 17th Street in Lincoln, 1,100 m (3,600 ft) upstream from Salt Creek.

DRAINAGE AREA.--31.3 km² (12.1 mi²).

PERIOD OF RECORD.--1958 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 344.72 m (1,130.97 ft) above sea level. Lowest recording stage is 0.3 m (1.0 ft). The station was operated as a complete record station until Sept. 30, 1962, using a Stevens A-35 recorder to supply the stage record. A Model A recorder was installed on July 25, 1963, to replace the A-35 recorder. The station has been published as a crest-stage station since Oct. 1, 1962. The peak stages are obtained from seed and mud lines on the riser pipes in the well. The channel was lined with concrete in the fall river.

REMARKS.--Antelope Creek Dam located at about 61st and Van Dorn was built in 1962, the south channel closure was made on June 28 and the north channel was closed on Sept. 17. Since that time, the dam has controlled the flow by storage in Antelope Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 95.4 m³/s (3,370 ft³/s) July 26, 1967, gage height, 3.08 m (10.10 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1958	07/10/58	79.3 (2800)	--	2.90 (9.50)	2
1959	05/18/59	53.2 (1880)	--	2.37 (7.78)	--
1960	07/17/60	31.7 (1120)	--	1.93 (6.32)	--
1961	08/21/61	34.3 (1210)	--	1.99 (6.52)	--
1962	08/31/62	37.9 (1340)	6	2.06 (6.77)	--
1963	06/24/63	63.2 (2230)	6	2.56 (8.39)	--
1964	06/16/64	47.9 (1690)	6	2.27 (7.44)	--
1965	06/02/65	89.2 (3150)	6	2.98 (9.78)	--
1966	06/27/66	48.4 (1710)	6	2.28 (7.48)	--
1967	07/26/67	95.4 (3370)	6	3.08 (10.10)	--
1968	09/03/68	38.2 (1350)	6	2.07 (6.80)	--
1969	07/06/69	25.5 (900)	6	1.77 (5.80)	--
1970	07/13/70	19.0 (670)	6	1.60 (5.24)	--
1971	05/10/71	25.1 (885)	6	1.76 (5.78)	--
1972	08/24/72	18.4 (650)	6	1.58 (5.20)	--
1973	09/26/73	52.4 (1850)	6	2.34 (7.68)	--
1974	05/18/74	34.6 (1220)	6	1.99 (6.52)	2
1975	04/22/75	18.0 (635)	6	1.57 (5.15)	--
1976	05/12/76	17.8 (630)	6	1.56 (5.13)	--
1977	07/11/77	34.8 (1230)	6	1.98 (6.50)	--
1978	03/13/78	34.0 (1200)	6	1.98 (6.50)	--

06803450 OAK CREEK NEAR RAYMOND, NE

LOCATION.--Lat. 40°57'58", long 96°50'30", in NW1/4 SE1/4 sec.34, T.12 N., R.5 E., Lancaster County, Hydrologic Unit 10200203, near center of span on downstream side of county road bridge, 1.6 km (1.0 mi) downstream from Middle Oak Creek and 4.8 km (3.0 mi) west of Raymond.

DRAINAGE AREA.--230 km² (88.7 mi²).

PERIOD OF RECORD.--1963 to 1967 (discontinued).

GAGE.--Wire-weight gage read once daily and more frequently during high stages. Datum of gage is 373.35 m (1,224.90 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 93.7 m³/s (3,310 ft³/s) June 17, 1964, gage height, 6.36 m (20.85 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1963	06/24/63	88.9 (3140)	--	6.22 (20.40)	--
1964	06/17/64	93.7 (3310)	--	6.36 (20.85)	--
1965	05/09/65	64.6 (2280)	--	5.43 (17.82)	--
1966	06/28/66	40.8 (1440)	--	4.50 (14.75)	--
1967	06/15/67	86.9 (3070)	--	6.16 (20.20)	--

06803500 SALT CREEK AT LINCOLN, NE

LOCATION.--Lat. 40°50'49", long 96°40'54", in NW1/4 SW1/4 sec.7, T.10 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on right bank 41.1 m (135 ft) downstream from bridge on North 27th Street at north edge of Lincoln, 1.6 km (1 mi) downstream from Oak Creek and at kilometer 49.9 (mile 31.0).

DRAINAGE AREA.--1,775 km² (685 mi²).

PERIOD OF RECORD.--1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 339.52 m (1,113.90 ft) above sea level. Prior to July 27, 1979, water-stage recorder for stages above 1.9 m (6.2 ft) on downstream side of bridge pier, 41.1 m (135 ft) upstream at same datum, and nonrecording gage read twice daily.

REMARKS.--Flood flow affected by several detention dams. Flood of July 24, 1993, may have equaled or exceeded in discharge by flood of July 6, 1908, which reached a stage of 10.2 m (33.6 ft). Channel changes since 1908 have materially altered the stage-discharge relationship.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 804 m³/s (28,400 ft³/s) July 24, 1993, gage height, 8.08 m (26.52 ft). Maximum discharge since at least 1908, 799 m³/s (28,200 ft³/s) June 2, 1951, gage height, 7.97 m (26.15 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1950	05/09/50	787	(27800)	--	7.94	(26.05)	--
1951	06/02/51	799	(28200)	--	7.97	(26.15)	--
1952	06/27/52	442	(15600)	--	5.27	(17.28)	--
1953	07/21/53	47.0	(1660)	--	2.56	(8.39)	--
1954	06/17/54	334	(11800)	--	4.82	(15.83)	--
1955	06/24/55	172	(6060)	--	3.99	(13.10)	--
1956	09/05/56	169	(5960)	--	3.85	(12.62)	--
1957	07/01/57	408	(14400)	--	5.92	(19.43)	--
1958	07/10/58	615	(21700)	--	7.01	(23.00)	--
1959	05/06/59	320	(11300)	--	4.96	(16.27)	--
1960	03/27/60	487	(17200)	--	5.71	(18.75)	--
1961	09/11/61	75.0	(2650)	--	2.96	(9.72)	--
1962	07/20/62	140	(4950)	--	3.76	(12.35)	--
1963	06/25/63	612	(21600)	--	7.19	(23.60)	--
1964	06/17/64	419	(14800)	--	5.80	(19.02)	--
1965	06/29/65	394	(13900)	--	5.80	(19.03)	--
1966	06/28/66	130	(4580)	--	3.41	(11.18)	--
1967	06/07/67	326	(11500)	--	5.29	(17.37)	--
1968	09/03/68	61.7	(2180)	--	2.76	(9.05)	--
1969	04/04/69	206	(7270)	--	4.42	(14.50)	--
1970	09/15/70	26.6	(940)	--	2.09	(6.87)	--
1971	05/11/71	116	(4110)	--	3.44	(11.30)	--
1972	05/01/72	113	(3980)	--	3.40	(11.15)	--
1973	03/31/73	247	(8730)	--	4.70	(15.41)	--
1974	10/11/73	600	(21200)	--	7.25	(23.80)	--
1975	10/30/74	24.6	(868)	--	1.94	(6.37)	--
1976	04/25/76	17.3	(610)	--	1.71	(5.60)	--
1977	09/03/77	215	(7600)	--	4.66	(15.30)	--
1978	03/13/78	173	(6110)	--	4.15	(13.61)	--
1979	03/03/79	337	(11900)	--	5.67	(18.60)	--
1980	06/02/80	161	(5680)	--	3.93	(12.88)	--

06803500 SALT CREEK AT LINCOLN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1981	08/01/81	132	(4670)	--	3.61	(11.85)	--
1982	06/15/82	496	(17500)	--	6.68	(21.90)	--
1983	06/27/83	297	(10500)	--	5.22	(17.14)	--
1984	06/13/84	442	(15600)	--	6.38	(20.92)	--
1985	07/19/85	365	(12900)	--	5.82	(19.10)	--
1986	07/01/86	235	(8290)	--	4.54	(14.88)	--
1987	10/11/86	515	(18200)	--	6.38	(20.94)	--
1988	09/28/88	112	(3940)	--	2.90	(9.51)	--
1989	09/08/89	657	(23200)	--	6.91	(22.67)	--
1990	07/26/90	544	(19200)	--	6.23	(20.43)	--
1991	06/21/91	138	(4880)	--	3.11	(10.21)	--
1992	07/26/92	207	(7310)	--	3.78	(12.39)	--
1993	07/24/93	804	(28400)	--	8.08	(26.52)	--

06803510 LITTLE SALT CREEK NEAR LINCOLN, NE

LOCATION.--Lat. 40°53'36", long 96°40'52", in NW1/4 SW1/4 sec.30, T.11 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 3 m (10 ft) downstream from county road bridge, 0.6 km (0.4 mi) north of intersection of Interstate Highway 80 and North 27th Street north of Lincoln, and at kilometer 2.6 (mile 1.6).

DRAINAGE AREA.--113 km² (43.6 mi²).

PERIOD OF RECORD.--1969 to current year.

GAGE.--Water-stage recorder. Datum of gage is 339.77 m (1,114.73 ft) above sea level. Prior to Oct. 10, 1980, water-stage recorder at present site and datum 0.91 m (3.00 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 240 m³/s (8,480 ft³/s) July 24, 1993, gage height, 6.27 m (20.58 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1969	04/16/69	16.1	(570)	--	1.97	(6.45)	--
1970	05/24/70	15.9	(560)	--	1.95	(6.40)	--
1971	02/18/71	16.4	(578)	--	1.98	(6.49)	--
1972	05/01/72	20.2	(712)	--	2.15	(7.05)	--
1973	05/07/73	20.4	(720)	--	2.16	(7.08)	--
1974	04/28/74	58.9	(2080)	--	2.80	(9.18)	2
1975	06/02/75	11.4	(402)	--	1.70	(5.59)	--
1976	07/21/76	9.03	(319)	--	1.57	(5.16)	--
1977	09/03/77	66.6	(2350)	--	3.63	(11.90)	--
1978	03/13/78	32.0	(1130)	--	2.37	(7.76)	--
1979	05/02/79	94.0	(3320)	--	3.49	(11.45)	--
1980	06/02/80	90.3	(3190)	--	3.44	(11.27)	--
1981	08/05/81	13.4	(474)	--	2.51	(8.24)	--
1982	06/15/82	185	(6520)	--	4.82	(15.80)	--
1983	05/18/83	66.3	(2340)	--	3.94	(12.92)	--
1984	06/12/84	212	(7500)	--	4.94	(16.20)	--
1985	07/19/85	227	(8000)	--	5.56	(18.24)	--
1986	08/20/86	32.3	(1140)	--	3.19	(10.46)	--
1987	08/25/87	216	(7640)	--	6.10	(20.02)	--
1988	05/21/88	25.7	(907)	--	2.92	(9.58)	--
1989	09/08/89	140	(4940)	--	5.44	(17.86)	--
1990	07/26/90	127	(4470)	--	5.31	(17.41)	--
1991	07/09/91	25.1	(886)	--	2.89	(9.47)	--
1992	07/13/92	30.9	(1090)	--	3.59	(11.77)	--
1993	07/24/93	240	(8480)	--	6.27	(20.58)	--

06803520 STEVENS CREEK NEAR LINCOLN, NE

LOCATION.--Lat. 40°51'25", long 96°35'42", in NW1/4 NE1/4 sec.11, T.10 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 3 m (10 ft) upstream, 6.1 m (20 ft) west from county road bridge on Havelock Avenue, 2.6 km (1.6 mi) east of 70th Street at east edge of Lincoln, and at kilometer 5.1 (mile 3.2).

DRAINAGE AREA.--124 km² (47.8 mi²).

PERIOD OF RECORD.--1969 to current year.

GAGE.--Water-stage recorder. Datum of gage is 343.07 m (1,125.57 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 365 m³/s (12,900 ft³/s) Sept. 8, 1989, gage height, 5.92 m (19.42 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1969	04/04/69	62.9	(2220)	--	4.83	(15.84)	--
1970	01/26/70	6.80	(240)	--	2.11	(6.92)	1
1971	05/11/71	19.8	(699)	--	3.08	(10.11)	--
1972	05/01/72	6.43	(227)	--	1.85	(6.07)	--
1973	03/31/73	49.8	(1760)	--	4.49	(14.72)	--
1974	10/10/73	80.7	(2850)	--	5.19	(17.03)	--
1975	03/19/75	4.28	(151)	--	1.55	(5.08)	2
1976	04/27/76	2.15	(76)	--	1.28	(4.20)	--
1977	09/03/77	74.2	(2620)	--	5.22	(17.13)	--
1978	07/22/78	88.4	(3120)	--	5.18	(17.01)	--
1979	03/03/79	73.6	(2600)	--	4.87	(15.99)	--
1980	08/17/80	34.6	(1220)	--	3.15	(10.34)	--
1981	09/25/81	25.4	(898)	--	2.69	(8.83)	--
1982	06/15/82	108	(3820)	--	5.75	(18.85)	--
1983	06/27/83	75.3	(2660)	--	4.51	(14.79)	--
1984	06/13/84	131	(4620)	--	5.96	(19.57)	--
1985	07/19/85	29.5	(1040)	--	2.85	(9.34)	--
1986	07/06/86	101	(3550)	--	5.22	(17.11)	--
1987	10/11/86	117	(4140)	--	5.64	(18.50)	--
1988	05/21/88	15.5	(547)	--	1.98	(6.49)	--
1989	09/08/89	365	(12900)	--	5.92	(19.42)	--
1990	07/26/90	206	(7270)	--	5.41	(17.75)	--
1991	06/21/91	26.3	(930)	--	2.51	(8.23)	--
1992	07/13/92	47.9	(1690)	--	3.35	(10.99)	--
1993	07/24/93	276	(9760)	--	5.67	(18.59)	--

06803530 ROCK CREEK NEAR CERESCO, NE

LOCATION.--Lat. 41°00'56", long 96°32'39", in NE1/4 NE1/4 sec.17, T.12 N., R.8 E., Lancaster County, Hydrologic Unit 10200203, on right bank 6.1 m (20 ft) downstream from bridge on east-west county road, 9.2 km (5.7 mi) southeast of Ceresco, and at kilometer 12.2 (mile 7.6).

DRAINAGE AREA.--308 km² (119 mi²).

PERIOD OF RECORD.--1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 338.99 m (1,112.18 ft) above sea level, Apr. 1970, to Feb. 6, 1980, at present site and datum 0.91 m (3.0 ft) higher; Feb. 7, 1980, to July 13, 1981, at present site and present datum; July 14, 1981, to Feb. 29, 1984, on left bank 9.1 m (30 ft) downstream from bridge at present datum; Mar. 1, 1984, to May 28, 1984, wire weight gage only, at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 660 m³/s (23,300 ft³/s) Aug. 25, 1987, gage height, 5.97 m (19.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1970	06/11/70	14.8 (522)	--	1.86 (6.11)	--
1971	03/11/71	59.5 (2100)	--	3.08 (10.10)	--
1972	05/01/72	117 (4120)	--	4.33 (14.20)	--
1973	03/31/73	47.0 (1660)	--	2.96 (9.70)	--
1974	10/11/73	77.0 (2720)	--	3.86 (12.67)	--
1975	06/23/75	19.8 (700)	--	1.71 (5.60)	--
1976	02/16/76	3.74 (132)	--	0.77 (2.54)	--
1977	09/03/77	67.7 (2390)	--	3.51 (11.53)	--
1978	04/09/78	55.5 (1960)	--	3.05 (10.01)	2
1979	03/03/79	85.0 (3000)	--	4.08 (13.37)	--
1980	06/02/80	57.8 (2040)	--	3.51 (11.52)	--
1981	08/05/81	113 (3980)	--	5.13 (16.84)	--
1982	06/15/82	306 (10800)	--	5.74 (18.84)	--
1983	06/18/83	70.0 (2470)	--	3.81 (12.51)	--
1984	06/12/84	164 (5800)	--	5.32 (17.47)	--
1985	07/19/85	89.5 (3160)	--	4.09 (13.41)	--
1986	08/21/86	81.0 (2860)	--	3.81 (12.50)	--
1987	08/25/87	660 (23300)	--	5.97 (19.60)	--
1988	09/29/88	43.9 (1550)	--	2.91 (9.54)	--
1989	09/09/89	124 (4380)	--	4.75 (15.59)	--
1990	07/26/90	177 (6240)	--	5.29 (17.36)	--
1991	07/09/91	60.0 (2120)	--	3.22 (10.56)	--
1992	07/12/92	36.5 (1290)	--	2.38 (7.81)	--
1993	07/23/93	442 (15600)	--	5.60 (18.36)	--

06803540 DEE CREEK NEAR ALVO, NE

LOCATION.--Lat. 40°54'52", long 96°25'04", in SE1/4 SE1/4 sec.17, T.11 N., R.9 E., Cass County, Hydrologic Unit 10240001, at downstream side of Cass County road bridge 4.8 km (3 mi) south and 1.6 km (1 mi) east of Greenwood and 3.2 km (2 mi) west and 4.8 km (3 mi) north of Alvo.

DRAINAGE AREA.--20.4 km² (7.88 mi²).

PERIOD OF RECORD.--1962 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 347.47 m (1,140.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). A daily stage-rainfall recorder was installed on March 19, 1965. The rainfall-recording well was changed from a 5-inch to a 10-inch (12.7 to 25.4 cm) well on June 4, 1968. The S-R stage well was shortened 0.3 m (1 ft) on April 14, 1972 so that the lowest recording stage was changed from 2.47 to 2.78 m (8.12 to 9.12 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 79.3 m³/s (2,800 ft³/s) July 22, 1978, gage height, 6.21 m (20.38 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1962	05/28/62	24.9 (880)	--	3.81 (12.50)	--
1963	06/24/63	65.7 (2320)	--	5.61 (18.39)	--
1964	06/16/64	45.3 (1600)	--	4.72 (15.48)	--
1965	07/19/65	72.8 (2570)	--	5.86 (19.23)	--
1966	06/27/66	0.88 (31)	--	2.03 (6.67)	--
1967	06/07/67	68.5 (2420)	--	5.71 (18.72)	--
1968	09/03/68	14.7 (518)	--	3.25 (10.65)	--
1969	10/16/68	20.4 (720)	--	3.57 (11.72)	--
1970	05/31/70	9.35 (330)	--	2.90 (9.50)	--
1971	05/10/71	65.6 (2315)	--	5.59 (18.35)	--
1972	04/20/72	4.96 (175)	--	2.55 (8.35)	--
1973	09/26/73	54.4 (1920)	--	5.12 (16.79)	--
1974	10/10/73	38.2 (1350)	--	4.42 (14.51)	--
1975	03/27/75	1.76 (62)	--	2.19 (7.20)	--
1976	09/25/76	.03 (1)	--	2.35 (7.71)	--
1977	08/16/77	41.9 (1480)	--	4.57 (15.00)	--
1978	07/22/78	79.3 (2800)	--	6.21 (20.38)	--

06803555 SALT CREEK AT GREENWOOD, NE

LOCATION.--Lat. 40°57'56", long 96°27'01", at center of sec.31, T.12 N., R.9 E., Cass County, Hydrologic Unit 10200203, on right bank just downstream from county bridge, 0.8 km (0.5 mi) west of Greenwood, and at kilometer 20.9 (mile 13.0).

DRAINAGE AREA.--2,720 km² (1,050 mi²).

PERIOD OF RECORD.--1952 to current year. Records furnished by Corps of Engineers prior to Oct. 1, 1972.

GAGE.--Water-stage recorder. Datum of gage is 325.57 m (1,068.14 ft) above sea level. Prior to Nov. 5, 1964, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,330 m³/s (46,800 ft³/s) June 13, 1984, gage height, 8.08 m (26.50 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1952	06/27/52	507	(17900)	--	5.28	(17.32)	--
1953	02/05/53	14.4	(510)	--	1.62	(5.30)	--
1954	06/17/54	283	(10000)	--	4.15	(13.63)	--
1955	06/24/55	459	(16200)	--	5.04	(16.53)	--
1956	09/05/56	174	(6160)	--	3.49	(11.44)	--
1957	07/01/57	1040	(36800)	--	6.96	(22.85)	--
1958	07/10/58	779	(27500)	--	6.81	(22.35)	--
1959	05/05/59	521	(18400)	--	5.20	(17.05)	--
1960	03/28/60	748	(26400)	--	6.10	(20.00)	--
1961	06/14/61	77.6	(2740)	--	2.47	(8.12)	--
1962	07/21/62	135	(4780)	--	3.09	(10.15)	2
1963	06/24/63	1160	(41000)	--	7.15	(23.46)	--
1964	06/17/64	969	(34200)	--	6.76	(22.19)	--
1965	05/22/65	736	(26000)	--	6.07	(19.90)	--
1966	06/28/66	164	(5800)	--	3.34	(10.95)	--
1967	06/07/67	691	(24400)	--	5.91	(19.39)	--
1968	09/04/68	56.6	(2000)	--	2.19	(7.19)	--
1969	04/04/69	208	(7360)	--	3.68	(12.07)	--
1970	09/15/70	31.7	(1120)	--	1.72	(5.63)	2
1971	05/11/71	262	(9260)	--	4.04	(13.26)	--
1972	05/01/72	166	(5860)	--	3.36	(11.01)	--
1973	03/31/73	405	(14300)	--	4.62	(15.17)	--
1974	10/11/73	1120	(39400)	--	7.16	(23.50)	--
1975	03/20/75	44.2	(1560)	--	1.78	(5.85)	--
1976	04/27/76	30.9	(1090)	--	1.54	(5.04)	--
1977	09/03/77	609	(21500)	--	5.62	(18.43)	--
1978	07/22/78	346	(12200)	--	4.46	(14.62)	2
1979	03/03/79	1010	(35500)	--	6.63	(21.75)	--
1980	06/02/80	317	(11200)	--	4.05	(13.28)	--
1981	08/05/81	268	(9470)	--	3.69	(12.12)	--
1982	06/15/82	1130	(39900)	--	7.60	(24.93)	--
1983	06/27/83	436	(15400)	--	4.91	(16.11)	--
1984	06/13/84	1330	(46800)	--	8.08	(26.50)	--
1985	07/19/85	739	(26100)	--	6.28	(20.60)	--

06803555 SALT CREEK AT GREENWOOD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1986	04/28/86	360	(12700)	--	4.44	(14.57)	--
1987	08/25/87	1130	(40000)	--	7.70	(25.25)	--
1988	09/29/88	105	(3690)	--	2.44	(7.99)	--
1989	09/09/89	971	(34300)	--	7.52	(24.68)	--
1990	07/26/90	1150	(40600)	--	7.85	(25.77)	--
1991	07/09/91	251	(8880)	--	3.73	(12.23)	--
1992	07/13/92	252	(8890)	--	3.56	(11.67)	--
1993	07/24/93	1190	(42000)	--	8.10	(26.57)	--

06803570 DUNLAP CREEK TRIBUTARY NEAR WESTON, NE

LOCATION.--Lat. 41°12'25", long 96°48'46", in SE1/4 SE1/4 sec.2, T.14 N., R.5 E., Saunders County, Hydrologic Unit 10200203, just upstream from an 8x8' (2.4 x 2.4 m) concrete box culvert on State Highway 79, and 61 m (200 ft) north of U.S. Highway 30-A and 5.6 km (3.5 mi) northwest of Weston.

DRAINAGE AREA.--1.11 km² (0.43 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 417.58 m (1,370.00 ft) above sea level. Lowest recording stage is 3.35 m (11.0 ft). Prior to 1960 this station was considered as a tributary of Dunlap Creek which is an error. During the rebuilding of State Highway 79 in the fall of 1961, the existing box culvert was extended. On March 22, 1962, a new gage was installed in sections above the upstream end of the culvert. The new gage sections installed on Mar. 22, 1962 are 1.22 m (4.00 ft) higher than original datum. The lower section of the gage was raised 0.3 m (1.00 ft) on July 17, 1963. Datum was not changed but lower readings from lower gage section were corrected by 0.3 m (1.00 ft) during the period July 17, 1963 to Oct. 1968. The graduations on the stick were renumbered prior to the 1969 season, so gage correct.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26.1 m³/s (923 ft³/s) June 24, 1963, gage height, 5.81 m (19.05 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1950	08/12/50	13.6 (480)	--	--	--
1951	06/01/51	15.6 (550)	--	--	--
1952	06/27/52	5.89 (208)	--	--	--
1953	07/27/53	0.31 (11)	--	--	--
1954	08/07/54	.03 (1)	--	--	--
1955	06/24/55	5.81 (205)	--	--	--
1956	/ /56	≤.01 (≤.5)	--	--	--
1957	06/15/57	10.8 (383)	--	--	--
1958	07/19/58	8.78 (310)	--	--	--
1959	08/02/59	4.98 (176)	--	--	--
1960	08/24/60	6.09 (215)	--	--	--
1961	04/11/61	.368 (13)	--	--	--
1962	10/10/61	3.46 (122)	--	3.94 (12.92)	--
1963	06/24/63	26.1 (923)	--	5.81 (19.05)	--
1964	06/15/64	18.8 (663)	--	5.41 (17.74)	--
1965	06/29/65	14.2 (500)	--	5.10 (16.74)	--
1966	08/13/66	5.04 (178)	--	4.20 (13.78)	--
1967	06/20/67	16.9 (597)	--	5.29 (17.37)	--
1968	08/27/68	4.53 (160)	--	4.12 (13.52)	--
1969	10/17/68	12.3 (434)	--	4.97 (16.32)	--
1970	03/03/70	2.46 (87)	--	3.72 (12.20)	--
1971	05/06/71	5.52 (195)	--	4.27 (14.02)	--
1972	06/19/72	3.20 (113)	--	3.88 (12.72)	--
1973	06/05/73	8.21 (290)	--	4.43 (14.55)	--
1974	04/14/74	3.62 (128)	--	3.96 (12.99)	--
1975	06/18/75	5.38 (190)	--	4.26 (13.97)	--
1976	09/25/76	.06 (2)	2	3.11 (10.20)	--
1977	08/31/77	16.6 (585)	--	5.27 (17.28)	--
1978	06/22/78	20.4 (720)	--	5.51 (18.07)	--

06803600 NORTH FORK WAHOO CREEK NEAR PRAGUE, NE

LOCATION.--Lat. 41°16', long 96°49', in NW1/4 NW1/4 sec.24, T.15 N., R.5 E., Saunders County, Hydrologic Unit 10200203, on downstream side of bridge on State Highway 79. This bridge is 0.3 km (0.2 mi) south of county road intersection and 6.1 km (3.8 mi) north of State Highway 30-A. It is 5.6 km (3.5 mi) south of the town of Prague.

DRAINAGE AREA.--39.4 km² (15.2 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 393.04 m (1,289.49 ft) above sea level. Lowest recording stage, since May 12, 1964, is 3.05 m (10.00 ft). On May 1, 1952 the gage was raised 0.38 m (1.26 ft). During the rebuilding of State Highway 79 in the fall of 1961, the old bridge to which the gage was mounted was removed. On March 21, 1962 a new gage was mounted on the downstream end of the left pier of the new bridge. The datum of the new gage was 1.27 m (4.17 ft) higher than the datum of May 1, 1952. The new gage is approximately 15 m (50 ft) north of the original gage location. On May 12, 1964, the gage was raised 0.61 m (2.00 ft) to raise the bottom of the gage out of the mud. The datum of the gage is 1.88 m (6.17 ft) higher than the datum of May 1, 1952. Prior to May 1, 1952, lowest recording stage was .69m (2.27 ft). From May 1, 1952, until Mar. 21, 1962, lowest recording stage was 1.17 m (3.83 ft). From Mar. 21, 1962, until May 12, 1964, lowest recording stage was 2.44 m (8.0 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1843, 450 m³/s (15,900 ft³/s) June 24, 1963, gage height, 9.72 m (31.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/31/51	362 (12800)	--	7.47 (24.51)	--
1952	06/27/52	128 (4520)	--	5.99 (19.64)	--
1953	07/27/53	46.7 (1650)	--	3.77 (12.37)	--
1954	02/20/54	1.56 (55)	--	1.39 (4.57)	--
1955	06/24/55	43.6 (1540)	--	3.67 (12.03)	--
1956	05/13/56	91.2 (3220)	--	5.06 (16.59)	--
1957	07/01/57	148 (5230)	--	6.34 (20.81)	--
1958	04/03/58	12.5 (440)	--	2.93 (9.62)	--
1959	08/02/59	362 (12800)	--	7.60 (24.95)	--
1960	08/24/60	118 (4160)	--	6.25 (20.51)	--
1961	08/21/61	10.0 (353)	--	2.81 (9.23)	--
1962	05/28/62	24.9 (880)	--	3.50 (11.49)	--
1963	06/24/63	450 (15900)	--	9.72 (31.90)	--
1964	06/16/64	165 (5820)	--	7.08 (23.22)	--
1965	06/29/65	140 (4940)	--	6.71 (22.02)	--
1966	08/13/66	28.9 (1020)	--	3.60 (11.81)	--
1967	06/05/67	82.4 (2910)	--	5.30 (17.38)	--
1968	09/04/68	11.3 (400)	--	2.80 (9.20)	--
1969	03/17/69	21.0 (740)	--	3.27 (10.73)	--
1970	09/03/70	0.40 (14)	--	0.96 (3.14)	--
1971	05/10/71	7.59 (268)	--	2.58 (8.45)	--
1972	09/11/72	1.98 (70)	--	1.83 (6.00)	--
1973	09/26/73	3.96 (140)	--	2.29 (7.50)	--
1974	10/11/73	1.33 (47)	--	1.55 (5.07)	--
1975	06/18/75	25.5 (900)	--	3.47 (11.37)	--
1976	09/25/76	.42 (15)	--	1.59 (5.23)	--
1977	08/31/77	178 (6300)	--	7.22 (23.69)	--
1978	06/22/78	53.8 (1900)	--	4.66 (15.29)	--

06803700 NORTH FORK WAHOO CREEK TRIBUTARY NEAR WESTON, NE

LOCATION.--Lat. 41°13', long 96°49', in SW1/4 SW1/4 sec.36, T.15 N., R.5 E., Saunders County, Hydrologic Unit 10200203, at bridge on State Highway 79, 1.8 km (1.1 mi) north of U.S. Highway 30 A and 6.4 km (4.0 mi) northwest of Weston.

DRAINAGE AREA.--23.1 km² (8.90 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued). Published as "Dunlap Creek near Weston" February 1951 to September 1967.

GAGE.--Crest-stage gage. Datum of gage is 396.24 m (1,300 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to June 22, 1961, lowest recording stage was 2.61 m (8.56 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1888, 391 m³/s (13,800 ft³/s) June 24, 1963, gage height, 6.74 m (22.10 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	08/12/50	58.6	(2070)	--	4.14	(13.59)	--
1951	05/31/51	117	(4130)	--	5.10	(16.74)	--
1952	06/27/52	54.4	(1920)	--	4.13	(13.54)	--
1953	07/27/53	30.9	(1090)	--	2.97	(9.75)	--
1954	07/01/54	14.2	(500)	--	1.93	(6.32)	--
1955	06/24/55	17.8	(630)	--	2.20	(7.23)	--
1956	06/18/56	1.42	(50)	--	0.47	(1.54)	--
1957	07/01/57	64.6	(2280)	--	4.21	(13.80)	--
1958	07/19/58	17.3	(610)	--	2.18	(7.14)	--
1959	08/02/59	51	(1800)	--	3.86	(12.66)	--
1960	08/24/60	39.6	(1400)	--	3.36	(11.04)	--
1961	08/21/61	6.37	(225)	--	1.22	(3.99)	--
1962	05/28/62	15.6	(550)	--	2.04	(6.70)	--
1963	06/24/63	391	(13800)	--	6.74	(22.10)	--
1964	06/15/64	103	(3640)	--	5.15	(16.88)	--
1965	06/29/65	117	(4130)	--	5.30	(17.39)	--
1966	08/13/66	19.3	(680)	--	2.31	(7.58)	--
1967	06/05/67	86.4	(3050)	--	4.88	(16.02)	--

06803900 NORTH FORK WAHOO CREEK AT WESTON, NE

LOCATION.--Lat. 41°12'19", long 96°43'40", in NE1/4 NW1/4 sec.10, T.14 N., R.6 E., Saunders County, Hydrologic Unit 10200203, at bridge on U.S Highway 30A, 1.6 km (1 mi) northeast of Weston, and about 1.6 km (1 mi) above the mouth or junction with Wahoo Creek.

DRAINAGE AREA.--112 km² (43.3 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 369.01 m (1,210.67 ft) above sea level. Lowest recording stage, since Jan., 1973, is 3.29 m (10.79 ft). The gage was lowered 0.43 m (1.42 ft) on Sept. 21, 1951 and 0.45 m (1.48 ft) on Sept. 17, 1954. Both of these changes were datum changes by the amount lowered. The gage has been bent and damaged several times during the period of operation, but the datum of Sept. 17, 1954 has been retained. Prior to Sep. 21, 1951, lowest recording stage was 3.93 m (12.90 ft). From Sep. 21, 1951, until Aug. 17, 1954, lowest recording stage was 3.50 m (11.48 ft). From Aug. 17, 1954, until Jan., 1973, lowest recording stage was 3.13 m (10.26 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 2,310 m³/s (81,400 ft³/s) June 24, 1963, gage height, 7.87 m (25.82 ft); stage is maximum known since about 1901.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	05/31/51	272	(9600)	--	6.82	(22.36)	--
1952	06/27/52	105	(3700)	--	6.35	(20.83)	--
1953	07/27/53	18.1	(640)	--	3.50	(11.49)	--
1954	07/01/54	28.3	(1000)	--	4.36	(14.30)	--
1955	06/24/55	51.8	(1830)	--	6.00	(19.68)	--
1956	05/13/56	23.2	(820)	--	3.94	(12.94)	--
1957	06/16/57	153	(5400)	--	6.50	(21.33)	--
1958	07/19/58	47.3	(1670)	--	5.80	(19.02)	--
1959	08/02/59	165	(5830)	--	6.53	(21.43)	--
1960	08/24/60	139	(4900)	--	6.46	(21.18)	--
1961	04/11/61	10.8	(380)	--	2.80	(9.20)	--
1962	10/10/61	30.6	(1080)	--	4.52	(14.83)	--
1963	06/24/63	2310	(81400)	--	7.87	(25.82)	--
1964	06/16/64	289	(10200)	--	7.06	(23.17)	1
1965	06/29/65	242	(8540)	--	6.90	(22.63)	--
1966	05/22/66	31.2	(1100)	--	4.57	(15.00)	--
1967	06/05/67	167	(5900)	--	6.71	(22.00)	--
1968	08/27/68	23.7	(837)	--	3.98	(13.06)	--
1969	03/17/69	32.0	(1130)	--	4.64	(15.23)	--
1970	09/03/70	2.27	(80)	--	1.79	(5.87)	--
1971	05/06/71	36.5	(1290)	--	4.99	(16.36)	--
1972	05/01/72	13.0	(460)	--	2.86	(9.37)	--
1973	05/27/73	20.7	(730)	--	3.68	(12.07)	--
1974	10/11/73	32.9	(1160)	--	4.69	(15.40)	--
1975	06/18/75	25.8	(910)	--	4.15	(13.60)	--
1976	03/30/76	2.41	(85)	--	1.57	(5.15)	--
1977	08/31/77	312	(11000)	--	7.05	(23.12)	--
1978	06/22/78	113	(4000)	--	6.48	(21.27)	--

06804000 WAHOO CREEK AT ITHACA, NE

LOCATION.--Lat. 41°08'40", long 96°32'10", in NW1/4 NW1/4 sec.33, T.14 N., R.8 E., Saunders County, Hydrologic Unit 10200203, on right bank 4.9 m (16 ft) downstream from bridge on State Highway 63, 0.8 km (0.5 mi) south of Ithaca, and at kilometer 32.7 (mile 20.3).

DRAINAGE AREA.--702 km² (271 mi²), of which 694 km² (268 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is 338.47 m (1,110.48 ft) above sea level. Prior to Oct. 27, 1959, nonrecording gages at same site and datum. Oct. 28, 1959, to Feb. 22, 1961, nonrecording gage at site 2.4 km (1.5 mi) upstream at datum 2.50 m (8.21 ft) higher.

REMARKS.--Maximum stage known since 1910, 7.08 m (23.22 ft) Aug.2, 1959.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge since at least 1843, 2,190 m³/s (77,400 ft³/s) June 24, 1963, gage height, 6.99 m (22.93 ft). Maximum discharge since at least 1910, 1,280 m³/s (45,300 ft³/s) Aug. 2, 1959, gage height, 7.08 m (23.22 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1950	02/28/50	154	(5430)	--	6.43	(21.08)	--
1951	05/31/51	535	(18900)	--	6.81	(22.34)	--
1952	06/27/52	139	(4900)	--	6.37	(20.90)	--
1953	07/27/53	12.1	(429)	--	3.22	(10.55)	--
1954	07/02/54	29.5	(1040)	--	4.66	(15.30)	--
1955	06/25/55	115	(4070)	--	6.35	(20.84)	--
1956	05/13/56	45.9	(1620)	--	5.38	(17.64)	--
1957	06/17/57	124	(4380)	--	6.41	(21.04)	--
1958	08/06/58	231	(8160)	--	6.53	(21.42)	--
1959	08/02/59	1280	(45300)	--	7.08	(23.22)	--
1960	06/20/60	198	(7000)	--	--	--	--
1961	06/15/61	55.2	(1950)	--	4.56	(14.95)	--
1962	05/29/62	111	(3920)	--	5.62	(18.45)	--
1963	06/24/63	2190	(77400)	--	6.99	(22.93)	--
1964	06/17/64	436	(15400)	--	6.70	(21.99)	--
1965	06/29/65	246	(8670)	--	6.49	(21.29)	--
1966	05/23/66	112	(3970)	--	5.72	(18.76)	--
1967	06/09/67	354	(12500)	--	6.64	(21.80)	--
1968	09/04/68	25.8	(912)	--	3.79	(12.42)	--
1969	03/18/69	95.7	(3380)	--	5.97	(19.58)	--
1970	06/12/70	30.9	(1090)	--	4.30	(14.10)	--
1971	03/12/71	79.9	(2820)	--	5.59	(18.35)	--
1972	05/01/72	71.6	(2530)	--	5.32	(17.46)	--
1973	05/27/73	90.1	(3180)	--	5.67	(18.60)	--
1974	10/12/73	81.6	(2880)	--	5.77	(18.92)	--
1975	06/18/75	49.6	(1750)	--	4.83	(15.85)	--
1976	02/17/76	11.1	(393)	--	2.74	(8.98)	--
1977	09/04/77	279	(9860)	--	6.71	(22.00)	--
1978	06/23/78	138	(4880)	--	6.28	(20.59)	--
1979	05/02/79	85.5	(3020)	--	5.59	(18.33)	--
1980	06/04/80	77.6	(2740)	--	5.39	(17.70)	--

06804000 WAHOO CREEK AT ITHACA, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1981	10/16/80	106	(3760)	--	5.79	(19.00)	2
1982	06/15/82	479	(16900)	--	6.83	(22.40)	--
1983	06/18/83	147	(5200)	--	6.28	(20.60)	--
1984	06/12/84	196	(6910)	--	6.46	(21.21)	--
1985	02/22/85	44.5	(1570)	--	4.14	(13.59)	--
1986	09/19/86	117	(4130)	--	6.02	(19.75)	--
1987	03/23/87	402	(14200)	--	6.68	(21.92)	2
1988	09/29/88	71.9	(2540)	--	5.08	(16.67)	--
1989	09/09/89	105	(3710)	--	5.85	(19.19)	--
1990	07/26/90	112	(3940)	--	5.96	(19.54)	--
1991	06/14/91	303	(10700)	--	6.60	(21.64)	--
1992	07/12/92	68.0	(2400)	--	4.98	(16.34)	--
1993	07/14/93	209	(7380)	--	6.50	(21.32)	--

06804100 SILVER CREEK NEAR CEDAR BLUFFS, NEBR.

LOCATION.--Lat. 41°22'48", long 96°35'15", in NW1/4 NE1/4 sec.11, T.16 N., R.7 E., Saunders County, Hydrologic Unit 10200203, at bridge on county road, 1.3 km (0.8 mi) east of State Highway 109, and 2.4 km (1.5 mi) southeast of Cedar Bluffs.

DRAINAGE AREA.--18.1 km² (7.00 mi²), of which about 17.4 km² (6.70 mi²) is contributing.

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 387.10 m (1,270 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1894, 114 m³/s (4,040 ft³/s) Aug. 2, 1959, gage height, 4.58 m (15.02 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	08/12/50	26.9	(950)	--	3.87	(12.70)	--
1951	05/31/51	75.6	(2670)	--	3.96	(12.98)	--
1952	08/14/52	5.95	(210)	--	3.48	(11.41)	--
1953	08/07/53	0.26	(9)	--	2.68	(8.80)	--
1954	05/02/54	.03	(1)	--	2.33	(7.65)	--
1955	06/24/55	4.81	(170)	--	3.30	(10.82)	--
1956	08/28/56	22.7	(801)	--	3.84	(12.61)	--
1957	06/16/57	10.2	(360)	--	3.58	(11.76)	--
1958	08/06/58	44.2	(1560)	--	4.09	(13.41)	--
1959	08/02/59	114	(4040)	--	4.58	(15.02)	--
1960	06/10/60	17.6	(620)	--	3.76	(12.34)	--
1961	06/14/61	24.4	(862)	--	3.69	(12.11)	--
1962	05/28/62	28.9	(1020)	--	3.76	(12.32)	--
1963	06/24/63	53.8	(1900)	--	4.24	(13.91)	--
1964	06/15/64	34.3	(1210)	--	3.88	(12.72)	--
1965	06/29/65	13.0	(460)	--	3.47	(11.37)	--
1966	08/21/66	13.7	(485)	--	3.49	(11.46)	--
1967	06/05/67	40.8	(1440)	--	4.00	(13.12)	--
1968	06/24/68	9.26	(327)	--	3.38	(11.09)	--
1969	03/17/69	9.63	(340)	--	3.40	(11.14)	--
1970	06/11/70	7.08	(250)	--	3.32	(10.89)	--
1971	03/12/71	7.36	(260)	--	3.33	(10.91)	--
1972	05/01/72	17.0	(600)	--	3.54	(11.63)	--
1973	07/10/73	23.4	(825)	--	3.68	(12.06)	--
1974	10/10/73	2.55	(90)	--	3.08	(10.12)	--
1975	06/18/75	1.70	(60)	--	2.90	(9.50)	--
1976	/ /76	≤.01	(≤.5)	--	--	--	4
1977	08/09/77	19.8	(700)	--	3.81	(12.50)	--
1978	03/18/78	14.2	(500)	2	3.84	(12.60)	--

06804200 SILVER CREEK NEAR COLON, NEBR.

LOCATION.--Lat. 41°18'26", long 96°33'47", in NW1/4 NW1/4 sec.6, T.15 N., R.8 E., Saunders County, Hydrologic Unit 10200203, at bridge on county road, 3.4 km (2.1 mi) east of State Highway 109, and 4.0 km (2.5 mi) east of Colon.

DRAINAGE AREA.--78.5 km² (30.3 mi²), of which about 60.6 km² (23.4 mi²) is contributing.

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--College Park crest-stage gage. Datum of gage is 374.29 m (1,228 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to Aug. 17, 1954, lowest recording stage was 3.26 m (10.68 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1894, 340 m³/s (12,000 ft³/s) Aug. 2, 1959, gage height, 5.86 m (19.22 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	08/12/50	92.0	(3250)	--	4.88	(16.00)	--
1951	05/31/51	77.6	(2740)	--	4.75	(15.59)	--
1952	06/27/52	10.2	(360)	--	3.40	(11.14)	--
1953	06/24/53	1.19	(42)	--	2.62	(8.60)	--
1954	05/02/54	0.31	(11)	--	2.43	(7.98)	--
1955	06/24/55	12.2	(430)	--	3.51	(11.53)	--
1956	05/13/56	11.3	(400)	--	3.45	(11.32)	--
1957	09/02/57	51.5	(1820)	--	4.38	(14.38)	--
1958	08/06/58	59.8	(2110)	--	4.50	(14.75)	--
1959	08/02/59	340	(12000)	2	5.86	(19.22)	--
1960	06/20/60	58.1	(2050)	--	4.54	(14.88)	--
1961	06/14/61	106	(3730)	--	5.02	(16.46)	--
1962	05/28/62	26.1	(920)	--	4.22	(13.84)	--
1963	06/24/63	247	(8720)	--	5.48	(17.98)	--
1964	06/15/64	40.5	(1430)	--	4.44	(14.56)	--
1965	09/08/65	14.2	(500)	--	3.72	(12.21)	--
1966	08/22/66	9.35	(330)	--	3.40	(11.16)	--
1967	06/05/67	56.6	(2000)	--	4.62	(15.15)	--
1968	06/24/68	4.47	(158)	--	2.99	(9.80)	--
1969	03/17/69	14.2	(500)	--	3.74	(12.26)	--
1970	03/03/70	5.81	(205)	--	3.10	(10.17)	--
1971	03/12/71	10.8	(380)	--	3.43	(11.25)	--
1972	05/01/72	8.78	(310)	--	3.37	(11.06)	--
1973	07/10/73	6.51	(230)	--	3.15	(10.34)	--
1974	10/11/73	2.83	(100)	2	--	--	4
1975	06/18/75	4.81	(170)	2	--	--	4
1976	03/30/76	.14	(5)	2	3.15	(10.32)	--
1977	09/03/77	30.0	(1060)	--	4.29	(14.08)	--
1978	03/18/78	17.0	(600)	--	3.87	(12.69)	--

06804300 SILVER CREEK TRIBUTARY NEAR COLON, NE

LOCATION.--Lat. 41°21'03", long 96°38'45", in NW1/4 NE1/4 sec.20, T.16 N., R.7 E., Saunders County, Hydrologic Unit 10200203, at culvert on county road, 3.7 km (2.3 mi) west of State Highway 109 and 6.4 km (4 mi) northwest of Colon.

DRAINAGE AREA.--26.7 km² (10.3 mi²), of which about 18.9 km² (7.3 mi²) is contributing.

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 390.14 m (1,280 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). On May 13, 1964, the benchmarks were found to be destroyed and a bridge erected to replace the previously existing 1.4 m (4.5 ft) corrugated metal pipe and 1.4 m (4.5 ft) concrete pipe. The gage datum of February 5, 1951 was maintained on the basis of a nail in a fence post which was identified as a floodmark set for the flood of Aug. 9, 1959, and found again on May 13, 1964. A daily stage-rainfall recorder was installed on May 23, 1965. No satisfactory record was obtained from the S-R recorder. The recorder was shot and destroyed in Aug. 1975 so was removed on October 22, 1975.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge since at least 1894, 142 m³/s (5,000 ft³/s) Aug. 2, 1959, gage height, 5.28 m (17.32 ft). Maximum discharge since at least 1911, 21.2 m³/s (750 ft³/s) May 31, 1951, gage height, 4.41 m (14.48 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	05/31/51	21.2 (750)	--	4.41 (14.48)	--
1952	08/14/52	0.26 (9)	--	3.44 (11.28)	--
1953	02/19/53	.40 (14)	--	3.49 (11.46)	--
1954	/ /54	≤.01 (≤.5)	--	--	4
1955	06/24/55	1.56 (55)	--	3.72 (12.22)	--
1956	05/13/56	.57 (20)	--	3.58 (11.76)	--
1957	06/22/57	2.07 (73)	--	3.68 (12.08)	--
1958	08/06/58	21.8 (770)	--	4.44 (14.56)	--
1959	08/02/59	142 (5000)	--	5.28 (17.32)	--
1960	03/29/60	9.63 (340)	--	4.05 (13.30)	--
1961	06/14/61	1.22 (43)	--	3.43 (11.25)	--
1962	05/28/62	1.44 (51)	--	3.46 (11.36)	--
1963	06/24/63	11.0 (387)	--	4.11 (13.48)	--
1964	06/16/64	9.91 (350)	--	4.11 (13.50)	--
1965	06/29/65	3.48 (123)	--	3.79 (12.43)	--
1966	08/21/66	2.18 (77)	--	3.56 (11.68)	--
1967	06/05/67	11.3 (400)	--	4.17 (13.67)	--
1968	06/24/68	1.1 (39)	--	3.57 (11.72)	--
1969	03/17/69	4.47 (158)	--	3.86 (12.66)	--
1970	03/03/70	.17 (6)	--	3.36 (11.04)	--
1971	03/12/71	2.49 (88)	--	3.72 (12.19)	--
1972	05/01/72	1.27 (45)	--	3.59 (11.79)	--
1973	05/27/73	.70 (25)	--	3.51 (11.50)	--
1974	10/11/73	.76 (27)	--	3.52 (11.55)	--
1975	04/28/75	1.70 (60)	--	3.65 (11.96)	--
1976	/ /76	≤.01 (≤.5)	--	--	4
1977	09/03/77	16.1 (570)	--	4.33 (14.20)	--
1978	03/18/78	5.66 (200)	--	4.08 (13.38)	--

06804400 SILVER CREEK TRIBUTARY AT COLON, NE

LOCATION.--Lat. 41°17'55", long 96°36'18", in NW1/4 SW1/4 sec.2, T.15 N., R.7 E., Saunders County, Hydrologic Unit 10200203, at bridge on State Highway 109, 0.3 km (0.2 mi) east of Colon, and 0.8 km (0.5 mi) south of State Highway 64.

DRAINAGE AREA.--45.6 km² (17.6 mi²), of which about 36.8 km² (14.2 mi²) is contributing.

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 371.66 m (1,219.36 ft) above sea level. Lowest recording stage is 3.20 m (10.5 ft). The original gage was lowered 0.15 m (0.5 ft) on April 1, 1953 and again lowered 0.3 m (1.0 ft) on Aug. 17, 1954. Between March 20, and May 7, 1955, the original 5.5-m (18-ft) bridge, bench marks and gage were removed and a new twin 3.7 m (12 ft) box culvert was built in its place. On May 19, 1955 the original gage was salvaged from the State Highway Dept. and was replaced on the new bridge near as could be determined to the datum of Aug. 17, 1954 for the original gage. The gage was raised 0.15 m (0.5 ft) on Nov. 9, 1965 but stick was renumbered so there is no datum change.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1894, 131 m³/s (4,640 ft³/s) Aug. 2, 1959., gage height, 5.88 m (19.29 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/31/51	18.7 (660)	--	4.23 (13.89)	--
1952	06/27/52	0.99 (35)	--	3.47 (11.40)	--
1953	06/24/53	.51 (18)	--	3.29 (10.80)	--
1954	05/02/54	≤.01 (≤.5)	--	2.90 (9.50)	--
1955	06/24/55	1.76 (62)	--	3.72 (12.21)	--
1956	05/13/56	2.44 (86)	--	3.69 (12.11)	--
1957	06/16/57	5.66 (200)	--	3.89 (12.76)	--
1958	08/06/58	34.0 (1200)	--	4.62 (15.15)	--
1959	08/02/59	131 (4640)	--	5.88 (19.29)	--
1960	03/29/60	20.1 (710)	--	4.27 (14.00)	--
1961	06/14/61	2.15 (76)	--	3.54 (11.61)	--
1962	05/28/62	13.3 (470)	--	4.11 (13.49)	--
1963	06/24/63	42.5 (1500)	--	4.50 (14.78)	--
1964	06/15/64	6.51 (230)	--	4.10 (13.45)	--
1965	09/08/65	3.68 (130)	--	4.00 (13.11)	--
1966	08/21/66	2.27 (80)	--	3.87 (12.69)	--
1967	06/05/67	20.2 (715)	--	4.40 (14.45)	--
1968	06/24/68	.14 (5)	--	3.31 (10.85)	--
1969	03/17/69	6.23 (220)	--	4.09 (13.41)	--
1970	06/11/70	.28 (10)	--	3.40 (11.14)	--
1971	03/12/71	2.55 (90)	--	3.90 (12.78)	--
1972	05/01/72	4.30 (152)	--	4.02 (13.19)	--
1973	07/10/73	1.59 (56)	--	3.78 (12.40)	--
1974	10/11/73	1.13 (40)	--	3.70 (12.14)	--
1975	04/28/75	.48 (17)	--	3.52 (11.56)	--
1976	03/30/76	.23 (8)	--	3.37 (11.07)	--
1977	09/03/77	2.83 (100)	--	3.97 (13.04)	--
1978	03/18/78	4.25 (150)	--	3.86 (12.68)	--

06804500 SILVER CREEK AT ITHACA, NE

LOCATION.--Lat. 41°09'50", long 96°31'25", in NW1/4 NE1/4 sec.28, T.14 N., R.8 E., Saunders County, Hydrologic Unit 10200203, at left downstream corner of bridge on county road, and 0.8 km (0.5 mi) east of Ithaca.

DRAINAGE AREA.--207 km² (80 mi²), approximately, of which about 164 km² (63.4 mi²) is contributing.

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 341.67 m (1,120.96 ft) above sea level. Lowest recording stage is 1.55 m (5.09 ft). Operated as a regular gaging station from Oct. 1, 1949 to Sept. 30, 1958. Operated as a crest-stage station under the highway program since Oct. 1, 1958. Equipment prior to Aug. 8, 1950 consisted of a staff gage only. Aug. 9, 1950 to Sept. 30, 1958, wire-weight gage and crest-stage indicator. Crest-stage gage only since Oct. 1, 1958. All gages have been operated at same site and datum. On July 21, 1964, 0.52 m (1.72 ft) was added to the top of the gage no datum change.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1894, 612 m³/s (21,600 ft³/s) Aug. 2, 1959, gage height, 5.16 m (16.92 ft). Maximum discharge recorded since at least 1900, 93.5 m³/s (3,300 ft³/s) Aug. 6, 1958, gage height, 3.90 m (12.81 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1950	02/28/50	26.6 (940)	--	3.29 (10.80)	--
1951	05/31/51	69.4 (2450)	--	3.72 (12.22)	--
1952	06/27/52	13.3 (471)	--	2.49 (8.18)	--
1953	02/11/53	0.37 (13)	--	0.98 (3.21)	2
1954	05/23/54	5.95 (210)	--	1.96 (6.43)	--
1955	06/24/55	8.84 (312)	--	2.22 (7.27)	--
1956	05/13/56	6.54 (231)	--	1.94 (6.37)	--
1957	09/02/57	17.7 (626)	--	2.92 (9.59)	--
1958	08/06/58	93.5 (3300)	--	3.90 (12.81)	--
1959	08/02/59	612 (21600)	--	5.16 (16.92)	--
1960	06/10/60	60.9 (2150)	--	3.68 (12.06)	--
1961	06/14/61	96.9 (3420)	--	3.81 (12.50)	--
1962	05/28/62	25.2 (890)	--	3.15 (10.34)	--
1963	06/24/63	295 (10400)	--	4.26 (13.98)	--
1964	06/15/64	167 (5900)	--	3.96 (12.99)	--
1965	09/08/65	19.5 (690)	--	2.94 (9.65)	--
1966	05/23/66	10.1 (355)	--	2.29 (7.52)	--
1967	06/05/67	200 (7050)	--	4.05 (13.28)	--
1968	06/11/68	.57 (20)	--	1.13 (3.72)	--
1969	03/17/69	22.4 (790)	--	3.05 (10.01)	--
1970	06/12/70	3.68 (130)	--	1.63 (5.34)	--
1971	03/12/71	26.9 (950)	--	3.21 (10.52)	--
1972	05/01/72	23.2 (820)	--	3.09 (10.15)	--
1973	03/24/73	8.78 (310)	--	2.16 (7.08)	--
1974	10/11/73	9.35 (330)	--	2.22 (7.29)	--
1975	06/18/75	2.83 (100)	2	-- --	--
1976	03/30/76	.85 (30)	--	1.20 (3.93)	--
1977	09/03/77	65.1 (2300)	--	3.70 (12.15)	--
1978	03/18/78	28.3 (1000)	--	3.44 (11.30)	--

06804700 WAHOO CREEK AT ASHLAND, NE

LOCATION.--Lat. 41°03'13", long 96°22'04", in SE1/4 NE1/4 sec.35, T.13 N., R.9 E., Saunders County, Hydrologic Unit 10200203, on right upstream side of bridge near end of guard rail on State Highway 63, 1.6 km (1 mi) north of Ashland, and at kilometer 4.2 (mile 2.6).

DRAINAGE AREA.--1,077 km² (416 mi²).

PERIOD OF RECORD.--1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 325.40 m (1,067.58 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 198 m³/s (7,000 ft³/s) June 15, 1991.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1991	06/15/91	198 (7000)	1	-- --	--
1992	07/13/92	35.7 (1260)	1	-- --	--
1993	07/24/93	154 (5440)	1	-- --	--

06804900 JOHNSON CREEK NEAR MEMPHIS, NE

LOCATION.--Lat. 41°08'48", long 96°23'12", in NW1/4 NW1/4 sec.35, T.14 N., R.9 E., Saunders County, Hydrologic Unit 10200203, on left upstream bank on Saunders County road No.37, 5.6 km (3.5 mi) north and 3.2 km (2 mi) east of Memphis, and at kilometer 1.4 (mile 0.9).

DRAINAGE AREA.--55.7 km² (21.5 mi²).

PERIOD OF RECORD.--1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 326.14 m (1,070.00 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7.62 m³/s (269 ft³/s) June 14, 1991, gage height, 3.12 m (10.25 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1991	06/14/91	7.62 (269)	--	3.12 (10.25)	--
1992	07/12/92	1.98 (70)	--	2.19 (7.19)	--
1993	07/23/93	6.80 (240)	1	-- --	--

06805000 SALT CREEK NEAR ASHLAND, NE

LOCATION.--Lat. 41°02'50", long 96°20'30", in SW1/4 sec.31, T.13 N., R.10 E., Saunders County, Hydrologic Unit 10200203, near center of channel on downstream side of pier of bridge on U.S. Highway 6, 1.6 km (1.0 mi) northeast of Ashland and 4.0 km (2.5 mi) upstream from mouth.

DRAINAGE AREA.--4,250 km² (1,640 mi²).

PERIOD OF RECORD.--1947 to 1967 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 317.61 m (1042.04 ft) above sea level. Before Oct. 1, 1965, at datum 1.5 m (5.0 ft) higher. Gage heights listed below have been converted to present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,460 m³/s (87,000 ft³/s) June 25, 1963, gage height, 6.04 m (19.82 ft). Maximum discharge since at least 1908, 595 m³/s (21,000 ft³/s) June 13, 1947, gage height, 6.14 m (20.13 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1908	07/07/08	--	--	7	7.99	(26.21)	--
1947	06/13/47	595	(21000)	--	6.14	(20.13)	--
1948	03/19/48	569	(20100)	--	5.62	(18.43)	--
1949	03/06/49	739	(26100)	--	5.83	(19.14)	--
1950	05/09/50	547	(19300)	--	5.48	(17.98)	--
1951	06/02/51	1310	(46200)	--	6.01	(19.72)	--
1952	06/27/52	535	(18900)	--	5.06	(16.61)	--
1953	07/21/53	43.9	(1550)	2	2.74	(9.00)	--
1954	06/17/54	430	(15200)	--	4.95	(16.24)	--
1955	06/24/55	442	(15600)	--	4.95	(16.25)	--
1956	07/02/56	242	(8530)	--	4.15	(13.61)	--
1957	07/02/57	552	(19500)	--	5.30	(17.40)	--
1958	07/11/58	612	(21600)	--	5.40	(17.72)	--
1959	05/05/59	552	(19500)	--	5.29	(17.36)	--
1960	03/29/60	654	(23100)	--	5.48	(17.97)	2
1961	06/15/61	83.5	(2950)	--	3.21	(10.54)	--
1962	03/20/62	161	(5700)	--	3.64	(11.94)	2
1963	06/25/63	2460	(87000)	--	6.04	(19.82)	--
1964	06/17/64	671	(23700)	--	5.54	(18.16)	--
1965	06/29/65	663	(23400)	--	5.24	(17.20)	2
1966	05/23/66	194	(6860)	--	3.54	(11.60)	2
1967	06/21/67	612	(21600)	2	5.26	(17.25)	--

06805500 PLATTE RIVER AT LOUISVILLE, NE

LOCATION.--Lat. 41°00'55", long 96°09'28", in NW1/4 NW1/4 sec.14, T.12 N., R.11 E., Sarpy County, Hydrologic Unit 10200202, on left bank at the upstream side of bridge on Nebraska Highway 50, 1.6 km (1 mi) north of Louisville, and at kilometer 26.6 (mile 16.5).

DRAINAGE AREA.--222,200 km² (85,800 mi²), approximately, of which about 184,000 km² (71,000 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to current year. October 1961 to September 1973 published as Platte River at South Bend.

GAGE.--Water-stage recorder. Datum of gage is 306.96 m (1,007.10 ft) above sea level. Dec. 5, 1961, to Sept. 30, 1973, at site 11 km (7 mi) upstream at datum 9.58 m (31.43 ft) higher.

REMARKS.--Natural flow of stream affected by storage reservoirs, power developments, ground-water withdrawals and diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge since at least 1881, 4,530 m³/s (160,000 ft³/s) July 25, 1993, gage height, 3.63 m (11.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	05/12/53	943	(33300)	6	2.50	(8.20)	--
1954	06/19/54	731	(25800)	6	2.30	(7.55)	--
1955	03/11/55	796	(28100)	6	2.20	(7.21)	2
1956	05/31/56	309	(10900)	6	1.88	(6.18)	2
1957	06/17/57	2010	(71000)	6	3.15	(10.35)	--
1958	02/28/58	1550	(54700)	6	2.69	(8.83)	--
1959	08/03/59	1460	(51500)	6	2.90	(9.50)	--
1960	03/30/60	3510	(124000)	6	3.79	(12.45)	--
1961	06/02/61	549	(19400)	6	2.14	(7.02)	2
1962	03/27/62	1710	(60400)	6	2.71	(8.90)	2
1963	06/25/63	3370	(119000)	6	3.24	(10.62)	--
1964	06/18/64	2420	(85600)	6	2.94	(9.65)	--
1965	09/30/65	2060	(72800)	6	2.96	(9.72)	--
1966	08/15/66	1800	(63600)	6	3.05	(10.01)	--
1967	06/16/67	3400	(120000)	6	3.78	(12.41)	--
1968	06/26/68	935	(33000)	6	2.50	(8.19)	--
1969	03/23/69	1720	(60800)	6	2.72	(8.91)	--
1970	02/25/70	379	(13400)	6	1.95	(6.40)	2
1971	02/21/71	1650	(58300)	6	2.97	(9.75)	2
1972	05/01/72	623	(22000)	6	2.38	(7.82)	2
1973	05/27/73	1370	(48200)	6	2.88	(9.46)	--
1974	10/11/73	1200	(42400)	6	2.39	(7.85)	--
1975	06/23/75	807	(28500)	6	2.12	(6.95)	--
1976	05/24/76	558	(19700)	6	1.87	(6.13)	--
1977	09/04/77	770	(27200)	6	2.22	(7.27)	--
1978	03/20/78	3170	(112000)	6	3.30	(10.83)	--
1979	03/18/79	1470	(52000)	6, 9	2.71	(8.88)	2
1980	06/02/80	895	(31600)	6	2.24	(7.35)	--

06805500 PLATTE RIVER AT LOUISVILLE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1981	08/06/81	1190	(42000)	6	2.45	(8.04)	--
1982	06/19/82	1380	(48800)	6	2.47	(8.11)	2
1983	06/19/83	1950	(69000)	6	2.85	(9.36)	--
1984	06/14/84	4080	(144000)	6	3.46	(11.34)	--
1985	05/16/85	1160	(41000)	6	2.41	(7.91)	--
1986	03/20/86	1290	(45400)	6	2.48	(8.14)	--
1987	03/24/87	2920	(103000)	6	2.96	(9.72)	--
1988	02/29/88	680	(24000)	6	1.99	(6.54)	2
1989	09/09/89	1210	(42800)	6	2.51	(8.23)	--
1990	06/17/90	1900	(67000)	6	2.79	(9.16)	--
1991	06/06/91	1570	(55500)	6	2.66	(8.72)	1
1992	06/17/92	793	(28000)	6	2.17	(7.11)	--
1993	07/25/93	4530	(160000)	6	3.63	(11.90)	--

06805510 BUFFALO CREEK NEAR GRETN, NE

LOCATION.--Lat. 41°06'12", long 96°13'30", in NE1/4 NW1/4 sec.18, T.13 N., R.11 E., Sarpy County, Hydrologic Unit 10200202, on county road bridge 1.6 km (1 mi) east and 4.0 km (2.5 mi) south of Gretna, 518 m (1,700 ft) downstream from Interstate 80 and 335 m (1,100 ft) downstream from the junction of Buffalo Creek and a left-bank tributary.

DRAINAGE AREA.--11.1 km² (4.29 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 339.85 m (1,115.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 5.36 m (17.60 ft) May 10, 1974. No discharges computed.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	09/16/68	--	--	--	3.24	(10.62)	--
1969	03/17/69	--	--	--	2.99	(9.80)	--
1970	08/03/70	--	--	--	2.13	(7.00)	--
1971	05/10/71	--	--	--	3.17	(10.41)	--
1972	08/25/72	--	--	--	1.64	(5.39)	--
1973	09/26/73	--	--	--	3.45	(11.31)	--
1974	05/10/74	--	--	--	5.36	(17.60)	--
1975	08/29/75	--	--	--	4.15	(13.61)	--
1976	06/27/76	--	--	--	2.44	(8.00)	--
1977	08/09/77	--	--	--	4.59	(15.07)	--
1978	06/22/78	--	--	--	3.66	(12.00)	--

06806400 WEEPING WATER CREEK AT ELMWOOD, NE

LOCATION.--Lat. 40°51'05", long 96°17'36", in SW1/4 NW1/4 sec.10, T.10 N., R.10 E., Cass County, Hydrologic Unit 10240001, on left bank downstream side of State Highway 1 bridge, 1.0 km (0.6 mi) north of Elmwood.

DRAINAGE AREA.--53.9 km² (20.8 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 361.86 m (1,187.22 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to Feb. 9, 1962, lowest recording stage was 2.90 m (9.50 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 215 m³/s (7,600 ft³/s) May 9, 1950, gage height 7.35 m (24.10 ft), and May 10, 1971, gage height, 6.59 m (21.63 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 181 m³/s (6,390 ft³/s) July 1, 1951, gage height, 6.63 m (21.74 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	215	(7600)	--	7.35	(24.10)	--
1951	06/01/51	148	(5240)	--	6.74	(22.12)	--
1952	04/22/52	15.0	(530)	--	4.79	(15.70)	--
1953	04/30/53	1.84	(65)	--	2.97	(9.73)	--
1954	08/23/54	9.35	(330)	--	4.47	(14.68)	--
1955	06/24/55	91.8	(3240)	--	6.18	(20.26)	--
1956	08/18/56	89.2	(3150)	--	6.14	(20.14)	--
1957	07/01/57	181	(6390)	--	6.63	(21.74)	--
1958	08/06/58	19.3	(680)	--	4.95	(16.24)	--
1959	05/04/59	101	(3550)	--	6.16	(20.22)	--
1960	08/28/60	53.8	(1900)	--	5.69	(18.68)	--
1961	09/12/61	47.7	(1685)	--	3.19	(10.46)	--
1962	05/28/62	24.9	(880)	--	5.13	(16.84)	--
1963	05/04/63	60.9	(2150)	--	5.78	(18.97)	--
1964	06/16/64	59.8	(2110)	--	5.78	(18.96)	--
1965	07/01/65	177	(6240)	--	6.60	(21.66)	--
1966	06/28/66	1.42	(50)	2	--	--	--
1967	06/09/67	56.6	(2000)	--	5.74	(18.83)	--
1971	05/10/71	215	(7600)	7	6.59	(21.63)	--

06806420 STOVE CREEK NEAR ELMWOOD, NE

LOCATION.--Lat. 40°48'45", long 96°19'26", in SE1/4 SW1/4 sec.21, T.10 N., R.10 E., Cass County, Hydrologic Unit 10240001, at triple 12' x 10' (3.7 x 3.0 m) concrete box culvert on U.S. Highway 34, about 1.0 km (0.6 mi) west of State Highway 1, and 3.2 km (2 mi) south of Elmwood.

DRAINAGE AREA.--13.5 km² (5.23 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 382.52 m (1,255 ft) above sea level (from topographic map). Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 96.0 m³/s (3,390 ft³/s) May 10, 1971, gage height, 5.53 m (18.14 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 97.1 m³/s (3,430 ft³/s) Aug. 18, 1956, gage height, 5.49 m (18.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	106	(3730)	--	5.55	(18.20)	--
1951	06/01/51	72.2	(2550)	--	5.28	(17.33)	--
1952	06/26/52	4.30	(152)	--	3.96	(12.98)	--
1953	07/04/53	0.08	(3)	--	2.76	(9.05)	--
1954	08/23/54	14.4	(510)	--	4.52	(14.84)	--
1955	06/24/55	58.9	(2080)	--	5.16	(16.92)	--
1956	08/18/56	97.1	(3430)	--	5.49	(18.00)	--
1957	07/01/57	56.1	(1980)	--	5.13	(16.83)	--
1958	08/06/58	13.3	(470)	--	4.50	(14.76)	--
1959	05/18/59	30.6	(1080)	--	4.81	(15.79)	--
1960	08/28/60	77.9	(2750)	--	5.33	(17.50)	--
1961	09/12/61	18.1	(640)	--	4.61	(15.11)	--
1962	05/28/62	43.9	(1550)	--	5.00	(16.39)	--
1963	06/24/63	26.2	(925)	--	4.74	(15.56)	--
1964	06/16/64	33.4	(1180)	--	5.27	(17.28)	--
1965	07/09/65	36.0	(1270)	--	5.32	(17.45)	--
1966	06/28/66	.57	(20)	2	--	--	--
1967	06/09/67	21.5	(760)	--	4.91	(16.11)	--
1971	05/10/71	96.0	(3390)	7	5.53	(18.14)	--

06806440 STOVE CREEK AT ELMWOOD, NE

LOCATION.--Lat. 40°50'32", long 96°17'37", in SW1/4 NW1/4 sec.15, T.10 N., R.10 E., Cass County, Hydrologic Unit 10240001, at bridge on State Highway 1, at south side of Elmwood.

DRAINAGE AREA.--26.7 km² (10.3 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 406.67 m (1,220.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). A daily stage-rainfall recorder was installed on April 13, 1965. The rainfall well of the recorder was changed on June 5, 1968, and a 10-inch (25.4 cm) rainfall screw on the recorder was used to replace the 5-inch (12.7cm) rainfall screw. In the spring of 1971 the recorder stage well was shortened by 0.3 m (1.0 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 269 m³/s (9,500 ft³/s) May 9, 1950, gage height, 7.01 m (23.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	269	(9500)	--	7.01	(23.00)	--
1951	06/01/51	150	(5280)	--	6.18	(20.28)	--
1952	06/26/52	9.91	(350)	--	3.93	(12.89)	--
1953	07/04/53	0.14	(5)	--	2.34	(7.67)	--
1954	08/23/54	24.1	(850)	--	4.85	(15.91)	--
1955	06/24/55	107	(3780)	--	5.83	(19.14)	--
1956	08/18/56	47.3	(1670)	--	5.38	(17.64)	--
1957	07/01/57	42.5	(1500)	--	5.30	(17.40)	--
1958	08/06/58	15.6	(550)	--	4.45	(14.61)	--
1959	05/04/59	49.3	(1740)	--	5.40	(17.73)	--
1960	08/28/60	53.2	(1880)	--	5.46	(17.90)	--
1961	09/12/61	29.7	(1050)	--	4.95	(16.24)	--
1962	05/28/62	79.6	(2810)	--	5.80	(19.03)	--
1963	06/24/63	33.7	(1190)	--	5.14	(16.86)	--
1964	06/16/64	65.4	(2310)	--	5.58	(18.31)	--
1965	07/01/65	114	(4020)	--	6.32	(20.75)	--
1966	06/28/66	4.39	(155)	--	3.43	(11.24)	--
1967	06/09/67	77.6	(2740)	--	5.77	(18.93)	--
1968	09/03/68	11.1	(392)	--	4.07	(13.34)	--
1969	07/17/69	58.9	(2080)	--	5.52	(18.11)	--
1970	08/02/70	1.70	(60)	--	2.90	(9.50)	--
1971	05/10/71	119	(4190)	--	6.40	(20.99)	--
1972	05/06/72	10.5	(370)	--	4.02	(13.20)	--
1973	03/31/73	38.2	(1350)	--	5.16	(16.94)	--
1974	10/11/73	57.2	(2020)	--	5.46	(17.91)	--
1975	06/18/75	3.82	(135)	--	3.36	(11.03)	--
1976	04/24/76	13.0	(460)	--	4.21	(13.82)	--
1977	08/31/77	89.2	(3150)	--	5.94	(19.50)	--
1978	07/22/78	62.3	(2200)	--	5.64	(18.50)	--

06806460 WEEPING WATER CREEK AT WEEPING WATER, NE

LOCATION.--Lat. 40°51'18", long 96°07'10", in NW1/4 NW1/4 sec.7, T.10 N., R.12 E., Cass County, Hydrologic Unit 10240001, at railroad bridge of Missouri Pacific Lines, just south of north-south portion of dirt road, and 1.6 km (1 mi) southeast of Weeping Water. Auxiliary gage is at County Road bridge 0.3 km (0.2 mi) downstream and just downstream from mouth of Cascade Creek.

DRAINAGE AREA.--207. km² (80.1 mi²) at main gage, 226 km² (87.3 mi²) at auxiliary gage.

PERIOD OF RECORD.--August 1, 1951 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 317.17 m (1,040.57 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Auxiliary gage installed on July 10, 1953. Auxiliary gage found destroyed on April 19, 1965. The county road bridge was rebuilt Aug. 1968, destroying the auxiliary gage. The gage was replaced July 20, 1971.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 368 m³/s (13,000 ft³/a) June 4, 1947.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1882, 858 m³/s (30,300 ft³/s) May 9, 1950, gage height, 5.64 m (18.50 ft), from floodmark.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/04/47	368	(13000)	7	--	--	--
1950	05/09/50	858	(30300)	--	5.64	(18.50)	--
1951	06/01/51	459	(16200)	--	5.03	(16.50)	--
1952	08/14/52	89.2	(3150)	--	3.83	(12.55)	--
1953	07/04/53	5.66	(200)	--	1.10	(3.60)	--
1954	05/15/54	125	(4400)	--	4.20	(13.79)	--
1955	06/24/55	90.1	(3180)	--	3.86	(12.68)	--
1956	08/18/56	85.5	(3020)	--	3.77	(12.38)	--
1957	07/01/57	116	(4100)	--	4.13	(13.54)	--
1958	08/06/58	224	(7900)	--	4.59	(15.06)	--
1959	05/05/59	109	(3850)	--	4.06	(13.33)	--
1960	08/28/60	79.3	(2800)	--	3.69	(12.12)	--
1961	09/12/61	18.4	(650)	--	1.98	(6.48)	--
1962	05/28/62	122	(4300)	--	4.18	(13.71)	--
1963	05/04/63	63.7	(2250)	--	3.41	(11.18)	--
1964	06/16/64	137	(4820)	--	4.28	(14.05)	--
1965	05/22/65	167	(5900)	--	4.44	(14.57)	--
1966	06/28/66	8.5	(300)	--	1.26	(4.15)	--
1967	06/20/67	164	(5780)	--	4.42	(14.49)	--
1968	09/03/68	39.6	(1400)	--	2.85	(9.35)	--
1969	02/26/69	36.8	(1300)	--	2.74	(9.00)	--
1970	08/03/70	1.27	(45)	--	0.72	(2.36)	--
1971	05/10/71	161	(5700)	--	4.41	(14.47)	--
1972	05/01/72	1.56	(55)	--	.66	(2.17)	--
1973	05/08/73	39.6	(1400)	--	2.87	(9.40)	--
1974	10/11/73	76.5	(2700)	--	3.61	(11.83)	--
1975	04/28/75	16.7	(590)	--	--	--	--
1976	05/14/76	14.2	(500)	--	--	--	--
1977	08/09/77	51.0	(1800)	--	3.06	(10.05)	--
1978	07/22/78	312	(11000)	--	4.79	(15.70)	--

06806470 WEEPING WATER CREEK TRIBUTARY NEAR WEEPING WATER, NE

LOCATION.--Lat. 40°51'46", long 96°06'43", in NE1/4 SW1/4 sec.6, T.10 N., R.12 E., Cass County, Hydrologic Unit 10240001, at railroad culvert of Missouri Pacific Lines, 427 m (1,400 ft) west of north-south dirt road and 2.4 km (1.5 mi) southeast of Weeping Water.

DRAINAGE AREA.--1.89 km² (0.73 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 323.09 m (1,060 ft) above sea level. Lowest recording stage is 3.35 m (11.0 ft). On April 16, 1965, a daily stage-rainfall recorder was installed. Crest-stage was raised 1.6 m (1.0 ft) on April 21, 1970, but datum was maintained by renumbering scored marks on indicator stick. The drainage area was changed from 2.77 km² to 2.25 km² (1.07 mi² to 0.87mi²) in 1965. Prior to April 21, 1970, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 44.5 m³/s (1,570 ft³/s) June 20, 1967, gage height, 6.18 m (20.26 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	17.6	(622)	--	4.63	(15.20)	--
1951	06/01/51	16.7	(590)	--	4.57	(15.00)	--
1952	06/26/52	6.80	(240)	--	3.86	(12.65)	--
1953	07/04/53	0.28	(10)	--	3.20	(10.51)	--
1954	05/15/54	32.9	(1160)	--	5.49	(18.02)	--
1955	10/05/54	.23	(8)	--	3.18	(10.42)	--
1956	08/18/56	28.6	(1010)	--	5.26	(17.26)	--
1957	07/01/57	13.4	(473)	--	4.35	(14.28)	--
1958	08/06/58	14.6	(517)	--	4.44	(14.56)	--
1959	05/18/59	8.78	(310)	--	4.02	(13.18)	--
1960	06/20/60	7.45	(263)	--	3.91	(12.82)	--
1961	09/12/61	7.14	(252)	--	3.93	(12.91)	--
1962	07/22/62	12.0	(425)	--	4.27	(14.02)	--
1963	06/24/63	4.25	(150)	--	3.72	(12.20)	--
1964	06/16/64	27.4	(968)	--	5.20	(17.06)	--
1965	06/02/65	12.5	(440)	--	4.30	(14.11)	--
1966	06/28/66	.94	(33)	--	3.39	(11.13)	--
1967	06/20/67	44.5	(1570)	--	6.18	(20.26)	--
1968	09/03/68	3.12	(110)	--	3.63	(11.90)	--
1969	02/26/69	4.25	(150)	--	3.72	(12.20)	--
1970	06/11/70	2.75	(97)	--	3.60	(11.80)	--
1971	05/18/71	5.04	(178)	--	3.78	(12.40)	--
1972	05/01/72	2.83	(100)	--	3.60	(11.82)	--
1973	09/26/73	13.9	(490)	--	4.40	(14.43)	--
1974	05/31/74	12.9	(455)	--	4.33	(14.20)	--
1975	06/18/75	3.54	(125)	--	3.66	(12.00)	--
1976	04/24/76	3.82	(135)	--	3.69	(12.10)	--
1977	08/31/77	3.54	(125)	--	3.67	(12.05)	--
1978	07/22/78	19.8	(700)	--	4.75	(15.58)	--

06806500 WEEPING WATER CREEK AT UNION, NE

LOCATION.--Lat. 40°47'35", long 95°54'40", in SW1/4 NW1/4 sec.36, T.10 N., R.13 E., Cass County, Hydrologic Unit 10240001, on left bank near downstream side of bridge on U.S. Highways 73 and 75, 2.4 km (1.5 mi) southeast of Union, 4.5 km (2.8 mi) downstream from South Branch Weeping Water Creek, and at kilometer 10 (mile 6.2).

DRAINAGE AREA.--624 km² (241 mi²).

PERIOD OF RECORD.--1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 282.46 m (926.72 ft) above sea level. Prior to May 14, 1951, nonrecording gage at site 3.2 km (2 mi) upstream at different datum. May 15, 1951, to Aug. 22, 1968, water-stage recorder for stages above 2.4 m (7.9 ft) and nonrecording gage, Aug. 23, 1968 to Aug. 22, 1980, water-stage recorder on downstream side of bridge pier, Aug. 23, 1980 to Nov. 4, 1980 at present site, all at datum 0.91 m (3.00 ft) higher. Nov. 5, 1980 to Aug. 23, 1984 at present site and datum. Aug. 24, 1984, to Mar. 5, 1986, on left bank 61 m (200 ft) upstream at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,840 m³/s (65,100 ft³/s) July 23, 1993, gage height, 9.44 m (30.97 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	1710	(60300)	--	9.08	(29.80)	--
1951	06/02/51	583	(20600)	--	8.32	(27.30)	--
1952	08/14/52	88.6	(3130)	--	7.05	(23.14)	--
1953	07/04/53	5.75	(203)	--	3.37	(11.06)	--
1954	05/16/54	255	(9000)	--	7.99	(26.20)	--
1955	06/25/55	75.3	(2660)	--	6.33	(20.77)	--
1956	08/18/56	92.3	(3260)	--	7.25	(23.80)	--
1957	06/17/57	106	(3760)	--	7.24	(23.75)	--
1958	08/06/58	153	(5400)	--	7.95	(26.08)	--
1959	05/18/59	156	(5520)	--	7.89	(25.88)	--
1960	03/29/60	119	(4200)	--	7.44	(24.40)	--
1961	09/13/61	80.4	(2840)	--	6.65	(21.82)	--
1962	05/29/62	137	(4850)	--	7.99	(26.22)	--
1963	05/15/63	89.5	(3160)	--	6.71	(22.01)	--
1964	06/17/64	476	(16800)	--	8.44	(27.68)	--
1965	07/02/65	248	(8760)	--	8.11	(26.62)	--
1966	06/28/66	74.8	(2640)	--	6.29	(20.65)	--
1967	06/21/67	188	(6630)	--	7.90	(25.91)	--
1968	09/04/68	49.0	(1730)	--	5.35	(17.55)	--
1969	07/18/69	104	(3660)	--	7.09	(23.25)	2
1970	05/12/70	18.9	(667)	--	3.86	(12.66)	--
1971	05/11/71	96.3	(3400)	--	6.52	(21.39)	--
1972	05/01/72	7.87	(278)	--	2.85	(9.34)	--
1973	09/26/73	164	(5780)	--	7.55	(24.78)	--
1974	10/11/73	173	(6120)	--	7.66	(25.12)	--
1975	03/20/75	25.8	(910)	--	3.98	(13.05)	--
1976	11/29/75	16.1	(569)	--	3.39	(11.12)	--
1977	08/31/77	180	(6350)	--	7.73	(25.35)	--
1978	07/22/78	541	(19100)	--	8.48	(27.82)	--
1979	03/03/79	481	(17000)	--	8.44	(27.70)	1
1980	08/17/80	166	(5850)	--	6.80	(22.32)	--

06806500 WEEPING WATER CREEK AT UNION, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	08/05/81	156	(5510)	--	6.67	(21.88)	--
1982	06/15/82	493	(17400)	--	8.39	(27.51)	--
1983	06/27/83	242	(8560)	--	7.21	(23.67)	--
1984	06/13/84	1520	(53500)	--	9.00	(29.53)	--
1985	07/19/85	169	(5980)	--	6.26	(20.54)	--
1986	07/06/86	121	(4270)	--	5.48	(17.99)	--
1987	05/26/87	581	(20500)	--	8.37	(27.45)	--
1988	05/23/88	30.3	(1070)	--	3.37	(11.06)	--
1989	09/09/89	309	(10900)	--	8.29	(27.20)	--
1990	07/26/90	700	(24700)	--	8.90	(29.20)	--
1991	07/09/91	211	(7450)	--	8.90	(29.20)	--
1992	07/13/92	135	(4760)	--	6.04	(19.80)	--
1993	07/23/93	1840	(65100)	--	9.44	(30.97)	--

06810060 HONEY CREEK NEAR PERU, NE

LOCATION.--Lat. 40°26'38", long 95°45'12", in SW1/4 NE1/4 sec.32, T.6 N., R.15 E., Nemaha County, Hydrological Unit 10240005, at bridge on county road, 1.6 km (1 mi) west and 3.2 km (2 mi) south of Peru.

DRAINAGE AREA.--8.88 km² (3.43 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded 90.6 m³/s (3,200 ft³/s) July 3, 1973, gage height, 5.86 m (19.22 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	05/ /68	≤0.01 (≤.5)	2	-- --	4
1969	05/21/69	9.49 (335)	--	3.74 (12.26)	--
1970	03/01/70	27.6 (975)	--	4.65 (15.25)	--
1971	02/27/71	3.68 (130)	--	3.24 (10.64)	--
1972	07/18/72	9.91 (350)	--	3.77 (12.37)	--
1973	07/03/73	90.6 (3200)	--	5.86 (19.22)	--
1974	05/11/74	18.3 (645)	--	4.26 (13.98)	--
1975	09/04/75	18.3 (647)	--	4.27 (14.00)	--
1976	04/18/76	34.3 (1210)	--	4.87 (15.99)	--
1977	09/12/77	26.1 (920)	--	4.60 (15.08)	--
1978	05/07/78	6.23 (220)	--	3.49 (11.44)	--

06810100 HOOPER CREEK TRIBUTARY NEAR PALMYRA, NE

LOCATION.--Lat. 40°46'10", long 96°25'23", in NW1/4 NW1/4 sec.9, T.9 N., R.9 E., Otoe County, Hydrologic Unit 10240006, at bridge on east-west portion of State Highway 43, 91 m (300 ft) east of turn in highway, and 7.2 km (4.5 mi) north of Palmyra.

DRAINAGE AREA.--20.7 km² (8.00 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 365.76 m (1,200 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). On Apr. 12, 1965, the crest-stage gage was moved 0.61 m (2.0 ft) to the left of its original position and a daily stage-rainfall recorder was installed at the former location of the crest-stage gage. Original datum of Jan. 29, 1951 maintained.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 119 m³/s (4,210 ft³/s) June 24, 1963, gage height, 5.15 m (16.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	74.2	(2620)	--	4.97	(16.30)	--
1951	06/01/51	87.5	(3090)	--	5.04	(16.55)	--
1952	04/21/52	13.3	(470)	--	4.18	(13.71)	--
1953	06/08/53	0.42	(15)	--	2.26	(7.40)	--
1954	08/23/54	6.46	(228)	--	3.58	(11.73)	--
1955	06/24/55	15.3	(540)	--	4.29	(14.08)	--
1956	08/18/56	15.2	(536)	--	4.28	(14.03)	--
1957	07/01/57	19.0	(670)	--	4.41	(14.46)	--
1958	07/10/58	46.2	(1630)	--	4.77	(15.65)	--
1959	05/04/59	39.1	(1380)	--	4.70	(15.43)	--
1960	08/28/60	20.4	(720)	--	4.18	(13.73)	--
1961	09/12/61	7.65	(270)	--	3.46	(11.34)	--
1962	08/31/62	33.4	(1180)	--	4.57	(14.99)	--
1963	06/24/63	119	(4210)	--	5.15	(16.90)	--
1964	04/20/64	16.7	(590)	--	4.03	(13.23)	--
1965	07/01/65	31.4	(1110)	--	4.53	(14.85)	--
1966	06/27/66	29.2	(1030)	--	4.47	(14.67)	--
1967	06/10/67	27.2	(960)	--	4.41	(14.46)	--
1968	07/23/68	2.27	(80)	--	2.80	(9.20)	--
1969	04/04/69	25.5	(900)	--	4.36	(14.32)	--
1970	08/02/70	.51	(18)	--	2.29	(7.50)	--
1971	05/10/71	36.4	(1285)	--	4.62	(15.16)	--
1972	05/06/72	1.27	(45)	--	2.56	(8.41)	--
1973	05/07/73	12.7	(450)	--	3.83	(12.56)	--
1974	10/10/73	34.3	(1210)	--	4.59	(15.05)	--
1975	06/22/75	.71	(25)	2	--	--	--
1976	04/24/76	1.42	(50)	--	2.60	(8.53)	--
1977	09/04/77	34.0	(1200)	--	4.58	(15.02)	--
1978	07/22/78	113	(4000)	--	5.14	(16.85)	--

06810200 HOOPER CREEK NEAR PALMYRA, NE

LOCATION.--Lat. 40°43', long 96°19', in NE1/4 NW1/4 sec.32, T.9 N., R.10 E., Otoe County, Hydrologic Unit 10240006, at bridge on State Highway 2, 5.3 km (3.3 mi) east of Palmyra.

DRAINAGE AREA.--149 km² (57.6 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 330.58 m (1084.58 ft) above sea level. Lowest recording stage, since Aug. 13, 1965, is 3.82 m (12.82 ft). Prior to April 23, 1959, lowest recording stage was 2.56 m (8.39 ft). From April 23, 1959, until July 5, 1962, lowest recording stage was 2.74 m (9.00 ft). From July 5, 1962, until July 16, 1964, lowest recording stage was 3.05 m (10.00 ft). From July 16, 1964, until Aug. 13, 1965, lowest recording stage was 3.48 m (11.42 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,350 m³/s (47,600 ft³/s) May 9, 1950.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	1350	(47600)	--	--	--	--
1951	06/01/51	371	(13100)	--	--	--	--
1952	07/14/52	65.1	(2300)	--	--	--	--
1953	04/30/53	5.38	(190)	--	--	--	--
1954	08/23/54	67.4	(2380)	--	--	--	--
1955	06/24/55	142	(5020)	--	--	--	--
1956	08/18/56	64.9	(2290)	--	--	--	--
1957	07/01/57	142	(5000)	--	--	--	--
1958	07/10/58	120	(4250)	--	--	--	--
1959	05/05/59	173	(6100)	--	--	--	--
1960	03/27/60	66.3	(2340)	--	--	--	--
1961	09/12/61	38.8	(1370)	--	4.23	(13.88)	--
1962	05/28/62	58.3	(2060)	--	4.91	(16.12)	--
1963	06/24/63	71.6	(2530)	--	5.27	(17.29)	--
1964	06/16/64	57.2	(2020)	--	4.87	(15.98)	--
1965	06/29/65	62.0	(2190)	--	4.99	(16.38)	--
1966	06/27/66	30.3	(1070)	--	3.88	(12.72)	--
1967	06/10/67	70.8	(2500)	--	5.25	(17.21)	--

06810300 WOLF CREEK NEAR SYRACUSE, NE

LOCATION.--Lat. 40°40', long 96°13', in NE1/4 NE1/4 sec.18, T.8 N., R.11 E., Otoe County, Hydrologic Unit 10240006, at bridge on former State Highway 2, 1.0 km (0.6 mi) south of present State Highway 2, 0.8 km (0.5 mi) upstream from Little Nemaha River, 4.0 km (2.5 mi) northwest of Syracuse, and 4.8 km (3.0 mi) east at Unadilla.

DRAINAGE AREA.--65.8 km² (25.4 mi²).

PERIOD OF RECORD.--1950 to 1967 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 312.84 m (1026.38 ft) above sea level. Lowest recording stage, since July 5, 1962, is 1.80 m (5.90 ft). Prior to Feb. 24, 1954, lowest recording stage was 3.31 m (10.85 ft). From Feb. 24, 1954, until July 5, 1962, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 453 m³/s (16,000 ft³/s) May 9, 1950, gage height 9.33 m (30.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	05/09/50	453 (16000)	2	9.33 (30.60)	1
1951	06/01/51	326 (11500)	--	8.34 (27.36)	--
1952	07/14/52	43.3 (1530)	--	5.00 (16.42)	--
1953	06/08/53	1.13 (40)	--	1.83 (6.00)	--
1954	08/23/54	11.9 (420)	--	3.83 (12.56)	--
1955	06/24/55	144 (5100)	--	6.61 (21.67)	--
1956	08/18/56	34.8 (1230)	--	4.80 (15.76)	--
1957	07/01/57	12.5 (440)	--	3.85 (12.63)	--
1958	07/10/58	119 (4200)	2	8.13 (26.67)	1
1959	05/18/59	62.3 (2200)	--	5.37 (17.62)	--
1960	03/27/60	31.2 (1100)	--	3.64 (11.94)	--
1961	09/12/61	26.1 (920)	--	2.89 (9.47)	--
1962	05/28/62	27.5 (970)	--	2.95 (9.67)	--
1963	06/24/63	96.3 (3400)	--	5.07 (16.64)	--
1964	06/16/64	28.3 (1000)	--	3.01 (9.88)	--
1965	06/02/65	142 (5000)	--	5.06 (16.60)	--
1966	06/27/66	6.51 (230)	--	0.97 (3.18)	--
1967	06/10/67	147 (5200)	--	5.14 (16.87)	--

06810400 LITTLE NEMAHA RIVER TRIBUTARY NEAR SYRACUSE, NE

LOCATION.--Lat. 40°40'05", long 96°11'54", in SE1/4 SE1/4 sec.8, T.8 N., R.11 E., Otoe County, Hydrologic Unit 10240006, at multiple box culvert on former State Highway 2, 1.6 km (1.0 mi) south of present State Highway 2, 15 m (50 ft) west of dirt road and 2.4 km (1.5 mi) northwest of Syracuse.

DRAINAGE AREA.--1.84 km² (0.71 mi²).

PERIOD OF RECORD.--1950 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 323.09 m (1060 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Gage was originally to the downstream face of the concrete pier of the double box culvert. On May 21, 1951 the gage was lowered 0.24 m (0.8 ft) from the original position. On Aug. 1, 1951 the gage was moved to the upstream face of the concrete pier and the pipe was set 0.162 m (0.53 ft) lower than the original setting. On May 13, 1952 the pipe was raised 0.3 m (1.0 ft) to its present datum. On Aug. 18, 1954, four screen strips installed in left culvert tube running from the floor to the ceiling, not maintained. On Apr. 8, 1955, two Columbus-type auxiliary gages established in the approach section of the channel 5.94 m (19.5 ft) upstream from the culvert, only one remains. On July, 25, 1966 the main crest gage was moved from the upstream end of the pier to the left upstream corner of the culvert.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 20.5 m³/s (723 ft³/s) June 24, 1955, Aug. 18, 1956, gage height, 4.27 m (14.01 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	36.2	(1280)	--	5.06	(16.60)	--
1951	06/01/51	11.6	(411)	--	3.84	(12.60)	--
1952	07/14/52	11.7	(414)	--	3.85	(12.62)	--
1953	05/19/53	≤0.01	(≤.5)	--	2.62	(8.61)	--
1954	08/23/54	4.19	(148)	--	3.19	(10.48)	--
1955	06/24/55	20.5	(723)	--	4.27	(14.01)	--
1956	08/18/56	20.5	(723)	--	4.27	(14.01)	--
1957	07/01/57	8.24	(291)	--	3.58	(11.73)	--
1958	07/10/58	6.63	(234)	--	3.44	(11.28)	--
1959	05/18/59	17.6	(620)	--	4.16	(13.65)	--
1960	08/28/60	7.28	(257)	--	3.49	(11.46)	--
1961	09/12/61	4.90	(173)	--	3.27	(10.72)	--
1962	08/31/62	8.84	(312)	--	3.62	(11.89)	--
1963	07/30/63	3.26	(115)	--	3.09	(10.15)	--
1964	06/16/64	3.20	(113)	--	3.08	(10.12)	--
1965	06/12/65	10.0	(353)	--	3.72	(12.19)	--
1966	08/20/66	3.34	(118)	--	3.10	(10.17)	--
1967	06/10/67	4.25	(150)	--	3.20	(10.51)	--
1968	07/23/68	7.39	(261)	--	3.51	(11.50)	--
1969	05/07/69	10.9	(386)	--	3.79	(12.43)	--
1970	03/01/70	3.51	(124)	--	3.12	(10.25)	--
1971	05/18/71	.71	(25)	2	--	--	--
1972	04/27/72	.71	(25)	2	--	--	--
1973	09/26/73	4.47	(158)	--	3.22	(10.58)	--
1974	10/10/73	4.33	(153)	--	3.21	(10.54)	--
1975	06/19/75	4.76	(168)	--	3.26	(10.68)	--
1976	03/30/76	.71	(25)	--	2.74	(9.00)	--
1977	09/04/77	3.62	(128)	--	3.13	(10.27)	--
1978	05/07/78	.03	(1)	--	2.61	(8.55)	--

06810500 LITTLE NEMAHA RIVER NEAR SYRACUSE, NE

LOCATION.--Lat. 40°37'58", long 96°10'46", in SE1/4 NE1/4 sec.28, T.8 N., R.11 E., Otoe County, Hydrologic Unit 10240006, on left bank 12 m (40 ft) upstream from bridge on State Highway 50, 1.8 km (1.1 mi) south of Syracuse, and 5.23 km (3.25 mi) downstream from Owl Creek.

DRAINAGE AREA.--565 km² (218 mi²).

PERIOD OF RECORD.--1951 to 1969 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 302.63 m (992.87 ft) above sea level. Prior to June 24, 1966, all gages at datum 1.52 m (5.0 ft) higher.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 6,370 m³/s (225,000 ft³/s) May 9, 1950, gage height, 13.33 m (43.74 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 810 m³/s (28,600 ft³/s) June 2, 1951. gage height, 10.06 m (33.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1950	05/09/50	6370 (225000)	7	13.33 (43.74)	--
1951	06/02/51	810 (28600)	--	10.06 (33.00)	--
1952	07/14/52	186 (6570)	--	5.35 (17.55)	--
1953	04/30/53	10.7 (379)	--	2.91 (9.56)	--
1954	08/23/54	146 (5150)	--	5.12 (16.80)	--
1955	06/24/55	532 (18800)	--	6.66 (21.85)	--
1956	08/18/56	168 (5940)	--	5.82 (19.10)	--
1957	07/01/57	137 (4820)	--	5.71 (18.75)	--
1958	07/10/58	716 (25300)	--	10.29 (33.75)	--
1959	05/05/59	346 (12200)	--	7.10 (23.30)	--
1960	03/28/60	234 (8270)	--	6.03 (19.77)	--
1961	09/12/61	103 (3640)	--	4.48 (14.70)	--
1962	05/29/62	148 (5230)	--	5.09 (16.70)	--
1963	06/25/63	371 (13100)	--	7.16 (23.48)	--
1964	06/17/64	140 (4940)	--	4.98 (16.34)	--
1965	06/02/65	297 (10500)	--	6.82 (22.39)	--
1966	06/28/66	56.6 (2000)	--	3.66 (12.00)	--
1967	06/10/67	266 (9400)	--	6.92 (22.70)	--
1968	07/23/68	42.2 (1490)	--	3.55 (11.64)	--
1969	04/04/69	202 (7150)	--	6.18 (20.28)	--

06811500 LITTLE NEMAHA RIVER AT AUBURN, NE

LOCATION.--Lat. 40°23'33", long 95°48'46", in NE1/4 NW1/4 sec.23, T.5 N., R.14 E., Nemaha County, Hydrologic Unit 10240006, on left bank at downstream side of bridge on U.S. Highway 136, 1.6 km (1 mi) downstream from Longs Creek and Willow Creek, 1.6 km (1 mi) east of Auburn, and at kilometer 16.7 (mile 10.4).

DRAINAGE AREA.--2,050 km² (793 mi²).

PERIOD OF RECORD.--1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 271.23 m (889.87 ft) above sea level. See WSP 2119 for history of changes prior to July 24, 1967.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,640 m³/s (164,000 ft³/s) May 9, 1950, gage height, 8.43 m (27.65 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/09/50	4640	(164000)	--	8.43	(27.65)	--
1951	06/02/51	1610	(56800)	--	7.61	(24.96)	--
1952	06/27/52	609	(21500)	--	6.78	(22.26)	--
1953	04/30/53	19.3	(680)	--	2.25	(7.37)	--
1954	06/17/54	980	(34600)	--	6.95	(22.80)	--
1955	06/24/55	564	(19900)	--	6.62	(21.72)	--
1956	07/02/56	351	(12400)	--	5.70	(18.70)	--
1957	06/17/57	428	(15100)	--	5.84	(19.17)	--
1958	07/10/58	1390	(49200)	--	7.40	(24.28)	--
1959	05/18/59	348	(12300)	--	5.74	(18.84)	--
1960	03/27/60	1360	(48000)	--	7.38	(24.20)	--
1961	09/13/61	210	(7410)	--	4.50	(14.76)	--
1962	05/28/62	592	(20900)	--	5.94	(19.48)	--
1963	06/24/63	575	(20300)	--	5.78	(18.96)	--
1964	06/17/64	660	(23300)	--	6.33	(20.76)	--
1965	06/02/65	1020	(36000)	--	7.07	(23.20)	--
1966	06/28/66	152	(5380)	--	3.63	(11.92)	--
1967	06/10/67	816	(28800)	--	6.77	(22.21)	--
1968	07/24/68	98.0	(3460)	--	3.19	(10.46)	--
1969	04/04/69	555	(19600)	--	5.92	(19.42)	2
1970	01/25/70	113	(4000)	2	4.28	(14.03)	1
1971	02/18/71	199	(7020)	--	4.03	(13.21)	--
1972	06/17/72	58.1	(2050)	--	2.76	(9.06)	--
1973	09/26/73	750	(26500)	--	7.38	(24.20)	--
1974	10/11/73	773	(27300)	--	7.47	(24.50)	--
1975	03/18/75	76.5	(2700)	2	3.23	(10.60)	1
1976	04/24/76	283	(10000)	--	5.18	(17.00)	--
1977	09/04/77	906	(32000)	--	6.88	(22.58)	--
1978	04/17/78	1550	(54900)	--	7.56	(24.79)	--
1979	03/03/79	1520	(53800)	--	7.53	(24.70)	--
1980	04/03/80	137	(4850)	--	3.96	(12.98)	--
1981	08/03/81	39.6	(1400)	--	2.32	(7.61)	--
1982	08/13/82	657	(23200)	--	7.01	(23.00)	2
1983	06/14/83	280	(9880)	--	4.74	(15.56)	--
1984	06/13/84	773	(27300)	--	7.21	(23.65)	--
1985	06/26/85	121	(4260)	--	3.34	(10.97)	--

06811500 LITTLE NEMAHA RIVER AT AUBURN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1986	07/06/86	600	(21200)	--	6.92	(22.69)	--
1987	10/12/86	801	(28300)	--	7.54	(24.73)	--
1988	05/24/88	137	(4850)	--	3.54	(11.62)	--
1989	09/09/89	753	(26600)	--	7.35	(24.12)	--
1990	07/26/90	507	(17900)	--	6.51	(21.35)	--
1991	07/09/91	71.1	(2510)	--	2.65	(8.71)	--
1992	07/25/92	1140	(40300)	--	7.63	(25.02)	--
1993	07/24/93	2970	(105000)	--	8.07	(26.49)	--

06814500 NORTH FORK BIG NEMAHA RIVER AT HUMBOLDT, NE

LOCATION.—Lat. 40°09'25", long 95°56'40", in NW1/4 NE1/4 sec.10, T.2 N., R.13 E., Richardson County, Hydrologic Unit 10240008, on right bank near right downstream wingwall of bridge on State highway 105 at south edge of Humboldt, 240 m (800 ft) from Long Branch Creek, and at kilometer 26.7 (mile 16.6).

DRAINAGE AREA.—1,420 km² (548 mi²).

PERIOD OF RECORD.—1953 to current year. Prior to October 1967 published as North Fork Nemaha River at Humboldt.

GAGE.—Water-stage recorder, non-recording gage read twice daily, Datum of gage is 287.87 m (944.44 ft) above sea level. Prior to Apr. 5, 1968, non-recording gage at present site and datum.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 1,690 m³/s (59,500 ft³/s) Aug. 13, 1982, gage height, 9.52 m (31.25 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	08/06/53	61.7	(2180)	--	2.79	(9.15)	--
1954	06/17/54	1230	(43300)	--	8.68	(28.48)	--
1955	06/24/55	382	(13500)	--	4.45	(14.60)	--
1956	07/02/56	532	(18800)	--	5.37	(17.61)	--
1957	06/17/57	295	(10400)	--	4.16	(13.65)	--
1958	07/10/58	1440	(51000)	--	9.66	(31.70)	--
1959	03/26/59	357	(12600)	--	4.38	(14.36)	--
1960	03/27/60	1030	(36200)	--	7.38	(24.20)	--
1961	09/30/61	869	(30700)	--	6.75	(22.15)	--
1962	07/20/62	575	(20300)	--	5.11	(16.75)	--
1963	06/24/63	691	(24400)	--	5.81	(19.05)	--
1964	06/17/64	793	(28000)	--	6.29	(20.65)	--
1965	06/28/65	569	(20100)	--	5.21	(17.10)	--
1966	09/02/66	84.1	(2970)	--	2.43	(7.98)	--
1967	06/09/67	558	(19700)	--	5.15	(16.90)	--
1968	08/09/68	595	(21000)	--	5.33	(17.50)	--
1969	10/17/68	419	(14800)	--	4.45	(14.60)	--
1970	06/16/70	265	(9360)	--	3.75	(12.30)	--
1971	02/17/71	192	(6780)	--	3.28	(10.75)	--
1972	11/17/71	39.9	(1410)	--	2.06	(6.76)	--
1973	09/26/73	895	(31600)	--	7.59	(24.90)	--
1974	10/11/73	901	(31800)	--	7.62	(25.00)	--
1975	06/18/75	391	(13800)	--	4.57	(15.00)	--
1976	04/17/76	234	(8270)	--	3.63	(11.92)	--
1977	09/12/77	326	(11500)	--	4.25	(13.94)	--
1978	07/22/78	1340	(47200)	--	8.63	(28.30)	--
1979	03/03/79	770	(27200)	--	6.79	(22.27)	--
1980	03/29/80	295	(10400)	--	4.01	(13.15)	--
1981	09/25/81	74.8	(2640)	--	2.38	(7.80)	--
1982	08/13/82	1690	(59500)	--	9.52	(31.25)	--
1983	06/18/83	595	(21000)	--	5.85	(19.20)	--
1984	06/09/84	578	(20400)	--	5.78	(18.95)	--
1985	09/13/85	163	(5750)	--	3.04	(9.96)	--

06814500 NORTH FORK BIG NEMAHA RIVER AT HUMBOLDT, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1986	09/19/86	598	(21100)	--	4.88	(16.00)	2
1987	10/11/86	770	(27200)	--	5.24	(17.20)	--
1988	05/19/88	49.6	(1750)	--	1.63	(5.34)	--
1989	09/04/89	909	(32100)	--	5.83	(19.13)	--
1990	06/15/90	300	(10600)	--	3.44	(11.30)	--
1991	05/17/91	51.5	(1820)	--	1.66	(5.44)	2
1992	07/30/92	1220	(43000)	--	7.70	(25.25)	--
1993	07/06/93	1260	(44600)	--	6.68	(21.93)	--

06815000 BIG NEMAHA RIVER AT FALLS CITY, NE

LOCATION.--Lat. 40°02'08", long 95°35'45", in NE1/4 SE1/4 sec.22, T.1 N., R.16 E., Richardson County, Hydrologic Unit 10240008, on right bank near upstream side of bridge on U.S. Highway 73, 1.6 km (1 mi) south of Falls City and 23.3 km (14.5 mi) upstream from mouth.

DRAINAGE AREA.--3,470 km² (1,340 mi²).

PERIOD OF RECORD.--1944 to current year. Prior to October 1967, published as Nemaha River at Falls City.

GAGE.--Water-stage recorder. Datum of gage is 262.51 m (861.24 ft) above sea level. Prior to Oct. 16, 1952, non-recording gage and Aug. 24, 1982, water-stage recorder for stages above 1.86 m (6.1 ft) at site 46 m (150 ft) downstream at same datum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 850 m³/s (30,000 ft³/s) June 10, 1941, gage height, 8.41 m (27.60 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,030 m³/s (71,600 ft³/s) Oct. 11, 1973, gage height, 9.57 m (31.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	06/10/41	850	(30000)	2, 7	8.41	(27.60)	--
1944	04/23/44	487	(17200)	--	6.61	(21.68)	2
1945	05/14/45	626	(22100)	--	7.77	(25.50)	--
1946	09/04/46	773	(27300)	--	7.85	(25.77)	--
1947	06/12/47	739	(26100)	--	7.82	(25.65)	--
1948	03/19/48	396	(14000)	--	6.02	(19.76)	--
1949	06/02/49	969	(34200)	--	8.78	(28.80)	--
1950	05/09/50	745	(26300)	--	7.92	(26.00)	--
1951	05/01/51	940	(33200)	--	8.31	(27.27)	--
1952	08/29/52	745	(26300)	--	7.33	(24.06)	--
1953	08/07/53	54.4	(1920)	--	2.39	(7.84)	2
1954	06/17/54	1460	(51400)	--	8.36	(27.44)	2
1955	06/24/55	453	(16000)	--	5.31	(17.41)	--
1956	07/03/56	379	(13400)	--	5.21	(17.10)	--
1957	06/17/57	374	(13200)	--	4.52	(14.83)	--
1958	07/10/58	994	(35100)	--	7.96	(26.13)	2
1959	05/30/59	581	(20500)	--	5.30	(17.40)	--
1960	03/28/60	1330	(46900)	--	8.46	(27.75)	--
1961	09/30/61	903	(31900)	--	7.01	(23.00)	--
1962	07/20/62	895	(31600)	--	6.98	(22.90)	--
1963	06/24/63	566	(20000)	--	5.64	(18.50)	--
1964	06/22/64	623	(22000)	--	5.88	(19.28)	--
1965	06/29/65	1350	(47700)	--	8.81	(28.90)	--
1966	06/09/66	76.2	(2690)	--	2.28	(7.48)	--
1967	06/12/67	926	(32700)	--	7.89	(25.90)	--
1968	07/16/68	1080	(38000)	--	7.99	(26.20)	--
1969	10/17/68	490	(17300)	--	5.76	(18.90)	2
1970	06/16/70	476	(16800)	--	5.53	(18.15)	--

06815000 BIG NEMAHA RIVER AT FALLS CITY, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1971	02/19/71	134	(4720)	--	2.62	(8.59)	2
1972	08/03/72	179	(6320)	--	3.36	(11.02)	--
1973	08/12/73	1080	(38200)	--	8.05	(26.40)	--
1974	10/11/73	2030	(71600)	--	9.57	(31.40)	--
1975	06/18/75	231	(8160)	--	3.72	(12.20)	--
1976	04/24/76	331	(11700)	--	4.45	(14.60)	--
1977	09/13/77	1070	(37800)	--	8.00	(26.25)	--
1978	05/07/78	1250	(44000)	--	7.88	(25.85)	--
1979	03/03/79	1270	(44800)	--	7.96	(26.10)	--
1980	03/30/80	728	(25700)	--	6.10	(20.01)	--
1981	08/07/81	225	(7960)	--	3.44	(11.30)	--
1982	08/13/82	1300	(46000)	--	8.41	(27.60)	--
1983	06/14/83	852	(30100)	--	6.74	(22.10)	--
1984	06/09/84	1180	(41800)	--	8.06	(26.43)	--
1985	09/14/85	354	(12500)	--	4.32	(14.17)	--
1986	10/10/85	657	(23200)	--	5.86	(19.22)	--
1987	05/27/87	1080	(38200)	--	6.97	(22.88)	--
1988	11/01/87	103	(3620)	--	2.12	(6.95)	--
1989	09/09/89	957	(33800)	--	7.27	(23.85)	--
1990	06/15/90	518	(18300)	--	5.11	(16.78)	--
1991	05/17/91	394	(13900)	--	4.26	(13.96)	--
1992	07/30/92	1160	(40900)	--	8.54	(28.03)	--
1993	07/06/93	1670	(59000)	--	9.07	(29.77)	--

06815500 MUDDY CREEK AT VERDON, NE

LOCATION.--Lat. 40°08'40", long 95°43'10", in NE1/4 NW1/4 sec.15, T.2 N., R.15 E., Richardson County, Hydrologic Unit 10240008, on downstream end of right pier of bridge on U.S. Highway 73, 0.6 km (0.4 mi) west of Verdon, and 1.6 km (1.0 mi) downstream from Sardine Creek.

DRAINAGE AREA.--482 km² (186 mi²).

PERIOD OF RECORD.--1953 to 1973 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 273.33 m (896.74 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 991 m³/s (35,000 ft³/s) Aug. 12, 1973, gage height, 9.97 m (32.71 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	11/16/52	114	(4040)	--	3.62	(11.87)	--
1954	06/17/54	484	(17100)	--	7.00	(22.97)	--
1955	02/18/55	184	(6480)	--	4.43	(14.55)	2
1956	07/02/56	237	(8370)	--	5.08	(16.67)	--
1957	06/17/57	289	(10200)	--	5.59	(18.35)	--
1958	07/10/58	903	(31900)	--	9.60	(31.50)	--
1959	03/26/59	190	(6700)	--	4.96	(16.26)	--
1960	03/27/60	566	(20000)	--	7.28	(23.90)	--
1961	09/30/61	504	(17800)	--	7.49	(24.58)	--
1962	05/28/62	286	(10100)	--	5.97	(19.60)	--
1963	08/12/63	147	(5200)	--	4.66	(15.30)	--
1964	06/17/64	391	(13800)	--	6.77	(22.20)	--
1965	06/29/65	258	(9110)	--	5.74	(18.82)	--
1966	06/08/66	68.0	(2400)	--	3.62	(11.88)	--
1967	06/11/67	586	(20700)	--	7.99	(26.22)	--
1968	08/10/68	104	(3680)	--	4.26	(13.98)	--
1969	05/07/69	368	(13000)	--	6.63	(21.75)	--
1970	06/16/70	156	(5500)	--	4.88	(16.00)	--
1971	10/23/70	76.5	(2700)	--	3.86	(12.65)	--
1972	07/18/72	122	(4320)	--	4.37	(14.35)	--
1973	08/12/73	991	(35000)	--	9.97	(32.71)	--

06815510 TEMPLE CREEK NEAR FALLS CITY, NE

LOCATION.--Lat. 40°08'36", long 95°36'27", in NE1/4 NW1/4 sec.15, T.2 N., R.16 E., Richardson County, Hydrologic Unit 10240008, on culvert under U.S. Highway No. 73 and Nebr. Highway No. 4, 10 km (6 mi) north of Falls City.

DRAINAGE AREA.--7.74 km² (2.99 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Lowest recording stage is 2.37 m (7.79 ft). Gage damaged in Sept. 1968, replaced Apr. 9, 1970.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 29.7 m³/s (1,050 ft³/s) Aug. 12, 1973, gage height, 3.91 m (12.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	07/15/68	17.8 (629)	--	3.31 (10.85)	--
1969	04/26/69	0.57 (20)	--	2.07 (6.79)	--
1970	06/16/70	19.4 (685)	--	3.39 (11.11)	--
1971	07/18/71	.57 (20)	2	-- --	--
1972	08/03/72	4.67 (165)	--	2.51 (8.24)	--
1973	08/12/73	29.7 (1050)	--	3.91 (12.83)	--
1974	10/11/73	28.6 (1010)	--	3.85 (12.64)	--
1975	09/03/75	.17 (6)	--	2.07 (6.80)	--
1976	04/24/76	.057 (2)	2	1.95 (6.40)	--
1977	09/03/77	3.54 (125)	--	2.51 (8.23)	--
1978	06/27/78	16.4 (580)	--	3.24 (10.62)	--

06821500 ARIKAREE RIVER AT HAIGLER, NE

LOCATION.--Lat. 40°01'45", long 101°58'10", in NE1/4 NE1/4 sec.29, T.1 N., R.41 W., Dundy County, Hydrologic Unit 10250001, on right bank at downstream side of bridge on U.S. Highway 34, 2.1 km (1.3 mi) upstream from Burlington Northern Inc., bridge, 3.1 km (1.9 mi) upstream from confluence with North Fork Republican River, 3.2 km (2 mi) northwest of Haigler, and 5.2 km (3.2 mi) downstream from Kansas-Nebraska line.

DRAINAGE AREA.--4,403 km² (1,700 mi²), approximately, of which about 2,642 km² (1,020 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1932 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 990.90 m (3,250.98 ft) above sea level. See WSP 1919 for history of changes prior to Sept. 26, 1964. Sept. 1964 to Apr. 25, 1964 to Apr. 25, 1982 on left bank 17.4 m (57 ft) downstream from bridge at present datum.

REMARKS.--Natural flow affected by ground-water withdrawals and diversions for irrigation of about 6.070 km² (1,500 acres) in Colorado and by return flow from Haigler Canal.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,420 m³/s (50,000 ft³/s) May 31, 1935.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1932	08/27/32	66.0 (2330)	5	-- --	--
1933	07/09/33	935 (33000)	2, 5	-- --	--
1934	06/15/34	99.7 (3520)	5	-- --	--
1935	05/31/35	1420 (50000)	5	-- --	--
1936	05/29/36	462 (16300)	5	-- --	--
1937	09/07/37	12.3 (434)	5	-- --	--
1938	09/03/38	218 (7700)	5	-- --	--
1939	07/31/39	105 (3700)	2, 5	1.68 (5.50)	--
1940	09/03/40	552 (19500)	5	2.51 (8.25)	--
1941	07/12/41	200 (7070)	5	1.99 (6.53)	--
1942	03/13/42	156 (5510)	5	1.83 (6.01)	--
1943	07/30/43	5.95 (210)	5	1.05 (3.44)	--
1944	08/23/44	69.4 (2450)	5	1.81 (5.94)	--
1945	06/24/45	16.1 (570)	5	1.36 (4.45)	--
1946	07/19/46	108 (3830)	5	2.19 (7.20)	--
1947	04/28/47	68.0 (2400)	5	1.77 (5.80)	--
1948	06/16/48	227 (8000)	2, 5	2.58 (8.47)	--
1949	05/11/49	44.7 (1580)	5	1.57 (5.14)	--
1950	08/26/50	115 (4060)	5	2.23 (7.33)	--
1951	09/07/51	110 (3900)	5	2.29 (7.52)	--
1952	05/08/52	19.3 (680)	2, 5	1.40 (4.60)	5
1953	08/04/53	26.2 (924)	5	1.56 (5.13)	--
1954	09/28/54	24.7 (872)	5	1.50 (4.91)	--
1955	06/15/55	180 (6360)	5	2.77 (9.08)	--
1956	08/17/56	161 (5680)	5	2.80 (9.17)	--
1957	05/16/57	83.8 (2960)	5	2.30 (7.55)	--
1958	08/16/58	221 (7790)	5	3.19 (10.48)	--
1959	05/20/59	14.5 (511)	5	1.23 (4.04)	--
1960	03/24/60	161 (5690)	5	2.47 (8.09)	--

06821500 ARIKAREE RIVER AT HAIGLER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1961	08/01/61	87.5	(3090)	5	1.94	(6.35)	--
1962	07/31/62	194	(6850)	5	3.07	(10.06)	--
1963	09/20/63	45.0	(1590)	5	2.26	(7.42)	--
1964	06/14/64	63.7	(2250)	5	2.51	(8.25)	--
1965	07/25/65	154	(5430)	5	3.22	(10.58)	--
1966	09/03/66	23.8	(842)	5	1.76	(5.77)	--
1967	06/11/67	32.3	(1140)	5	1.91	(6.27)	--
1968	08/28/68	32.9	(1160)	5	2.02	(6.62)	--
1969	08/22/69	25.0	(882)	5	1.88	(6.17)	--
1970	06/12/70	1.59	(56)	5	1.15	(3.77)	--
1971	05/10/71	3.40	(120)	5	1.27	(4.16)	2
1972	06/17/72	58.9	(2080)	5	2.37	(7.79)	--
1973	07/20/73	68.5	(2420)	5	2.49	(8.17)	--
1974	06/09/74	13.5	(478)	5	1.62	(5.33)	--
1975	05/29/75	35.4	(1250)	5	2.45	(8.04)	--
1976	05/21/76	4.33	(153)	5	1.40	(4.59)	--
1977	04/20/77	79.0	(2790)	5	2.89	(9.49)	--
1978	06/08/78	2.83	(100)	5	1.43	(4.70)	--
1979	07/31/79	25.3	(894)	5	2.46	(8.06)	--
1980	06/20/80	11.9	(420)	5	2.50	(8.20)	--
1981	08/17/81	10.3	(365)	5	2.37	(7.77)	--
1982	06/30/82	36.5	(1290)	5	2.86	(9.39)	--
1983	06/05/83	19.6	(692)	5	2.53	(8.30)	--
1984	04/21/84	5.78	(204)	5	2.02	(6.63)	--
1985	07/31/85	38.2	(1350)	5	2.89	(9.47)	--
1986	07/09/86	70.0	(2470)	5	3.24	(10.62)	--
1987	05/04/87	3.20	(113)	5	1.80	(5.92)	--
1988	05/03/88	6.32	(223)	5	2.01	(6.60)	--
1989	06/09/89	3.17	(112)	5	1.73	(5.66)	--
1990	05/31/90	5.61	(198)	5	1.95	(6.40)	--
1991	07/24/91	13.4	(473)	5	2.67	(8.75)	--
1992	08/12/92	9.94	(351)	5	2.59	(8.49)	--
1993	07/25/93	3.17	(112)	5	2.01	(6.60)	--

06823000 NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA STATE LINE

LOCATION.--Lat. 40°04'10", long 102°03'05", in SE1/4 NW1/4 sec.10, T.1 N., R.42 W., Dundy County, Hydrologic Unit 10250002, on right bank 30 m (100 ft) east of Colorado-Nebraska State line, 15.3 km (9.5 mi) upstream from confluence with Arikaree River, and at kilometer 721 (mile 448).

DRAINAGE AREA.--6,138 km² (2,370 mi²), approximately, of which about 451 km² (174 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1931 to current year. Prior to October 1932, published as North Fork of Arikaree River at Colorado-Nebraska State line. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Steel piling control since January 1965. Datum of gage is 1,016.84 m (3,336.09 ft) above sea level. Prior to Oct. 17, 1934, non-recording gage at present site and datum.

REMARKS.--Natural flow affected by diversion in Pioneer Canal for irrigation of about 10.93 km² (2,700 acres) in Colorado and Nebraska.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 59.8 m³/s (2,110 ft³/s) Apr. 28, 1947, gage height. 1.80 m (5.92 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1931	04/01/31	5.38 (190)	5	1.31 (4.31)	--
1932	07/30/32	10.7 (378)	5	1.07 (3.50)	--
1933	07/09/33	6.03 (213)	5	1.00 (3.27)	--
1934	06/15/34	14.5 (512)	5	1.22 (4.00)	--
1935	06/01/35	10.4 (367)	5	1.06 (3.49)	--
1936	05/29/36	12.3 (433)	5	1.13 (3.71)	--
1937	07/24/37	3.94 (139)	5	0.81 (2.66)	--
1938	05/30/38	17.8 (628)	5	1.38 (4.54)	--
1939	08/01/39	3.60 (127)	5	.86 (2.83)	2
1940	09/03/40	34.6 (1220)	5	1.74 (5.72)	--
1941	06/05/41	10.9 (386)	5	1.02 (3.36)	2
1942	09/02/42	6.34 (224)	5	.92 (3.03)	2
1943	10/15/42	4.08 (144)	5	.81 (2.67)	2
1944	08/22/44	4.47 (158)	5	.82 (2.68)	2
1945	09/27/45	6.94 (245)	5	.90 (2.94)	--
1946	07/08/46	5.95 (210)	5	.93 (3.05)	2
1947	04/28/47	59.8 (2110)	5	1.80 (5.92)	--
1948	06/15/48	18.0 (637)	5	1.19 (3.92)	--
1949	08/16/49	9.91 (350)	5	.88 (2.89)	2
1950	08/10/50	9.18 (324)	5	.91 (2.97)	--
1951	05/15/51	41.3 (1460)	5	1.41 (4.62)	--
1952	03/27/52	2.83 (100)	5	.67 (2.19)	2
1953	08/15/53	5.47 (193)	5	.75 (2.46)	2
1954	08/17/54	23.2 (819)	5	1.08 (3.54)	--
1955	06/19/55	7.87 (278)	5	.79 (2.58)	2
1956	08/11/56	15.4 (544)	5	.94 (3.10)	--
1957	07/26/57	17.6 (620)	5	.95 (3.13)	2
1958	05/02/58	35.7 (1260)	5	1.31 (4.30)	--
1959	03/28/59	8.35 (295)	2, 5	.87 (2.84)	1
1960	07/06/60	12.0 (424)	5	.89 (2.91)	2

06823000 NORTH FORK REPUBLICAN RIVER AT COLORADO-NEBRASKA--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1961	08/01/61	4.98	(176)	5	.72	(2.35)	--
1962	07/31/62	34.8	(1230)	5	1.66	(5.43)	--
1963	03/11/63	2.69	(95)	5	.47	(1.53)	2
1964	06/14/64	5.75	(203)	5	.70	(2.30)	2
1965	06/05/65	8.04	(284)	5	.89	(2.93)	--
1966	06/09/66	10.6	(376)	5	0.93	(3.06)	2
1967	06/11/67	9.35	(330)	5	.87	(2.87)	--
1968	08/27/68	26.6	(938)	5	1.41	(4.64)	--
1969	05/07/69	4.90	(173)	5	.68	(2.23)	2
1970	10/30/69	2.58	(91)	5	.48	(1.57)	2
1971	04/19/71	3.29	(116)	5	.54	(1.76)	2
1972	10/18/71	4.30	(152)	5	.61	(2.01)	2
1973	07/20/73	8.89	(314)	5	.86	(2.81)	--
1974	06/09/74	5.01	(177)	5	.65	(2.12)	2
1975	05/30/75	6.88	(243)	5	.76	(2.49)	--
1976	12/03/75	2.35	(83)	5	.49	(1.60)	2
1977	06/22/77	8.44	(298)	5	.83	(2.73)	2
1978	06/06/78	2.12	(75)	5	.40	(1.32)	2
1979	03/22/79	2.12	(75)	5	.38	(1.25)	--
1980	04/04/80	5.95	(210)	2, 5	.57	(1.86)	--
1981	03/29/81	3.12	(110)	5	.51	(1.66)	2
1982	05/30/82	30.9	(1090)	5	1.52	(4.98)	--
1983	08/22/83	4.53	(160)	5	.53	(1.75)	--
1984	04/21/84	4.02	(142)	5	.50	(1.63)	2
1985	02/16/85	2.41	(85)	5	.35	(1.16)	2
1986	07/10/86	3.65	(129)	5	.46	(1.52)	2
1987	05/05/87	3.12	(110)	5	.43	(1.40)	--
1988	05/03/88	3.00	(106)	5	.40	(1.31)	2
1989	06/09/89	2.15	(76)	5	.35	(1.14)	2
1990	04/26/90	2.29	(81)	5	.47	(1.54)	2
1991	07/24/91	2.63	(93)	5	.36	(1.19)	2
1992	08/12/92	35.7	(1260)	5	1.44	(4.74)	--
1993	07/24/93	1.93	(68)	5	.31	(1.03)	2

06823500 BUFFALO CREEK NEAR HAIGLER, NE

LOCATION.--Lat. 40°02'22", long 101°51'57", in SE1/4 NW1/4 sec.20, T.1 N., R.40 W., Dundy County, Hydrologic Unit 10250002, on left bank 4.6 m (15 ft) upstream from county highway bridge, 0.6 km (0.4 mi) upstream from mouth, and 6.4 km (4 mi) northeast of Haigler.

DRAINAGE AREA.--445 km² (172 mi²), approximately, of which about 22 km² (8.6 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 971.98 m (3,188.90 ft) above sea level. Prior to Sept. 19, 1980, at site 0.8 km (0.5 mi) upstream at datum 4.78 m (15.67 ft) higher.

REMARKS.--Natural flow affected by diversion about 1.6 km (1 mi) upstream for irrigation of 3.561 km² (880 acres).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3.96 m³/s (140 ft³/s) June 27, 1948, gage height, 1.33 m (4.37 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	07/11/41	0.88	(31)	--	0.85	(2.79)	--
1942	09/02/42	2.61	(92)	--	1.38	(4.53)	--
1943	10/15/42	1.42	(50)	--	1.01	(3.32)	--
1944	04/23/44	1.73	(61)	--	1.05	(3.46)	2
1945	09/27/45	1.78	(63)	--	1.19	(3.89)	--
1946	03/16/46	.99	(35)	--	1.08	(3.55)	2
1947	04/28/47	.96	(34)	--	.88	(2.88)	2
1948	06/27/48	3.96	(140)	2	1.33	(4.37)	--
1949	02/11/49	1.64	(58)	2	1.00	(3.29)	2
1950	08/11/50	3.68	(130)	2	1.41	(4.62)	--
1951	09/03/51	2.27	(80)	2	.89	(2.92)	2
1952	03/28/52	.71	(25)	--	.75	(2.47)	2
1953	01/12/53	.51	(18)	--	.81	(2.65)	2
1954	05/26/54	.60	(21)	--	1.08	(3.54)	2
1955	06/27/55	.45	(16)	--	1.09	(3.57)	2
1956	08/11/56	.68	(24)	--	1.26	(4.14)	2
1957	06/27/57	.99	(35)	--	1.38	(4.52)	2
1958	06/19/58	.79	(28)	--	1.31	(4.30)	2
1959	03/27/59	.96	(34)	2	1.46	(4.78)	1
1960	03/09/60	.71	(25)	2, 9	--	--	--
1961	06/06/61	.68	(24)	--	1.26	(4.12)	2
1962	06/07/62	1.22	(43)	--	1.33	(4.35)	2
1963	09/20/63	.50	(21)	--	1.16	(3.80)	2
1964	01/20/64	.62	(22)	--	1.40	(4.60)	1
1965	08/24/65	1.59	(56)	--	1.40	(4.60)	--
1966	10/18/65	.57	(20)	--	1.14	(3.75)	2
1967	06/21/67	1.64	(58)	--	1.43	(4.68)	2
1968	08/29/68	.48	(17)	--	1.10	(3.60)	2
1969	05/07/69	1.59	(56)	--	1.41	(4.64)	2
1970	06/11/70	.60	(21)	--	1.15	(3.77)	2
1971	02/20/71	.85	(30)	2	1.38	(4.52)	2
1972	05/12/72	.51	(18)	--	1.14	(3.75)	2
1973	01/29/73	.99	(35)	2	1.49	(4.89)	1
1974	12/20/73	.71	(25)	2	1.54	(5.06)	2
1975	05/29/75	.42	(15)	--	1.45	(4.76)	--

06823500 BUFFALO CREEK NEAR HAIGLER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	01/03/76	0.57	(20)	2	1.81	(5.93)	1
1977	04/19/77	.68	(24)	--	1.59	(5.22)	2
1978	06/05/78	.45	(16)	--	1.48	(4.84)	2
1979	03/04/79	.48	(17)	--	1.49	(4.90)	--
1980	03/31/80	.82	(29)	--	1.69	(5.53)	--
1981	05/26/81	.82	(29)	--	1.07	(3.51)	2
1982	06/26/82	.48	(17)	--	0.91	(2.98)	2
1983	04/14/83	.42	(15)	--	.94	(3.10)	2
1984	04/06/84	.99	(35)	--	.98	(3.22)	2
1985	02/17/85	.51	(18)	--	.83	(2.71)	2
1986	10/01/85	.40	(14)	--	.94	(3.07)	2
1987	06/30/87	1.02	(36)	--	1.39	(4.56)	2
1988	05/03/88	.79	(28)	--	1.33	(4.36)	2
1989	06/11/89	.31	(11)	--	1.31	(4.30)	2
1990	03/06/90	.28	(10)	--	1.13	(3.72)	2
1991	06/06/91	.37	(13)	--	1.10	(3.60)	2
1992	08/25/92	.34	(12)	--	1.05	(3.43)	2
1993	08/07/93	.65	(23)	--	1.34	(4.39)	--

06824000 ROCK CREEK AT PARKS, NE

LOCATION.--Lat. 40°02'30", long 101°43'40", in SW1/4 NE1/4 sec.21, T.1 N., R.39 W., Dundy County, Hydrologic Unit 10250002, on right bank at west edge of Parks, 30 m (100 ft) downstream from county road bridge and 1.0 km (0.6 mi) upstream from mouth.

DRAINAGE AREA.--61.1 km² (23.6 mi²), approximately, of which about 51.8 km² (20 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 942.85 m (3,093.35 ft) above sea level.

REMARKS.--One diversion about 3.2 km (2 mi) above station for irrigation of 0.87 km² (215 acres); flow regulated at times by reservoir at State fish hatchery 11 km (7 mi) upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14.0 m³/s (493 ft³/s) July 5, 1965, gage height, 1.83 m (6.00 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1941	06/08/41	2.55	(90)	6	1.11	(3.63)	--
1942	01/14/42	0.76	(27)	1, 6	0.80	(2.63)	2
1943	12/03/42	1.25	(44)	6	.78	(2.56)	--
1944	07/12/44	2.49	(88)	6	1.12	(3.67)	--
1945	09/27/45	1.50	(53)	6	.96	(3.14)	--
1946	05/24/46	2.18	(77)	6	1.05	(3.46)	--
1947	07/22/47	.68	(24)	6	.45	(1.46)	2
1948	05/23/48	1.53	(54)	6	.87	(2.84)	--
1949	06/08/49	1.16	(41)	6	.72	(2.36)	2
1950	07/29/50	1.59	(56)	6	.93	(3.04)	--
1951	09/03/51	2.69	(95)	6	1.16	(3.80)	--
1952	05/20/52	.82	(29)	6	.55	(1.81)	2
1953	02/27/53	.54	(19)	1, 6	.47	(1.53)	2
1954	12/14/53	.60	(21)	6	--	--	2
1955	08/11/55	.71	(25)	6	.84	(2.74)	2
1956	08/11/56	.94	(33)	6	.76	(2.48)	2
1957	05/31/57	1.44	(51)	6	.92	(3.01)	2
1958	06/19/58	1.05	(37)	6	.76	(2.50)	--
1959	07/29/59	1.05	(37)	6	.72	(2.36)	2
1960	03/18/60	.85	(30)	6	.63	(2.06)	2
1961	04/11/61	.71	(25)	6	.77	(2.52)	2
1962	07/01/62	3.12	(110)	6	1.39	(4.57)	--
1963	09/20/63	.65	(23)	6	.59	(1.93)	2
1964	07/09/64	.68	(24)	6	.66	(2.17)	2
1965	07/05/65	14.0	(493)	6	1.83	(6.00)	--
1966	06/08/66	3.57	(126)	6	1.09	(3.57)	2
1967	06/21/67	2.86	(101)	6	1.00	(3.28)	--
1968	06/15/68	1.5.0	(53)	6	.88	(2.90)	2
1969	08/04/69	3.68	(130)	6	1.10	(3.61)	--
1970	06/19/70	1.30	(46)	6	.71	(2.33)	2
1971	11/17/70	1.25	(44)	6	.66	(2.15)	2
1972	07/06/72	1.16	(41)	6	.71	(2.32)	2
1973	11/03/72	1.08	(38)	6	.64	(2.09)	2
1974	06/09/74	1.05	(37)	6	.66	(2.17)	2
1975	01/22/75	.68	(24)	6	.60	(1.97)	2

06824000 ROCK CREEK AT PARKS, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	11/20/75	0.71	(25)	2, 6	1.02	(3.34)	1
1977	06/13/77	1.81	(64)	6	0.94	(3.09)	1
1978	06/05/78	1.95	(69)	6	1.19	(3.89)	--
1979	08/01/79	3.54	(125)	6	1.09	(3.56)	--
1980	03/30/80	.62	(22)	6	.59	(1.95)	--
1981	04/19/81	1.05	(37)	6	.80	(2.64)	--
1982	06/02/82	1.33	(47)	6	.82	(2.68)	2
1983	04/12/83	.68	(24)	6	.68	(2.24)	2
1984	04/21/84	.82	(29)	6	.66	(2.18)	2
1985	09/04/85	1.10	(39)	6	.68	(2.24)	2
1986	07/10/86	.48	(17)	6	.59	(1.94)	2
1987	05/05/87	.96	(34)	6	.68	(2.24)	2
1988	05/03/88	1.16	(41)	6	.77	(2.53)	2
1989	06/10/89	.51	(18)	6	.52	(1.69)	2
1990	05/30/90	.91	(32)	6	.82	(2.70)	--
1991	06/07/91	4.93	(174)	6	1.22	(4.00)	--
1992	06/27/92	.60	(21)	6	.52	(1.71)	--
1993	05/06/93	.85	(30)	6	.63	(2.08)	2

06824500 REPUBLICAN RIVER AT BENKELMAN, NE

LOCATION.--Lat. 40°01'55", long 101°32'30", in SE1/4 SW1/4 sec.19, T.1 N., R.37 W., Dundy County, Hydrologic Unit 10250002, on left bank at downstream side of bridge on U.S. Highway 34, 1.0 km (0.6 mi) south of Burlington Northern Inc., track, 1.6 km (1 mi) southwest of Benkelman, 3.2 km (2 mi) upstream from South Fork Republican River, 18 km (11 mi) downstream from Rock Creek, and at kilometer 660 (mile 410).

DRAINAGE AREA.--12,500 km² (4,830 mi²), approximately, of which about 3,190 km² (1,230 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1895, 1902-06 (published as North Fork Republican River at Benkelman), 1947 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 906.88 m (2,975.34 ft) above sea level. Prior to Dec. 17, 1946, non-recording gages at several sites within 2.4 km (1.5 mi) of present site at various datums; Dec. 17, 1946, to May 26, 1972, water stage recorder at present site and datum and May 27, 1972, to Aug. 11, 1978, at site 47 m (150 ft) downstream at same datum.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 1,420 m³/s (50,000 ft³/s) May 31, 1935, gage height, 3.99 m (13.10 ft), maximum stage since at least 1826, from elevationa furnished by the State Highway Department.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 171 m³/s (6,040 ft³/s) Sept. 7, 1951, gage height, 2.31 m (7.58 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1895	07/01/95	45.3	(1600)	2	--	--	--
1903	07/11/03	26.9	(950)	2	--	--	--
1904	06/24/04	6.43	(227)	1	--	--	--
1905	04/24/05	9.29	(328)	1	--	--	--
1906	04/27/06	11.3	(398)	1	--	--	--
1935	05/31/35	1420	(50000)	2, 7	3.99	(13.10)	--
1947	04/28/47	131	(4620)	--	2.07	(6.80)	--
1948	06/15/48	156	(5500)	5	2.27	(7.44)	--
1949	05/21/49	33.7	(1190)	5	1.44	(4.73)	2
1950	08/09/50	110	(3900)	5	2.38	(7.80)	--
1951	09/07/51	171	(6040)	5	2.31	(7.58)	--
1952	05/08/52	35.4	(1250)	5	1.54	(5.04)	2
1953	01/21/53	9.63	(340)	2, 5	1.54	(5.05)	1
1954	08/18/54	10.6	(373)	5	1.32	(4.34)	2
1955	06/15/55	149	(5250)	5	1.92	(6.30)	--
1956	08/17/56	112	(3970)	5	1.89	(6.21)	--
1957	05/31/57	94.6	(3340)	5	1.74	(5.71)	--
1958	08/16/58	119	(4190)	5	1.87	(6.15)	--
1959	03/26/59	14.7	(520)	5	1.25	(4.10)	2
1960	03/24/60	139	(4910)	5	1.81	(5.94)	--

06824500 REPUBLICAN RIVER AT BENKELMAN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Haeight</i> <i>Code</i>
1961	08/13/61	40.8 (1440)	5	1.47 (4.82)	--
1962	07/31/62	158 (5570)	5	2.01 (6.61)	--
1963	09/21/63	53.8 (1900)	5	1.56 (5.11)	--
1964	06/14/64	53.2 (1880)	5	1.55 (5.10)	--
1965	07/25/65	109 (3860)	5	1.78 (5.83)	--
1966	07/29/66	56.9 (2010)	5	1.47 (4.82)	--
1967	06/11/67	36.2 (1280)	5	1.36 (4.46)	--
1968	08/28/68	47.3 (1670)	5	1.43 (4.69)	--
1969	08/04/69	65.1 (2300)	5	1.52 (4.99)	--
1970	11/15/69	4.90 (173)	5	0.99 (3.26)	2
1971	04/19/71	23.3 (824)	5	1.23 (4.02)	2
1972	06/17/72	48.1 (1700)	5	1.43 (4.69)	--
1973	07/20/73	33.1 (1170)	5	1.31 (4.30)	--
1974	06/09/74	13.9 (490)	5	1.12 (3.66)	2
1975	05/29/75	45.0 (1590)	5	1.38 (4.52)	--
1976	03/08/76	4.36 (154)	5	.91 (2.98)	2
1977	04/20/77	81.6 (2880)	5	1.57 (5.16)	--
1978	06/05/78	16.7 (590)	5	1.15 (3.76)	2
1979	07/03/79	34.3 (1210)	5	1.44 (4.71)	--
1980	06/20/80	52.4 (1850)	5	1.45 (4.75)	--
1981	05/28/81	41.1 (1450)	5	1.41 (4.64)	2
1982	07/01/82	95.4 (3370)	5	1.71 (5.61)	--
1983	06/05/83	79.6 (2810)	5	1.62 (5.32)	--
1984	04/21/84	9.91 (350)	5	1.30 (4.28)	2
1985	08/01/85	11.7 (412)	5	1.35 (4.42)	2
1986	07/10/86	20.1 (710)	5	1.54 (5.04)	--
1987	05/05/87	7.19 (254)	5	1.26 (4.15)	2
1988	05/03/88	9.97 (352)	5	1.35 (4.42)	2
1989	06/10/89	6.20 (219)	5	1.23 (4.04)	2
1990	05/31/90	5.15 (182)	5	1.20 (3.94)	2
1991	07/25/91	11.0 (390)	5	1.51 (4.95)	--
1992	06/27/92	26.2 (926)	5	1.91 (6.25)	--
1993	08/07/93	8.50 (300)	5	1.39 (4.56)	2

06827500 SOUTH FORK REPUBLICAN RIVER NEAR BENKELMAN, NE

LOCATION.--Lat. 40°00'34", long 101°32'32", in NE1/4 SW1/4 sec.31, T.1 N., R.37 W., Dundy County, Hydrologic Unit 10250003, on right bank 61 m (200 ft) downstream from bridge on State Highway 61, 1.6 km (1 mi) downstream from Kansas-Nebraska State line, 4.0 km (2.5 mi) southwest of Benkelman, and 5.5 km (3.4 mi) upstream from mouth.

DRAINAGE AREA.--6,812 km² (2,630 mi²), approximately, of which about 5,439 km² (2,100 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1903-06, 1931-32, 1938 to current year. Published as South Fork Republican River at Benkelman prior to 1906 and as Republican River at Benkelman 1931-32. Monthly discharge for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 911.63 m (2,990.91 ft) above sea level. Prior to Dec. 10, 1947, non-recording gages at several sites within 5.6 km (3.5 mi) of present site at various datums. Dec. 10, 1947, to Sept. 28, 1966, water-stage recorder 52 m (170 ft) upstream at datum 0.61 m (2.00 ft) higher and Sept. 29, 1966, to Mar. 7, 1968, at site 91 m (300 ft) upstream at datum 0.61 m (2.00 ft) higher. Mar. 8, 1968, to May 29, 1991, at site 91 m (300 ft) upstream at same datum.

REMARKS.--Natural flow affected by irrigation development above station, and since July 6, 1950, by storage in Bonny Reservoir.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1923, 4,250 m³/s (150,000 ft³/s) May 31, 1935, by slope measurement,, gage height, 3.08 m (10.1 ft), from floodmark at site 0.42 km (0.26 mi) downstream, at datum 0.61 (2.00 ft) higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 555 m³/s (19,600 ft³/s) Aug. 16, 1958.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1903	08/02/03	2.24 (79)	1	-- --	--
1904	06/19/04	11.2 (397)	1	-- --	--
1905	04/25/05	8.50 (300)	1	-- --	--
1906	04/27/06	8.98 (317)	1	-- --	--
1931	06/05/31	18.9 (667)	--	-- --	--
1932	05/26/32	21.2 (750)	--	-- --	--
1935	05/31/35	4250 (150000)	7	-- --	--
1938	09/01/38	76.2 (2690)	--	-- --	--
1939	06/24/39	66.8 (2360)	--	-- --	--
1940	09/04/40	102 (3610)	--	-- --	--
1941	07/12/41	371 (13100)	--	-- --	--
1942	08/03/42	224 (7920)	--	-- --	--
1943	01/23/43	7.90 (279)	--	-- --	--
1944	07/12/44	272 (9590)	--	-- --	--
1945	06/24/45	396 (14000)	2	-- --	--
1946	07/19/46	252 (8900)	--	-- --	--
1947	07/22/47	131 (4630)	--	-- --	--
1948	06/14/48	264 (9330)	2	-- --	--
1949	08/31/49	97.1 (3430)	--	-- --	--
1950	08/02/50	110 (3880)	6	-- --	--
1951	08/10/51	281 (9910)	6	-- --	--
1952	05/08/52	118 (4150)	6	-- --	--
1953	08/20/53	5.21 (184)	6	-- --	--
1954	06/13/54	188 (6640)	6	-- --	--
1955	05/25/55	203 (7170)	6	-- --	--

06827500 SOUTH FORK REPUBLICAN RIVER NEAR BENKELMAN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1956	08/11/56	179 (6310)	6	-- --	--
1957	07/21/57	173 (6110)	6	-- --	2
1958	08/16/58	555 (19600)	6	-- --	--
1959	06/25/59	9.18 (324)	6	-- --	2
1960	03/19/60	57.2 (2020)	6	-- --	--
1961	07/09/61	98.3 (3470)	6	-- --	--
1962	07/31/62	140 (4930)	6	-- --	--
1963	09/08/63	57.5 (2030)	6	-- --	--
1964	06/14/64	70.5 (2490)	6	-- --	--
1965	08/20/65	89.8 (3170)	6	-- --	--
1966	07/18/66	99.4 (3510)	6	-- --	--
1967	07/08/67	86.1 (3040)	6	1.80 (5.89)	--
1968	08/29/68	13.9 (490)	6	1.32 (4.34)	--
1969	08/23/69	16.4 (580)	6	1.37 (4.49)	2
1970	07/13/70	5.49 (194)	6	1.21 (3.97)	2
1971	04/19/71	37.7 (1330)	6	1.62 (5.30)	--
1972	06/17/72	133 (4700)	6	2.08 (6.82)	--
1973	07/25/73	165 (5820)	6	2.18 (7.15)	--
1974	06/09/74	7.36 (260)	6	1.24 (4.07)	2
1975	06/21/75	168 (5930)	6	2.19 (7.17)	--
1976	02/23/76	5.13 (181)	6	1.12 (3.68)	2
1977	08/26/77	14.6 (516)	6	1.34 (4.39)	--
1978	06/05/78	37.4 (1320)	6	1.81 (5.93)	--
1979	07/03/79	151 (5330)	6	2.20 (7.23)	--
1980	09/01/80	21.8 (770)	6	1.46 (4.80)	--
1981	05/28/81	106 (3740)	6	1.98 (6.48)	--
1982	06/27/82	27.2 (960)	6	1.52 (5.00)	--
1983	06/05/83	4.98 (176)	6	1.13 (3.70)	2
1984	05/03/84	7.59 (268)	6	1.14 (3.73)	--
1985	08/01/85	22.6 (799)	6	1.51 (4.96)	--
1986	08/09/86	26.9 (949)	6	1.62 (5.30)	--
1987	05/05/87	3.94 (139)	6	0.92 (3.02)	--
1988	05/03/88	3.54 (125)	6	.98 (3.20)	2
1989	07/14/89	8.35 (295)	6	1.20 (3.93)	--
1990	06/07/90	1.27 (45)	6	.90 (2.94)	2
1991	06/07/91	7.76 (274)	6	1.13 (3.70)	2
1992	08/13/92	53.8 (1900)	6	1.98 (6.51)	--
1993	07/26/93	4.70 (166)	6	.98 (3.20)	2

06828000 REPUBLICAN RIVER AT MAX, NE

LOCATION.--Lat. 40°06'10", long 101°23'50", in NE1/4 sec.32, T.2 N., R.36 W., Dundy County, Hydrologic Unit 10250004, at county highway bridge, 1.2 km (0.75 mi) south of Max.

DRAINAGE AREA.--19,600 km² (7,580 mi²), of which 11,500 km² (4,450 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1929 to 1946 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 877.01 m (2,877.32 ft) above sea level. Enameled plate 1928-35. Staff gage, 1936-38. Water-stage recorder 1939-45.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,380 m³/s (190,000 ft³/s) May 31, 1935, gage height, 4.21 m (13.80 ft). This stage is the highest since 1826.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1929	06/07/29	32.9	(1160)	--	1.40	(4.60)	--
1930	06/04/30	51.3	(1810)	--	1.49	(4.90)	--
1931	06/13/31	22.7	(803)	--	1.26	(4.14)	--
1932	08/01/32	51.3	(1810)	--	1.48	(4.86)	--
1933	08/29/33	159	(5620)	--	2.19	(7.20)	--
1934	06/15/34	112	(3970)	--	1.92	(6.30)	--
1935	05/31/35	5380	(190000)	--	4.21	(13.80)	--
1937	05/11/37	303	(10700)	--	1.86	(6.10)	--
1938	05/31/38	119	(4200)	--	1.58	(5.20)	--
1939	06/24/39	264	(9330)	--	--	--	--
1940	09/04/40	227	(8000)	2	--	--	--
1941	07/12/41	340	(12000)	--	--	--	--
1942	08/04/42	193	(6810)	--	1.56	(5.13)	--
1943	12/13/42	35.1	(1240)	--	--	--	1
1944	07/13/44	292	(10300)	--	--	--	--
1945	06/24/45	694	(24500)	--	--	--	--
1946	07/19/46	244	(8600)	--	1.86	(6.10)	--

06828100 NORTH BRANCH INDIAN CREEK NEAR MAX, NE

LOCATION.--Lat. 40°09'52", long 100°23'51", in SW1/4 SW1/4 sec.4, T.2 N., R.36 W., Dundy County, Hydrolic Unit 10250004, on right bank at downstream side of concrete culvert, 2.9 km (1.8 mi) above mouth and 5.6 km (3.5 mi) north of Max.

DRAINAGE AREA.--12.3 km² (4.76 mi²).

PERIOD OF RECORD.--1970 to 1978 (discontinued).

GAGE.--College Park crest-stage gage. Lowest recording stage is 3.35 m (11.0 ft). The original gage was fastened to downstream end of right abutment of the county timber bridge. In the spring of 1974, the crest-stage gage and the timber bridge were removed. A 40'x14'x12' (12.2 x 4.3 x 3.7 m) concrete culvert was constructed. A new crest-stage gage was installed on Feb. 28, 1975. Prior to Feb. 28, 1975, lowest recording stage was 3.05 m (10.02 ft). On Aug. 7, 1962, a slope-area survey was made for the flood peak which occurred on July 31, 1962. This survey was made about 0.8 km (0.5 mi) downstream from the county bridge. This flood overtopped the bridge floor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 365 m³/s (12,900 ft³/s) July 31, 1962, gage height, 6.64 m (21.80 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 46.4 m³/s (1,640 ft³/s) June 18, 1972, gage height, 4.77 m (15.65 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1962	07/31/62	365 (12900)	7	6.64 (21.80)	--
1970	06/19/70	10.1 (355)	--	3.76 (12.34)	--
1971	/ /71	≤0.01 (≤.5)	--	-- --	--
1972	06/18/72	46.4 (1640)	--	4.77 (15.65)	--
1973	07/20/73	14.7 (520)	--	3.97 (13.03)	--
1974	06/09/74	8.5 (300)	--	3.67 (12.03)	--
1975	/ /75	≤0.01 (≤.5)	--	-- --	--
1976	05/21/76	4.53 (160)	--	3.38 (11.10)	--
1977	06/03/77	7.08 (250)	--	3.58 (11.75)	--
1978	03/11/78	8.21 (290)	--	3.64 (11.95)	--

06828500 REPUBLICAN RIVER AT STRATTON, NE

LOCATION.--Lat. 40°08'28", long 101°13'42", in SW1/4 NW1/4 sec.13, T.2 N., R.35 W., Hitchcock County, Hydrologic Unit 10250004, on right bank at downstream side of county bridge, 0.8 km (0.5 mi) south of Stratton, 0.3 km (0.2 mi) downstream from Muddy Creek, 3 m (10 mi) upstream from Trenton Dam, 31 km (19 mi) downstream from South Fork Republican River, and at kilometer 623 (mile 387).

DRAINAGE AREA.--21,238 km² (8,200 mi²), approximately, of which about 9,557 km² (3,690 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1950 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 845.97 m (2,775.49 ft) above sea level. Prior to Aug. 1, 1967, at site 0.5 km (0.3 mi) downstream at present datum.

REMARKS.--Natural flow affected by irrigation development above station and by storage in Bonny Reservoir (station 06826000).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1826 5,660 m³/s (200,000 ft³/s) May 31, 1935; based on slope-area measurement at Max.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 759 m³/s (26,800 ft³/s) July 31, 1962.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1935	05/31/35	5660 (200000)	2, 7	-- --	--
1950	08/03/50	300 (10600)	6	-- --	--
1951	09/04/51	535 (18900)	6	-- --	--
1952	05/08/52	86.4 (3050)	6	-- --	--
1953	03/03/53	10.1 (356)	6	-- --	2
1954	06/13/54	28.3 (1000)	6	-- --	2
1955	06/19/55	161 (5680)	6	-- --	2
1956	08/17/56	143 (5060)	6	-- --	--
1957	07/07/57	226 (7970)	6	-- --	--
1958	08/16/58	394 (13900)	6	-- --	--
1959	05/20/59	25.3 (894)	6	-- --	2
1960	03/24/60	122 (4320)	6	-- --	2
1961	08/13/61	51.5 (1820)	6	-- --	--
1962	07/31/62	759 (26800)	6	-- --	--
1963	09/08/63	131 (4620)	6	-- --	--
1964	06/14/64	54.4 (1920)	6	-- --	2
1965	08/21/65	170 (6000)	6	-- --	2
1966	07/19/66	127 (4480)	6	-- --	--
1967	07/08/67	178 (6300)	6	-- --	--
1968	08/28/68	37.9 (1340)	6	2.34 (7.68)	2
1969	05/21/69	163 (5740)	6	2.94 (9.64)	--
1970	06/19/70	100 (3540)	6	2.71 (8.90)	--
1971	04/19/71	45.6 (1610)	6	2.40 (7.88)	--
1972	06/17/72	64 (2260)	6	2.53 (8.30)	--
1973	07/20/73	83.3 (2940)	6	2.62 (8.58)	--
1974	06/09/74	36.8 (1300)	6	2.37 (7.78)	--
1975	06/21/75	100 (3540)	6	2.64 (8.66)	--

06828500 REPUBLICAN RIVER AT STRATTON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	06/23/76	35.1	(1240)	6	2.36	(7.74)	--
1977	04/20/77	68.3	(2410)	6	2.56	(8.39)	--
1978	06/06/78	56.9	(2010)	6	2.47	(8.12)	--
1979	07/04/79	175	(6190)	6	2.98	(9.78)	--
1980	04/07/80	24.2	(855)	6	2.35	(7.71)	2
1981	05/28/81	96.3	(3400)	6	2.69	(8.84)	2
1982	05/31/82	58.6	(2070)	6	2.51	(8.23)	--
1983	06/05/83	30.6	(1080)	6	2.37	(7.77)	--
1984	05/06/84	24.7	(873)	6	0.52	(1.71)	--
1985	09/13/85	54.4	(1920)	6	2.48	(8.14)	--
1986	06/09/86	59.5	(2100)	6	2.52	(8.27)	--
1987	06/09/87	99.7	(3520)	6	2.79	(9.14)	--
1988	05/03/88	24.1	(850)	6	2.38	(7.82)	2
1989	06/28/89	93.2	(3290)	6	2.76	(9.06)	--
1990	05/27/90	37.7	(1330)	6	2.49	(8.17)	--
1991	06/09/91	24.1	(850)	6	2.38	(7.82)	--
1992	08/13/92	47.9	(1690)	6	2.55	(8.38)	2
1993	07/25/93	14.8	(523)	6	2.28	(7.49)	--

06829500 REPUBLICAN RIVER AT TRENTON, NE

LOCATION.--Lat. 40°10'00", long 101°02'40", in SE1/4 sec.4, T.2 N., R.33 W., Hitchcock County, Hydrologic Unit 10250004, on left bank 91 m (300 ft) upstream from Elm Creek, 1.4 km (0.9 mi) downstream from centerline of spillway of Trenton Dam, 2.4 km (1.5 mi) southwest of Trenton, and at kilometer 605 (mile 376).

DRAINAGE AREA.--22,300 km² (8,620 mi²), approximately, of which about 10,200 km² (3,940 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 814.14 m (2,671.06 ft) above sea level. See WSP 2119 for history of changes prior to Oct. 1, 1959.

REMARKS.--Natural flow affected by irrigation development above station, since July 6, 1950, and by storage in Bonny Reservoir (station 06826000), since 1953 by storage in Swanson Lake (station 06829000), and since June 1957 by Meeker-Driftwood Canal which diverts directly from Swanson Lake for irrigation of about 66.4 km² (16,400 acres).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1826, 5,660 m³/s (200,000 ft³/s) May 31, 1935; stage not determined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 598 m³/s (21,100 ft³/s) July 3, 1946., gage height, 1.8 m (6.0 ft), former site and datum.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1935	05/31/35	5660 (200000)	2, 7	-- --	--
1946	07/03/46	598 (21100)	5	-- --	--
1947	06/06/47	289 (10200)	5	-- --	--
1948	06/16/48	476 (16800)	5	-- --	--
1949	08/31/49	169 (5960)	5	-- --	2
1950	08/03/50	329 (11600)	6	-- --	--
1951	09/04/51	430 (15200)	6	-- --	--
1952	05/08/52	51.0 (1800)	6	-- --	--
1953	03/04/53	12.2 (430)	6	-- --	2
1954	12/22/53	19.8 (700)	2, 6	-- --	1
1955	08/09/55	14.0 (493)	6	3.48 (11.43)	2
1956	06/07/56	10.2 (360)	6	3.25 (10.67)	--
1957	05/24/57	113 (4000)	6	4.11 (13.50)	2
1958	06/10/58	12.9 (457)	6	2.55 (8.37)	2
1959	04/05/59	13.3 (468)	6	2.35 (7.70)	--
1960	05/05/60	32.0 (1130)	1, 6	2.82 (9.25)	1
1961	05/23/61	20.2 (715)	6	2.50 (8.20)	--
1962	06/14/62	60.0 (2120)	6	2.99 (9.82)	--
1963	03/22/63	58.9 (2080)	1, 6	2.80 (9.20)	--
1964	04/26/64	16.4 (580)	1, 6	2.07 (6.80)	--
1965	07/13/65	71.6 (2530)	6	2.87 (9.43)	--
1966	08/29/66	32.0 (1130)	1, 6	2.20 (7.22)	--
1967	07/26/67	13.4 (474)	1, 6	1.73 (5.66)	--
1968	04/11/68	16.1 (570)	6	1.76 (5.78)	--
1969	05/25/69	32.6 (1150)	6	2.07 (6.80)	--
1970	02/24/70	8.95 (316)	6	1.55 (5.08)	2

06829500 REPUBLICAN RIVER AT TRENTON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1971	08/11/71	4.25	(150)	6	1.34	(4.41)	2
1972	08/02/72	5.89	(208)	6	1.44	(4.71)	--
1973	05/03/73	10.3	(364)	6	1.59	(5.22)	--
1974	08/22/74	8.41	(297)	6	1.41	(4.62)	--
1975	07/22/75	6.46	(228)	6	1.34	(4.40)	2
1976	08/27/76	10.6	(374)	6	1.36	(4.47)	-
1977	06/29/77	7.73	(273)	6	1.43	(4.70)	--
1978	06/26/78	5.55	(196)	6	1.44	(4.71)	--
1979	07/13/79	5.66	(200)	6	1.52	(4.98)	2
1980	06/26/80	4.36	(154)	6	1.42	(4.67)	--
1981	09/18/81	28.9	(1020)	6	2.30	(7.56)	2
1982	08/14/82	9.88	(349)	6	1.62	(5.33)	2
1983	05/13/83	9.29	(328)	6	1.69	(5.55)	--
1984	05/14/84	9.43	(333)	6	1.53	(5.03)	--
1985	06/17/85	6.15	(217)	6	1.37	(4.50)	--
1986	06/16/86	6.60	(233)	6	1.29	(4.22)	--
1987	08/03/87	4.33	(153)	6	1.12	(3.68)	--
1988	06/17/88	5.18	(183)	6	1.36	(4.45)	--
1989	07/13/89	8.10	(286)	6	1.56	(5.11)	--
1990	07/17/90	7.33	(259)	6	1.45	(4.77)	--
1991	06/25/91	5.66	(200)	6	1.42	(4.67)	--
1992	07/01/92	5.66	(200)	6	1.30	(4.27)	--
1993	07/03/93	5.30	(187)	6	1.35	(4.42)	--

06829700 THOMPSON CANYON NEAR TRENTON, NE

LOCATION.--Lat. 40°09'44", long 100°57'31", in SE1/4 SW1/4 sec.5, T.2 N., R.32 W., Hitchcock County, on downstream piling of county road bridge, 0.8 km (0.5 mi) south and 4.5 km (2.8 mi) east of Trenton, and 2.4 km (1.5 mi) upstream from mouth.

DRAINAGE AREA.--23.5 km² (9.06 mi²), from topographic maps.

PERIOD OF RECORD.--1966 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 813.82 m (2670 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 51.0 m³/s (1,800 ft³/s) May 20, 1977, gage height, 3.87 m (12.70 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1966	07/18/66	3.74 (132)	--	2.13 (6.98)	--
1967	09/19/67	3.40 (120)	--	2.07 (6.80)	--
1968	08/28/68	34.8 (1230)	--	3.55 (11.64)	--
1969	05/07/69	8.27 (292)	--	2.52 (8.28)	--
1970	/ /70	≤0.01 (≤.5)	--	-- --	--
1971	06/09/71	5.86 (207)	--	2.33 (7.65)	--
1972	08/02/72	32.3 (1140)	--	3.46 (11.35)	--
1973	05/22/73	1.81 (64)	--	1.79 (5.87)	--
1974	06/08/74	6.34 (224)	--	2.37 (7.78)	--
1975	06/21/75	10.5 (370)	--	2.67 (8.75)	--
1976	07/03/76	11.0 (390)	--	2.69 (8.83)	--
1977	05/20/77	51.0 (1800)	--	3.87 (12.70)	--
1978	07/20/78	6.8 (240)	--	2.41 (7.90)	--

06830000 REPUBLICAN RIVER AT CULBERTSON, NE

LOCATION.--Lat. 40°13'15", long 100°50'15", in SE1/4 SE1/4 sec.17, T.3 N., R.31 W., Hitchcock County, Hydrologic Unit 10250005, on downstream side of bridge on State Highway 17, 1.21 km (0.75 mi) south of Culbertson and 1.8 km (1.1 mi) upstream from Frenchman Creek.

DRAINAGE AREA.--21,900 km² (8,450 mi²), of which about 12,950 km² (5,000 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1931 to 1950 (discontinued) .

GAGE.--Water-stage recorder. Datum of gage is 780.88 m (2,561.93 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 156 m³/s (5,500 ft³/s) June 17, 1915.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,660 m³/s (200,000 ft³/s) May 31, 1935, gage height, 3.48 m (11.40 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1915	06/17/15	156	(5500)	1, 7	--	--	--
1931	04/02/31	13.9	(490)	5	--	--	--
1932	06/19/32	323	(11400)	5	--	--	--
1933	08/28/33	980	(34600)	5	--	--	--
1934	06/15/34	57.5	(2030)	5	--	--	--
1935	05/31/35	5660	(200000)	2, 5	3.48	(11.40)	--
1936	05/30/36	2270	(80000)	2, 5	2.87	(9.40)	--
1937	06/01/37	725	(25600)	5	2.15	(7.07)	--
1938	05/31/38	303	(10700)	5	1.71	(5.60)	--
1939	06/20/39	946	(33400)	5	2.41	(7.90)	--
1940	09/04/40	140	(4930)	5	1.40	(4.60)	--
1941	07/13/41	549	(19400)	5	2.29	(7.50)	--
1942	09/03/42	228	(8060)	5	1.49	(4.90)	2
1943	06/10/43	85.2	(3010)	5	1.28	(4.20)	--
1944	07/13/44	408	(14400)	5	1.88	(6.18)	--
1945	06/24/45	249	(8780)	5	1.54	(5.04)	--
1946	07/03/46	833	(29400)	5	2.13	(6.98)	--
1947	06/06/47	368	(13000)	5	1.66	(5.46)	--
1948	06/16/48	473	(16700)	5	1.74	(5.72)	--
1949	08/18/49	242	(8530)	5	1.54	(5.05)	--
1950	08/09/50	340	(12000)	6	1.66	(5.46)	--

06830500 FRENCHMAN CREEK NEAR CHAMPION, NE

LOCATION.--Lat. 40°29', long 101°48', in sec.19, T.6 N., R.39 W., Chase County, Hydrologic Unit 10250005, on left bank 91 m (300 ft) downstream from county road bridge and 4.0 km (2.5 mi) west of Champion.

DRAINAGE AREA.--2,360 km² (910 mi²), approximately, of which about 1,420 km² (550 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1933 to 1940 (discontinued).

GAGE.--Water-stage recorder.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24.4 m³/s (863 ft³/s) May 30, 1938, gage height, 1.80 m (5.91 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1933	07/09/33	2.01 (71)	--	0.71 (2.34)	--
1934	06/17/34	24.0 (849)	--	1.78 (5.85)	--
1935	05/28/35	11.2 (397)	--	1.17 (3.85)	--
1936	08/20/36	2.63 (93)	--	.69 (2.28)	--
1937	05/11/37	4.76 (168)	--	.81 (2.66)	--
1938	05/30/38	24.4 (863)	--	1.80 (5.91)	--
1939	06/25/39	3.12 (110)	--	.75 (2.47)	--
1940	06/06/40	-- --	--	2.97 (9.75)	--

06831000 FRENCHMAN CREEK BELOW CHAMPION, NE

LOCATION.--Lat. 40°28'00", long 101°43'10", in SW1/4 sec.22, T.6 N., R.39 W., Chase County, Hydrologic Unit 10250005, on left bank, 0.6 km (0.4 mi) downstream from bridge on State Highway 48 at Champion, and 1.21 km (0.75 mi) upstream from Sand Creek.

DRAINAGE AREA.--1,340 km² (519 mi²), approximately, of which about 1,090 km² (421 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1935 to 1956 (discontinued).

GAGE.--Water-stage recorder. Altitude of gage is 988 m (3,240 ft) above sea level (from topographic map for Harvey Reservoir in Report on Survey for Flood Control Republican River. by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80.7 m³/s (2,850 ft³/s) June 7, 1940, gage height, 4.18 m (13.70 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1935	05/28/35	25.1	(888)	5	2.03	(6.67)	--
1936	04/19/36	7.73	(273)	5	1.05	(3.46)	--
1937	05/10/37	14.3	(504)	5	1.55	(5.10)	--
1938	05/30/38	30.0	(1060)	5	2.20	(7.23)	--
1939	06/24/39	14.7	(520)	5	1.57	(5.16)	--
1940	06/07/40	80.7	(2850)	5	4.18	(13.70)	--
1941	06/05/41	3.99	(141)	5	0.76	(2.50)	--
1942	09/01/42	7.31	(258)	5	.95	(3.12)	--
1943	06/14/43	37.9	(1340)	5	2.56	(8.40)	--
1944	01/26/44	8.72	(308)	5	1.08	(3.55)	--
1945	09/28/45	21.8	(769)	5	1.76	(5.77)	--
1946	09/11/46	18.5	(653)	5	1.59	(5.22)	--
1947	06/24/47	18.4	(651)	5	1.60	(5.24)	--
1948	03/17/48	2.80	(99)	5	.63	(2.08)	--
1949	12/01/48	4.50	(159)	5	.78	(2.56)	2
1950	12/09/49	3.46	(122)	5	.70	(2.29)	--
1951	05/20/51	38.8	(1370)	5	2.59	(8.51)	--
1952	03/25/52	3.29	(116)	5	.64	(2.10)	2
1953	02/23/53	3.60	(127)	5	.72	(2.35)	2
1954	05/16/54	5.64	(199)	5	.88	(2.88)	--
1955	06/29/55	18.9	(666)	5	1.66	(5.46)	--
1956	07/06/56	10.4	(368)	5	1.18	(3.87)	--

06831500 FRENCHMAN CREEK NEAR IMPERIAL, NE

LOCATION.--Lat. 40°25'45", long 101°37'25, in SW1/4 NW1/4 sec.3, T.5 N., R.38 W., Chase County, Hydrologic Unit 10250005, on right bank 0.3 km (0.2 mi) downstream from bridge on county highway, 9.3 km (5.8 mi) upstream from Enders Dam, 9.8 km (6.1 mi) south of Imperial, and at kilometer 133 (mile 82.9).

DRAINAGE AREA.--2,700 km² (1,050 mi²), of which 2,220 km² (859 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941 to current year. Published as Frenchman River near Imperial October 1965 to September 1972.

GAGE.--Water-stage recorder. Elevation of gage is 954.02 m (3,130 ft) above sea level (from topographic map). Prior to Mar. 7, 1941, non-recording gage at bridge 0.3 km (0.2 mi) upstream at different datum. Mar. 7, 1941, to Sept. 30, 1958, water-stage recorder at site 0.3 km (0.2 mi) downstream at datum 1.33 m (4.35 ft) lower.

REMARKS.--Natural flow affected by irrigation development above station. Flood of June 7, 1940, reached a stage of 3.78 m (12.4 ft), from floodmark, site and datum, in use Mar. 7, 1941, to Sept. 30, 1958 (discharge not determined but believed greater than that of Mar. 22, 1960).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 66.3 m³/s (2,340 ft³/s) Mar. 22, 1960, gage height, 2.57 m (8.43 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1941	01/30/41	4.13 (146)	5	-- --	--
1942	09/02/42	13.0 (460)	5	-- --	--
1943	06/14/43	52.7 (1860)	5	-- --	--
1944	08/05/44	7.70 (272)	5	-- --	--
1945	09/29/45	9.29 (328)	5	-- --	--
1946	09/11/46	8.04 (284)	5	-- --	--
1947	06/24/47	5.89 (208)	5	-- --	--
1948	06/27/48	5.66 (200)	5	-- --	--
1949	05/20/49	6.51 (230)	5	-- --	--
1950	05/12/50	4.13 (146)	5	-- --	--
1951	05/21/51	52.7 (1860)	5	-- --	--
1952	08/28/52	4.73 (167)	5	-- --	--
1953	08/17/53	4.25 (150)	5	-- --	--
1954	09/16/54	7.53 (266)	5	-- --	--
1955	06/30/55	9.35 (330)	5	-- --	--
1956	06/18/56	23.3 (824)	5	-- --	--
1957	06/26/57	10.8 (383)	5	-- --	--
1958	07/18/58	30.3 (1070)	5	-- --	--
1959	05/18/59	4.81 (170)	5	0.76 (2.49)	--
1960	03/22/60	66.3 (2340)	5	2.57 (8.43)	--
1961	06/14/61	3.03 (107)	5	.60 (1.96)	--
1962	07/16/62	11.3 (400)	5	1.01 (3.31)	--
1963	07/12/63	3.60 (127)	5	.57 (1.86)	2
1964	06/21/64	17.7 (626)	5	1.24 (4.07)	--
1965	07/18/65	8.67 (306)	5	.83 (2.71)	--
1966	09/02/66	6.71 (237)	5	.77 (2.54)	--
1967	06/20/67	22.9 (809)	5	1.43 (4.69)	--
1968	10/26/67	2.78 (98)	5	.54 (1.77)	2
1969	05/17/69	3.51 (124)	5	.51 (1.68)	2
1970	06/18/70	9.54 (337)	5	.82 (2.70)	--

06831500 FRENCHMAN CREEK NEAR IMPERIAL, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Haeight</i> <i>Code</i>
1971	04/19/71	7.62 (269)	5	.72 (2.35)	--
1972	05/11/72	3.26 (115)	5	.53 (1.75)	2
1973	09/28/73	3.62 (128)	5	.55 (1.81)	--
1974	06/10/74	3.74 (132)	5	.55 (1.82)	--
1975	05/31/75	4.93 (174)	5	0.63 (2.07)	2
1976	06/23/76	3.20 (113)	5	0.53 (1.75)	--
1977	03/17/77	3.82 (135)	2, 5	.60 (1.96)	--
1978	07/21/78	3.09 (109)	5	.52 (1.70)	--
1979	02/13/79	1.61 (57)	5	.45 (1.46)	--
1980	04/06/80	2.01 (71)	5	.49 (1.62)	--
1981	08/26/81	2.38 (84)	5	.53 (1.75)	--
1982	07/21/82	2.63 (93)	5	.52 (1.69)	2
1983	07/11/83	1.76 (62)	5	.46 (1.52)	2
1984	04/21/84	1.78 (63)	5	.46 (1.52)	2
1985	03/05/85	1.44 (51)	5	.40 (1.32)	2
1986	02/13/86	1.36 (48)	5	.41 (1.33)	--
1987	05/03/87	2.27 (80)	5	.54 (1.77)	--
1988	02/16/88	1.47 (52)	5	.45 (1.47)	--
1989	08/04/89	1.93 (68)	5	.49 (1.61)	2
1990	05/30/90	1.19 (42)	5	.51 (1.67)	1
1991	05/03/91	2.46 (87)	5	.56 (1.83)	1
1992	08/05/92	2.58 (91)	5	.57 (1.87)	--
1993	07/23/93	3.26 (115)	5	.62 (2.04)	--

06832500 FRENCHMAN CREEK NEAR ENDERS, NE

LOCATION.--Lat. 40°25'05", long 101°30'35", in NW1/4 NW1/4 sec.10, T.5 N., R.37 W., Chase County, Hydrologic Unit 10250005, on left bank 0.3 km (0.2 mi) downstream from Enders Dam, 4.0 km (2.5 mi) southeast of Enders, and at kilometer 119.9 (mile 74.5).

DRAINAGE AREA.--2,460 km² (950 mi²), approximately, of which about 2,050 km² (790 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year. Published as Frenchman River near Enders October 1965 to September 1972.

GAGE.--Water-stage recorder. Datum of gage is 922.39 m (3,026.22 ft) above sea level. Prior to June 14, 1948, at site 240 m (800 ft) upstream at datum 1.84 m (6.03 ft) higher. June 14, 1948, to Sept. 14, 1972, at present site at datum 1.52 m (5.00 ft) higher.

REMARKS.--Flow regulated by Enders Reservoir (station 06832000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21.6 m³/s (763 ft³/s) Aug. 20, 1953 gage height, 3.45 m (11.31 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1946	09/12/46	6.91 (244)	6	-- --	--
1947	06/25/47	6.68 (236)	6	-- --	--
1948	02/13/48	5.32 (188)	6	-- --	--
1949	11/20/48	7.87 (278)	6	2.71 (8.88)	--
1950	10/14/49	7.73 (273)	6	2.62 (8.60)	--
1951	05/14/51	4.93 (174)	6	2.51 (8.22)	--
1952	03/12/52	4.28 (151)	6	2.50 (8.20)	--
1953	08/20/53	21.6 (763)	6	3.45 (11.31)	--
1954	06/08/54	10.2 (361)	6	2.90 (9.50)	--
1955	09/09/55	7.36 (260)	6	2.66 (8.74)	--
1956	09/28/56	8.95 (316)	6	2.79 (9.16)	2
1957	09/12/57	7.05 (249)	6	2.66 (8.72)	--
1958	09/15/58	6.63 (234)	6	2.63 (8.63)	2
1959	10/01/58	11.2 (396)	6	2.97 (9.74)	--
1960	03/24/60	15.5 (546)	6	3.14 (10.29)	--
1961	04/07/61	12.5 (442)	6	2.90 (9.51)	--
1962	08/24/62	14.0 (496)	6	3.12 (10.23)	--
1963	07/06/63	13.4 (473)	6	3.07 (10.08)	--
1964	08/03/64	13.7 (485)	6	3.09 (10.14)	--
1965	07/25/65	13.6 (479)	6	3.01 (9.86)	--
1966	07/15/66	14.3 (505)	6	3.09 (10.13)	--
1967	08/09/67	11.1 (392)	6	2.76 (9.05)	--
1968	07/22/68	13.1 (461)	6	2.84 (9.32)	--
1969	07/18/69	13.3 (471)	6	2.86 (9.39)	--
1970	07/02/70	13.4 (472)	6	2.86 (9.38)	--
1971	07/20/71	11.5 (407)	6	2.73 (8.96)	--
1972	08/24/72	11.2 (397)	6	2.68 (8.80)	2
1973	07/08/73	14.5 (512)	6	2.92 (9.59)	--
1974	07/09/74	11.9 (420)	6	2.71 (8.90)	--
1975	07/22/75	10.2 (360)	6	2.64 (8.67)	2
1976	07/03/76	12.2 (431)	6	2.73 (8.95)	--
1977	07/06/77	11.0 (388)	6	2.66 (8.73)	--
1978	08/01/78	8.58 (303)	6	2.58 (8.48)	--
1979	08/07/79	9.80 (346)	6	2.54 (8.33)	--
1980	08/09/80	9.23 (326)	6	2.52 (8.26)	2

06832500 FRENCHMAN CREEK NEAR ENDERS, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Haeight</i> <i>Code</i>
1981	08/26/81	6.91 (244)	6	2.34 (7.68)	--
1982	07/21/82	9.60 (339)	6	2.56 (8.39)	--
1983	07/11/83	8.78 (310)	6	2.53 (8.29)	--
1984	07/16/84	7.25 (256)	6	2.45 (8.03)	--
1985	06/25/85	8.30 (293)	6	2.52 (8.28)	--
1986	08/16/86	7.42 (262)	6	2.45 (8.05)	--
1987	06/23/87	7.93 (280)	6	2.51 (8.25)	--
1988	06/25/88	7.42 (262)	6	2.55 (8.35)	--
1989	08/20/89	7.93 (280)	6	2.52 (8.28)	--
1990	07/03/90	8.75 (309)	6	2.66 (8.73)	--
1991	07/31/91	11.6 (411)	6	2.91 (9.55)	--
1992	08/14/92	6.74 (238)	6	2.52 (8.28)	--
1993	08/21/93	5.72 (202)	6	2.43 (7.97)	--

06833500 FRENCHMAN CREEK NEAR HAMLET, NE

LOCATION.--Lat. 40°22'30", long 101°12'50", in NW1/4 sec.29, T.5 N., R.34 W., Hayes County, Hydrologic Unit 10250005, on right bank 37 m (120 ft) downstream from county bridge on section line, 0.4 km (0.25 mi) downstream from Chicago, Burlington & Quincy Railroad bridge, and 0.4 km (0.25 mi) south of U.S. Highway 6, and 2.4 km (1.5 mi) east of Hamlet.

DRAINAGE AREA.--3,830 km² (1,480 mi²), approximately, of which about 2,490 km² (960 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1929 to 1956 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 852.71 m (2,797.61 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 198 m³/s (7,000 ft³/s) June 17, 1956, gage height, 3.72 m (12.20 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1929	06/06/29	19.9 (704)	5	-- --	--
1930	08/29/30	14.3 (505)	5	-- --	--
1931	08/09/31	55.5 (1960)	5	-- --	--
1932	07/31/32	16.1 (567)	5	-- --	--
1933	09/11/33	16.2 (572)	5	-- --	--
1934	06/15/34	26.0 (918)	5	-- --	--
1935	05/27/35	62.3 (2200)	2, 5	-- --	--
1936	05/28/36	20.9 (738)	5	-- --	--
1937	06/15/37	55.8 (1970)	5	-- --	--
1938	06/02/38	9.49 (335)	5	-- --	--
1939	06/24/39	26.1 (922)	5	-- --	--
1940	06/17/40	68.0 (2400)	5	3.34 (10.95)	--
1941	07/12/41	24.6 (867)	5	2.10 (6.88)	--
1942	04/30/42	18.0 (634)	5	1.75 (5.75)	--
1943	06/16/43	19.9 (702)	5	1.86 (6.10)	--
1944	06/13/44	11.8 (418)	5	1.34 (4.38)	--
1945	06/05/45	12.6 (444)	5	1.44 (4.71)	--
1946	09/09/46	27.9 (986)	5	2.27 (7.45)	--
1947	10/04/46	28.3 (1000)	5	2.27 (7.45)	--
1948	07/14/48	5.52 (195)	5	0.70 (2.31)	2
1949	06/07/49	22.4 (790)	5	1.81 (5.94)	--
1950	05/07/50	10.6 (374)	5	1.19 (3.91)	2
1951	09/02/51	48.1 (1700)	6	2.77 (9.10)	--
1952	08/28/52	10.7 (379)	6	1.21 (3.96)	--
1953	07/23/53	10.2 (359)	6	1.17 (3.85)	--
1954	08/17/54	27.2 (960)	6	2.08 (6.82)	--
1955	06/16/55	48.1 (1700)	6	2.80 (9.18)	--
1956	06/17/56	198 (7000)	6	3.72 (12.20)	--

06834000 FRENCHMAN CREEK AT PALISADE, NE

LOCATION.--Lat. 40°21'12", long 101°07'35", in SW1/4 SE1/4 sec.36, T.5 N., R.34 W., Hayes County, Hydrologic Unit 10250005, on right bank at upstream side of bridge on U.S. Highway 6, 1.1 km (0.7 mi) west of Palisade, 2.4 km (1.5 mi) upstream from Stinking Water Creek, and at kilometer 48.6 (mile 30.2).

DRAINAGE AREA.--3,400 km² (1,300 mi²), approximately, of which about 2,950 km² (1,110 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1895-96, 1951 to current year. Published as Frenchman River at Palisade, October 1894 to October 1896 and October 1965 to September 1972.

GAGE.--Water-stage recorder. Datum of gage is 836.22 m (2,743.49 ft) above sea level. October 1894 to October 1896, non-recording gage at railroad bridge 0.6 km (0.4 mi) downstream at different datum; June 1950 to Feb. 7, 1977, recording gage at site 610 m (2,000 ft) upstream at datum 1.2 m (4.0 ft) higher.

REMARKS.--Natural flow affected by irrigation development above station and since Oct. 23, 1950, by storage in Enders Reservoir (station 06832000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 157 m³/s (5,560 ft³/s) June 17, 1956, gage height, 2.68 m (8.79 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1895	06/01/95	36.8	(1300)	2	--	--	--
1896	06/30/96	22.7	(800)	1	--	--	--
1951	06/17/51	46.2	(1630)	6	2.27	(7.44)	--
1952	08/28/52	9.49	(335)	6	1.51	(4.97)	--
1953	07/23/53	8.67	(306)	6	1.46	(4.80)	2
1954	08/18/54	22.1	(780)	6	1.85	(6.07)	--
1955	06/17/55	27.3	(964)	6	2.12	(6.96)	--
1956	06/17/56	157	(5560)	6	2.68	(8.79)	--
1957	06/27/57	29.5	(1040)	6	2.04	(6.68)	--
1958	07/19/58	40.8	(1440)	6	2.36	(7.73)	--
1959	05/18/59	16.0	(565)	6	1.88	(6.18)	--
1960	03/21/60	24.5	(865)	6	2.10	(6.90)	--
1961	07/20/61	12.9	(455)	6	1.76	(5.77)	--
1962	07/31/62	49.3	(1740)	6	2.49	(8.18)	--
1963	07/12/63	25.9	(916)	6	2.15	(7.06)	--
1964	06/22/64	23.9	(844)	6	1.91	(6.28)	--
1965	07/06/65	28.3	(1000)	6	2.10	(6.88)	--
1966	07/22/66	15.9	(562)	6	1.64	(5.39)	--
1967	07/08/67	37.7	(1330)	6	2.33	(7.63)	--
1968	08/04/68	16.9	(596)	6	1.70	(5.58)	--
1969	07/21/69	17.0	(600)	6	1.72	(5.65)	--
1970	07/06/70	11.5	(406)	6	1.45	(4.76)	--
1971	08/14/71	10.9	(384)	6	1.42	(4.67)	--
1972	06/18/72	47.3	(1670)	6	2.42	(7.94)	--
1973	07/20/73	22.0	(778)	6	1.82	(5.98)	--
1974	08/08/74	17.0	(602)	6	1.70	(5.57)	--
1975	07/31/75	33.7	(1190)	6	2.24	(7.34)	--
1976	06/23/76	14.8	(522)	6	1.59	(5.21)	--
1977	07/10/77	15.1	(534)	6	2.05	(6.72)	--
1978	07/13/78	11.2	(395)	6	1.85	(6.07)	--
1979	07/28/79	17.3	(610)	6	2.16	(7.08)	--
1980	07/23/80	9.20	(325)	6	1.69	(5.53)	--

06834000 FRENCHMAN CREEK AT PALISADE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Haeight</i> <i>Code</i>
1981	06/29/81	10.7 (379)	6	1.79 (5.87)	--
1982	06/12/82	16.4 (578)	6	2.12 (6.94)	--
1983	07/12/83	6.32 (223)	6	1.54 (5.05)	--
1984	06/16/84	19.5 (689)	6	2.30 (7.55)	--
1985	08/28/85	6.26 (221)	6	1.49 (4.90)	--
1986	07/11/86	14.9 (527)	6	2.05 (6.71)	--
1987	08/17/87	6.8 (240)	6	1.52 (4.99)	--
1988	07/15/88	35.1 (1240)	6	2.64 (8.66)	--
1989	06/29/89	15.3 (540)	6	2.10 (6.88)	--
1990	05/27/90	16.0 (566)	6	2.13 (7.00)	--
1991	07/05/91	6.29 (222)	6	1.53 (5.03)	2
1992	08/04/92	18.3 (645)	6	2.36 (7.74)	--
1993	07/24/93	20.4 (722)	6	2.47 (8.12)	--

06834100 SPRING CREEK TRIBUTARY NEAR GRANT, NE

LOCATION.--Lat. 40°49'52", long 101°48'57", in SW1/4 SW1/4 sec.18, T.10 N., R.39 W., Perkins County, Hydrologic Unit 10250006, on downstream side of Burlington Northern Inc. railroad bridge No. 148.89, 17.4 m (57 ft) upstream from twin 4'x10' (1.2 x 3.0 m) concrete box culvert under Nebraska Highway 23, 8.4 km (5.2 mi) southwest of Grant and 8.9 km (5.5 mi) northeast of Brandon.

DRAINAGE AREA.--46.4 km² (17.9 mi²), of which 37.6 km² (14.5 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1970 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Datum of gage is 1,045.5 m (3,430 ft) above sea level. Lowest recording stage is 3.05 m (10.02 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 0.26 m³/s (9.0 ft³/s) June 19, 1971, gage height, 4.02 m (13.20 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1970	/ /70	≤0.01	(≤.5)	--	--	--	--
1971	06/09/71	.26	(9)	2	4.02	(13.20)	--
1972	/ /72	≤0.01	(≤.5)	--	--	--	--
1973	/ /73	≤0.01	(≤.5)	--	--	--	--
1974	/ /74	≤0.01	(≤.5)	--	--	--	--
1975	/ /75	≤0.01	(≤.5)	--	--	--	--
1976	/ /76	≤0.01	(≤.5)	--	--	--	--
1977	05/29/77	.14	(5)	2	3.96	(12.99)	--
1978	/ /78	≤0.01	(≤.5)	--	--	--	--

06834500 STINKING WATER CREEK NEAR WAUNETA, NE

LOCATION.--Lat. 40°29'20", long 101°19'30", in NW1/4 sec.17, T.6 N., R.35 W., Hayes County, Hydrologic Unit 10250006, on left bank 2.4 km (1.5 mi) downstream from Spring Creek, and 10 km (6 mi) northeast of Wauneta.

DRAINAGE AREA.--3,440 km² (1,330 mi²).

PERIOD OF RECORD.--1941 to 1950 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 893.06 m (2,930.00 ft) above sea level. Datum was lowered .91 m (3.0 ft), due to excessive scour, on Feb. 21, 1942, and all records were computed to that datum until May 18, 1943, when the gage was moved to present location, 0.5 mi downstream, and at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17.7 m³/s (626 ft³/s) June 6, 1949, gage height, 2.01 m (6.59 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1941	06/23/41	2.83 (100)	--	--	--
1942	10/04/41	12.0 (424)	--	--	--
1943	06/13/43	12.7 (447)	--	1.86 (6.11)	--
1944	04/24/44	3.17 (112)	--	1.16 (3.82)	--
1945	06/05/45	15.0 (531)	--	1.93 (6.33)	--
1946	09/09/46	12.7 (450)	--	1.87 (6.12)	--
1947	06/21/47	11.6 (408)	--	1.83 (6.00)	--
1948	07/14/48	4.76 (168)	--	1.16 (3.81)	--
1949	06/06/49	17.7 (626)	--	2.01 (6.59)	--
1950	07/27/50	2.10 (74)	--	0.65 (2.14)	2

06835000 STINKING WATER CREEK NEAR PALISADE, NE

LOCATION.--Lat. 40°21'10", long 101°06'50", in SW1/4 NW1/4 sec.30, T.5 N., R.33 W., Hayes County, Hydrologic Unit 10250006, on right bank 7.6 m (25 ft) downstream from county bridge, 1.9 km (1.2 mi) upstream from mouth, and 2.9 km (1.8 mi) northwest of Palisade.

DRAINAGE AREA.--3,880 km² (1,500 mi²), approximately, of which about 980 km² (380 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is 835.45 m (2,740.99 ft) above sea level.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 85.8 m³/s (3,030 ft³/s) June 17, 1956, gage height, 3.44 m (11.30 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/25/50	12.5	(442)	--	2.44	(8.02)	--
1951	05/15/51	24.0	(846)	--	2.88	(9.46)	--
1952	08/28/52	29.2	(1030)	--	2.99	(9.81)	--
1953	08/20/53	3.00	(106)	--	1.01	(3.30)	2
1954	08/17/54	5.47	(193)	--	1.51	(4.96)	--
1955	06/17/55	35.4	(1250)	--	3.08	(10.11)	--
1956	06/17/56	85.8	(3030)	--	3.44	(11.30)	--
1957	05/17/57	6.77	(239)	--	1.66	(5.44)	--
1958	07/19/58	36.0	(1270)	--	3.16	(10.36)	--
1959	05/19/59	9.57	(338)	--	1.86	(6.11)	--
1960	03/22/60	50.4	(1780)	--	3.29	(10.80)	--
1961	08/27/61	4.11	(145)	--	1.34	(4.40)	--
1962	08/02/62	14.6	(514)	--	2.30	(7.55)	--
1963	09/18/63	9.63	(340)	--	1.90	(6.23)	--
1964	06/23/64	8.44	(298)	--	1.83	(5.99)	--
1965	07/06/65	6.63	(234)	--	1.58	(5.20)	--
1966	10/19/65	3.48	(123)	--	1.17	(3.83)	--
1967	06/07/67	21.6	(761)	--	2.77	(9.10)	--
1968	08/05/68	9.63	(340)	--	1.81	(5.95)	--
1969	06/27/69	5.89	(208)	--	1.46	(4.80)	--
1970	06/12/70	4.25	(150)	--	1.25	(4.10)	--
1971	04/22/71	4.36	(154)	--	1.38	(4.52)	--
1972	06/17/72	19.5	(688)	--	2.62	(8.60)	--
1973	09/11/73	10.6	(375)	--	2.01	(6.59)	--
1974	06/10/74	6.37	(225)	--	1.62	(5.30)	--
1975	06/08/75	7.65	(270)	--	1.78	(5.83)	--
1976	07/06/76	3.06	(108)	--	1.31	(4.31)	--
1977	07/08/77	8.67	(306)	--	1.86	(6.11)	--
1978	05/27/78	6.71	(237)	--	1.69	(5.54)	--
1979	06/28/79	4.30	(152)	--	1.51	(4.96)	--
1980	06/21/80	8.30	(293)	--	1.83	(6.02)	--

06835000 STINKING WATER CREEK NEAR PALISADE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Haeight</i> <i>Code</i>
1981	08/07/81	5.66 (200)	--	1.58 (5.20)	--
1982	06/13/82	7.70 (272)	--	1.83 (6.00)	--
1983	03/07/83	3.14 (111)	--	1.35 (4.43)	--
1984	06/16/84	66.3 (2340)	--	3.31 (10.85)	--
1985	09/14/85	1.50 (53)	--	1.03 (3.39)	--
1986	05/17/86	2.10 (74)	--	1.18 (3.86)	--
1987	06/12/87	1.70 (60)	--	1.34 (4.38)	2
1988	06/02/88	7.99 (282)	--	2.10 (6.90)	--
1989	08/26/89	13.5 (477)	--	2.53 (8.31)	--
1990	05/29/90	1.39 (49)	--	1.11 (3.64)	2
1991	05/05/91	1.53 (54)	--	1.14 (3.75)	2
1992	08/05/92	10.1 (356)	--	2.38 (7.82)	--
1993	07/27/93	13.0 (458)	--	2.58 (8.47)	--

06835100 BOBTAIL CREEK NEAR PALISADE, NE

LOCATION.--Lat. 40°18'17", long 101°06'40", in SE1/4 NW1/4 sec.13, T.4 N., R.34 W., Hitchcock County, Hydrologic Unit 10250005, on downstream bridge pier, 3.5 km (2.2 mi) south of Palisade, and 5.6 km (3.5 mi) upstream from Frenchman Creek.

DRAINAGE AREA.--78.2 km² (30.2 mi²), of which 5.15 km² (1.99 mi²) is non-contributing.

PERIOD OF RECORD.--1966 to 1978 (discontinued).

GAGE.--Water-stage recorder. No daily records published for this site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 430 m³/s (15,200 ft³/s) June 17,1972, gage height, 8.28 m (27.17 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1966	08/12/66	6.51 (230)	--	1.70 (5.57)	--
1967	09/18/67	18.4 (650)	--	2.33 (7.66)	--
1968	08/28/68	23.6 (835)	--	2.56 (8.39)	--
1969	05/21/69	31.2 (1100)	2	-- --	--
1970	06/11/70	31.2 (1100)	--	2.86 (9.39)	--
1971	06/10/71	2.29 (81)	--	1.25 (4.09)	--
1972	06/17/72	430 (15200)	--	8.28 (27.17)	--
1973	09/28/73	2.55 (90)	--	0.91 (3.00)	--
1974	08/08/74	4.96 (175)	--	1.26 (4.15)	--
1975	06/08/75	52.4 (1850)	--	3.43 (11.25)	--
1976	06/23/76	8.21 (290)	--	1.52 (5.00)	--
1977	07/09/77	3.17 (112)	--	1.06 (3.47)	--
1978	05/26/78	1.90 (67)	--	0.77 (2.53)	--

06835500 FRENCHMAN CREEK AT CULBERTSON, NE

LOCATION.--Lat. 40°14'05", long 100°52'40", in SW1/4 SE1/4 sec.12, T.3 N., R.32 W., Hitchcock County, Hydrologic Unit 10250005, on right bank 2.4 m (8 ft) upstream from bridge on U.S. Highway 6 and 34, 3.2 km (2 mi) west of Culbertson, and 6.4 km (4.0 mi) upstream from mouth.

DRAINAGE AREA.--7,744 km² (2,990 mi²), approximately, of which about 4,118 km² (1,590 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1931 to current year. Published as Frenchman River at Culbertson October 1965 to September 1972. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 787.43 m (2,583.44 ft) above sea level. See WSP 1919 for history of changes prior to Nov. 2, 1950.

REMARKS.--Natural flow affected by irrigation development above station and, since Oct. 23, 1950, by storage in Enders Reservoir (station 06832000). Principal diversion is by Culbertson Canal, 84.17 km² (20,800 acres).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 50.1 m³/s (1,770 ft³/s) June 13, 1914.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 425 m³/s (15,000 ft³/s) May 31, 1935, gage height, 4.51 m (14.80 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1914	06/13/14	50.1	(1770)	7	--	--	--
1931	08/10/31	18.5	(652)	5	--	--	--
1932	07/31/32	11.6	(408)	5	--	--	--
1933	08/28/33	125	(4410)	5	--	--	--
1934	06/15/34	37.1	(1310)	5	--	--	--
1935	05/31/35	425	(15000)	2, 5	4.51	(14.80)	--
1936	05/29/36	13.9	(491)	5	--	--	--
1937	06/01/37	88.4	(3120)	5	--	--	--
1938	07/02/38	30.0	(1060)	5	--	--	--
1939	06/20/39	49.6	(1750)	5	--	--	--
1940	06/09/40	120	(4250)	5	--	--	--
1941	06/02/41	27.2	(962)	5	--	--	--
1942	06/24/42	31.7	(1120)	5	--	--	--
1943	06/17/43	17.1	(604)	5	--	--	--
1944	06/12/44	30.3	(1070)	5	--	--	--
1945	09/27/45	37.1	(1310)	5	--	--	--
1946	09/10/46	21.5	(758)	5	--	--	--
1947	10/06/46	33.4	(1180)	5	--	--	--
1948	05/30/48	18.5	(654)	5	--	--	--
1949	06/07/49	39.1	(1380)	5	--	--	--
1950	07/24/50	34.0	(1200)	5	--	--	--
1951	06/17/51	149	(5260)	6	3.18	(10.43)	--
1952	08/29/52	17.8	(628)	6	1.69	(5.54)	--
1953	01/08/53	6.51	(230)	6	1.17	(3.85)	2
1954	08/18/54	17.4	(616)	6	1.60	(5.25)	2
1955	06/17/55	49.6	(1750)	6	2.46	(8.08)	--

06835500 FRENCHMAN CREEK AT CULBERTSON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1956	06/18/56	94.9	(3350)	6	2.85	(9.36)	--
1957	07/08/57	69.4	(2450)	6	2.68	(8.79)	--
1958	07/20/58	39.4	(1390)	6	2.33	(7.63)	--
1959	07/13/59	70.2	(2480)	6	2.69	(8.82)	--
1960	03/23/60	67.7	(2390)	6	2.62	(8.61)	--
1961	07/21/61	10.6	(373)	6	1.42	(4.67)	2
1962	07/31/62	68.5	(2420)	6	2.73	(8.95)	--
1963	09/20/63	12.1	(427)	6	1.47	(4.82)	2
1964	07/11/64	25.9	(914)	6	1.87	(6.13)	--
1965	07/05/65	69.1	(2440)	6	2.73	(8.97)	--
1966	07/20/66	9.32	(329)	6	1.33	(4.36)	--
1967	06/08/67	34.3	(1210)	6	2.20	(7.22)	--
1968	08/28/68	23.6	(833)	6	1.91	(6.26)	--
1969	05/21/69	26.7	(944)	6	2.02	(6.64)	--
1970	06/11/70	48.7	(1720)	6	2.48	(8.15)	--
1971	06/11/71	6.23	(220)	6	1.13	(3.72)	2
1972	06/18/72	62.0	(2190)	6	2.72	(8.91)	--
1973	09/23/73	9.37	(331)	6	1.30	(4.26)	2
1974	06/09/74	20.8	(733)	6	1.76	(5.79)	--
1975	06/08/75	26.8	(946)	6	1.93	(6.32)	--
1976	06/23/76	14.1	(498)	6	1.47	(4.81)	2
1977	08/25/77	68.3	(2410)	6	2.73	(8.97)	--
1978	05/27/78	32.3	(1140)	6	2.12	(6.96)	--
1979	07/29/79	9.35	(330)	6	1.39	(4.57)	2
1980	02/21/80	7.39	(261)	6	1.23	(4.05)	2
1981	07/18/81	20.6	(728)	6	2.01	(6.61)	--
1982	08/14/82	21.7	(768)	6	2.28	(7.49)	--
1983	06/18/83	4.42	(156)	6	1.12	(3.68)	--
1984	06/17/84	24.5	(864)	6	2.43	(7.96)	--
1985	02/17/85	4.59	(162)	6	1.08	(3.53)	2
1986	07/12/86	5.75	(203)	6	1.19	(3.90)	--
1987	06/09/87	5.10	(180)	6	1.16	(3.80)	--
1988	07/19/88	26.4	(933)	6	2.46	(8.08)	--
1989	06/25/89	11.5	(405)	6	1.86	(6.11)	--
1990	05/28/90	7.14	(252)	6	1.44	(4.74)	--
1991	04/01/91	2.55	(90)	6	0.87	(2.86)	2
1992	08/03/92	39.6	(1400)	6	2.65	(8.68)	--
1993	09/19/93	20.3	(717)	6	2.31	(7.57)	--

06836000 BLACKWOOD CREEK NEAR CULBERTSON, NE

LOCATION.--Lat. 40°14'10", long 100°48'39", in SE1/4 SW1/4 sec.10, T.3 N., R.31 W., Hitchcock County, Hydrologic Unit 10250004, on right bank 150 m (500 ft) upstream from bridge on U.S. Highways 6 and 34, 0.3 km (0.2 mi) north of Burlington Northern Inc. bridge, 2.9 km (1.8 mi) east of Culbertson, and 2.9 km (1.8 mi) upstream from mouth.

DRAINAGE AREA.--830 km² (320 mi²), approximately, of which about 699 km² (270 mi²) contribute directly to surface runoff.

PERIOD OF RECORD.--1946 to 1986 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 778.84 m (2,555.25 ft) above sea level. Prior to Oct. 1, 1967, at site 0.32 km (0.2 mi) downstream, at present datum. Oct. 1, 1967 to Aug. 28, 1968, at site 1.3 km (0.8 mi) downstream at datum 2.73 m (8.96 ft) lower.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 150 m³/s (5,300 ft³/s) May 31, 1935.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46.7 m³/s (1,650 ft³/s) June 17, 1955, gage height, 4.46 m (14.64 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1935	05/31/35	150	(5300)	2, 7	--	--	--
1946	06/18/46	11.2	(394)	--	2.19	(7.17)	--
1947	06/22/47	45.3	(1600)	--	4.17	(13.67)	--
1948	06/28/48	16.9	(595)	--	2.54	(8.32)	--
1949	06/07/49	6.74	(238)	--	1.77	(5.80)	--
1950	07/25/50	18.2	(643)	--	2.68	(8.80)	--
1951	07/18/51	38.5	(1360)	--	3.58	(11.74)	--
1952	08/29/52	2.83	(100)	--	1.11	(3.63)	--
1953	08/06/53	3.79	(134)	--	1.16	(3.80)	--
1954	06/13/54	5.81	(205)	--	1.45	(4.77)	--
1955	06/17/55	46.7	(1650)	--	4.46	(14.64)	--
1956	06/17/56	44.2	(1560)	--	4.29	(14.08)	--
1957	07/08/57	11.5	(406)	--	2.05	(6.73)	--
1958	05/15/58	10.8	(383)	--	1.77	(5.81)	--
1959	07/14/59	18.8	(664)	--	2.52	(8.26)	--
1960	03/21/60	46.2	(1630)	--	4.38	(14.36)	--
1961	07/22/61	2.24	(79)	--	0.98	(3.22)	--
1962	06/30/62	35.4	(1250)	--	3.93	(12.89)	--
1963	02/05/63	4.08	(144)	--	1.26	(4.15)	--
1964	06/07/64	7.11	(251)	--	1.64	(5.37)	--
1965	07/05/65	25	(884)	--	3.34	(10.96)	--
1966	10/18/65	4.98	(176)	--	1.37	(4.51)	--
1967	07/09/67	8.69	(307)	--	1.85	(6.06)	2
1968	08/28/68	5.78	(204)	--	2.57	(8.43)	--
1969	05/21/69	13.3	(470)	--	3.14	(10.30)	--
1970	06/12/70	8.5	(300)	2	1.46	(4.79)	--
1971	06/12/71	4.7	(166)	--	1.26	(4.14)	--
1972	06/19/72	17.5	(618)	--	1.94	(6.35)	--
1973	07/25/73	13.3	(468)	--	1.74	(5.72)	--
1974	06/08/74	35.7	(1260)	--	2.52	(8.27)	--
1975	06/21/75	24.8	(877)	--	2.20	(7.22)	--

06836000 BLACKWOOD CREEK NEAR CULBERTSON, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	05/21/76	25.8	(912)	--	2.23	(7.32)	--
1977	05/20/77	20.5	(723)	--	2.58	(8.46)	--
1978	03/11/78	7.82	(276)	--	1.78	(5.83)	--
1979	04/26/79	3.62	(128)	--	1.19	(3.89)	--
1980	02/21/80	5.21	(184)	--	1.47	(4.81)	--
1981	07/18/81	13.2	(465)	--	2.56	(8.39)	--
1982	08/14/82	10.6	(373)	--	2.24	(7.36)	--
1983	09/17/83	1.56	(55)	--	0.86	(2.81)	--
1984	06/17/84	7.84	(277)	--	2.17	(7.13)	--
1985	06/26/85	4.11	(145)	--	1.63	(5.36)	--
1986	04/29/86	0.74	(26)	--	1.20	(3.95)	1

06836500 DRIFTWOOD CREEK NEAR MCCOOK, NE

LOCATION.--Lat. 40°08'45", long 100°40'22", in SW1/4 SE1/4 sec.11, T.2 N., R.30 W., Red Willow County, Hydrologic Unit 10250004, on right bank downstream from county road bridge, 9.3 km (5.8 mi) upstream from mouth.

DRAINAGE AREA.--935 km² (361 mi²), approximately, of which about 909 km² (351 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 762.85 m (2,502.78 ft) above sea level. Prior to Oct. 12, 1962, at site 2.4 km (1.5 mi) downstream in old channel at datum 2.74 m (9.00 ft) lower, Oct. 12, 1962, to Apr. 11, 1963, at site 2.9 km (1.8 mi) downstream at datum 3.89 m (12.75 ft) lower, Apr. 12, 1963 to Apr. 22, 1982 at site 2.1 km (1.3 mi) downstream at datum 2.74 m (9.00 ft) lower, and Apr. 22, 1982 to May 29, 1992, at site 5.1 km (3.2 mi) downstream at datum 5.35 m (17.55 ft) lower.

REMARKS.--Natural flow affected by waste from Meeker-Driftwood Canal and by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 134 m³/s (4,740 ft³/s) Aug. 7, 1950, gage height, 7.75 m (25.43 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1946	09/09/46	96.3 (3400)	--	6.27 (20.57)	--
1947	06/25/47	64.3 (2270)	--	5.75 (18.85)	--
1948	06/21/48	43.0 (1520)	--	4.81 (15.77)	--
1949	06/18/49	22.1 (780)	--	3.47 (11.40)	--
1950	08/07/50	134 (4740)	--	7.75 (25.43)	--
1951	09/08/51	127 (4470)	--	7.55 (24.76)	--
1952	07/05/52	38.8 (1370)	--	4.61 (15.11)	--
1953	07/12/53	3.51 (124)	--	2.17 (7.11)	1
1954	08/18/54	16.8 (593)	--	3.34 (10.95)	--
1955	06/18/55	8.04 (284)	--	2.81 (9.23)	--
1956	06/17/56	108 (3810)	--	7.04 (23.10)	--
1957	05/30/57	103 (3620)	--	6.75 (22.16)	--
1958	10/23/57	15.9 (560)	--	3.67 (12.04)	--
1959	07/20/59	6.23 (220)	--	2.30 (7.54)	--
1960	03/21/60	80.1 (2830)	--	6.43 (21.08)	--
1961	05/21/61	4.16 (147)	--	1.96 (6.43)	--
1962	08/01/62	26.6 (940)	--	4.09 (13.43)	--
1963	02/02/63	9.18 (324)	--	2.69 (8.82)	--
1964	08/20/64	25.5 (902)	--	4.95 (16.24)	--
1965	07/05/65	22.1 (780)	--	4.86 (15.96)	--
1966	10/19/65	10.1 (356)	--	4.23 (13.89)	--
1967	07/09/67	12.0 (423)	--	4.22 (13.83)	--
1968	08/28/68	55.5 (1960)	--	5.71 (18.74)	--
1969	05/08/69	13.8 (488)	--	4.33 (14.21)	--
1970	06/12/70	33.1 (1170)	--	5.14 (16.87)	--
1971	07/05/71	13.1 (461)	--	4.20 (13.78)	--
1972	06/18/72	47.0 (1660)	--	5.55 (18.20)	--
1973	07/21/73	10.6 (374)	--	4.11 (13.49)	--
1974	06/08/74	28.9 (1020)	--	4.98 (16.35)	--
1975	06/25/75	5.47 (193)	--	3.63 (11.92)	--

06836500 DRIFTWOOD CREEK NEAR MCCOOK, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	05/21/76	14.7	(518)	--	4.38	(14.37)	--
1977	09/02/77	17.2	(607)	--	4.70	(15.42)	--
1978	07/24/78	5.81	(205)	--	3.67	(12.05)	--
1979	07/18/79	8.01	(283)	--	3.91	(12.83)	--
1980	07/02/80	11.6	(408)	--	4.26	(13.98)	--
1981	07/26/81	3.96	(140)	--	3.84	(12.59)	1
1982	07/11/82	22.7	(800)	--	3.09	(10.15)	--
1983	06/18/83	13.0	(460)	--	2.40	(7.89)	--
1984	07/04/84	9.46	(334)	--	2.34	(7.67)	--
1985	06/27/85	23.9	(843)	--	3.44	(11.29)	--
1986	07/26/86	2.10	(74)	--	1.30	(4.26)	--
1987	06/10/87	3.57	(126)	--	1.58	(5.17)	--
1988	07/19/88	12.3	(436)	--	2.62	(8.58)	--
1989	06/30/89	38.8	(1370)	--	5.17	(16.96)	--
1990	05/28/90	3.17	(112)	--	1.52	(4.99)	--
1991	06/09/91	4.53	(160)	--	1.77	(5.82)	--
1992	08/17/92	9.23	(326)	--	3.52	(11.54)	--
1993	07/24/93	3.17	(112)	--	2.06	(6.77)	--

06837000 REPUBLICAN RIVER AT MCCOOK, NE

LOCATION.--Lat. 40°11'15", long 100°37'05", in SW1/4 NE1/4 sec.32, T.3 N., R.29 W., Red Willow County, Hydrologic Unit 10250004, on left bank at downstream side of bridge on U.S. Highway 83 at south edge of McCook, 4.0 km (2.5 mi) downstream from Driftwood Creek, 16.9 km (10.5 mi) upstream from Red Willow Creek, and at kilometer 560 (mile 348).

DRAINAGE AREA.--31,701 km² (12,240 mi²), approximately, of which about 16,110 km² (6,220 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1931-32, 1955 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 748.70 m (2,456.37 ft) above sea level. October 1930 to June 1932, non-recording gage on former highway bridge 91 m (300 ft) upstream at different datum, and October 1954 to Mar. 13, 1959, on highway bridge 7.62 m (25 ft) upstream at present datum. Mar. 13, 1959 to Mar. 29, 1988 at present site and datum. Mar. 29, 1988 to Oct. 31, 1989, 61 m (200 ft) downstream at present datum.

REMARKS.--Natural flow affected by irrigation development above station and by storage in Bonny Reservoir, Enders Reservoir (station 06832000), and Swanson Lake (station 06829000).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1826, 6,940 m³/s (245,000 ft³/s) May 31, 1935.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 167 m³/s (5,890 ft³/s) Mar. 21, 1960, gage height, 2.79 m (9.14 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1931	06/05/31	22.7 (800)	5	-- --	--
1932	06/19/32	154 (5450)	2, 5	-- --	--
1935	05/31/35	6940 (245000)	2, 5, 7	-- --	--
1955	06/18/55	73.3 (2590)	6	2.13 (7.00)	--
1956	06/18/56	100 (3530)	6	2.45 (8.04)	--
1957	05/30/57	143 (5040)	6	2.65 (8.70)	--
1958	07/21/58	62.0 (2190)	6	2.16 (7.10)	--
1959	07/14/59	51.8 (1830)	6	2.01 (6.59)	--
1960	03/21/60	167 (5890)	6	2.79 (9.14)	--
1961	06/04/61	20.2 (714)	6	1.44 (4.72)	2
1962	07/01/62	120 (4230)	6	2.53 (8.30)	--
1963	03/23/63	67.1 (2370)	6	2.04 (6.68)	--
1964	07/11/64	26.1 (920)	6	1.69 (5.54)	--
1965	07/05/65	92.0 (3250)	6	2.35 (7.70)	--
1966	10/19/65	51.3 (1810)	6	1.87 (6.14)	--
1967	07/09/67	54.1 (1910)	6	2.04 (6.69)	--
1968	08/28/68	71.4 (2520)	6	2.23 (7.31)	--
1969	05/21/69	102 (3610)	6	2.52 (8.27)	--
1970	06/12/70	54.1 (1910)	6	1.97 (6.46)	--
1971	06/09/71	29.5 (1040)	6	1.65 (5.40)	--
1972	06/18/72	53.8 (1900)	6	2.07 (6.80)	--
1973	07/25/73	23.3 (822)	6	1.64 (5.37)	2
1974	06/09/74	69.1 (2440)	6	2.24 (7.34)	--
1975	06/08/75	44.2 (1560)	6	1.96 (6.43)	--

06837000 REPUBLICAN RIVER AT MCCOOK NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	05/22/76	24.5	(864)	6	1.69	(5.54)	--
1977	08/25/77	67.1	(2370)	6	2.19	(7.17)	--
1978	08/21/78	42.2	(1490)	6	1.87	(6.12)	--
1979	08/26/79	17.7	(625)	6	1.47	(4.83)	2
1980	08/11/80	49.0	(1730)	6	2.02	(6.62)	--
1981	07/19/81	61.5	(2170)	6	2.35	(7.72)	--
1982	08/14/82	33.4	(1180)	6	1.92	(6.31)	--
1983	06/18/83	17.9	(633)	6	1.59	(5.22)	--
1984	06/18/84	29.5	(1040)	6	1.88	(6.17)	--
1985	06/26/85	34.6	(1220)	6	1.96	(6.43)	--
1986	07/12/86	8.38	(296)	6	1.33	(4.36)	--
1987	06/09/87	14.2	(502)	6	1.58	(5.17)	--
1988	07/19/88	30.9	(1090)	6	1.89	(6.21)	--
1989	06/30/89	36.2	(1280)	6	1.99	(6.52)	--
1990	05/29/90	6.83	(241)	6	1.34	(4.40)	2
1991	07/24/91	6.37	(225)	6	1.33	(4.35)	--
1992	08/05/92	30.9	(1090)	6	1.98	(6.50)	--
1993	07/26/93	14.6	(516)	6	1.58	(5.20)	--

06837100 ASH CREEK NEAR RED WILLOW, NE

LOCATION.--Lat. 40°09'45", long 100°29'24", in SE1/4 SW1/4 sec.4, T.2 N., R.28 W., Red Willow County, on left bank 3 m (10 ft) downstream from county road bridge, 8 km (5 mi) south and 1.6 km (1 mi) east of Red Willow school and 6.4 km (4 mi) above mouth.

DRAINAGE AREA.--47.4 km² (18.32 mi²), former site was 57.0 km² (22.01 mi²).

PERIOD OF RECORD.--1966 to 1977 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 752.86 m (2,470 ft) above sea level. Recording gage at site 3.2 km (2 mi) downstream from Apr. 22, 1966 to April 1974. The county removed the bridge and the gage well in April 1971. No daily records published for this site.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12.2 m³/s (430 ft³/s) May 21, 1969.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1966	07/20/66	10.8	(383)	--	--	--	--
1967	07/08/67	7.02	(248)	--	--	--	--
1968	07/22/68	15.0	(530)	--	--	--	--
1969	05/21/69	12.2	(430)	--	--	--	--
1970	/ /70	≤0.01	(≤.5)	--	--	--	--
1971	06/09/71	1.61	(57)	--	--	--	--
1972	06/18/72	8.21	(290)	--	--	--	--
1973	/ /73	≤0.01	(≤.5)	--	--	--	--
1974	06/08/74	--	--	--	2.29	(7.50)	--
1975	07/31/75	--	--	--	2.80	(9.18)	--
1976	/ /76	≤0.01	(≤.5)	--	--	--	--
1977	/ /77	≤0.01	(≤.5)	--	--	--	--

06837300 RED WILLOW CREEK ABOVE HUGH BUTLER LAKE, NE

LOCATION.--Lat. 40°24'06", long 100°46'48", in NE1/4 SE1/4 sec.13, T.5 N., R.31 W., Hayes County, Hydrologic Unit 10250007, on left bank 9.1 m (30 ft) above county road bridge, 2.1 m (7.0 ft) upstream from Red Willow Dam, 19 km (12 mi) northeast of Culbertson, and at kilometer 44.4 (mile 27.6).

DRAINAGE AREA.--1,507 km² (582 mi²), approximately, of which about 502 km² (194 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1961 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 789.07 m (2,588.80 ft) above sea level. Prior to Mar. 23, 1961, non-recording gage, and Mar. 24, 1961 to Sept. 22, 1992, recording gage, at site 305 m (1,000 ft) upstream and at datum 1.83 m (6.00 ft) higher. Artificial control March 1961 to Sept. 22, 1992.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 114 m³/s (4,020 ft³/s) June 16, 1972, gage height, 4.04 m (13.27 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1961	04/14/61	2.35 (83)	--	1.02 (3.35)	--
1962	06/16/62	83.5 (2950)	--	2.73 (8.97)	--
1963	09/20/63	12.0 (423)	--	1.43 (4.68)	--
1964	04/20/64	25.2 (890)	--	1.82 (5.97)	--
1965	07/05/65	17.2 (606)	--	1.62 (5.32)	--
1966	07/28/66	10.5 (369)	--	1.33 (4.37)	--
1967	07/08/67	33.7 (1190)	--	2.14 (7.03)	--
1968	07/30/68	6.34 (224)	--	0.87 (2.85)	--
1969	07/20/69	7.65 (270)	--	.94 (3.08)	--
1970	06/19/70	7.39 (261)	--	.93 (3.05)	--
1971	06/10/71	4.87 (172)	--	.76 (2.48)	--
1972	06/16/72	114 (4020)	--	4.04 (13.27)	--
1973	07/24/73	52.7 (1860)	--	2.58 (8.48)	--
1974	06/09/74	6.32 (223)	--	.87 (2.87)	--
1975	07/31/75	30.3 (1070)	--	1.91 (6.25)	--
1976	08/01/76	7.19 (254)	--	.92 (3.02)	--
1977	08/25/77	5.13 (181)	--	.79 (2.59)	--
1978	05/27/78	16.1 (568)	--	1.35 (4.43)	--
1979	04/25/79	17.6 (622)	--	1.42 (4.65)	--
1980	06/22/80	6.32 (223)	--	.87 (2.84)	--
1981	08/06/81	7.22 (255)	--	.92 (3.01)	--
1982	06/24/82	11.4 (404)	--	1.15 (3.77)	--
1983	03/05/83	3.94 (139)	--	.70 (2.29)	--
1984	06/17/84	11.6 (411)	--	1.16 (3.80)	--
1985	02/23/85	2.55 (90)	--	.56 (1.85)	--
1986	09/17/86	10.7 (377)	--	1.11 (3.65)	--
1987	04/03/87	1.47 (52)	--	.39 (1.28)	2
1988	08/13/88	23.4 (828)	--	1.66 (5.44)	--
1989	06/25/89	21.7 (765)	--	1.59 (5.21)	--
1990	08/15/90	1.78 (63)	--	.45 (1.48)	--
1991	04/24/91	6.60 (233)	--	.85 (2.78)	--
1992	08/08/92	4.56 (161)	--	.76 (2.48)	--
1993	07/23/93	19.5 (687)	--	3.76 (12.34)	--

06837500 RED WILLOW CREEK NEAR MCCOOK, NE

LOCATION.--Lat. 40°20'50", long 100°38'35", in SW1/4 NW1/4 sec.6, T.4 N., R.29 W., Red Willow County, Hydrologic Unit 10250007, on left bank 14 m (45 ft) downstream from bridge on U.S. Highway 83, 4.8 km (3 mi) downstream from Red Willow Dam, 16 km (10 mi) north of McCook, and at kilometer 27.7 (mile 17.2).

DRAINAGE AREA.--1,920 km² (740 mi²), approximately, of which about 830 km² (320 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1941-47, annual maximums, 1958-60, 1961 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder, concrete control since Dec. 23 1965. Datum of gage is 757.72 m (2,485.97 ft) above sea level. October 1940 to September 1947, water-stage recorder at site 14 m (45 ft) upstream at datum 2.91 m (9.55 ft) higher. Nov. 22, 1957, to Sept. 30, 1960, crest-stage gage with lowest recording stage of 3.05 m (10.00 ft), Oct. 1, 1960, to Apr. 5, 1961, non-recording gage, and Apr. 6, 1961, to Sept. 26, 1974, water-stage recorder at site 14 m (45 ft) upstream, present datum.

REMARKS.--Natural flow affected by irrigation development above station and since Sept. 5, 1961, by storage in Hugh Butler Lake (station 06837390).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 1,270 m³/s (45,000 ft³/s) June 1, 1935, gage height, 10.2 m (33.45 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 850 m³/s (30,000 ft³/s) June 22, 1947, gage height, 9.74 m (31.95 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1935	06/01/35	1270	(45000)	2,7	10.2	(33.45)	--
1941	06/10/41	37.4	(1320)	--	6.72	(22.04)	--
1942	04/18/42	50.7	(1790)	--	7.28	(23.90)	--
1943	07/03/43	8.5	(300)	--	4.75	(15.60)	--
1944	07/31/44	50.4	(1780)	--	6.75	(22.13)	--
1945	06/05/45	88.4	(3120)	--	7.40	(24.28)	--
1946	05/29/46	77.3	(2730)	--	7.14	(23.44)	--
1947	06/22/47	850	(30000)	--	9.74	(31.95)	--
1958	09/14/58	37.7	(1330)	--	5.13	(16.84)	--
1959	06/19/59	14.2	(500)	--	3.71	(12.16)	--
1960	03/23/60	49.8	(1760)	--	5.80	(19.04)	--
1961	05/19/61	6.74	(238)	--	3.15	(10.35)	--
1962	01/15/62	6.15	(217)	6	3.11	(10.19)	--
1963	05/29/63	3.31	(117)	6	3.16	(10.37)	--
1964	08/05/64	2.69	(95)	6	2.89	(9.49)	--
1965	07/23/65	2.92	(103)	6	2.91	(9.54)	--
1966	07/11/66	2.72	(96)	1, 6	2.96	(9.70)	--
1967	06/23/67	10.4	(368)	6	3.91	(12.83)	--
1968	07/22/68	3.85	(136)	6	3.04	(9.97)	--
1969	05/27/69	8.04	(284)	6	3.63	(11.90)	--
1970	07/03/70	5.27	(186)	6	3.27	(10.73)	--
1971	06/15/71	9.66	(341)	6	3.89	(12.77)	--
1972	06/13/72	3.99	(141)	6	3.10	(10.18)	--
1973	07/09/73	4.70	(166)	6	3.18	(10.43)	--
1974	07/08/74	3.91	(138)	6	3.09	(10.15)	--
1975	08/26/75	4.93	(174)	6	3.14	(10.29)	--

06837500 RED WILLOW CREEK NEAR MCCOOK, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1976	08/25/76	4.53	(160)	6	3.07	(10.06)	--
1977	07/01/77	4.59	(162)	6	3.19	(10.48)	--
1978	06/27/78	6.88	(243)	6	3.50	(11.48)	--
1979	08/09/79	3.85	(136)	6	3.00	(9.83)	--
1980	08/27/80	5.32	(188)	6	3.25	(10.67)	--
1981	07/14/81	3.14	(111)	6	2.87	(9.43)	--
1982	07/11/82	2.97	(105)	6	2.85	(9.34)	--
1983	08/22/83	3.57	(126)	6	2.93	(9.61)	--
1984	07/30/84	2.58	(91)	6	2.79	(9.14)	--
1985	08/28/85	4.39	(155)	6	3.06	(10.03)	--
1986	07/17/86	3.85	(136)	6	3.06	(10.04)	--
1987	07/28/87	3.54	(125)	6	3.00	(9.85)	--
1988	07/19/88	4.08	(144)	6	3.10	(10.16)	--
1989	06/24/89	3.77	(133)	6	3.02	(9.91)	--
1990	08/28/90	5.55	(196)	6	3.24	(10.63)	--
1991	08/20/91	5.61	(198)	6	3.29	(10.81)	--
1992	08/17/92	2.61	(92)	6	2.92	(9.57)	--
1993	07/26/93	3.60	(127)	6	3.05	(10.01)	--

06838000 RED WILLOW CREEK NEAR RED WILLOW, NE

LOCATION.--Lat. 40°14'10", long 100°30'00", in NE1/4 NE1/4 sec.17, T.3 N., R.28 W., Red Willow County, Hydrologic Unit 10250007, at temporary site during bridge construction on left bank 9.1 m (30 ft) below U.S. Highways 6 and 34, 1.3 km (0.8 mi) north of Red Willow and 3.4 km (2.1 mi) upstream from mouth.

DRAINAGE AREA.--2,124 km² (820 mi²), approximately, of which about 1,049 km² (405 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1940 to current year.

GAGE.--Water-stage recorder. Datum of gage is 731.11 m (2,398.64 ft) above sea level. Prior to May 26, 1945, non-recording gage at bridge 1.9 km (1.2 mi) upstream at datum 3.40 m (11.16 ft) higher; May 26, 1945, to Aug. 2, 1974, water-stage recorder at left downstream side of bridge, present datum; Aug. 3, 1974, to June 27, 1980, on right bank at downstream side of bridge, present datum; and June 28, 1980 to May 19, 1992, at left downstream side of bridge, present datum.

REMARKS.--Natural flow affected by irrigation development above station, since Sept. 5, 1961, by storage in Hugh Butler Lake (station 06837390), and since June 1963 by Red Willow Canal which diverts 7.2 km (4.5 mi) above station for irrigation of about 16.79 km² (4,150 acres).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 850 m³/s (30,000 ft³/s) June 24, 1947. gage height, 5.60 (18.36 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1940	06/07/40	35.4	(1250)	--	3.30	(10.83)	5
1941	06/02/41	131	(4610)	--	3.78	(12.40)	5
1942	04/18/42	125	(4400)	--	3.72	(12.20)	5
1943	08/21/43	20.9	(739)	--	3.02	(9.90)	--
1944	07/11/44	81.8	(2890)	2	3.54	(11.60)	5
1945	05/31/45	99.1	(3500)	--	4.58	(15.02)	--
1946	05/30/46	38.5	(1360)	--	4.18	(13.70)	--
1947	06/22/47	850	(30000)	--	5.60	(18.36)	--
1948	06/21/48	419	(14800)	--	5.11	(16.77)	--
1949	06/13/49	45.9	(1620)	--	3.81	(12.50)	--
1950	07/31/50	30.3	(1070)	--	3.66	(12.00)	--
1951	06/08/51	24.2	(854)	--	3.37	(11.07)	--
1952	05/27/52	31.7	(1120)	--	3.63	(11.90)	--
1953	07/11/53	32.9	(1160)	--	3.72	(12.21)	--
1954	08/17/54	32.3	(1140)	--	3.73	(12.23)	--
1955	06/17/55	153	(5400)	--	4.88	(16.00)	--
1956	07/05/56	83.3	(2940)	--	4.75	(15.57)	--
1957	05/14/57	111	(3930)	--	4.56	(14.97)	--
1958	09/14/58	24.3	(858)	--	3.32	(10.89)	--
1959	05/20/59	14.0	(496)	--	2.72	(8.93)	--
1960	03/22/60	66.6	(2350)	--	4.29	(14.07)	--
1961	05/21/61	20.1	(709)	--	3.02	(9.91)	--
1962	07/18/62	62.6	(2210)	6	4.22	(13.86)	--
1963	07/15/63	17.0	(600)	6	2.75	(9.03)	--
1964	08/20/64	5.66	(200)	6	1.92	(6.30)	--
1965	07/05/65	9.01	(318)	6	2.23	(7.32)	--
1966	07/28/66	9.43	(333)	6	2.27	(7.44)	--
1967	06/21/67	36.0	(1270)	6	3.66	(12.00)	--
1968	08/04/68	15.1	(533)	6	2.74	(8.98)	--
1969	07/25/69	25.1	(887)	6	3.21	(10.53)	--
1970	06/12/70	4.76	(168)	6	1.89	(6.19)	--

06838000 RED WILLOW CREEK NEAR RED WILLOW, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Haeight</i> <i>Code</i>
1971	06/09/71	15.6	(550)	6	2.85	(9.35)	--
1972	06/18/72	3.85	(136)	6	1.76	(5.76)	--
1973	05/26/73	15.2	(535)	6	2.91	(9.56)	--
1974	06/09/74	8.81	(311)	6	2.47	(8.11)	--
1975	06/09/75	6.74	(238)	6	2.25	(7.38)	--
1976	06/23/76	2.58	(91)	6	1.58	(5.17)	--
1977	08/25/77	5.38	(190)	6	2.12	(6.97)	--
1978	06/27/78	4.56	(161)	6	2.03	(6.67)	--
1979	07/28/79	23.2	(820)	6	3.33	(10.92)	--
1980	08/10/80	7.62	(269)	6	2.35	(7.71)	--
1981	08/06/81	25.5	(901)	6	3.42	(11.22)	--
1982	08/04/82	4.62	(163)	6	1.98	(6.48)	--
1983	05/12/83	2.44	(86)	6	1.55	(5.10)	--
1984	09/17/84	1.98	(70)	6	1.45	(4.77)	2
1985	06/26/85	7.05	(249)	6	2.37	(7.77)	--
1986	06/04/86	7.39	(261)	6	2.44	(8.02)	--
1987	06/11/87	3.09	(109)	6	1.79	(5.87)	--
1988	08/13/88	13.8	(489)	6	3.35	(10.98)	--
1989	06/25/89	8.58	(303)	6	2.65	(8.70)	--
1990	08/30/90	3.09	(109)	6	1.92	(6.29)	--
1991	08/23/91	3.17	(112)	6	1.90	(6.23)	--
1992	08/07/92	6.71	(237)	6	2.83	(9.29)	--
1993	07/27/93	8.58	(303)	6	3.23	(10.61)	--

06838200 COON CREEK AT INDIANOLA, NE

LOCATION.--Lat. 40°14'03", long 100°25'37", in NW1/4 NE1/4 sec.13, T.3 N., R.28 W., Red Willow County, Hydrologic Unit 10250004, on downstream side of bridge on U.S. Highways 6 and 34, 0.8 km (0.5 mi) west of Indianola.

DRAINAGE AREA.--179 km² (69 mi²), furnished by Corps of Engineer.

PERIOD OF RECORD.--1961 to 1993 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 722.38 m (2,370 ft) above sea level. Lowest recording stage, since May 22, 1974, is 0.69 m (2.25 ft). Prior to March 6, 1967, lowest recording stage was 1.37 m (4.50 ft). From March 6, 1967, until May 14, 1971, lowest recording stage was 1.35 m (4.44 ft). From May 14, 1971, until May 22, 1974, lowest recording stage was 1.33 m (4.36 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 25.5 m³/s (900 ft³/s) June 24, 1968. gage height, 2.27 m (7.46 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1961	05/21/61	21.2	(750)	--	2.18	(7.14)	--
1962	08/03/62	11.9	(420)	--	1.94	(6.35)	--
1963	05/30/63	6.8	(240)	--	1.63	(5.35)	--
1964	07/18/64	8.78	(310)	--	1.81	(5.95)	--
1965	06/12/65	6.51	(230)	--	1.60	(5.25)	--
1966	07/28/66	9.06	(320)	--	1.83	(6.00)	--
1967	07/08/67	8.64	(305)	--	1.80	(5.89)	--
1968	06/24/68	25.5	(900)	--	2.27	(7.46)	--
1969	07/25/69	1.42	(50)	2	--	--	--
1970	07/26/70	8.78	(310)	--	1.83	(5.99)	--
1971	05/11/71	2.12	(75.)	2	--	--	--
1972	06/18/72	0.566	(20)	2	--	--	--
1973	07/20/73	.566	(20)	2	--	--	--
1974	06/09/74	4.39	(155)	--	1.28	(4.20)	--
1975	06/08/75	5.52	(195)	--	1.43	(4.70)	--
1976	/ /76	≤.01	(≤.5)	--	--	--	4
1977	04/16/77	15.3	(540)	--	2.01	(6.60)	--
1978	08/23/78	≤.01	(≤.5)	4	--	--	4
1979	08/25/79	6.51	(230)	--	1.61	(5.27)	--
1980	/ /80	1.95	(69)	B	--	--	--
1981	08/06/81	6.94	(245)	--	1.66	(5.45)	--
1982	08/14/82	2.12	(75)	--	0.87	(2.84)	--
1983	06/13/83	1.98	(70)	--	.82	(2.69)	--
1984	07/04/84	.28	(10)	--	.85	(2.78)	--
1985	/ /85	.14	(5)	2	--	--	--
1986	/ /86	.14	(5)	--	--	--	--
1987	/ /87	.14	(5)	--	--	--	--
1988	07/19/88	3.96	(140)	--	1.19	(3.90)	--
1989	/ /89	1.42	(50)	--	--	--	--
1990	/ /90	≤.01	(≤.5)	--	--	--	4
1991	/ /91	.14	(5)	--	--	--	--
1992	08/06/92	11.3	(400)	--	1.91	(6.27)	--
1993	03/05/93	8.78	(310)	--	1.81	(5.94)	--

06838550 DRY CREEK AT BARTLEY, NE

LOCATION.--Lat. 40°15'02", long 100°19'02", in SW1/4 SE1/4 sec.1, T.3 N., R.27 W., Red Willow County, Hydrologic Unit 10250004, on downstream side of bridge on U.S. Highways 6 and 34, 0.8 m (0.5 mi) west of Bartley.

DRAINAGE AREA.--109 km² (42 mi²), from topographic map.

PERIOD OF RECORD.--1961 to 1993 (discontinued).

GAGE.--A Porter-Fisher Stage-Rainfall recorder and a 1950 College Park-type crest-stage gage. Lowest recording stage is 2.39 m (7.83 ft). Datum of gage is 707.14 m (2,320 ft) above sea level. The datum of the crest-stage gage was raised 0.115 m (0.38 ft) on Apr. 12, 1963. A 0.567 m (1.86 ft) section of the gage pipe was removed on May 1, 1964, and the indicator was raised by this amount, but the datum of Apr. 12, 1963 was maintained. All gages are referenced at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 20.2 m³/s (712 ft³/s) June 12, 1965, gage height, 3.20 m (10.50 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1961	05/21/61	8.92	(315)	--	2.47	(8.09)	--
1962	08/03/62	11.9	(420)	--	2.68	(8.78)	--
1963	09/21/63	17.0	(600)	--	2.87	(9.43)	--
1964	03/19/64	3.54	(125)	--	2.09	(6.86)	--
1965	06/12/65	20.2	(712)	--	3.20	(10.50)	--
1966	07/28/66	6.51	(230)	--	3.04	(9.97)	--
1967	07/08/67	6.80	(240)	--	3.08	(10.11)	--
1968	06/24/68	5.81	(205)	--	2.90	(9.51)	--
1969	07/25/69	8.35	(295)	--	3.39	(11.12)	--
1970	07/26/70	6.94	(245)	--	3.16	(10.38)	--
1971	05/11/71	5.78	(204)	--	2.88	(9.46)	--
1972	06/18/72	0.42	(15)	2	--	--	--
1973	07/20/73	.28	(10)	2	--	--	--
1974	06/09/74	7.36	(260)	--	3.20	(10.50)	--
1975	06/19/75	7.93	(280)	--	3.32	(10.90)	--
1976	06/23/76	17.9	(633)	--	3.80	(12.48)	--
1977	05/21/77	10.5	(370)	--	3.54	(11.63)	--
1978	03/11/78	4.96	(175)	--	2.72	(8.91)	--
1979	08/25/79	9.35	(330)	--	3.53	(11.58)	--
1980	/ /80	1.95	(69)	B	--	--	--
1981	07/03/81	8.07	(285)	--	3.33	(10.93)	--
1982	07/14/82	.26	(9)	2	--	--	--
1983	06/13/83	5.66	(200)	--	2.86	(9.37)	--
1984	08/30/84	.14	(5)	2	--	--	--
1985	/ /85	.14	(5)	2	--	--	--
1986	/ /86	.14	(5)	--	--	--	--
1987	/ /87	.14	(5)	--	--	--	--
1988	/ /88	.14	(5)	--	--	--	--
1989	06/25/89	2.55	(90)	--	2.23	(7.30)	--
1990	/ /90	≤.01	(≤.5)	--	--	--	--
1991	/ /91	.14	(5)	--	--	--	--
1992	08/06/92	1.00	(60)	--	2.93	(9.60)	--
1993	03/05/93	.28	(10)	--	2.79	(9.16)	--

06839000 MEDICINE CREEK AT MAYWOOD, NE

LOCATION.--Lat. 40°39'23", long 100°36'41", in NE1/4 NE1/4 sec.21, T.8 N., R.29 W., Frontier County, Hydrologic Unit 10250008, on right bank 47 m (150 ft) downstream from bridge on county road, 0.4 km (0.25 mi) east of Maywood, and 8 km (5 mi) upstream from Brushy Creek.

DRAINAGE AREA.--598 km² (231 mi²), of which about 205 km² (79 mi²) contributes directly to surface runoff. Furnished by the Corps of Engineers.

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 796.88 m (2,614.44 ft) above sea level. Lowest recording stage is 0.09 m (0.3 ft). Original gage was a Type-A wire-weight gage on downstream guardrail of the highway bridge. Datum was lowered 0.378 m (1.24 ft) on Aug. 20, 1951 to present datum, but corrections were applied prior to that date so that all records have been published to the same datum. From Aug. 21, 1951 to Oct. 2, 1958, water-stage recorder. Station discontinued as a recording gage Oct. 2, 1958 and all equipment removed from the shelter. Station reestablishment as a partial record crest-stage station Mar. 1, 1960.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 75.0 m³/s (2,650 ft³/s) July 17, 1962, gage height, 3.22 m (10.55 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	05/20/51	60.0 (2120)	--	--	--
1952	08/01/52	9.88 (349)	--	1.76 (5.78)	--
1953	03/14/53	1.50 (53)	--	0.64 (2.09)	2
1954	05/15/54	8.21 (290)	--	1.64 (5.38)	2
1955	06/17/55	5.24 (185)	--	1.28 (4.21)	--
1956	07/05/56	8.89 (314)	--	1.75 (5.73)	--
1957	04/22/57	6.80 (240)	--	1.56 (5.12)	--
1958	07/20/58	5.07 (179)	--	1.27 (4.18)	--
1960	03/21/60	13.3 (470)	--	2.15 (7.05)	--
1961	/ /61	1.70 (60)	2	--	--
1962	07/17/62	75.0 (2650)	--	3.22 (10.55)	--
1963	06/02/63	10.8 (380)	--	1.94 (6.35)	--
1964	04/20/64	3.23 (114)	--	.91 (3.00)	--
1965	04/03/65	11.5 (405)	--	2.00 (6.55)	--
1966	06/08/66	3.23 (114)	--	.91 (3.00)	--
1967	06/05/67	33.7 (1190)	--	2.71 (8.90)	--
1968	08/10/68	5.95 (210)	--	1.37 (4.50)	--
1969	06/10/69	15.3 (540)	--	2.29 (7.50)	--
1970	06/11/70	4.59 (162)	--	1.14 (3.75)	--
1971	05/11/71	2.55 (90)	--	.79 (2.60)	--
1972	05/12/72	5.38 (190)	--	1.25 (4.10)	--
1973	07/19/73	2.41 (85)	--	.76 (2.50)	--
1974	06/09/74	2.83 (100)	--	.91 (3.00)	--
1975	06/08/75	5.30 (187)	--	1.25 (4.10)	--
1976	06/23/76	5.10 (180)	--	1.22 (4.00)	--
1977	//77	≤.01 (≤.5)	--	--	4
1978	03/11/78	5.66 (200)	--	1.31 (4.29)	--

06839200 ELKHORN CANYON NEAR MAYWOOD, NE

LOCATION.--Lat. 40°36'10", long 100°42'02", in NE1/4 SW1/4 sec.2, T.7 N., R.30 W., Frontier County, Hydrologic Unit 10250008, on tree on left bank, 3 m (10 ft) downstream from bridge, 7.2 km (4.5 mi) upstream from Brushy creek, and 10 km (6 mi) southwest of Maywood.

DRAINAGE AREA.--17.5 km² (6.74 mi²), from topographic map.

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 847.34 m (2,780 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 95.4 m³/s (3,370 ft³/s) June 10, 1969, gage height, 5.79 m (19.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	08/01/52	3.06 (108)	--	3.41 (11.20)	--
1953	08/10/53	9.18 (324)	--	4.42 (14.50)	--
1954	08/08/54	3.74 (132)	--	3.55 (11.64)	--
1955	06/16/55	4.59 (162)	--	3.69 (12.10)	--
1956	07/05/56	34.6 (1220)	--	5.32 (17.44)	--
1957	05/12/57	25.5 (900)	--	5.16 (16.93)	--
1958	07/20/58	4.13 (146)	--	3.62 (11.88)	--
1959	05/19/59	4.02 (142)	--	3.60 (11.81)	--
1960	03/19/60	6.51 (230)	--	4.00 (13.11)	--
1961	07/26/61	9.63 (340)	--	4.46 (14.62)	--
1962	07/01/62	35.4 (1250)	--	5.32 (17.47)	--
1963	09/20/63	37.7 (1330)	--	5.36 (17.58)	--
1964	08/20/64	29.5 (1040)	--	5.24 (17.20)	--
1965	04/03/65	3.31 (117)	--	3.47 (11.37)	--
1966	07/28/66	3.54 (125)	--	3.49 (11.46)	--
1967	06/21/67	54.4 (1920)	--	5.57 (18.29)	--
1968	04/22/68	4.81 (170)	--	3.72 (12.22)	--
1969	06/10/69	95.4 (3370)	--	5.79 (19.00)	--
1970	06/11/70	1.76 (62)	--	3.14 (10.31)	--
1971	06/13/71	0.45 (16)	--	2.74 (9.00)	--
1972	05/12/72	1.36 (48)	--	3.05 (10.00)	--
1973	07/19/73	.82 (29)	--	2.90 (9.50)	--
1974	06/09/74	1.64 (58)	--	3.12 (10.24)	--
1975	06/21/75	3.68 (130)	--	3.53 (11.59)	--
1976	06/23/76	2.41 (85)	--	3.29 (10.78)	--
1977	/ /77	≤.01 (≤.5)	--	-- --	4
1978	05/29/78	3.88 (137)	--	3.56 (11.69)	--

06839400 ELKHORN CANYON SOUTHWEST OF MAYWOOD, NE

LOCATION.--Lat. 40°37'21", long 100°38'58", in SE1/4 NE1/4 sec.31, T.8 N., R.29 W., Frontier County, Hydrologic Unit 10250008, at county road bridge, 4.8 km (3.0 mi) southwest of Maywood and 0.8 km (0.5 mi) above Brushy Creek.

DRAINAGE AREA.--34.2 km² (13.2 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 813.82 m (2,670.0 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to Feb. 20, 1963, lowest recording stage was 2.84 m (9.33 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 245 m³/s (8,660 ft³/s) July 5, 1956, gage height, 8.08 m (26.50 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	08/01/52	1.13 (40)	--	2.77 (9.10)	--
1953	08/10/53	12.6 (446)	--	3.69 (12.10)	--
1954	08/08/54	3.12 (110)	--	3.26 (10.69)	--
1955	06/16/55	3.68 (130)	--	3.32 (10.90)	--
1956	07/05/56	245 (8660)	--	8.08 (26.50)	--
1957	04/22/57	34.6 (1220)	--	4.84 (15.88)	--
1958	07/20/58	5.95 (210)	--	3.56 (11.68)	--
1959	05/19/59	1.98 (70)	--	3.05 (10.01)	--
1960	03/19/60	6.23 (220)	--	3.61 (11.86)	--
1961	07/26/61	6.51 (230)	--	3.63 (11.91)	--
1962	07/01/62	69.4 (2450)	--	5.65 (18.54)	--
1963	09/20/63	57.8 (2040)	--	5.56 (18.23)	--
1964	08/20/64	35.7 (1260)	--	4.89 (16.03)	--
1965	05/24/65	14.2 (500)	--	4.08 (13.39)	--
1966	07/28/66	6.23 (220)	--	3.61 (11.85)	--
1967	06/21/67	120 (4250)	--	6.88 (22.58)	--
1968	04/22/68	7.65 (270)	--	3.72 (12.22)	--
1969	06/10/69	133 (4680)	--	7.05 (23.13)	--
1970	06/11/70	6.37 (225)	--	3.64 (11.93)	--

06839500 BRUSHY CREEK NEAR MAYWOOD, NE

LOCATION.--Lat. 40°37'51", long 100°37'47", in SW1/4 SW1/4 sec.28, T.8 N., R.29 W., Frontier County, Hydrologic Unit 10250008, 128 m (420 ft) downstream from bridge on U.S. Highway 83, 3.2 km (2 mi) south of Maywood, 4.0 km (2.5 mi) upstream from Frazier Creek, and 8 km (5 mi) upstream from mouth.

DRAINAGE AREA.--246 km² (95 mi²), of which about 186 km² (72 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1951 to 1976 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 801.74 m (2630.37 ft) above sea level. Original gage a wire-weight gage on the upstream guardrail of the highway bridge. Datum was lowered 0.055 m (0.18 ft) on Aug. 9, 1951 to present datum, but corrections were applied prior to Aug. 9, 1951 so that all records have been published at same datum. Aug. 14, 1951 to Oct. 2, 1951, weekly water-stage recorder; Oct. 3, 1951 to Sept. 30, 1958, continuous water-stage recorder. Station discontinued Oct. 1, 1958, and all equipment removed from the shelter. Re-established as a partial record, crest-stage station Mar. 1, 1960.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1874, 1,980 m³/s (70,000 ft³/s) June 21, 1947, gage height, 7.28 m (23.90 ft). Maximum discharge since 1906, 538m³/s (19,000 ft³/s) June 1, 1935, gage height, 7.28 m (23.90 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 202 m³/s (7,140 ft³/s) June 21, 1967, gage height, 6.59 m (21.63 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1935	06/01/35	538	(19000)	2, 7	7.28	(23.90)	--
1947	06/21/47	1980	(70000)	2, 7	9.27	(30.40)	--
1951	09/02/51	64.3	(2270)	--	4.89	(16.04)	--
1952	07/31/52	13.8	(486)	--	2.06	(6.76)	--
1953	08/10/53	10.5	(369)	--	2.33	(7.65)	--
1954	05/15/54	38.2	(1350)	--	3.72	(12.20)	--
1955	05/18/55	5.41	(191)	--	1.72	(5.64)	--
1956	07/05/56	149	(5250)	--	5.92	(19.41)	--
1957	04/22/57	124	(4390)	--	5.74	(18.82)	--
1958	07/19/58	26.0	(918)	--	3.54	(11.61)	--
1960	03/20/60	60.9	(2150)	--	4.42	(14.50)	--
1961	07/26/61	8.92	(315)	--	2.23	(7.30)	--
1962	07/17/62	133	(4700)	--	5.91	(19.40)	--
1963	09/21/63	66.6	(2350)	--	4.57	(15.00)	--
1964	08/20/64	48.7	(1720)	--	4.07	(13.35)	--
1965	06/12/65	20.4	(720)	--	2.96	(9.70)	--
1966	08/13/66	1.98	(70)	--	1.37	(4.50)	--
1967	06/21/67	202	(7140)	--	6.59	(21.63)	--
1968	04/22/68	28.3	(1000)	--	3.35	(11.00)	--
1969	06/10/69	195	(6900)	--	6.56	(21.51)	--
1970	06/11/70	1.98	(70)	--	1.37	(4.50)	--
1971	06/13/71	8.50	(300)	--	2.19	(7.20)	--
1972	05/12/72	19.3	(680)	--	2.90	(9.50)	--
1973	07/19/73	0.85	(30)	--	1.13	(3.70)	--
1974	06/09/74	.37	(13)	--	0.91	(3.00)	--
1975	06/21/75	17.3	(610)	--	2.79	(9.16)	--
1976	07/14/76	5.38	(190)	--	1.87	(6.14)	--

06839600 FRAZIER CREEK NEAR MAYWOOD, NE

LOCATION.--Lat. 40°35'05", long 100°37'46", in SE1/4 SE1/4 sec.8, T.7 N., R.29 W., Frontier County, Hydrologic Unit 10250008, at box culvert on U.S. Highway 83, 8.0 km (5.0 mi) south of Maywood and 8.9 km (5.5 mi) upstream from Brushy Creek.

DRAINAGE AREA.--29.32 km² (11.32 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 829.67 m (2,722.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to April 6, 1961, lowest recording stage was 2.44 m (8.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 317 m³/s (11,200 ft³/s) July 5, 1956.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	07/14/52	1.90	(67)	--	--	--	--
1953	08/10/53	9.71	(343)	--	--	--	--
1954	08/08/54	7.36	(260)	--	--	--	--
1955	08/09/55	16.8	(594)	--	--	--	--
1956	07/05/56	317	(11200)	--	--	--	--
1957	04/22/57	50.7	(1790)	--	--	--	--
1958	07/20/58	24.4	(860)	--	--	--	--
1959	05/19/59	5.10	(180)	--	3.56	(11.68)	--
1960	03/19/60	9.43	(333)	--	4.05	(13.28)	--
1961	07/20/61	46.2	(1630)	--	4.65	(15.25)	--
1962	07/01/62	42.5	(1500)	--	4.96	(16.28)	--
1963	09/20/63	49.0	(1730)	--	5.23	(17.17)	--
1964	04/20/64	13.0	(460)	--	4.29	(14.09)	--
1965	05/24/65	10.8	(380)	--	4.11	(13.48)	--
1966	08/13/66	12.5	(440)	--	4.22	(13.85)	--
1967	06/21/67	265	(9370)	--	8.70	(28.55)	--
1968	04/22/68	2.83	(100)	2	--	--	--
1969	06/10/69	118	(4150)	--	5.58	(18.32)	--
1970	06/11/70	12.5	(440)	--	4.29	(14.08)	--

06839700 FRAZIER CREEK TRIBUTARY NEAR MAYWOOD, NE

LOCATION.--Lat. 40°35'32", long 100°37'46", in SE1/4 NE1/4 sec.8, T.7 N., R.29 W., Frontier County, Hydrologic Unit 10250008, at box culvert on U.S. Highway 83, 7.2 km (4.5 mi) south of Maywood.

DRAINAGE AREA.--1.86 km² (0.72 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 20.7 m³/s (731 ft³/s) June 21, 1967. gage height, 4.01 m (13.15 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	07/14/52	0.60	(21)	--	3.08	(10.10)	--
1953	/ /53	≤.01	(≤.5)	--	--	--	--
1954	08/08/54	.42	(15)	--	3.01	(9.88)	--
1955	06/15/55	1.98	(70)	--	3.30	(10.82)	--
1956	07/05/56	13.7	(483)	--	3.51	(11.53)	--
1957	07/07/57	7.36	(260)	--	3.48	(11.43)	--
1958	07/20/58	4.25	(150)	2	3.76	(12.33)	1
1959	05/19/59	1.13	(40)	2	3.21	(10.53)	--
1960	03/19/60	4.81	(170)	--	3.44	(11.27)	--
1961	06/14/61	.42	(15)	2	--	--	--
1962	07/01/62	1.42	(50)	2	3.69	(12.10)	--
1963	06/02/63	1.70	(60)	2	3.90	(12.78)	--
1964	04/20/64	.85	(30)	2	3.56	(11.68)	--
1965	04/03/65	1.13	(40)	2	3.42	(11.22)	--
1966	08/13/66	1.7	(60)	2	--	--	--
1967	06/21/67	20.7	(731)	--	4.01	(13.15)	--
1968	04/22/68	.42	(15)	2	--	--	--
1969	06/10/69	1.70	(60)	--	3.92	(12.86)	--
1970	06/11/70	.42	(15)	2	--	--	--
1971	06/13/71	.42	(15)	2	--	--	--
1972	/ /72	≤.01	(≤.5)	--	--	--	--
1973	/ /73	≤.01	(≤.5)	--	--	--	--
1974	/ /74	≤.01	(≤.5)	--	--	--	--
1975	/ /75	≤.01	(≤.5)	--	--	--	--
1976	/ /76	≤.01	(≤.5)	--	--	--	--
1977	/ /77	≤.01	(≤.5)	--	--	--	--
1978	/ /78	≤.01	(≤.5)	--	--	--	--

06839800 FOX CREEK (SITE NO. 1) NEAR CURTIS, NE

LOCATION.--Lat. 40°51'15", long 100°30'45", in NE1/4 NE1/4 sec.9, T.10 N., R.28 W., Lincoln County, Hydrologic Unit 10250008, in channel, 25.7 km (16 mi) north of Curtis and 27 km (17 mi) above Medicine Creek.

DRAINAGE AREA.--18.05 km² (6.97 mi²).

PERIOD OF RECORD.--1952 to 1960 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft). Prior to June 21, 1956, lowest recording stage was 2.74 m (9.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 84.4 m³/s (2,980 ft³/s) May 19, 1959, gage height, 3.91 m (12.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	07/13/52	0.08 (3)	--	--	--
1953	/ /53	≤.01 (≤.5)	--	--	--
1954	08/17/54	2.95 (104)	--	--	--
1955	06/27/55	2.07 (73)	--	--	--
1957	08/27/57	28.3 (1000)	--	4.16 (13.64)	--
1958	07/18/58	7.79 (275)	--	3.44 (11.28)	--
1959	05/19/59	84.4 (2980)	--	3.91 (12.83)	--
1960	03/19/60	1.76 (62)	--	3.22 (10.56)	--

06839850 FOX CREEK NORTH OF CURTIS, NE

LOCATION.--Lat. 40°49'35", long 100°31'06", in NE1/4 NW1/4 sec.21, T.10 N., R.28 W., Lincoln County, Hydrologic Unit 10250008, at timber bridge, 21.7 km (13.5 mi) north of Curtis, and 28.2 km (17.5 mi) above Medicine Creek.

DRAINAGE AREA.--35.74 km² (13.8 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 841.25 m (2,760.00 ft) above sea level. Lowest recording stage, since April 12, 1963, is 3.05 m (10.00 ft). Prior to Feb. 23, 1961, lowest recording stage was 2.85 m (9.36 ft). From Feb. 23, 1961, until April 12, 1963, lowest recording stage was 3.23 m (10.6 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 58.9 m³/s (2,080 ft³/s) May 19, 1959.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	07/13/52	0.06 (2)	--	--	--
1953	/ /53	≤.01 (≤.5)	--	--	--
1954	08/17/54	2.83 (100)	--	--	--
1955	/ /55	≤.01 (≤.5)	--	--	--
1956	05/27/56	11.9 (420)	--	--	--
1957	08/27/57	37.4 (1320)	--	--	--
1958	06/18/58	.28 (10)	--	--	--
1959	05/19/59	58.9 (2080)	--	--	--
1960	03/20/60	17.0 (600)	--	--	--
1961	06/14/61	17.8 (630)	--	3.45 (11.33)	--
1962	06/08/62	34.3 (1210)	--	3.84 (12.60)	--
1963	07/08/63	.68 (24)	--	2.73 (8.97)	--
1964	06/06/64	3.23 (114)	--	3.06 (10.05)	--
1965	04/03/65	3.03 (107)	--	3.05 (10.00)	--
1966	08/13/66	6.32 (223)	--	3.19 (10.46)	--
1967	06/05/67	29.5 (1040)	--	3.72 (12.22)	--
1968	08/10/68	4.73 (167)	--	3.14 (10.30)	--
1969	03/17/69	1.56 (55)	--	2.90 (9.51)	--
1970	06/11/70	.28 (10)	2	--	--

06839900 FOX CREEK ABOVE CUT CANYON NEAR CURTIS, NE

LOCATION.--Lat. 40°44'40", long 100°31'52", in SE1/4 SE1/4 sec.17, T.9 N., R.28 W., Lincoln County, Hydrologic Unit 10250008, at timber bridge, 13 km (8 mi) north of Curtis, 13.7 km (8.5 mi) above Medicine Creek and 10 km (6 mi) below ME-6.

DRAINAGE AREA.--82.4 km² (31.8 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 804.67 m (2640 ft) above sea level. Lowest recording stage, since April 17, 1963, is 3.05 m (10.00 ft). The gage and datum were raised 0.229 m (0.75 ft) on Apr. 8, 1960. The bridge was repaired in the spring of 1963 and on Apr. 17, 1963 the gage was moved from the downstream end of the left pier to the downstream end of the right pier. The gage and datum were lowered 0.244 m (0.8 ft) on Apr. 17, 1963 which is 0.15 m (0.5 ft) lower than the original datum. Prior to April 8, 1960, lowest recording stage was 3.06 m (10.05 ft). From April 8, 1960, until April 17, 1963, lowest recording stage was 3.29 m (10.80 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 79.6 m³/s (2,810 ft³/s) May 20, 1951, gage height, 7.01 m (23.00 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1951	05/20/51	79.6 (2810)	--	7.01 (23.00)	--
1952	07/14/52	15.9 (560)	--	4.39 (14.40)	--
1953	08/10/53	4.81 (170)	--	3.49 (11.45)	--
1954	08/18/54	4.25 (150)	--	3.46 (11.35)	--
1955	05/25/55	6.51 (230)	--	3.65 (11.98)	--
1956	05/27/56	21.8 (770)	--	4.82 (15.82)	--
1957	08/27/57	37.9 (1340)	--	5.95 (19.53)	--
1958	09/19/58	2.55 (90)	--	3.29 (10.79)	--
1959	05/19/59	38.8 (1370)	--	5.98 (19.63)	--
1960	03/20/60	12.2 (432)	--	4.14 (13.57)	--
1961	//61	1.42 (50)	2	-- --	--
1962	06/16/62	19.5 (690)	--	4.67 (15.32)	--
1963	06/02/63	13.6 (480)	--	4.23 (13.88)	--
1964	04/20/64	4.53 (160)	--	3.48 (11.41)	--
1965	07/05/65	3.82 (135)	--	3.40 (11.17)	--
1966	08/13/66	6.60 (233)	--	3.66 (12.02)	--
1967	06/05/67	55.5 (1960)	--	6.61 (21.69)	--
1968	08/10/68	10.1 (356)	--	3.95 (12.95)	--
1969	06/25/69	5.95 (210)	--	3.60 (11.82)	--
1970	06/11/70	0.28 (10)	2	-- --	--
1971	07/05/71	5.95 (210)	--	3.61 (11.83)	--
1972	10/17/71	3.96 (140)	--	3.43 (11.24)	--
1973	07/19/73	.28 (10)	2	-- --	--
1974	06/09/74	.28 (10)	2	-- --	--
1975	06/21/75	11.2 (395)	--	4.04 (13.26)	--
1976	07/14/76	9.35 (330)	--	3.90 (12.79)	--
1977	05/22/77	1.70 (60)	--	3.21 (10.52)	--
1978	03/11/78	15.6 (550)	--	4.38 (14.37)	--

06839950 CUT CANYON NEAR CURTIS, NE

LOCATION.--Lat. 40°43'39", long 100°32'10", in NE1/4 NW1/4 sec.29, T.9 N., R.28 W., Lincoln County, Hydrologic Unit 10250008, at timber bridge 10.1 km (6.3 mi) north of Curtis, and 1.0 km (0.6 mi) above Fox Creek.

DRAINAGE AREA.--66.3 km² (25.6 mi²).

PERIOD OF RECORD.--1951 to 1978 (discontinued).

GAGE.--College Park-type crest-stage gage. Datum of gage is 800.10 m (2625 ft) above sea level. Lowest recording stage is 3.35 m (11.00 ft). Prior to May 6, 1975, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 44.2 m³/s (1,560 ft³/s) July 14, 1952, gage height, 5.97 m (19.60 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/21/51	27.6 (976)	--	5.18 (17.00)	--
1952	07/14/52	44.2 (1560)	--	5.97 (19.60)	--
1953	08/10/53	0.31 (11)	--	-- --	--
1954	06/13/54	11.2 (395)	--	4.27 (14.00)	--
1955	05/25/55	29.5 (1040)	--	5.28 (17.31)	--
1956	07/05/56	3.12 (110)	--	3.59 (11.77)	--
1957	08/27/57	6.63 (234)	--	3.93 (12.89)	--
1958	07/18/58	3.4 (120)	--	3.62 (11.87)	--
1959	05/19/59	14.6 (515)	--	4.48 (14.70)	--
1960	03/20/60	7.65 (270)	--	4.02 (13.19)	--
1961	09/20/61	7.36 (260)	--	3.99 (13.08)	--
1962	07/17/62	30.3 (1070)	--	5.31 (17.41)	--
1963	06/02/63	26.7 (943)	--	5.28 (17.32)	--
1964	07/18/64	9.06 (320)	--	4.13 (13.56)	--
1965	07/05/65	7.99 (282)	--	4.04 (13.25)	--
1966	07/14/66	7.22 (255)	--	3.98 (13.05)	--
1967	06/05/67	23.2 (820)	--	5.07 (16.62)	--
1968	08/10/68	7.65 (270)	--	4.02 (13.18)	--
1969	06/25/69	8.07 (285)	--	4.04 (13.25)	--
1970	06/11/70	.20 (7)	2	-- --	--
1971	07/05/71	9.35 (330)	--	4.15 (13.63)	--
1972	10/17/71	4.39 (155)	--	3.72 (12.20)	--
1973	07/19/73	4.53 (160)	--	3.73 (12.25)	--
1974	06/09/74	3.54 (125)	--	3.62 (11.88)	--
1975	06/21/75	14.4 (510)	--	4.51 (14.81)	--
1976	07/14/76	13.9 (490)	--	4.48 (14.70)	--
1977	05/22/77	8.78 (310)	--	4.11 (13.47)	--
1978	07/20/78	17.3 (610)	--	4.69 (15.39)	--

***06840000 FOX CREEK AT CURTIS, NE**

LOCATION.--Lat. 40°39'09", long 100°30'30", in NW1/4 NW1/4 sec.21, T.8 N., R.28 W., Frontier County, Hydrologic Unit 10250008, on right bank of creek, 2.6 km (1.6 mi) north of Curtis, 0.8 km (0.5 mi) east of Curtis Cemetery, 4.3 km (2.7 mi) upstream from mouth and 3.7 km (2.3 mi) above former gage site.

DRAINAGE AREA.--188 km² (72.6 mi²) at crest stage site, 192 km² (74.3 mi²) at complete recording station 3.7 km² (2.3 mi) downstream.

PERIOD OF RECORD.--1951-58, 1961-70, 1978 to current year.

GAGE.--Water-stage recorder 1951-58, 1971 to current year; crest-stage gage, August 1960 to September 1970. Datum of gage is 777.24 m (2,550 ft) above sea level. Lowest recording stage of crest-stage gage is 2.68 m (8.78 ft). Prior to April 8, 1965, lowest recording stage of crest-stage gage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 94.6 m³/s (3,340 ft³/s), May 31, 1951.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1951	05/31/51	94.6 (3340)	--	--	--
1952	07/14/52	9.57 (338)	--	--	--
1953	08/11/53	2.10 (74)	--	--	--
1954	05/16/54	22.0 (777)	--	--	--
1955	05/26/55	20.5 (724)	--	--	--
1956	05/27/56	11.2 (395)	--	--	2
1957	08/28/57	34.3 (1210)	--	--	2
1958	09/19/58	10.6 (375)	--	--	2
1961	09/20/61	4.81 (170)	--	3.18 (10.44)	--
1962	07/17/62	42.2 (1490)	--	5.99 (19.66)	--
1963	06/02/63	40.8 (1440)	--	5.86 (19.23)	--
1964	04/20/64	10.2 (360)	--	3.56 (11.68)	--
1965	06/12/65	18.4 (650)	--	4.06 (13.32)	--
1966	08/13/66	10.3 (365)	--	3.56 (11.67)	--
1967	06/05/67	44.7 (1580)	--	6.20 (20.35)	--
1968	08/10/68	25.2 (890)	--	4.56 (14.95)	--
1969	06/25/69	20.8 (735)	--	4.21 (13.82)	--
1970	06/11/70	0.57 (20)	2	--	--
1978	07/20/78	9.77 (345)	--	2.74 (9.00)	--
1979	07/28/79	27.4 (966)	--	3.62 (11.87)	--
1980	02/20/80	8.98 (317)	--	2.52 (8.27)	--
1981	07/02/81	14.2 (500)	--	3.59 (11.78)	1
1982	06/25/82	3.12 (110)	--	1.97 (6.45)	1
1983	07/27/83	1.27 (45)	--	1.53 (5.03)	--
1984	06/12/84	22.1 (782)	--	3.74 (12.30)	--
1985	02/16/85	.82 (29)	--	1.40 (4.61)	--
1986	07/10/86	.65 (23)	--	1.55 (5.08)	--
1987	07/18/87	19.0 (672)	--	3.58 (11.75)	--
1988	07/18/88	2.01 (71)	--	1.90 (6.22)	--
1989	08/27/89	16.2 (573)	--	3.43 (11.24)	--
1990	08/15/90	12.9 (454)	--	3.15 (10.33)	--
1991	05/23/91	36.2 (1280)	--	4.52 (14.84)	--
1992	08/03/92	1.33 (47)	--	1.64 (5.38)	--
1993	07/11/93	68.5 (2420)	--	5.68 (18.65)	--

06840500 DRY CREEK NEAR CURTIS, NE

LOCATION.--Lat. 40°38'34", long 100°26'42", in SW1/4 SE1/4 sec.24, T.8 N., R.28 W., Frontier County, Hydrologic Unit 10250008, on left bank 3 m (10 ft) upstream from county road bridge, 5.6 km (3.5 mi) upstream from mouth, and 5.6 km (3.5 mi) east of Curtis.

DRAINAGE AREA.--52 km² (20.0 mi²).

PERIOD OF RECORD.--1951-58; 1960 to 1970 (discontinued).

GAGE.--Water-stage recorder, 1951-58; Crest-stage gage, 1960-70. Datum of gage is 776.69 m (2548.21 ft) above sea level. Lowest recording stage of crest-stage gage is 0.94 m (3.1 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1874, 733 m³/s (25,900 ft³/s) June 21, 1947, gage height, 8.44 m (27.70 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 125 m³/s (4,430 ft³/s), June 8, 1951, gage height, 4.01 m (13.15 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/21/47	733	(25900)	7	8.44	(27.70)	--
1951	06/08/51	125	(4430)	--	4.01	(13.15)	--
1952	08/11/52	5.83	(206)	--	1.42	(4.67)	--
1953	08/10/53	9.29	(328)	--	1.80	(5.90)	--
1954	05/15/54	13.5	(478)	--	1.90	(6.22)	--
1955	06/16/55	4.19	(148)	--	1.52	(5.00)	--
1956	07/05/56	38.2	(1350)	--	2.88	(9.44)	--
1957	05/13/57	98.8	(3490)	--	3.61	(11.84)	--
1958	07/18/58	12.8	(453)	--	2.23	(7.32)	--
1960	06/21/60	20.7	(730)	--	2.44	(8.00)	--
1961	07/26/61	18.4	(650)	--	2.38	(7.80)	--
1962	06/16/62	93.7	(3310)	--	5.01	(16.44)	--
1963	06/02/63	92.9	(3280)	--	4.99	(16.38)	--
1964	09/01/64	55.5	(1960)	--	4.32	(14.19)	--
1965	06/12/65	11.9	(420)	--	2.65	(8.70)	--
1966	08/13/66	5.66	(200)	2	--	--	--
1967	06/15/67	30.3	(1070)	--	3.69	(12.10)	--
1968	08/10/68	4.24	(150)	2	--	--	--
1969	06/10/69	51.8	(1830)	--	4.24	(13.91)	--
1970	06/11/70	11.9	(420)	--	2.68	(8.79)	--

06841000 MEDICINE CREEK ABOVE HARRY STRUNK LAKE, NE

LOCATION.--Lat. 40°30'10", long 100°19'20", in SW1/4 sec.7, T.6 N., R.26 W., Frontier County, Hydrologic Unit 10250008, on right bank 0.5 km (0.3 mi) downstream from top of Harry Strunk Lake flood-control pool, 4.0 km (2.5 mi) upstream from top of irrigation pool, 6.1 km (3.8 mi) southeast of Stockville, 21.7 km (13.5 mi) upstream from Medicine Creek Dam, and at kilometer 41.2 (mile 25.6).

DRAINAGE AREA.--1,990 km² (770 mi²), approximately, of which about 1,370 km² (530 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1950 to current year. Prior to October 1950, published as "above Medicine Creek Reservoir."

GAGE.--Water-stage recorder. Concrete control since November 1950. Datum of gage is 725.71 m (2,380.94 ft) above sea level. (Bureau of Reclamation bench mark).

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1874, 7.44 m (24.40 ft) June 22, 1947, from floodmark, discharge not determined..

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 329 m³/s (11,600 ft³/s), June 21, 1967, gage height, 6.11 m (20.05 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/22/47	--	--	7	7.44	(24.40)	--
1950	07/26/50	85.8	(3030)	--	2.38	(7.80)	--
1951	05/21/51	309	(10900)	--	4.32	(14.17)	--
1952	07/14/52	22.8	(806)	--	1.62	(5.30)	--
1953	07/12/53	96.9	(3420)	--	2.54	(8.32)	--
1954	05/16/54	38.2	(1350)	--	2.00	(6.55)	--
1955	06/17/55	37.1	(1310)	--	2.16	(7.07)	--
1956	07/12/56	60.3	(2130)	--	3.18	(10.43)	--
1957	05/13/57	317	(11200)	--	5.93	(19.45)	--
1958	07/21/58	36.0	(1270)	--	2.40	(7.89)	--
1959	05/20/59	37.7	(1330)	--	2.43	(7.96)	--
1960	03/22/60	90.9	(3210)	--	3.83	(12.57)	--
1961	05/21/61	26.3	(930)	--	2.22	(7.30)	--
1962	06/17/62	254	(8980)	--	5.72	(18.78)	--
1963	06/02/63	152	(5380)	--	5.17	(16.99)	--
1964	06/07/64	137	(4830)	--	4.77	(15.65)	--
1965	06/05/65	39.6	(1400)	--	2.62	(8.60)	--
1966	08/13/66	93.2	(3290)	--	4.18	(13.72)	--
1967	06/21/67	329	(11600)	--	6.11	(20.05)	--
1968	06/25/68	55.5	(1960)	--	3.67	(12.03)	--
1969	06/11/69	276	(9750)	--	5.89	(19.33)	--
1970	06/12/70	13.2	(465)	--	2.01	(6.58)	--
1971	06/13/71	23.0	(812)	--	2.52	(8.26)	--
1972	06/03/72	51.5	(1820)	--	3.56	(11.69)	--
1973	05/26/73	62.6	(2210)	--	3.83	(12.58)	--
1974	06/09/74	9.20	(325)	--	1.76	(5.77)	--
1975	06/21/75	44.5	(1570)	--	3.36	(11.03)	--

06841000 MEDICINE CREEK ABOVE HARRY STRUNK LAKE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1976	06/24/76	9.37 (331)	--	1.78 (5.85)	--
1977	04/16/77	62.3 (2200)	--	3.83 (12.56)	--
1978	04/09/78	24.4 (863)	--	2.58 (8.47)	2
1979	07/04/79	103 (3640)	--	4.81 (15.77)	--
1980	02/21/80	28.3 (1000)	1, 2, 9	3.89 (12.77)	1
1981	08/06/81	58.9 (2080)	--	4.08 (13.37)	--
1982	06/25/82	10.1 (356)	--	2.12 (6.97)	--
1983	05/17/83	7.02 (248)	--	1.91 (6.27)	--
1984	07/04/84	38.5 (1360)	--	3.91 (12.83)	--
1985	05/ /85	5.66 (200)	2	-- --	--
1986	06/04/86	19.8 (699)	--	2.84 (9.30)	--
1987	06/11/87	12.5 (440)	--	2.58 (8.45)	--
1988	08/13/88	42.2 (1490)	--	4.62 (15.17)	--
1989	06/25/89	26.1 (920)	--	3.74 (12.26)	--
1990	08/15/90	9.63 (340)	--	2.45 (8.04)	--
1991	05/23/91	20.4 (720)	--	3.32 (10.88)	--
1992	08/07/92	14.9 (526)	--	3.14 (10.30)	--
1993	07/12/93	51.5 (1820)	--	4.98 (16.35)	--

06841500 MITCHELL CREEK ABOVE HARRY STRUNK LAKE, NE

LOCATION.--Lat. 40°28'20", long 100°15'25", in NW1/4 SE1/4 sec.22, T.6 N., R.26 W., Frontier County, Hydrologic Unit 10250008, on left bank 122 km (400 ft) southwest of house on Ralph Tridle farm, 4.0 km (2.5 mi) southwest of Orafino, 12.1 km (7.5 mi) southeast of Stockville, 15.3 km (9.5 mi) upstream from Medicine Creek Dam, and 22.5 km (14.0 mi) northwest of Cambridge.

DRAINAGE AREA.--135 km² (52 mi²).

PERIOD OF RECORD.--1950 to 1974 (discontinued). Prior to October 1950, published as "above Medicine Creek Reservoir."

GAGE.--Water-stage recorder. Datum of gage is 724.49 m (2376.95 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum stage since at least 1888, 8.53 m (28.00 ft) June 21 1946, discharge not determined..

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 148 m³/s (5,230 ft³/s), May 20, 1951, gage height, 5.29 m (17.35 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1948	06/21/48	--	--	--	8.53	(28.00)	--
1950	07/04/50	6.23	(220)	--	1.93	(6.33)	--
1951	05/20/51	148	(5230)	--	5.29	(17.35)	--
1952	08/11/52	3.14	(111)	--	1.73	(5.67)	--
1953	07/13/53	3.94	(139)	--	1.80	(5.91)	--
1954	05/16/54	45.9	(1620)	--	4.07	(13.34)	--
1955	06/17/55	23.1	(814)	--	2.95	(9.67)	--
1956	06/18/56	12.5	(442)	--	2.36	(7.75)	--
1957	06/16/57	44.5	(1570)	--	3.94	(12.93)	--
1958	03/28/58	3.40	(120)	--	1.75	(5.73)	--
1959	05/20/59	8.67	(306)	--	2.08	(6.82)	--
1960	05/19/60	94.9	(3350)	--	4.88	(16.00)	--
1961	08/18/61	6.68	(236)	--	2.01	(6.61)	--
1962	06/16/62	140	(4960)	--	6.08	(19.94)	--
1963	06/02/63	68.0	(2400)	--	4.82	(15.80)	--
1964	09/01/64	15.3	(540)	--	2.24	(7.35)	--
1965	06/05/65	13.1	(462)	--	2.14	(7.01)	--
1966	08/13/66	37.4	(1320)	--	3.55	(11.64)	--
1967	07/08/67	35.1	(1240)	--	3.38	(11.10)	--
1968	08/28/68	0.79	(28)	--	1.33	(4.35)	--
1969	06/11/69	36.8	(1300)	--	3.50	(11.47)	--
1970	06/12/70	16.2	(572)	--	2.29	(7.51)	--
1971	08/19/71	7.02	(248)	--	1.89	(6.21)	--
1972	06/04/72	6.80	(240)	--	1.88	(6.18)	--
1973	05/26/73	12.9	(454)	--	2.13	(6.98)	--
1974	06/10/74	.65	(23)	--	1.30	(4.26)	--

06842500 MEDICINE CREEK BELOW HARRY STRUNK LAKE, NE

LOCATION.--Lat. 40°22'20", long 100°13'20", at center of sec.25, T.5 N., R.26 W., Frontier County, Hydrologic Unit 10250008, on right bank 0.8 km (0.5 mi) downstream from Medicine Creek Dam, 10.5 km (6.5 mi) northwest of Cambridge, and at kilometer 17.4 (mile 10.8).

DRAINAGE AREA.--2,331 km² (900 mi²), approximately, of which about 1,696 km² (655 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1950 to current year. Prior to October 1950, published as "below Medicine Creek Dam." Monthly discharge only for some periods, published in WSP 1730.

GAGE.--Water-stage recorder. Concrete control since August 1950. Datum of gage is 699.60 m (2,295.26 ft) above sea level. (Bureau of Reclamation bench mark). Prior to Apr. 24, 1950, non-recording gage at site 0.8 km (0.5 mi) upstream at different datum.

REMARKS.--Flow regulated by Harry Strunk Lake (station 06842000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36.8 m³/s (1,300 ft³/s) Mar. 23, 1960, gage height, 1.82 m (5.97 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	05/28/50	1.39	(49.0)	6	0.71	(2.32)	--
1951	09/02/51	23.2	(818)	6	1.58	(5.17)	--
1952	08/10/52	3.85	(136)	6	.68	(2.24)	2
1953	07/31/53	5.75	(203)	6	.82	(2.70)	--
1954	07/21/54	9.40	(332)	6	.91	(3.00)	--
1955	06/23/55	15.3	(540)	6	1.23	(4.05)	--
1956	07/28/56	8.78	(310)	6	.90	(2.97)	--
1957	05/16/57	21.1	(746)	6	1.28	(4.20)	2
1958	08/05/58	9.12	(322)	6	.91	(3.00)	--
1959	07/11/59	9.74	(344)	6	.94	(3.11)	--
1960	03/23/60	36.8	(1300)	6	1.82	(5.97)	--
1961	07/18/61	8.78	(310)	6	.92	(3.02)	--
1962	06/17/62	24.7	(871)	6	1.42	(4.67)	--
1963	06/06/63	16.7	(590)	6	1.07	(3.50)	--
1964	06/09/64	14.8	(522)	6	1.02	(3.33)	--
1965	05/25/65	14.8	(522)	6	1.02	(3.36)	--
1966	07/14/66	9.74	(344)	1, 6	.94	(3.09)	--
1967	06/22/67	15.1	(533)	1, 6	1.04	(3.42)	--
1968	07/21/68	11.4	(404)	6	.95	(3.11)	--
1969	06/26/69	16.7	(590)	6	1.07	(3.50)	--
1970	07/10/70	12.0	(425)	6	.96	(3.15)	--
1971	07/21/71	10.4	(368)	6	.94	(3.10)	--
1972	07/13/72	10.4	(368)	6	.93	(3.05)	--
1973	05/30/73	16.9	(596)	6	1.03	(3.39)	--
1974	07/04/74	11.8	(415)	6	.93	(3.06)	2
1975	07/09/75	12.9	(455)	6	.98	(3.20)	--
1976	07/14/76	12.2	(430)	6	.96	(3.16)	--
1977	07/19/77	9.43	(333)	6	.92	(3.02)	--
1978	07/05/78	12.2	(430)	6	.96	(3.14)	--
1979	08/07/79	10.3	(362)	6	.93	(3.05)	--
1980	07/09/80	10.1	(356)	6	.94	(3.07)	--

06842500 MEDICINE CREEK BELOW HARRY STRUNK LAKE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	07/13/81	10.9	(386)	6	0.92	(3.02)	--
1982	07/21/82	8.78	(310)	6	.88	(2.89)	--
1983	08/10/83	6.97	(246)	6	.84	(2.77)	--
1984	07/25/84	8.41	(297)	6	.88	(2.89)	--
1985	07/10/85	9.15	(323)	6	.89	(2.91)	--
1986	07/16/86	9.60	(339)	6	.90	(2.94)	--
1987	07/27/87	9.68	(342)	6	.93	(3.05)	--
1988	08/02/88	12.0	(424)	6	.94	(3.08)	--
1989	07/10/89	10.1	(357)	6	.92	(3.03)	--
1990	08/27/90	10.0	(355)	6	.89	(2.91)	2
1991	08/19/91	11.0	(389)	6	.91	(2.99)	--
1992	07/19/92	6.77	(239)	6	.77	(2.53)	--
1993	07/27/93	16.1	(570)	6	1.00	(3.27)	--

06843000 MEDICINE CREEK AT CAMBRIDGE, NE

LOCATION.--Lat. 40°17'55", long 100°10'35", in northeast corner of NE1/4 SE1/4 sec.19, T.4 N., R.25 W., Furnas County, Hydrologic Unit 10250008, on left bank 15 m (50 ft) west of centerline of county road, 30 m (100 ft) upstream from county road bridge, 1.6 km (1.0 mi) northwest of Cambridge, 3.5 km (2.2 mi) upstream from mouth and 12 km (7.5 mi) downstream from Medicine Creek flood-control area.

DRAINAGE AREA.--2,350 km² (909 mi²).

PERIOD OF RECORD.--1948 to 1957 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 684.04 m (2,244.21 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 3,400 m³/s (120,000 ft³/s) June 22, 1947.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,090 m³/s (38,600 ft³/s) June 21, 1948, gage height, 6.83 m (22.42 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	06/02/37	52.7	(1860)	7	--	--	--
1938	07/02/38	62.0	(2190)	7	--	--	--
1939	06/20/39	204	(7200)	7	--	--	--
1940	06/07/40	276	(9740)	7	--	--	--
1941	05/20/41	276	(9740)	7	--	--	--
1942	04/19/42	425	(15000)	7	--	--	--
1943	09/03/43	124	(4390)	7	--	--	--
1945	06/05/45	416	(14700)	7	--	--	--
1946	05/30/46	88.1	(3110)	7	--	--	--
1947	06/22/47	3400	(120000)	7	--	--	--
1948	06/21/48	1090	(38600)	--	6.83	(22.42)	--
1949	07/09/49	23.6	(833)	--	2.29	(7.50)	2
1950	08/06/50	17.4	(614)	6	2.07	(6.80)	--
1951	09/02/51	38.5	(1360)	6	2.72	(8.94)	--
1952	07/13/52	16.1	(570)	6	1.80	(5.90)	--
1953	05/28/53	55.2	(1950)	6	3.35	(11.00)	--
1954	07/22/54	8.84	(312)	6	1.58	(5.18)	--
1955	06/23/55	16.1	(570)	6	1.98	(6.49)	--
1956	07/29/56	8.67	(306)	6	1.54	(5.04)	--
1957	06/16/57	26.5	(936)	6	2.51	(8.23)	--

06843500 REPUBLICAN RIVER AT CAMBRIDGE, NE

LOCATION.--Lat. 40°17'05", long 100°08'35", in NW1/4 SE1/4 sec.28, T.4 N., R.25 W., Furnas County, Hydrologic Unit 10250004, on left bank 122 km (400 ft) south of U.S. Highways 6 and 34, 0.8 km (0.5 mi) downstream from Medicine Creek, 1.6 km (1 mi) east of Cambridge, 2.1 km (1.3 mi) upstream from Cambridge diversion dam, and at kilometer 507 (mile 315).

DRAINAGE AREA.--37,450 km² (14,460 mi²), approximately, of which about 20,150 km² (7,780 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 682.47 m (2,239.07 ft) above sea level. Prior to July 13, 1948, non-recording gage at site 47 m (150 ft) upstream at same datum and July 13, 1948, to Sept. 25, 1950, at present datum.

REMARKS.--Natural flow affected by irrigation development above station and since 1949 by regulation from upstream reservoirs.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1870, 7,930 m³/s (280,000 ft³/s) May 31 to June 1, 1935, gage height, 5.36 m (17.60 ft); stage is maximum since at least 1826, from information by local resident.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,530 m³/s (160,000 ft³/s) June 22, 1947, gage height, 5.09 m (16.70 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1935	06/01/35	7930	(280000)	2, 5, 7	5.36	(17.60)	--
1946	07/03/46	510	(18000)	2, 5	3.05	(10.00)	--
1947	06/22/47	4530	(160000)	5	5.09	(16.70)	--
1948	06/21/48	1420	(50000)	2, 5	4.27	(14.00)	--
1949	06/18/49	229	(8080)	5	2.16	(7.10)	2
1950	08/07/50	219	(7750)	6	2.20	(7.20)	2
1951	09/04/51	312	(11000)	6	2.14	(7.02)	2
1952	05/09/52	44.7	(1580)	6	1.58	(5.17)	--
1953	05/28/53	63.7	(2250)	6	1.80	(5.92)	--
1954	08/18/54	30.0	(1060)	6	1.62	(5.33)	--
1955	06/17/55	147	(5200)	6	2.30	(7.55)	--
1956	07/06/56	112	(3960)	6	2.28	(7.48)	--
1957	05/25/57	162	(5720)	6	2.52	(8.25)	2
1958	07/21/58	68.5	(2420)	6	1.97	(6.45)	2
1959	05/20/59	43.3	(1530)	6	1.72	(5.65)	2
1960	03/22/60	257	(9080)	6	2.85	(9.35)	--
1961	05/21/61	99.7	(3520)	6	2.25	(7.39)	--
1962	06/08/62	227	(8000)	6	2.84	(9.32)	--
1963	06/18/63	65.1	(2300)	6	2.16	(7.09)	--
1964	08/20/64	81.8	(2890)	6	2.32	(7.60)	--
1965	06/13/65	215	(7600)	6	2.82	(9.24)	--
1966	10/19/65	55.2	(1950)	6	2.07	(6.79)	--
1967	06/21/67	94.9	(3350)	6	2.32	(7.62)	--
1968	08/29/68	59.5	(2100)	6	2.10	(6.90)	--
1969	05/21/69	186	(6560)	6	2.83	(9.28)	--
1970	06/12/70	44.2	(1560)	6	1.91	(6.28)	--
1971	06/09/71	41.9	(1480)	6	1.93	(6.32)	--
1972	06/18/72	59.8	(2110)	6	2.10	(6.89)	--
1973	06/05/73	31.4	(1110)	6	1.78	(5.83)	2
1974	06/09/74	147	(5200)	6	2.54	(8.35)	--
1975	06/20/75	98.0	(3460)	6	2.50	(8.19)	--

06843500 REPUBLICAN RIVER AT CAMBRIDGE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	06/23/76	48.4	(1710)	6	2.06	(6.76)	--
1977	05/22/77	127	(4480)	6	2.60	(8.52)	--
1978	03/12/78	42.5	(1500)	6	1.91	(6.28)	--
1979	07/28/79	35.1	(1240)	6	1.95	(6.40)	--
1980	08/11/80	38.5	(1360)	6	1.87	(6.13)	--
1981	07/19/81	54.9	(1940)	6	2.09	(6.85)	--
1982	08/15/82	31.7	(1120)	6	1.78	(5.84)	--
1983	06/13/83	62.9	(2220)	6	2.33	(7.65)	--
1984	06/18/84	27.1	(957)	6	1.76	(5.78)	--
1985	06/26/85	45.6	(1610)	6	2.04	(6.71)	--
1986	06/05/86	10.9	(384)	6	1.42	(4.65)	--
1987	05/03/87	32.9	(1160)	6	1.87	(6.13)	--
1988	07/19/88	39.6	(1400)	6	2.01	(6.59)	--
1989	07/01/89	30.6	(1080)	6	1.85	(6.07)	--
1990	05/19/90	26.3	(930)	6	1.78	(5.83)	--
1991	08/20/91	10.9	(384)	6	1.34	(4.38)	2
1992	08/05/92	30.0	(1060)	6	1.87	(6.14)	--
1993	07/24/93	55.2	(1950)	6	2.26	(7.43)	--

06844000 MUDDY CREEK AT ARAPAHOE, NE

LOCATION.--Lat. 40°18'20", long 99°54'40", in NW1/4 NW1/4 sec.22, T.4 N., R.23 W., Furnas County, Hydrologic Unit 10250009, on left bank 3 m (10 ft) upstream from bridge on U.S. Highways 6 and 34, 0.3 km (0.2 mi) west of Arapahoe, and 3.7 km (2.3 mi) upstream from mouth.

DRAINAGE AREA.--637 km² (246 mi²)

PERIOD OF RECORD.--1951-72, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 653.47 m (2,143.92 ft) above sea level. December 1950 to Jan. 11, 1951, non-recording gage, and Jan. 12, 1951, to Sept. 30, 1972, recording gage at site on left bank 6.1 m (20 ft) downstream from bridge at present datum.

REMARKS.--Natural flow affected by irrigation development above station and return flow from irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 306 m³/s (10,800 ft³/s) May 8, 1986, gage height, 8.81 m (28.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1947	06/22/47	--		--	9.45	(31.00)	--
1951	05/21/51	137	(4840)	--	6.21	(20.38)	--
1952	08/11/52	61.7	(2180)	--	4.28	(14.05)	--
1953	05/28/53	21.2	(748)	--	3.18	(10.44)	--
1954	05/16/54	95.1	(3360)	--	5.79	(19.00)	--
1955	06/17/55	18.9	(669)	--	3.38	(11.09)	--
1956	06/18/56	6.77	(239)	--	2.44	(8.02)	--
1957	06/16/57	206	(7280)	--	7.50	(24.62)	--
1958	07/19/58	19.1	(676)	--	3.65	(11.97)	--
1959	05/26/59	7.22	(255)	--	2.54	(8.34)	--
1960	03/22/60	73.6	(2600)	--	6.04	(19.80)	--
1961	05/21/61	18.3	(645)	--	3.66	(12.00)	--
1962	06/08/62	83.5	(2950)	--	6.71	(22.00)	--
1963	06/02/63	39.1	(1380)	--	5.03	(16.50)	--
1964	07/07/64	21.6	(762)	--	4.21	(13.81)	--
1965	05/26/65	81.8	(2890)	--	6.68	(21.90)	--
1966	02/09/66	67.1	(2370)	--	6.26	(20.53)	--
1967	06/15/67	103	(3650)	--	7.19	(23.60)	--
1968	08/10/68	32.6	(1150)	--	4.56	(14.95)	--
1969	09/19/69	125	(4420)	--	7.44	(24.44)	--
1970	06/12/70	25.6	(904)	--	4.08	(13.40)	--
1971	08/13/71	7.11	(251)	--	2.44	(8.01)	--
1972	05/23/72	4.90	(173)	--	2.15	(7.04)	--
1978	03/13/78	10.4	(369)	--	2.91	(9.54)	--
1979	07/28/79	52.4	(1850)	--	5.33	(17.50)	--
1980	02/21/80	19.7	(697)	--	3.20	(10.49)	--
1981	08/06/81	24.7	(871)	--	3.76	(12.34)	--
1982	08/15/82	8.55	(302)	--	2.40	(7.88)	--
1983	08/23/83	37.7	(1330)	--	4.54	(14.89)	--
1984	07/04/84	9.49	(335)	--	2.49	(8.18)	--
1985	06/26/85	18.1	(640)	--	3.37	(11.06)	--

06844000 MUDDY CREEK AT ARAPAHOE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	05/08/86	306	10800)	--	8.81	(28.90)	--
1987	06/10/87	7.22	(255)	--	2.97	(9.75)	--
1988	08/13/88	48.7	(1720)	--	5.64	(18.50)	--
1989	06/25/89	159	(5610)	--	7.80	(25.60)	--
1990	05/19/90	26.3	(928)	--	4.43	(14.53)	--
1991	06/02/91	12.6	(445)	--	3.16	(10.38)	--
1992	07/23/92	3.57	(126)	--	2.06	(6.75)	--
1993	07/24/93	69.1	(2440)	--	6.13	(20.10)	--

06844210 TURKEY CREEK AT EDISON, NE

LOCATION.--Lat. 40°16'15", long 99°44'00", in the center of sec.31, T.4 N., R.21 W., Furnas County, Hydrologic Unit 10250009, on left bank 3 m (10 ft) downstream from bridge on State Highway 136, 3.2 km (2 mi) east of Edison and 4.3 km (2.7 mi) upstream from mouth.

DRAINAGE AREA.--194 km² (74.9 mi²).

PERIOD OF RECORD.--1978 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 637.03 m (2,090 ft) above sea level (from topographic map).

REMARKS.-- Natural flow affected by irrigation development above station and by return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 29.5 m³/s (1,040 ft³/s) July 27, 1993, gage height, 4.35 m (14.28 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1978	08/02/78	3.03	(107)	--	1.74	(5.70)	--
1979	07/27/79	15.4	(545)	--	2.98	(9.76)	--
1980	07/02/80	8.64	(305)	--	2.42	(7.95)	--
1981	07/18/81	22.4	(790)	--	3.64	(11.95)	--
1982	06/15/82	3.00	(106)	--	1.72	(5.64)	--
1983	06/13/83	14.2	(500)	--	3.07	(10.07)	--
1984	07/06/84	1.05	(37)	--	1.24	(4.06)	--
1985	07/19/85	9.54	(337)	--	2.67	(8.76)	--
1986	07/27/86	13.0	(460)	--	2.97	(9.74)	--
1987	06/29/87	22.2	(783)	--	3.82	(12.52)	--
1988	07/16/88	9.18	(324)	--	2.61	(8.57)	--
1989	06/25/89	22.5	(795)	--	3.94	(12.91)	--
1990	05/19/90	17.3	(610)	--	3.41	(11.20)	--
1991	05/24/91	2.61	(92)	--	1.65	(5.41)	--
1992	07/23/92	3.60	(127)	--	1.84	(6.03)	--
1993	07/27/93	29.5	(1040)	--	4.35	(14.28)	--

06844500 REPUBLICAN RIVER NEAR ORLEANS, NE

LOCATION.--Lat. 40°07'53", long 99°30'08", in NE1/4 NE1/4 sec.19, T.2 N., R.19 W., Harlan County, Hydrologic Unit 10250009, on right bank 5.5 m (18 ft) downstream from bridge on State Highway 89, 61 m (200 ft) from Burlington Northern Inc. bridge, 3.2 km (2 mi) west of Orleans, 4.5 km (2.8 mi) upstream from Sappa Creek, 37 km (23 mi) upstream from Harlan County Dam, and at kilometer 422 (mile 262).

DRAINAGE AREA.--40,350 km² (15,580 mi²), approximately, of which about 23,000 km² (8,880 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--October, 1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 601.24 m (1,972.57 ft) above sea level. Prior to June 2, 1948, non-recording gage at present site and datum.

REMARKS.--Natural flow affected by irrigation development above station and regulation by upstream reservoirs.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum flood occurred June 1, 1935 (Stage and discharge not determined). Maximum discharge, approximately 4,110 m³/s (145,000 ft³/s) June 23, 1947, gage height, 4.27 m (14.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1150 m³/s (40600 ft³/s) June 22, 1948, gage height, 3.43 m (11.25 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1935	06/01/35	--	--	7	--	--	--
1947	06/23/47	4110	(145000)	2, 5, 7	4.27	(14.00)	--
1948	06/22/48	1150	(40600)	5	3.43	(11.25)	--
1949	06/18/49	153	(5410)	5	2.84	(9.32)	2
1950	07/27/50	172	(6080)	6	2.87	(9.43)	--
1951	05/21/51	329	(11600)	6	3.55	(11.65)	--
1952	07/14/52	92.3	(3260)	6	2.56	(8.41)	--
1953	05/28/53	146	(5160)	6	2.65	(8.69)	--
1954	05/16/54	66.0	(2330)	6	2.37	(7.78)	--
1955	06/18/55	146	(5160)	6	2.98	(9.76)	--
1956	06/20/56	68.0	(2400)	6	2.53	(8.31)	--
1957	06/17/57	348	(12300)	6	3.67	(12.04)	--
1958	07/23/58	60.6	(2140)	6	2.27	(7.45)	2
1959	03/01/59	62.3	(2200)	2, 6	--	--	2
1960	03/22/60	283	(10000)	2, 6	3.84	(12.60)	1
1961	05/22/61	184	(6510)	6	3.41	(11.20)	--
1962	06/10/62	178	(6280)	6	3.44	(11.29)	--
1963	09/22/63	64.0	(2260)	6	2.33	(7.63)	2
1964	08/20/64	102	(3600)	6	2.76	(9.07)	--
1965	05/27/65	204	(7200)	6	3.52	(11.54)	--
1966	10/18/65	152	(5350)	6	3.26	(10.68)	--
1967	06/21/67	254	(8960)	6	3.57	(11.71)	--
1968	08/30/68	35.1	(1240)	6	1.88	(6.15)	2
1969	05/22/69	143	(5060)	6	3.10	(10.17)	--
1970	06/13/70	43.9	(1550)	6	2.02	(6.64)	--

06844500 REPUBLICAN RIVER NEAR ORLEANS, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	05/11/71	35.4	(1250)	6	1.88	(6.16)	--
1972	06/20/72	43.3	(1530)	6	1.93	(6.33)	--
1973	07/19/73	66.8	(2360)	6	2.36	(7.73)	--
1974	06/10/74	88.4	(3120)	6	2.50	(8.22)	--
1975	06/21/75	161	(5680)	6	3.19	(10.48)	--
1976	04/09/76	68.8	(2430)	6	2.24	(7.35)	--
1977	05/23/77	128	(4520)	6	2.92	(9.58)	--
1978	03/14/78	56.6	(2000)	6	--	--	1
1979	07/29/79	69.1	(2440)	6	2.24	(7.36)	--
1980	02/24/80	28.3	(1000)	2, 6, 9	1.90	(6.22)	--
1981	08/07/81	60.6	(2140)	6	2.16	(7.10)	--
1982	02/19/82	24.1	(850)	6	1.64	(5.37)	1
1983	06/13/83	148	(5220)	6	3.13	(10.28)	--
1984	05/19/84	27.4	(968)	6	1.53	(5.03)	--
1985	06/27/85	43.0	(1520)	6	1.88	(6.18)	--
1986	05/10/86	170	(5990)	6	3.34	(10.97)	--
1987	05/04/87	38.2	(1350)	6	1.68	(5.50)	--
1988	08/14/88	60.9	(2150)	6	2.17	(7.13)	--
1989	06/27/89	92.6	(3270)	6	2.58	(8.48)	--
1990	05/20/90	54.9	(1940)	6	2.07	(6.80)	--
1991	06/03/91	14.6	(514)	6	1.20	(3.92)	--
1992	08/07/92	15.2	(538)	6	1.33	(4.35)	--
1993	07/28/93	148	(5220)	6	3.25	(10.66)	2

06845200 SAPPA CREEK NEAR BEAVER CITY, NE

LOCATION.--Lat. 40°02'45", long 99°53'24", in SW1/4 SW1/4 sec.14, T.1 N., R.23 W., Furnas County, Hydrologic Unit 10250011, on right bank 61 m (200 ft) downstream from bridge on U.S. Highway 283, and 11 km (7.0 mi) southwest of Beaver City, and at kilometer 68.5 (mile 42.6).

DRAINAGE AREA.--3,836 km² (1,481 mi²).

PERIOD OF RECORD.--1937 to 1972 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 656.73 m (2,154.63 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 269 m³/s (9,500 ft³/s) June 23, 1966, gage height, 6.36 m (20.85 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1937	06/03/37	110	(3900)	--	--	--	--
1938	07/16/38	39.1	(1380)	--	--	--	--
1939	05/26/39	45.3	(1600)	--	--	--	--
1940	07/28/40	69.4	(2450)	--	--	--	--
1941	06/10/41	82.4	(2910)	--	--	--	--
1942	08/22/42	47.9	(1690)	--	--	--	--
1943	06/11/43	32.3	(1140)	--	--	--	--
1944	07/17/44	156	(5500)	--	--	--	--
1945	07/01/45	31.7	(1120)	--	--	--	--
1946	07/02/46	44.5	(1570)	--	4.97	(16.31)	--
1947	06/22/47	102	(3600)	--	5.84	(19.16)	--
1948	06/26/48	27.4	(968)	--	4.21	(13.81)	--
1949	06/12/49	53.8	(1900)	--	5.19	(17.04)	--
1950	08/06/50	113	(3990)	--	5.94	(19.50)	--
1951	07/16/51	61.5	(2170)	--	5.29	(17.36)	--
1952	04/30/52	32.0	(1130)	--	4.39	(14.40)	--
1953	05/31/53	32.6	(1150)	--	4.37	(14.34)	--
1954	08/17/54	29.5	(1040)	--	4.44	(14.58)	--
1955	07/09/55	9.01	(318)	--	2.57	(8.43)	--
1956	06/17/56	28.9	(1020)	--	4.32	(14.16)	--
1957	06/16/57	60.3	(2130)	--	5.42	(17.78)	--
1958	08/16/58	26.2	(925)	--	4.07	(13.35)	--
1959	07/16/59	19.2	(677)	--	3.45	(11.31)	--
1960	03/23/60	161	(5690)	--	6.10	(20.03)	--
1961	05/22/61	18.9	(666)	--	3.25	(10.65)	--
1962	07/02/62	32.6	(1150)	--	4.31	(14.14)	--
1963	08/12/63	45.6	(1610)	--	5.04	(16.52)	--
1964	06/21/64	23.4	(826)	--	3.71	(12.18)	--
1965	06/14/65	92.9	(3280)	--	3.20	(10.58)	--
1966	06/23/66	269	(9500)	--	6.36	(20.85)	--
1967	06/15/67	97.7	(3450)	--	5.70	(18.70)	--
1968	08/10/68	10.2	(360)	--	2.70	(8.85)	--
1969	10/18/68	12.1	(427)	--	2.89	(9.47)	--
1970	09/17/70	16.8	(594)	--	3.32	(10.88)	--
1971	04/27/71	5.44	(192)	--	2.36	(7.75)	--
1972	06/20/72	8.50	(300)	2	--	--	--

06847000 BEAVER CREEK NEAR BEAVER CITY, NE

LOCATION.--Lat. 40°07'12", long 99°53'35", in SW1/4 SW1/4 sec.23, T.2 N., R.23 W., Furnas County, Hydrologic Unit 10250014, on left bank 122 m (400 ft) downstream from bridge on U.S. Highway 283, 5.6 km (3.5 mi) west of Beaver City, and at kilometer 41.0 (mile 25.5).

DRAINAGE AREA.--5,387 km² (2,080 mi²) (revised), of which about 4,558 km² (1,760 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1937 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 659.84 m (2,164.84 ft) (corrected from previous figure) above sea level, adjustment if 1988. Prior to Aug. 13, 1947, non-recording gages, and Aug. 13, 1947, to Nov. 14, 1957, water-stage recorder, at site 122 m (400 ft) upstream at datum 0.61 m (2.0 ft) higher. Nov. 15, 1957, to Sept. 22, 1958 at site 5.8 km (3.6 mi) upstream at different datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 269 m³/s (9,510 ft³/s) June 14, 1983, gage height, 4.78 m (15.68 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)	Discharge Code	Gage Height m (ft)	Gage Height Code
1937	08/03/37	47.3 (1670)	--	--	--
1938	07/16/38	15.6 (550)	--	--	--
1939	05/26/39	32.3 (1140)	--	--	--
1940	09/24/40	17.0 (600)	--	--	--
1941	06/08/41	24.1 (850)	--	--	--
1942	08/02/42	41.1 (1450)	--	--	--
1943	04/11/43	14.4 (510)	--	--	--
1944	07/19/44	108 (3800)	--	--	--
1945	07/12/45	7.99 (282)	--	--	--
1946	05/30/46	12.9 (454)	--	--	--
1947	06/22/47	88.9 (3140)	--	--	--
1948	06/23/48	35.1 (1240)	--	3.47 (11.37)	--
1949	05/06/49	45.9 (1620)	--	--	--
1950	07/26/50	68.0 (2400)	--	--	--
1951	07/17/51	68.8 (2430)	--	--	--
1952	05/16/52	22.7 (800)	--	--	--
1953	07/20/53	11.0 (388)	--	--	--
1954	08/17/54	12.8 (451)	--	--	--
1955	07/16/55	0.82 (29)	--	--	--
1956	07/12/56	5.72 (202)	--	--	--
1957	06/16/57	46.4 (1640)	--	--	--
1958	08/21/58	8.21 (290)	--	--	--
1959	06/04/59	5.21 (184)	--	1.34 (4.39)	2
1960	06/13/60	79.6 (2810)	--	3.95 (12.97)	--
1961	06/05/61	20.6 (726)	--	2.80 (9.17)	--
1962	08/08/62	15.1 (532)	--	2.32 (7.60)	--
1963	06/19/63	36.0 (1270)	--	3.51 (11.52)	--
1964	06/14/64	14.0 (494)	--	2.22 (7.28)	--
1965	06/14/65	59.2 (2090)	--	3.80 (12.46)	--
1966	06/23/66	32.9 (1160)	--	3.32 (10.88)	--
1967	06/14/67	12.8 (452)	--	2.23 (7.33)	--
1968	06/25/68	24.1 (85)	--	1.16 (3.81)	--
1969	05/22/69	7.16 (253)	--	1.79 (5.87)	--
1970	06/11/70	5.92 (209)	--	1.73 (5.68)	--

06847000 BEAVER CREEK NEAR BEAVER CITY, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	06/09/71	5.66	(200)	--	1.59	(5.21)	--
1972	06/22/72	2.75	(97)	--	1.26	(4.15)	--
1973	07/27/73	2.12	(75)	--	1.14	(3.74)	--
1974	06/14/74	5.35	(189)	--	1.61	(5.29)	--
1975	06/21/75	6.20	(219)	--	2.03	(6.65)	--
1976	04/08/76	1.16	(41)	--	1.10	(3.61)	--
1977	05/24/77	2.75	(97)	--	1.46	(4.80)	--
1978	03/10/78	0.54	(19)	--	0.88	(2.89)	--
1979	08/27/79	9.35	(330)	--	2.38	(7.80)	--
1980	06/02/80	.45	(16)	--	.83	(2.73)	--
1981	08/01/81	6.57	(232)	--	2.07	(6.80)	--
1982	02/18/82	.48	(17)	--	.88	(2.89)	2
1983	06/14/83	269	(9510)	--	4.78	(15.68)	--
1984	04/21/84	.40	(14)	--	1.06	(3.46)	--
1985	08/13/85	.51	(18)	--	1.08	(3.55)	--
1986	05/09/86	14.6	(515)	--	2.79	(9.14)	--
1987	10/09/86	.76	(27)	--	1.19	(3.91)	--
1988	01/19/88	.28	(10)	--	.98	(3.20)	--
1989	07/09/89	1.25	(44)	--	1.38	(4.53)	--
1990	08/19/90	.51	(18)	--	1.09	(3.58)	--
1991	05/30/91	.34	(12)	--	1.00	(3.29)	2
1992	08/07/92	3.09	(109)	--	1.80	(5.92)	--
1993	03/09/93	2.72	(96)	--	1.74	(5.72)	--

06847500 SAPPA CREEK NEAR STAMFORD, NE

LOCATION.--Lat. 40°07'53", long 99°33'15", in NW1/4 NW1/4 sec.23, T.2 N., R.20 W., Harlan County, Hydrologic Unit 10250011, on left bank 12 m (40 ft) south of Burlington Northern Inc. track, 150 m (500) ft downstream from bridge on county highway, 3.2 km (2 mi) east of Stamford, and 10.5 km (6.5 mi) upstream from mouth.

DRAINAGE AREA.--9,946 km² (3,840 mi²), approximately, of which about 8,728 km² (3,370 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1946 to current year. Monthly discharge only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 603.90 m (1,981.31 ft) above sea level.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 135 m³/s (4,760 ft³/s) July 19, 1944, gage height, 5.49 m (18.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,230 m³/s (43,400 ft³/s) June 24, 1966, gage height, 6.74 m (22.13 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1944	07/19/44	135	(4760)	7	5.49	(18.00)	--
1946	07/06/46	27.4	(968)	--	3.58	(11.74)	--
1947	06/22/47	210	(7430)	--	6.13	(20.10)	--
1948	06/28/48	41.3	(1460)	--	4.05	(13.29)	--
1949	05/09/49	60.0	(2120)	--	4.40	(14.45)	--
1950	08/08/50	93.5	(3300)	--	5.20	(17.07)	--
1951	07/19/51	121	(4260)	--	5.21	(17.10)	--
1952	07/15/52	63.7	(2250)	--	4.56	(14.95)	--
1953	06/02/53	29.7	(1050)	--	3.46	(11.35)	--
1954	08/18/54	25.5	(901)	--	3.40	(11.14)	--
1955	06/19/55	6.23	(220)	--	2.37	(7.77)	--
1956	06/19/56	18.5	(654)	--	2.98	(9.78)	--
1957	06/17/57	86.7	(3060)	--	4.89	(16.03)	--
1958	07/17/58	28.9	(1020)	--	3.40	(11.16)	--
1959	07/17/59	18.0	(637)	--	2.81	(9.23)	2
1960	03/24/60	107	(3780)	--	5.21	(17.08)	--
1961	05/21/61	59.5	(2100)	--	4.34	(14.25)	--
1962	07/02/62	40.5	(1430)	--	3.74	(12.27)	--
1963	08/13/63	66.3	(2340)	--	4.62	(15.16)	--
1964	06/21/64	61.2	(2160)	--	4.34	(14.25)	--
1965	06/17/65	72.8	(2570)	--	4.68	(15.34)	--
1966	06/24/66	1230	(43400)	--	6.74	(22.13)	--
1967	06/16/67	89.8	(3170)	--	5.00	(16.41)	--
1968	08/11/68	16.9	(596)	--	8.56	(8.56)	--
1969	09/05/69	17.7	(625)	--	8.59	(8.59)	2
1970	06/13/70	12.8	(452)	--	7.70	(7.70)	--
1971	04/29/71	6.32	(223)	--	6.06	(6.06)	--
1972	08/04/72	9.35	(330)	--	6.89	(6.89)	--
1973	07/19/73	20.6	(726)	--	10.28	(10.28)	--
1974	06/14/74	6.14	(217)	--	1.98	(6.49)	--
1975	06/27/75	15.9	(562)	--	2.85	(9.35)	--

06847500 SAPPA CREEK NEAR STAMFORD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	04/10/76	1.95	(69)	--	1.42	(4.67)	2
1977	09/03/77	36.2	(1280)	--	3.73	(12.25)	--
1978	03/12/78	4.42	(156)	--	1.76	(5.76)	--
1979	07/28/79	6.37	(225)	--	2.80	(9.18)	--
1980	04/03/80	0.74	(26)	--	1.39	(4.57)	--
1981	08/06/81	1.70	(60)	--	1.88	(6.15)	--
1982	06/27/82	8.21	(290)	--	2.66	(8.71)	--
1983	06/16/83	75.3	(2660)	--	4.84	(15.88)	--
1984	05/20/84	4.28	(151)	--	1.86	(6.10)	--
1985	05/14/85	8.72	(308)	--	2.26	(7.40)	--
1986	07/11/86	15.0	(530)	--	2.82	(9.24)	--
1987	05/06/87	5.75	(203)	--	2.02	(96.61)	--
1988	07/19/88	19.3	(682)	--	3.15	(10.32)	--
1989	05/21/89	6.88	(243)	--	2.05	(6.72)	--
1990	08/03/90	10.1	(356)	--	2.57	(8.44)	--
1991	08/14/91	4.90	(173)	--	1.90	(6.22)	--
1992	08/09/92	8.47	(299)	--	2.63	(8.63)	--
1993	03/09/93	12.5	(440)	--	2.59	(8.50)	1

06849500 REPUBLICAN RIVER BELOW HARLAN COUNTY DAM, NE

LOCATION.--Lat. 40°04'45", long 99°10'05", in SW1/4 sec.6, T.1 N., R.16 W., Franklin County, Hydrologic Unit 10250016, on left bank 22.5 km (14 mi) west of Naponee, 2.3 km (1.4 mi) upstream from Turkey Creek, 4.5 km (2.8 mi) downstream from Harlan County Dam, and at kilometer 377 (mile 234).

DRAINAGE AREA.--53,920 km² (20,820 mi²), approximately, of which about 35,200 km² (13,590 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to current year.

GAGE.--Water-stage recorder. Datum of gage is 567.96 m (1,863.38 ft) above sea level (Corps of Engineers bench mark).

REMARKS.--Flow completely regulated by Harlan County Lake (station 06849000) and partially regulated by six upstream reservoirs.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 7,360 m³/s (260,000 ft³/s) June 1, 1935, maximum since at least 1826.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 122 m³/s (4,320 ft³/s) June 25, 1957, gage height, 2.64 m (8.65 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1953	02/04/53	24.9	(879)	6	1.16	(3.81)	2
1954	07/22/54	10.7	(378)	6	1.07	(3.50)	--
1955	06/04/55	26.4	(932)	6	1.22	(3.99)	--
1956	07/31/56	16.7	(590)	6	1.30	(4.28)	--
1957	06/25/57	122	(4320)	6	2.64	(8.65)	--
1958	04/19/58	52.7	(1860)	6	1.68	(5.52)	--
1959	10/08/58	43.3	(1530)	6	1.59	(5.21)	--
1960	05/16/60	119	(4190)	6	2.34	(7.67)	--
1961	05/16/61	107	(3780)	6	2.22	(7.28)	--
1962	07/11/62	92.6	(3270)	6	2.11	(6.93)	2
1963	08/12/63	55.2	(1950)	6	1.64	(5.38)	--
1964	09/05/64	51.5	(1820)	1, 6	1.50	(4.92)	--
1965	07/11/65	92.9	(3280)	1, 6	2.04	(6.69)	--
1966	11/02/65	119	(4210)	1, 6	2.32	(7.62)	--
1967	07/15/67	99.1	(3500)	1, 6	1.90	(6.23)	--
1968	07/17/68	32.3	(1140)	1, 6	1.12	(3.69)	--
1969	05/29/69	79.6	(2810)	6	1.72	(5.64)	--
1970	03/26/70	60.6	(2140)	6	1.53	(5.01)	--
1971	07/03/71	23.1	(815)	6	1.13	(3.72)	--
1972	07/23/72	20.7	(732)	6	1.08	(3.56)	--
1973	07/13/73	71.9	(2540)	6	1.93	(6.00)	--
1974	07/07/74	28.2	(996)	6	1.19	(3.90)	--
1975	07/21/75	34.0	(1200)	6	1.23	(4.05)	--
1976	06/30/76	27.8	(980)	6	1.15	(3.78)	--
1977	09/03/77	30.6	(1080)	6	1.23	(4.03)	--
1978	07/05/78	25.7	(908)	6	1.09	(3.58)	--
1979	06/23/79	21.7	(765)	6	1.07	(3.50)	--
1980	07/20/80	29.7	(1050)	6	1.30	(4.27)	--
1981	07/03/81	31.4	(1110)	6	1.25	(4.11)	--
1982	05/11/82	104	(3680)	6	2.19	(7.18)	--
1983	06/26/83	50.7	(1790)	6	1.48	(4.84)	--
1984	05/27/84	27.9	(984)	6	1.16	(3.80)	--
1985	05/14/85	24.9	(880)	6	1.09	(3.57)	--

06849500 REPUBLICAN RIVER BELOW HARLAN COUNTY DAM, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	08/02/86	--	--	--	1.08	(3.53)	--
1987	08/07/87	15.2	(537)	6	0.90	(2.95)	--
1988	07/19/88	51.0	(1800)	6	1.45	(4.77)	--
1989	06/21/89	17.4	(615)	6	.88	(2.89)	--
1990	07/04/90	21.8	(770)	6	1.01	(3.32)	--
1991	06/28/91	16.0	(565)	6	.90	(2.96)	--
1992	07/08/92	17.5	(618)	6	.93	(3.04)	--
1993	07/17/93	42.2	(1490)	6	1.39	(4.56)	--

06849600 TURKEY CREEK NEAR HOLDREGE, NE

LOCATION.--Lat. 40°19'33", long 99°22'04", in NW1/4 SW1/4 sec.9, T.4 N., R.18 W., Harlan County, Hydrologic Unit 10250016, on bridge on U.S. Highway 183 about 12.6 km (7.8 mi) south of Holdrege.

DRAINAGE AREA.--59.3 km² (22.9 mi²), of which 50.2 km² (19.4 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1967 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 679.00 m (2,227.69 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Indirect measurements were made for the floods of March 1960 and June 21, 1967.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 24.6 m³/s (870 ft³/s) Mar. 23, 1960, gage height, 4.78 m (15.67 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 49.6 m³/s (1,750 ft³/s) June 21, 1967, gage height, 5.14 m (16.88 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1941	08/23/41	--	--	7	7.13	(23.40)	--
1960	03/23/60	24.6	(870)	7	4.78	(15.67)	--
1967	06/21/67	49.6	(1750)		5.14	(16.88)	--
1968	08/10/68	12.5	(440)	--	4.33	(14.20)	--
1969	07/17/69	40.8	(1440)	--	5.05	(16.57)	--
1970	06/11/70	37.4	(1320)	--	5.01	(16.43)	--
1971	08/31/71	19.5	(690)	--	4.63	(15.20)	--
1972	08/06/72	11.6	(410)	--	4.28	(14.03)	--
1973	07/13/73	4.96	(175)	--	3.72	(12.22)	--
1974	06/09/74	8.50	(300)	--	4.06	(13.32)	--
1975	06/18/75	17.5	(617)	--	4.56	(14.95)	--
1976	04/25/76	4.81	(170)	--	3.74	(12.28)	--
1977	05/02/77	5.23	(185)	--	3.75	(12.31)	--
1978	08/02/78	43.6	(1540)	--	5.08	(16.68)	--

06850000 TURKEY CREEK AT NAPONEE, NE

LOCATION.--Lat. 40°04'34", long 99°08'17", in SW1/4 SW1/4 sec.4, T.1 N., R.16 W., Franklin County, Hydrologic Unit 10250016, on left downstream pier of county bridge, at east side of Naponee, 105 m (345 ft) above old gage site and 1.2 km (0.75 mi) upstream from mouth.

DRAINAGE AREA.--334 km² (129 mi²), of which 324 km² (125 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1948 to 1993 (discontinued).

GAGE.--College Park type crest-stage gage. Datum of gage is 569.98 m (1,870.00 ft) above sea level. Lowest recording stage is 0.97 m (3.18 ft). Datum of gage originally 0.3 m (1.0 ft) higher. On June 18, 1948, a wire-weight gage was installed on upstream guardrail of bridge at same site as staff gage at present datum. Station was discontinued Dec. 31, 1953. On Sept. 7, 1963, the station was reestablished as a partial records site. A College Park type crest-stage gage was installed on the left downstream pier of county bridge 105 m (345 ft) above former site at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 62.3 m³/s (2,200 ft³/s) July 17, 1993, gage height, 2.96 m (9.70 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1948	06/28/48	22.8	(804)	--	--	--	--
1949	05/08/49	19.5	(688)	--	--	--	--
1950	09/20/50	54.4	(1920)	--	--	--	--
1951	07/11/51	18.0	(635)	--	--	--	--
1952	07/14/52	25.7	(906)	--	--	--	--
1953	05/28/53	10.4	(368)	--	--	--	--
1962	08/23/62	13.3	(470)	--	2.04	(6.69)	--
1963	09/21/63	6.80	(240)	--	1.43	(4.68)	--
1964	06/21/64	18.4	(650)	--	2.08	(6.82)	--
1965	09/21/65	36.0	(1270)	--	2.72	(8.94)	--
1966	06/24/66	36.0	(1270)	--	2.74	(8.98)	--
1967	06/21/67	58.1	(2050)	--	3.31	(10.86)	--
1968	08/10/68	23.2	(820)	--	2.24	(7.36)	--
1969	07/06/69	24.6	(870)	--	2.32	(7.60)	--
1970	06/11/70	18.4	(650)	--	2.05	(6.74)	--
1971	09/01/71	7.65	(270)	--	1.49	(4.88)	--
1972	06/18/72	24.5	(865)	--	2.30	(7.56)	--
1973	07/13/73	52.4	(1850)	--	3.19	(10.46)	--
1974	10/10/73	16.3	(575)	--	1.95	(6.40)	--
1975	06/03/75	56.6	(2000)	--	3.27	(10.73)	--
1976	04/25/76	1.59	(56)	--	0.73	(2.40)	--
1977	08/25/77	7.36	(260)	--	1.47	(4.82)	--
1978	08/02/78	32.9	(1160)	--	2.61	(8.56)	--
1979	06/05/79	27.2	(960)	--	2.10	(6.90)	--
1980	04/03/80	6.23	(220)	--	1.40	(4.59)	--
1981	06/08/81	25.2	(890)	--	2.32	(7.60)	--
1982	05/12/82	0.57	(20)	--	.52	(1.70)	--
1983	09/29/83	30.6	(1080)	--	2.03	(6.67)	--
1984	04/03/84	1.98	(70)	--	.65	(2.13)	--
1985	05/14/85	22.7	(800)	--	1.71	(5.62)	--

06850000 TURKEY CREEK AT NAPONEE, NE

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	07/10/86	12.7	(450)	--	1.28	(4.21)	--
1987	/ /87	2.83	(100)	--	--	--	--
1988	/ /88	2.83	(100)	--	--	--	--
1989	/ /89	1.42	(50)	--	--	--	--
1991	/ /91	1.42	(50)	--	--	--	--
1992	08/07/92	12.7	(450)	--	1.33	(4.35)	--
1993	07/17/93	62.3	(2200)	--	2.96	(9.70)	--

06850200 COTTONWOOD CREEK NEAR BLOOMINGTON, NE

LOCATION.--Lat. 40°05'09", long 99°04'05", in SE1/4 NE1/4 sec.1, T.1 N., R.16 W., Franklin County, Hydrologic Unit 10250016, on downstream side of county bridge, 1.6 km (1 mi) upstream from mouth and 2.4 km (1.5 mi) west of Bloomington.

DRAINAGE AREA.--40.4 km² (15.6 mi²).

PERIOD OF RECORD.--1948 to 1978 (discontinued).

GAGE.--College Park type crest-stage. Datum of gage is 562.08 m (1,844.10 ft) above sea level. Lowest recording stage is 1.37 m (4.50 ft). Original gage was a vertical staff gage with a datum of 563.03 m (1,847.21 ft). On June 29, 1949, a new vertical staff gage was installed, and the datum lowered 0.308 m (1.01 ft). Aug. 4, 1949, a water-stage gage was installed 15 m (50 ft) upstream of staff gage at original datum. The station was discontinued Oct. 5, 1956. Sept. 8, 1961, the station was reestablished as a partial records site. A College Park type crest-stage gage was installed on the left downstream wingwall of county road bridge, about 12 m (40 ft) upstream of recording gage site. The datum of gage was lowered 0.640 m (2.10 ft). The gage was raised 0.143 m (0.47 ft) on May 13, 1964, but Aug. 8, 1961 datum maintained. On July 1971, the crest-stage gage was removed and the county bridge torn out. The crest-stage gage was reinstalled on Mar. 23, 1972 at same datum

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 31.2 m³/s (1,100 ft³/s) June 4, 1955.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1948	06/27/48	6.23	(220)	--	--	--	--
1949	06/24/49	15.3	(542)	--	--	--	--
1950	05/04/50	0.60	(21)	--	--	--	2
1951	06/06/51	7.25	(256)	--	--	--	--
1952	07/13/52	13.9	(492)	--	--	--	--
1953	08/19/53	1.36	(48)	--	--	--	--
1954	09/08/54	8.98	(317)	--	--	--	--
1955	06/04/55	31.2	(1100)	--	--	--	--
1956	09/05/56	.76	(27)	--	--	--	--
1962	07/11/62	6.51	(230)	--	1.92	(6.29)	--
1963	09/21/63	3.31	(117)	--	1.60	(5.26)	--
1964	07/01/64	2.97	(105)	--	1.56	(5.12)	--
1965	07/01/65	3.23	(114)	--	1.59	(5.23)	--
1966	06/24/66	2.55	(90)	--	1.51	(4.95)	--
1967	06/21/67	5.04	(178)	--	1.78	(5.85)	--
1968	08/10/68	8.67	(306)	--	2.08	(6.83)	--
1969	07/06/69	8.30	(293)	--	2.06	(6.76)	--
1970	06/11/70	3.12	(118)	--	1.61	(5.27)	--
1971	04/20/71	2.15	(76)	--	1.46	(4.79)	--
1972	06/11/72	19.0	(670)	--	2.71	(8.88)	--
1973	04/01/73	15.6	(550)	--	2.52	(8.27)	--
1974	10/10/73	6.66	(235)	--	1.93	(6.33)	--
1975	06/03/75	22.3	(787)	--	2.86	(9.38)	--
1976	06/24/76	10.1	(358)	--	2.19	(7.18)	--
1977	05/08/77	8.78	(310)	--	2.09	(6.87)	--
1978	08/02/78	9.20	(325)	--	2.13	(6.99)	--

06850500 REPUBLICAN RIVER NEAR BLOOMINGTON, NE

LOCATION.--Lat. 40°03'58", long 99°02'14", in NW1/4 SE1/4 sec.8, T.1 N., R.15 W., Franklin County, Hydrologic Unit 10250016, on downstream guardrail of county bridge, 3.2 km (2.0 mi) south of Bloomington, and 21.2 km (13.2 mi) below Harlan County Dam.

DRAINAGE AREA.--54,440 km² (21,020 mi²), of which 35,740 km² (13,800 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1929 to 1957.

GAGE.--Stevens A-35 water-stage recorder. Datum of gage is 555.62 m (1,822.90 ft) above sea level. Non-recording gage established Apr. 13, 1929 at site 182.9 m (600 ft) upstream at datum .30 m (1.00 ft) higher. On Apr. 13, 1935, the datum of the gage was lowered to present datum, however the gage heights were adjusted by .30 m (1.00 ft), back to Oct. 1, 1934. Recording gage at present site and datum was installed Nov. 19, 1938. The station was discontinued on Sept. 30, 1957.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded since at least 1826, 7,360 m³/s (260,000 ft³/s) June 1, 1935, gage height, 6.22 m (20.40 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1929	06/09/29	300	(10600)	--	--	--	--
1930	06/05/30	312	(11000)	--	--	--	--
1931	10/14/30	295	(10400)	--	--	--	--
1932	02/24/32	209	(7370)	--	--	--	--
1933	04/22/33	262	(9260)	--	--	--	--
1934	06/17/34	187	(6600)	--	--	--	--
1935	06/01/35	7360	(260000)	--	6.22	(20.40)	--
1936	05/09/36	343	(12100)	--	2.62	(8.59)	--
1937	06/03/37	292	(10300)	--	2.44	(8.00)	--
1938	06/01/38	251	(8860)	--	2.38	(7.80)	--
1939	06/22/39	385	(13600)	--	2.35	(7.72)	--
1940	07/01/40	566	(20000)	--	2.74	(8.98)	--
1941	07/27/41	552	(19500)	--	2.70	(8.85)	--
1942	04/20/42	476	(16800)	--	2.27	(7.45)	2
1943	04/11/43	197	(6960)	--	2.07	(6.80)	--
1944	04/24/44	269	(9500)	--	1.78	(5.85)	2
1945	06/06/45	425	(15000)	--	2.31	(7.58)	--
1946	09/07/46	249	(8810)	--	2.06	(6.76)	--
1947	06/23/47	3960	(140000)	--	4.60	(15.10)	--
1948	06/23/48	623	(22000)	--	2.30	(7.54)	--
1949	05/21/49	191	(6730)	--	1.96	(6.44)	2
1950	08/09/50	253	(8950)	5	2.24	(7.34)	--
1951	05/22/51	326	(11500)	5	2.18	(7.14)	--
1952	07/14/52	94.3	(3330)	5	1.50	(4.93)	--
1953	01/29/53	25.9	(915)	6	0.88	(2.90)	2
1954	05/27/54	18.0	(636)	6	.80	(2.64)	--
1955	06/04/55	144	(5080)	6	2.06	(6.76)	--
1956	08/01/56	15.5	(547)	6	.80	(2.64)	--
1957	06/16/57	134	(4720)	6	2.26	(7.40)	--
1977	07/21/77	54.6	(1928)	6	1.21	(3.98)	--

06851000 CENTER CREEK AT FRANKLIN, NE

LOCATION.--Lat. 40°06'12", long 98°58'45", in NW1/4 NE1/4 sec.35, T.2 N., R.15 W., Franklin County, Hydrologic Unit 10250016, on right bank at downstream side of bridge on State Highway 136, 1.6 km (1 mi) northwest of Franklin and 5.5 km (3.4 mi) upstream from mouth.

DRAINAGE AREA.--458 km² (177 mi²), approximately, of which about 145 km² (56 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1948-56, annual maximums and occasional low-flow measurements 1963-68, 1969-75, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 566.42 m (1,858.34 ft) above sea level (Bureau of Reclamation bench mark.) Prior to Dec. 19, 1952, non-recording gage at site, 2.4 km (1.5 mi) downstream at datum 9.226 m (30.27 ft) lower and Dec. 19, 1952, to Sept. 30, 1956, at present site at datum 0.256 m (0.84 ft) higher. Sept. 7, 1961, to Sept. 30, 1968, crest-stage gage and Oct. 1, 1968, to Sept. 30, 1975, recording gage at present site and datum.

REMARKS.--Two small diversions above station for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 89.2 m³/s (3,150 ft³/s) Sept. 20, 1950, gage height, 2.07 m (6.80 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1948	08/14/48	10.5 (370)	--	1.01 (3.30)	--
1949	05/06/49	10.3 (365)	--	0.83 (2.72)	2
1950	09/20/50	89.2 (3150)	--	2.07 (6.80)	--
1951	07/11/51	23.1 (815)	--	.91 (3.00)	--
1952	07/14/52	5.98 (211)	--	.70 (2.30)	--
1953	03/04/53	0.40 (14)	--	.67 (2.20)	2
1954	08/17/54	7.08 (250)	--	1.47 (4.82)	--
1955	09/20/55	8.21 (290)	--	1.48 (4.84)	--
1956	03/12/56	.31 (11)	--	.69 (2.25)	2
1963	09/21/63	4.25 (150)	--	1.18 (3.88)	--
1964	03/18/64	.17 (6)	--	.66 (2.17)	--
1965	09/21/65	25.7 (910)	--	1.47 (4.83)	--
1966	06/24/66	20.1 (710)	--	1.29 (4.23)	--
1967	06/21/67	30.3 (1070)	--	1.55 (5.08)	--
1968	08/10/68	49.8 (1760)	--	1.95 (6.40)	--
1969	07/24/69	26.5 (936)	--	1.47 (4.83)	--
1970	04/18/70	7.08 (250)	--	1.01 (3.31)	--
1971	09/04/71	.99 (35)	--	.94 (3.09)	2
1972	06/18/72	11.0 (390)	--	1.17 (3.84)	--
1973	09/28/73	5.38 (190)	--	1.11 (3.64)	--
1974	10/10/73	15.6 (550)	--	1.37 (4.50)	--
1975	06/18/75	20.4 (719)	--	1.52 (4.97)	--
1978	08/02/78	39.9 (1410)	--	1.65 (5.40)	--
1979	05/02/79	41.1 (1450)	--	1.71 (5.60)	--
1980	04/04/80	3.06 (108)	--	.69 (2.25)	--
1981	05/21/81	33.1 (1170)	--	1.58 (5.20)	--
1982	06/26/82	16.6 (585)	--	1.20 (3.95)	--
1983	09/29/83	17.3 (611)	--	1.60 (5.25)	--
1984	05/19/84	13.4 (472)	--	1.35 (4.42)	--
1985	05/14/85	33.1 (1170)	--	1.97 (6.45)	--

06851000 CENTER CREEK AT FRANKLIN, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	07/10/86	9.32	(329)	--	1.18	(3.86)	--
1987	07/17/87	25.0	(882)	--	1.78	(5.85)	--
1988	07/19/88	11.8	(415)	--	1.40	(4.58)	--
1989	07/02/89	40.2	(1420)	--	2.08	(6.83)	--
1990	08/19/90	19.0	(670)	--	1.59	(5.22)	--
1991	05/30/91	8.55	(302)	--	1.07	(3.51)	--
1992	07/22/92	10.4	(367)	--	1.18	(3.87)	--
1993	07/17/93	53.2	(1880)	--	2.25	(7.38)	--

06851100 WEST BRANCH THOMPSON CREEK AT HILDRETH, NE

LOCATION.--Lat. 40°21'22", long 99°01'37", in NW1/4 SW1/4 sec.33, T.5 N., R.15 W., Kearney County, Hydrologic Unit 10250016, at steel and concrete bridge on north-south all-weather gravel road, 0.8 km (0.5 mi) north of east-west road, 2.4 km (1.5 mi) north of State Spur 310 between SR10 and Hildreth, and 2.7 km (1.7 mi) northeast of Hildreth.

DRAINAGE AREA.--165 km² (63.9 mi²), revised, of which about 47 km² (18.4 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage, since June 23, 1955, is 3.05 m (10.00 ft). Prior to June 6, 1955, lowest recording stage was 2.40 m (7.87 ft). From June 6, 1955, until June 23, 1955, lowest recording stage was 2.57 m (8.44 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 36.5 m³/s (1,290 ft³/s) Aug. 15, 1958. gage height, 4.25 m (13.93 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	06/07/53	0.45	(16)	--	2.75	(9.01)	--
1954	05/16/54	2.49	(88)	--	3.36	(11.04)	--
1955	06/17/55	3.12	(110)	--	3.40	(11.16)	--
1956	07/05/56	2.12	(75)	--	3.34	(10.97)	--
1957	06/15/57	25.0	(881)	--	4.01	(13.17)	--
1958	08/15/58	36.5	(1290)	--	4.25	(13.93)	--
1959	07/04/59	9.32	(329)	--	3.70	(12.13)	--
1960	03/27/60	9.32	(329)	--	3.70	(12.13)	--
1961	05/21/61	3.68	(130)	--	3.43	(11.26)	--
1962	07/01/62	8.64	(305)	--	3.67	(12.03)	--
1963	09/21/63	6.46	(228)	--	4.12	(13.52)	--
1964	09/01/64	.23	(8)	--	3.22	(10.57)	--
1965	07/01/65	5.66	(200)	--	4.04	(13.27)	--
1966	06/24/66	6.51	(230)	--	4.13	(13.55)	--
1967	06/14/67	11.1	(392)	--	4.53	(14.85)	--
1968	08/10/68	.31	(11)	--	3.41	(11.20)	--
1969	03/17/69	5.72	(202)	--	4.05	(13.30)	--
1970	08/03/70	3.65	(129)	--	3.85	(12.62)	--

06851200 WEST BRANCH THOMPSON CREEK NEAR HILDRETH, NE

LOCATION.--Lat. 40°20'10", long 99°00'16", in NE1/4 NW1/4 sec.10, T.4 N., R.15 W., Franklin County, Hydrologic Unit 10250016, at concrete bridge on State Highway 310, 3.5 km (2.2 mi) east of Hildreth, and 4.5 km (2.8 mi) west of SR10.

DRAINAGE AREA.--285 km² (110 mi²) of which about 70 km² (27.0 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Lowest recording stage, since May 1, 1963, is 3.05 m (10.00 ft). Prior to June 23, 1955, lowest recording stage was 2.10 m (6.89 ft). From June 23, 1955, until Feb. 2, 1962, lowest recording stage was 2.31 m (7.59 ft). From Feb. 2, 1962, until May 1, 1963, lowest recording stage was 2.92 m (9.59 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 47.3 m³/s (1,670 ft³/s) June 15, 1957, gage height, 4.86 m (15.94 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	06/07/53	0.28 (10)	--	2.67 (8.77)	--
1954	05/16/54	.99 (35)	--	3.05 (10.00)	--
1955	06/17/55	2.97 (105)	--	3.40 (11.14)	--
1956	07/05/56	.00 (8)	--	2.63 (8.63)	--
1957	06/15/57	47.3 (1670)	--	4.86 (15.94)	--
1958	08/15/58	8.67 (306)	--	3.81 (12.49)	--
1959	07/04/59	18.5 (652)	--	4.09 (13.42)	--
1960	03/27/60	20.4 (720)	--	4.15 (13.61)	--
1961	05/21/61	6.88 (243)	--	3.70 (12.15)	--
1962	05/27/62	12.5 (440)	--	4.14 (13.58)	--
1963	09/21/63	14.6 (517)	--	4.16 (13.64)	--
1964	09/01/64	1.33 (47)	--	3.44 (11.30)	--
1965	05/22/65	30.6 (1080)	--	4.62 (15.17)	--
1966	06/24/66	38.5 (1360)	--	4.83 (15.86)	--
1967	06/14/67	36.8 (1300)	--	4.94 (16.21)	--
1968	08/15/68	.42 (15)	--	3.13 (10.26)	--
1969	07/06/69	14.4 (508)	--	4.24 (13.90)	--
1970	08/03/70	7.08 (250)	--	3.91 (12.83)	--

06851300 WEST BRANCH THOMPSON CREEK TRIBUTARY NEAR HILDRETH, NE

LOCATION.--Lat. 40°19'10", long 99°00'33", in NW1/4 NW1/4 sec.15, T.4 N., R.15 W., Franklin County, Hydrologic Unit 10250016, at county timber bridge on gravel road 0.16 km (0.1 mi) south of east-west crossroad, 1.8 km (1.1 mi) south of State Spur 310, 5 km (3 mi) west of State Highway 10, and 3.2 km (2 mi) southeast of Hildreth in Franklin County.

DRAINAGE AREA.--30 km² (11.5 mi²), of which, about, 21.2 km² (8.2 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Lowest recording stage is 3.01 m (9.88 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 25.7 m³/s (907 ft³/s) June 15, 1957, gage height, 5.55 m (18.20 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	06/07/53	0.31	(11)	--	3.19	(10.48)	--
1954	05/27/54	5.47	(193)	--	4.15	(13.63)	--
1955	06/04/55	2.01	(71)	--	3.87	(12.70)	--
1956	07/05/56	1.98	(70)	--	3.86	(12.68)	--
1957	06/15/57	25.7	(907)	--	5.55	(18.20)	--
1958	08/15/58	13.8	(486)	--	4.72	(15.47)	--
1959	07/04/59	13.9	(490)	--	4.73	(15.52)	--
1960	05/19/60	13.0	(460)	--	4.60	(15.10)	--
1961	05/21/61	5.38	(190)	--	4.05	(13.28)	--
1962	07/01/62	12.9	(457)	--	4.61	(15.11)	--
1963	09/21/63	9.86	(348)	--	4.38	(14.36)	--
1964	06/13/64	1.70	(60)	--	3.71	(12.17)	--
1965	05/22/65	12.2	(430)	--	4.54	(14.90)	--
1966	06/24/66	13.6	(480)	--	4.65	(15.25)	--
1967	06/21/67	21.1	(745)	--	5.20	(17.06)	--
1968	08/15/68	1.08	(38)	--	3.40	(11.15)	--
1969	03/17/69	13.7	(485)	--	4.66	(15.29)	--
1970	09/16/70	6.14	(217)	--	4.11	(13.47)	--
1971	04/20/71	4.11	(145)	--	3.95	(12.97)	--
1972	05/06/72	1.13	(40)	--	3.41	(11.19)	--
1973	07/13/73	1.33	(47)	--	3.54	(11.60)	--
1974	10/10/73	5.81	(205)	--	4.08	(13.38)	--
1975	05/28/75	16.6	(585)	--	4.87	(15.98)	--
1976	09/1/76	1.98	(70)	--	3.77	(12.38)	--
1977	09/12/77	10.2	(360)	--	4.50	(14.77)	--
1978	03/13/78	4.25	(150)	--	3.96	(13.00)	--

06851400 WEST BRANCH THOMPSON CREEK NEAR UPLAND, NE

LOCATION.--Lat. 40°17'32", long 98°56'10", in NE1/4 NE1/4 sec.30, T.4 N., R.14 W., Franklin County, Hydrologic Unit 10250016, at steel and concrete bridge on SR4, 1.3 km (0.8 mi) east of junction with SR10 and 5 km (3 mi) southwest of Upland.

DRAINAGE AREA.--332 km² (128 mi²), approximately, of which about 208 km² (80.4 mi²) does not contribute directly to surface runoff.

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Lowest recording stage, since May 1, 1963, is 2.86 m (9.37 ft). The gage was moved from original site to slightly different site on June 7, 1955. It was raised 0.430 m (1.41 ft) on Aug. 22, 1956, and lowered 0.430 m (1.41 ft) on Apr. 16, 1958. The datum of the gage was raised 0.271 m (0.89 ft) on May 1, 1963. On May 9, 1966, the gage was removed during construction of a new highway bridge. The gage was reinstalled on Aug. 30, 1966, and the datum of May 1, 1963, was maintained. Prior to Aug. 22, 1956, lowest recording stage was 2.78 m (9.11 ft). From Aug. 22, 1956, until April 16, 1958, lowest recording stage was 3.21 m (10.52 ft). From April 16, 1958, until May 1, 1963, lowest recording stage was 2.78 m (9.11 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 57.8 m³/s (2,040 ft³/s) June 15, 1957, gage height, 4.27 m (14.0 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	09/03/53	1.08	(38)	--	2.94	(9.63)	--
1954	08/16/54	2.32	(82)	--	3.30	(10.84)	--
1955	06/04/55	2.18	(77)	--	3.28	(10.77)	--
1956	07/05/56	2.97	(105)	--	3.08	(10.11)	--
1957	06/15/57	57.8	(2040)	--	4.27	(14.00)	--
1958	08/15/58	47.0	(1660)	--	4.08	(13.39)	--
1959	07/04/59	12.7	(450)	--	3.53	(11.58)	--
1960	03/27/60	30.0	(1060)	--	3.81	(12.50)	--
1961	05/21/61	7.36	(260)	--	3.32	(10.89)	--
1962	07/01/62	34.8	(1230)	--	3.90	(12.78)	--
1963	09/21/63	9.91	(350)	--	3.44	(11.28)	--
1964	06/13/64	7.36	(260)	--	3.32	(10.90)	--
1965	05/22/65	14.4	(510)	--	3.54	(11.62)	--
1966	10/18/65	11.3	(400)	--	3.48	(11.41)	--
1967	06/21/67	43.3	(1530)	--	4.05	(13.28)	--
1968	08/10/68	5.24	(185)	--	3.17	(10.40)	--
1969	03/17/69	25.8	(910)	--	3.73	(12.25)	--
1970	09/16/70	6.68	(236)	--	3.29	(10.78)	--
1971	04/20/71	6.23	(220)	--	3.26	(10.69)	--
1972	05/06/72	5.61	(198)	--	3.20	(10.49)	--
1973	04/01/73	6.09	(215)	--	3.24	(10.63)	--
1974	10/10/73	21.5	(760)	--	3.66	(12.00)	--
1975	05/28/75	25.8	(910)	--	3.74	(12.26)	--
1976	06/24/76	9.63	(340)	--	3.42	(11.23)	--
1977	09/12/77	10.2	(360)	--	3.50	(11.50)	--
1978	03/13/78	15.3	(540)	--	3.55	(11.65)	--

06851500 THOMPSON CREEK AT RIVERTON, NEBR.

LOCATION.--Lat. 40°05'21", long 98°45'38", in NW1/4 NW1/4 sec.2, T.1 N., R.13 W., Franklin County, Hydrologic Unit 10250016, on left bank at downstream side of bridge on State Highway 136, at west edge of Riverton, 73.2 m (240 ft) upstream from Burlington Northern Inc. bridge, and 1.0 km (0.6 mi) upstream from mouth.

DRAINAGE AREA.--751 km² (290 mi²), approximately, of which about 510 km² (197 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1949-56, annual maximums 1962-68, low-flow measurements 1962-68, 1969-75, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 534.43 m (1,753.38 ft) above sea level. Lowest recording stage is 1.55 m (5.10 ft). Apr. 1 to Oct. 1, 1948, non-recording gage 73.2 m (240 ft) downstream at datum 0.707 m (2.32 ft) higher. Oct. 1 1948, to July 11, 1950, water-stage recorder at present site at datum 0.402 m (1.32 ft) higher, July 12, 1950, to Sept. 30, 1956, and Oct. 1 1968, to Sept. 30, 1975, at present site and datum. Sept. 7, 1961, to Sept. 30, 1968, crest-stage gage at present site and datum. Non-recording gage only, June 27, 1983 to Mar. 29, 1984 at site 73.2 m (240 ft) downstream at present datum.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 346 m³/s (12,200 ft³/s) July 9, 1950, gage height, 4.03 m (13.22 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1949	06/08/49	92.3	(3260)	--	2.27	(7.44)	--
1950	07/09/50	346	(12200)	--	4.03	(13.22)	--
1951	07/11/51	71.6	(2530)	--	2.08	(6.83)	--
1952	07/14/52	75.3	(2660)	--	2.35	(7.70)	--
1953	06/07/53	1.50	(53)	--	1.30	(4.26)	2
1954	08/17/54	10.6	(375)	--	1.46	(4.80)	--
1955	06/04/55	89.5	(3160)	--	2.44	(8.00)	--
1956	07/05/56	8.13	(287)	--	1.38	(4.54)	2
1962	07/01/62	51.8	(1830)	--	2.13	(6.98)	--
1963	09/21/63	30.3	(1070)	--	1.59	(6.23)	--
1964	06/13/64	17.6	(620)	--	1.72	(5.66)	--
1965	07/01/65	53.8	(1900)	--	2.26	(7.40)	--
1966	10/18/65	39.6	(1400)	--	2.08	(6.84)	--
1967	06/21/67	46.2	(1630)	--	2.17	(7.13)	--
1968	08/10/68	32.9	(1160)	--	1.97	(6.45)	--
1969	08/31/69	140	(4930)	--	3.11	(10.21)	--
1970	04/19/70	56.6	(2000)	--	2.23	(7.31)	--
1971	06/13/71	86.9	(3070)	--	2.58	(8.47)	--
1972	05/27/72	1.70	(60)	2	1.09	(3.57)	2
1973	09/28/73	34.0	(1200)	--	1.89	(6.21)	--
1974	06/06/74	17.5	(619)	--	1.69	(5.53)	--
1975	05/28/75	71.6	(2530)	--	2.65	(8.70)	--
1978	03/13/78	22.0	(776)	--	1.76	(5.78)	--
1979	05/02/79	77.3	(2730)	--	2.71	(8.89)	--
1980	04/04/80	28.3	(999)	--	2.14	(7.02)	--

06851500 THOMPSON CREEK AT RIVERTON, NEBR.--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1981	05/28/81	137	(4820)	--	3.18	(10.43)	--
1982	05/11/82	212	(7480)	--	3.71	(12.17)	--
1983	09/29/83	150	(5300)	--	3.85	(12.62)	--
1984	06/12/84	50.1	(1770)	--	2.82	(9.26)	--
1985	05/14/85	111	(3930)	--	3.48	(11.42)	--
1986	07/10/86	10.6	(376)	--	1.88	(6.18)	--
1987	07/18/87	54.4	(1920)	--	2.93	(9.62)	--
1988	07/19/88	45.9	(1620)	--	2.84	(9.30)	--
1989	07/01/89	95.2	(3360)	--	3.43	(11.24)	--
1990	08/03/90	45.6	(1610)	--	2.82	(9.24)	--
1991	06/05/91	44.2	(1560)	--	2.79	(9.16)	--
1992	07/12/92	126	(4440)	--	3.68	(12.09)	--
1993	07/17/93	198	(7000)	--	4.48	(14.70)	--

06852000 ELM CREEK AT AMBOY, NE

LOCATION.--Lat. 40°05'20", long 98°26'07", in NE1/4 NW1/4 sec.3, T.1 N., R.10 W., Webster County, Hydrologic Unit 10250016, on left bank at downstream side of bridge on State Highway 136 at east edge of Amboy, 5.3 km (3.3 mi) upstream from mouth, and 7.2 km (4.5 mi) east of Red Cloud.

DRAINAGE AREA.--102 km² (39.2 mi²).

PERIOD OF RECORD.--1948-53, annual maximums 1959, 1961-77 and occasional low flow measurements 1954-77, 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 505.68 m (1,659.07 ft) above sea level. Prior to July 17, 1952, non-recording gage upstream side of bridge at datum 2.213 m (7.26 ft) higher, July 17, 1952, to Jan. 4, 1954, water-stage recorder, present site, at datum 1.91 m (6.26 ft) higher, and Sept. 6, 1961, to Sept. 30 1977, crest-stage gage at present site and datum. Lowest recording stage of crest-stage gage, from Sep. 23, 1969, until Sep. 30, 1977, was 2.88 m (9.46 ft). Prior to May 13, 1964, lowest recording stage of crest-stage gage was 2.56 m (8.40 ft). From May 13, 1964, until Sep. 23, 1969, lowest recording stage was 3.02 m (9.90 ft).

REMARKS.--Natural flow affected by pump irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 221 m³/s (7,800 ft³/s) Sept. 29, 1983, gage height, 5.17 m (16.96 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1948	06/22/48	11.7	(412)	--	--	--	--
1949	05/21/49	31.2	(1100)	--	--	--	--
1950	09/20/50	109	(3860)	--	--	--	--
1951	07/11/51	55.2	(1950)	--	--	--	--
1952	07/14/52	30.0	(1060)	--	--	--	--
1953	06/08/53	27.3	(964)	--	4.03	(13.21)	--
1959	07/04/59	170	(6000)	2, 7	5.20	(17.05)	--
1961	05/22/61	15.0	(531)	--	3.55	(11.68)	--
1962	07/17/62	6.68	(236)	--	3.23	(10.59)	--
1963	09/21/63	18.4	(650)	--	3.78	(12.41)	--
1964	06/11/64	14.2	(500)	--	3.62	(11.86)	--
1965	05/22/65	136	(4800)	--	5.05	(16.57)	--
1966	06/24/66	12.1	(426)	--	3.52	(11.56)	--
1967	06/21/67	8.35	(295)	--	3.32	(10.91)	--
1968	04/20/68	17.6	(620)	--	3.82	(12.52)	--
1969	05/21/69	28.3	(1000)	--	4.05	(13.28)	--
1970	09/16/70	9.91	(350)	--	3.42	(11.24)	--
1971	06/13/71	28.9	(1020)	--	4.06	(13.33)	--
1972	07/11/72	44.5	(1570)	--	4.36	(14.29)	--
1973	09/28/73	40.0	(1400)	--	4.28	(14.04)	--
1974	10/10/73	23.2	(820)	--	3.94	(12.92)	--
1975	06/08/75	17.3	(610)	--	3.75	(12.30)	--
1976	04/08/76	11.9	(420)	--	3.53	(11.58)	--
1977	09/12/77	76.5	(2700)	--	4.64	(15.23)	--

06852000 ELM CREEK AT AMBOY, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1978	08/02/78	15.1	(534)	--	3.72	(12.21)	--
1979	07/18/79	20.6	(726)	--	3.88	(12.74)	--
1980	10/31/79	19.7	(690)	--	3.86	(12.65)	--
1981	07/17/81	21.80	(770)	--	3.92	(12.85)	--
1982	05/11/82	153	(5400)	--	4.93	(16.18)	--
1983	09/29/83	221	(7800)	--	5.17	(16.96)	--
1984	04/02/84	14.1	(497)	--	3.64	(11.93)	--
1985	08/03/85	68.5	(2420)	--	4.46	(14.62)	--
1986	09/06/86	42.5	(1500)	--	4.20	(13.79)	--
1987	03/23/87	15.4	(543)	--	3.84	(12.60)	--
1988	07/19/88	10.7	(378)	--	3.62	(11.89)	--
1989	07/01/89	66.3	(2340)	--	4.44	(14.57)	--
1990	08/12/90	60.9	(2150)	--	4.40	(14.44)	--
1991	06/13/91	39.4	(1390)	--	4.20	(13.77)	--
1992	07/12/92	85.8	(3030)	--	4.64	(15.22)	--
1993	07/26/93	193	(6800)	--	5.00	(16.41)	--

06853000 REPUBLICAN RIVER NEAR GUIDE ROCK, NE

LOCATION.--Lat. 40°04'05", long 98°22'25", in SW1/4 NE1/4 sec.7, T.1 N., R.9 W., Webster County, Hydrologic Unit 10250016, on left bank 91 m (300 ft) upstream from Willow Creek, 0.3 km (0.2 mi) downstream from Courtland Creek, 0.3 km (0.2 mi) downstream from Courtland diversion dam, and 3.2 km (2.0 mi) southwest of Guide Rock.

DRAINAGE AREA.--57,080 km² (22,040 mi²), of which about 37,700 km² (14,550 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1950 to 1984 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 495.03 m (1,624.13 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 7,080 m³/s (250,000 ft³/s) June 1 or 2, 1935, from slope-area measurements near Bloomington and Hardy.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 827 m³/s (29,200 ft³/s) June 16, 1957, gage height, 6.32 m (20.73 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	09/20/50	292	(10300)	--	4.11	(13.47)	--
1951	05/22/51	405	(14300)	--	4.52	(14.82)	--
1952	07/14/52	226	(7980)	--	3.81	(12.51)	--
1953	06/08/53	77.0	(2720)	6	3.18	(10.43)	--
1954	05/23/54	85.2	(3010)	6	3.23	(10.59)	--
1955	06/05/55	289	(10200)	6	4.62	(15.15)	--
1956	07/05/56	76.5	(2700)	6	3.55	(11.64)	--
1957	06/16/57	827	(29200)	6	6.32	(20.73)	--
1958	08/17/58	85.5	(3020)	6	3.44	(11.27)	--
1959	07/04/59	157	(5560)	6	4.35	(14.26)	--
1960	06/23/60	160	(5640)	6	4.25	(13.94)	--
1961	06/06/61	181	(6390)	6	4.45	(14.60)	--
1962	07/19/62	124	(4380)	6	3.80	(12.48)	2
1963	09/23/63	50.4	(1780)	6	2.76	(9.04)	--
1964	09/08/64	49.3	(1740)	6	3.03	(9.93)	--
1965	05/22/65	186	(6560)	6	4.60	(15.08)	--
1966	11/03/65	120	(4230)	6	3.81	(12.50)	--
1967	06/22/67	133	(4680)	6	4.01	(13.16)	--
1968	04/13/68	64.6	(2280)	6	3.13	(10.26)	2
1969	09/01/69	159	(5610)	6	4.37	(14.33)	--
1970	04/19/70	87.8	(3100)	6	3.72	(12.20)	--
1971	06/13/71	141	(4980)	6	4.28	(14.06)	--
1972	07/11/72	83.0	(2930)	6	3.97	(13.03)	--
1973	09/28/73	149	(5260)	6	4.50	(14.78)	--
1974	10/11/73	116	(4090)	6	4.26	(13.99)	--
1975	06/23/75	73.9	(2610)	6	4.15	(13.61)	--
1976	06/24/76	38.2	(1350)	6	3.62	(11.86)	--
1977	09/12/77	98.6	(3480)	6	4.36	(14.31)	--
1978	08/03/78	60.0	(2120)	6	3.92	(12.85)	--
1979	03/23/79	110	(3870)	6	4.44	(14.56)	--
1980	04/03/80	52.4	(1850)	6	3.82	(12.54)	--
1981	05/29/81	108	(3800)	6	4.42	(14.50)	--
1982	05/12/82	331	(11700)	6	5.88	(19.29)	--
1983	09/29/83	351	(12400)	6	6.07	(19.91)	--
1984	04/22/84	103	(3650)	6	4.74	(15.56)	--

06853020 REPUBLICAN RIVER AT GUIDE ROCK, NE

LOCATION.--Lat. 40°03'49", long 98°19'53", in NE1/4 SE1/4 sec.9, T.1 N., R.9 W., Webster County, Hydrologic Unit 10250016, on left downstream bank at Nebraska State Highway 78 bridge, 0.3 km (0.2 mi) downstream from Minnie Creek and 0.8 km (0.5 mi) south of Guide Rock. Station is 5 river km (3.1 river mi) downstream from station 06853000, Republican River near Guide Rock, previous site, and at kilometer 283 (mile 176).

DRAINAGE AREA.--57,057 km² (22,030 mi²), approximately, of which about 37,710 km² (14,560 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--August 1950 to current year. August 1950 to September 1984 published as Republican River near Guide Rock (06853000), see previous station.

GAGE.--Water-stage recorder. Datum of gage is 492.60 m (1,616.15 ft) above sea level (levels by U.S. Corps of Engineers). Prior to Oct. 1, 1959, at datum 3.96 m (12.98 ft) higher, and Oct. 1, 1959 to Nov. 28, 1984, at datum 2.43 m (7.98 ft) higher, both at site 5.0 km (3.1 mi) upstream.

REMARKS.--Natural flow affected by irrigation development above station, by regulation of upstream reservoirs, and since Nov. 14, 1952, by storage in Harlan County Lake (station 06849000).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, about 7,080 m³/s (250,000 ft³/s) June 1 or 2, 1935, from slope-area measurements near Bloomington and Hardy.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 279 m³/s (9,860 ft³/s) July 19, 1993, gage height, 4.72 m (15.47 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1985	05/15/85	212	(7480)	6	4.15	(13.63)	--
1986	09/06/86	93.7	(3310)	6	3.14	(10.29)	--
1987	03/23/87	107	(3770)	6	3.28	(10.77)	--
1988	07/19/88	110	(3900)	6	3.32	(10.90)	--
1989	07/01/89	156	(5510)	6	3.73	(12.25)	--
1990	08/03/90	108	(3830)	6	3.30	(10.83)	--
1991	05/31/91	40.2	(1420)	6	2.34	(7.69)	--
1992	07/13/92	172	(6080)	6	4.08	(13.38)	--
1993	07/19/93	279	(9860)	6	4.72	(15.47)	--

06853100 BEAVER CREEK NEAR ROSEMONT, NE

LOCATION.--Lat. 40°15'47", long 98°22'31", in NW1/4 NE1/4 sec.6, T.3 N., R.9 W., Webster County, on left bank at downstream side of county road bridge, 2.9 km (1.8 miles) southwest of Rosemont.

DRAINAGE AREA.--1.95 km² (0.752 mi²).

PERIOD OF RECORD.--1939 to 1978 (discontinued).

GAGE.--Stevens A-30 continuous recorder. Datum of gage is 586.79 m (1925.17 ft) above sea level. Gage was established by Soil Conservation Service on July 16, 1938, and runoff data from it was published in Hydrologic Data for Experimental Agricultural Watersheds in the United States by the U.S. Department of Agriculture from July 1938 to December 1967. The U.S. Geological Survey took over the operation of the gage on Oct. 1, 1967, and published complete records for this station until Sept. 30, 1970. The recorder had been left in operation until 1978, but only the annual maximum peak discharge is published starting on Oct. 1, 1970.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27.5 m³/s (970 ft³/s) July 3, 1959, gage height 1.48 m (4.84 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1939	06/20/39	15.8	(558)	--	--	--	--
1940	05/17/40	0.68	(24)	--	--	--	--
1941	06/05/41	7.28	(257)	--	--	--	--
1942	06/05/42	2.75	(97)	--	--	--	--
1943	06/10/43	4.81	(170)	--	--	--	--
1944	05/27/44	6.46	(228)	--	--	--	--
1945	07/16/45	2.32	(82)	--	--	--	--
1946	09/05/46	7.00	(247)	--	--	--	--
1947	06/18/47	4.14	(146)	--	--	--	--
1948	07/18/48	4.14	(146)	--	--	--	--
1949	05/05/49	8.67	(306)	--	--	--	--
1950	09/20/50	7.82	(276)	--	--	--	--
1951	07/10/51	23.9	(844)	--	--	--	--
1952	07/14/52	18.3	(645)	--	--	--	--
1953	06/07/53	9.88	(349)	--	--	--	--
1954	05/22/54	21.6	(761)	--	--	--	--
1955	09/20/55	1.78	(63)	--	--	--	--
1956	06/26/56	2.89	(102)	--	--	--	--
1957	06/15/57	16.2	(572)	--	1.29	(4.24)	--
1958	06/12/58	2.46	(87)	--	0.74	(2.42)	--
1959	07/03/59	27.5	(970)	--	1.48	(4.84)	--
1960	05/15/60	12.7	(451)	--	1.22	(4.00)	--
1961	06/15/61	3.03	(107)	--	.80	(2.61)	--
1962	08/23/62	3.71	(131)	--	.85	(2.80)	--
1963	09/09/63	11.6	(410)	--	1.19	(3.90)	--
1964	08/17/64	4.05	(143)	--	.88	(2.88)	--
1965	05/22/65	25.0	(883)	--	1.44	(4.72)	--
1966	07/26/66	5.44	(192)	--	.96	(3.16)	--
1967	09/20/67	1.76	(62)	--	.65	(2.12)	--
1968	05/08/68	.82	(29)	--	.48	(1.58)	--
1969	05/21/69	12.2	(431)	--	1.20	(3.95)	--
1970	06/16/70	1.87	(66)	--	.66	(2.17)	--

06853100 BEAVER CREEK NEAR ROSEMONT, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1971	07/23/71	0.76	(27)	--	0.47	(1.54)	--
1972	06/18/72	1.98	(78)	--	.71	(2.32)	--
1973	09/03/73	15.4	(543)	--	1.25	(4.19)	--
1974	10/09/73	7.48	(264)	--	1.05	(3.46)	--
1975	06/18/75	3.00	(106)	--	.79	(2.60)	--
1976	04/16/76	1.98	(78)	--	.71	(2.32)	--
1977	09/12/77	5.95	(210)	--	.99	(3.25)	--
1978	03/13/78	8.92	(315)	--	1.11	(3.63)	--

06879850 BIG BLUE RIVER TRIBUTARY NEAR HORDVILLE, NE

LOCATION.--Lat. 41°02'47", long 97°56'27", in SW1/4 SW1/4 sec.31, T.13 N., R.5 W., Hamilton County, on bridge on east-west county road, 3.5 km (2.2 mi) south and 4.5 (2.8 mi) west of Hordville.

DRAINAGE AREA.--10.5 km² (4.07 mi²), (13 km² (5.03 mi²) for second site).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Two sections of Columbus type crest-stage gage. Lowest recording stage is 3.11 m (10.20 ft). Station moved east 274 m (900 ft) to another east-west county bridge, April 11, 1972. It soon became apparent that this location was affected by backwater from farm ponds during periods of rainfall. This location was discontinued May 6, 1974. The gages were moved back to the original location and datum on May 6, 1974 where a new bridge had been built.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 15.6 m³/s (550 ft³/s) June 29, 1971, gage height, 4.41 m (14.48 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	06/24/68	6.57 (232)	--	3.88 (12.72)	--
1969	03/17/69	4.62 (163)	--	3.73 (12.25)	--
1970	/ /70	≤0.01 (≤.5)	--	-- --	--
1971	06/29/71	15.6 (550)	--	4.41 (14.48)	--
1972	05/24/72	2.18 (77)	--	-- --	--
1973	03/24/73	6.80 (240)	--	-- --	--
1974	10/11/73	4.81 (170)	--	-- --	--
1975	06/18/75	-- --	--	3.93 (12.9)	--
1976	09/25/76	-- --	--	3.41 (11.2)	--
1977	08/31/77	-- --	--	4.08 (13.4)	--
1978	04/09/78	-- --	--	4.18 (13.7)	--

06879900 BIG BLUE RIVER AT SURPRISE, NE

LOCATION.--Lat. 41°06'05", long 97°18'35", in NW1/4 NW1/4 sec.15, T.13 N., R.1 E., Butler County, Hydrologic Unit 10270201, on left bank 15 m (50 ft) downstream from bridge on county road at south edge of Surprise, and at kilometer 415 (mile 258).

DRAINAGE AREA.--894 km² (345 mi²).

PERIOD OF RECORD.--1964 to current year. Prior to October 1965, published as North Branch Big Blue River at Surprise.

GAGE.--Water-stage recorder and concrete broad-crested weir control. Elevation of gage is 464.16 m (1,522.84 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 303 m³/s (10,700 ft³/s) July 19, 1965, gage height, 3.51 m (11.52 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1964	05/07/64	16.3 (676)	--	1.32 (4.34)	--
1965	07/19/65	303 (10700)	--	3.51 (11.52)	--
1966	02/10/66	36.5 (1290)	--	1.88 (6.16)	--
1967	06/15/67	126 (4440)	--	3.10 (10.17)	--
1968	06/24/68	18.0 (636)	--	1.29 (4.24)	--
1969	03/20/69	79.3 (2800)	--	2.77 (9.08)	1
1970	01/27/70	2.69 (95)	--	0.74 (2.43)	--
1971	03/13/71	83.0 (2930)	--	2.79 (9.14)	--
1972	07/12/72	100 (3540)	--	3.10 (10.17)	--
1973	05/28/73	48.1 (1700)	--	2.48 (8.12)	--
1974	05/19/74	21.9 (773)	--	1.56 (5.13)	--
1975	06/23/75	53.8 (1900)	--	2.36 (7.75)	--
1976	05/23/76	33.7 (1190)	--	1.68 (5.90)	--
1977	09/04/77	61.7 (2180)	--	2.82 (9.25)	--
1978	03/15/78	54.4 (1920)	--	2.41 (7.90)	--
1979	03/13/79	32.9 (1160)	--	1.77 (5.81)	--
1980	06/04/80	54.7 (1930)	--	2.44 (8.02)	--
1981	08/05/81	3.71 (131)	--	.80 (2.63)	--
1982	07/12/82	38.2 (1350)	--	2.17 (7.13)	--
1983	06/21/83	40.0 (1420)	--	2.26 (7.42)	--
1984	06/16/84	47.3 (1670)	--	2.18 (7.15)	--
1985	07/20/85	63.4 (2240)	--	2.72 (8.91)	--
1986	06/30/86	138 (4860)	--	3.24 (10.64)	--
1987	08/25/87	36.2 (1280)	--	2.28 (7.48)	--
1988	09/28/88	13.3 (471)	--	1.19 (3.90)	--
1989	09/09/89	41.1 (1450)	--	2.50 (8.21)	--
1990	07/29/90	53.0 (1870)	--	2.62 (8.600)	--
1991	06/04/91	85.0 (3000)	--	2.92 (9.58)	--
1992	07/30/92	32.6 (1150)	--	1.95 (6.40)	--
1993	03/10/93	66.8 (2360)	--	2.92 (9.570)	--

06880000 LINCOLN CREEK NEAR SEWARD, NE

LOCATION.--Lat. 40°54'57", long 97°08'43", in NW1/4 NE1/4 sec.24, T.11 N., R.2 E., Seward County, Hydrologic Unit 10270201, on left bank at downstream side of county road bridge, 3.2 km (2 mi) west of Seward, and 6.1 km (3.8 mi) upstream from mouth.

DRAINAGE AREA.--1,130 km² (438 mi²).

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

GAGE.--Water-stage recorder. Datum of gage is 435.64 m (1,429.27 ft) above sea level. June 27, 1984 to June 2, 1985 at temporary site upstream from county road at same datum.

REMARKS.-- Small diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 286 m³/s (10,100 ft³/s) June 17, 1957, gage height, 6.26 m (20.53 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1954	06/18/54	71.9 (2540)	--	5.53 (18.15)	--
1955	06/19/55	9.80 (346)	--	2.98 (9.77)	--
1956	06/28/56	5.78 (204)	--	2.40 (7.89)	--
1957	06/17/57	286 (10100)	--	6.26 (20.53)	--
1958	09/07/58	19.1 (676)	--	3.86 (12.68)	--
1959	05/06/59	14.2 (503)	--	3.50 (11.50)	--
1960	03/29/60	93.5 (3300)	--	5.67 (18.59)	--
1961	09/11/61	11.1 (391)	--	3.09 (10.15)	--
1962	06/09/62	27.9 (984)	--	4.34 (14.23)	--
1963	05/15/63	46.2 (1630)	--	4.94 (16.20)	--
1964	06/15/64	99.7 (3520)	--	5.57 (18.27)	--
1965	07/19/65	26.2 (924)	--	4.24 (13.91)	--
1966	10/02/65	50.7 (1790)	--	4.99 (16.38)	--
1967	06/15/67	146 (5150)	--	5.96 (19.55)	--
1968	08/12/68	23.8 (839)	--	4.05 (13.29)	--
1969	03/21/69	79.6 (2810)	--	5.47 (17.96)	--
1970	08/03/70	8.10 (286)	--	2.71 (8.89)	--
1971	03/13/71	46.7 (1650)	--	5.06 (16.60)	--
1972	07/27/72	13.5 (477)	--	3.40 (11.14)	--
1973	01/18/73	17.0 (600)	2	4.05 (13.30)	1
1974	05/22/74	33.1 (1170)	--	4.61 (15.13)	--
1975	06/23/75	25.3 (892)	--	4.04 (13.26)	--
1976	05/24/76	25.1 (888)	--	4.04 (13.24)	--
1977	09/03/77	44.5 (1570)	--	5.27 (17.28)	--
1978	03/15/78	37.9 (1340)	2	5.03 (16.51)	1
1979	03/14/79	63.4 (2240)	--	5.32 (17.44)	--
1980	06/08/80	49.6 (1750)	--	5.01 (16.45)	--
1981	10/16/80	24.0 (846)	--	3.97 (13.03)	--
1982	06/16/82	95.2 (3360)	--	5.68 (18.64)	--
1983	06/18/83	56.4 (1990)	--	5.65 (18.55)	--
1984	06/16/84	61.2 (2160)	--	5.28 (17.31)	--
1985	07/19/85	150 (5300)	--	5.97 (19.60)	--

06880000 LINCOLN CREEK NEAR SEWARD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	07/01/86	125	(4420)	--	5.87	(19.26)	--
1987	08/26/87	92.3	(3260)	--	5.73	(18.79)	--
1988	09/29/88	11.7	(413)	--	2.94	(9.63)	--
1989	09/09/89	79.6	(2810)	--	5.62	(18.45)	--
1990	07/29/90	50.1	(1770)	--	4.93	(16.17)	--
1991	06/05/91	47.6	(1680)	--	4.93	(16.16)	--
1992	07/31/92	34.8	(1230)	--	4.50	(14.78)	--
1993	03/10/93	92.9	(3280)	--	5.59	(18.35)	--

06880500 BIG BLUE RIVER AT SEWARD, NE

LOCATION.--Lat. 40°54'10", long 97°06'40", in SE1/4 SW1/4 sec.20, T.11 N., R.3 E., Seward County, Hydrologic Unit 10270201, at downstream side of right abutment of bridge on U.S. Highway 34 at west edge of Seward, 2.7 km (1.7 mi) upstream from Plum Creek, 0.3 km (0.2 mi) downstream from Lincoln Creek, and at kilometer 343 (mile 213).

DRAINAGE AREA.--2,867 km² (1,107 mi²).

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

GAGE.--Water-stage recorder. Datum of gage is 433.27 m (1,421.49 ft) above sea level. Prior to Dec. 19, 1969, at present site and datum. Dec. 19, 1969 to Nov. 1983 at site 1.9 km (1.2 mi) downstream at datum 1.93 m (6.33 ft) lower.

REMARKS.--Natural flow of stream affected by ground-water withdrawals and diversions for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 433 m³/s (15,300 ft³/s) June 18, 1957, gage height, 6.81 m (22.34 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1954	06/18/54	79.3	(2800)	--	4.24	(13.92)	1, 2
1955	06/19/55	10.7	(378)	6	1.51	(4.95)	2
1956	05/16/56	15.1	(534)	--	1.75	(5.74)	--
1957	06/18/57	433	(15300)	--	6.81	(22.34)	1
1958	07/25/58	82.7	(2920)	--	4.41	(14.48)	--
1959	05/06/59	32.3	(1140)	--	2.84	(9.32)	--
1960	03/30/60	232	(8200)	--	6.00	(19.70)	--
1961	09/11/61	22.7	(800)	--	1.90	(6.22)	--
1962	06/10/62	229	(3100)	--	4.22	(13.83)	--
1963	06/25/63	425	(15000)	--	6.65	(21.81)	--
1964	06/15/64	104	(3660)	--	5.07	(16.64)	--
1965	07/21/65	51.3	(1810)	--	3.47	(11.88)	--
1966	10/02/65	121	(4260)	--	--	--	--
1967	06/16/67	411	(14500)	--	6.96	(22.83)	--
1968	08/11/68	34.0	(1200)	--	2.76	(9.07)	--
1969	03/20/69	168	(5920)	--	5.68	(18.62)	--
1970	08/04/70	8.78	(310)	--	1.95	(6.39)	2
1971	03/15/71	184	(6500)	--	7.03	(23.07)	--
1972	07/15/72	50.4	(1780)	--	4.54	(14.89)	--
1973	05/30/73	68.3	(2410)	--	5.24	(17.19)	--
1974	05/22/74	106	(3730)	--	6.26	(20.54)	--
1975	06/26/75	56.4	(1990)	--	5.55	(18.20)	1
1976	05/24/76	37.1	(1310)	--	3.83	(12.56)	--
1977	09/04/77	125	(4400)	--	7.15	(23.46)	--
1978	03/16/78	108	(3820)	--	6.65	(21.83)	--
1979	03/14/79	100	(3530)	--	6.61	(21.67)	--
1980	06/02/80	58.1	(2050)	--	4.82	(15.81)	--
1981	10/16/80	29.2	(1030)	--	5.89	(19.31)	1
1982	06/16/82	191	(6730)	--	7.42	(24.33)	--
1983	06/19/83	153	(5400)	--	7.34	(24.09)	--
1984	06/16/84	150	(5290)	--	5.63	(18.47)	--
1985	07/20/85	162	(5710)	--	6.18	(20.28)	--

06880500 BIG BLUE RIVER AT SEWARD, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	07/02/86	257	(9080)	--	6.82	(22.37)	--
1987	03/25/87	161	(5700)	--	5.90	(19.35)	--
1988	09/30/88	21.5	(7600)	--	2.16	(7.07)	--
1989	09/10/89	116	(4080)	--	5.72	(18.75)	--
1990	07/27/90	69.4	(2450)	--	4.63	(15.18)	--
1991	06/06/91	131	(4620)	--	5.53	(18.14)	--
1992	07/30/92	64.0	(2260)	--	4.36	(14.29)	--
1993	03/11/93	216	(7640)	--	6.36	(20.86)	--

06880508 PLUM CREEK NEAR SEWARD, NE

LOCATION.--Lat. 40°55'49", long 97°04'32", in NE1/4 NW1/4 sec.15, T.11 N., R.3 E., Seward County, at bridge on east-west county road 1.0 km (0.6 mi) north and 2.1 km (1.3 mi) east of Seward.

DRAINAGE AREA.--221 km² (85.5 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus type crest-stage gage. Datum of gage is 438.82 m (1,439.69 ft) above sea level. Lowest recording stage, since May 11, 1970, is 3.13 m (10.27 ft). A indirect measurement was made at this site for the peak of June 24, 1963. Seventy percent of the flow computed for this peak was road overflow. On Dec. 1, 1969, the gage was removed to permit construction of a new bridge. On May 11, 1970, a new gage was established at the site on the newly constructed bridge. The original datum was maintained.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 572 m³/s (20,200 ft³/s) June 24, 1963, gage height, 6.45 m (21.16 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 53.8 m³/s (1,900 ft³/s) Oct. 11, 1973, gage height, 5.84 m (19.16 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1963	06/24/63	572	(20200)	7	6.45	(21.16)	--
1968	08/10/68	11.3	(400)	2	--	--	--
1969	03/18/69	28.3	(1000)	2	5.82	(19.10)	1
1970	08/03/70	0.28	(10)	2	--	--	--
1971	03/06/71	21.8	(770)	--	4.75	(15.58)	--
1972	05/06/72	9.06	(320)	--	3.43	(11.26)	--
1973	09/03/73	16.1	(570)	--	4.21	(13.80)	--
1974	10/11/73	53.8	(1900)	--	5.84	(19.16)	--
1975	06/18/75	12.3	(435)	--	4.10	(13.45)	--
1976	04/28/76	6.23	(220)	--	3.35	(11.00)	--
1977	09/01/77	39.6	(1400)	--	5.50	(18.03)	--
1978	04/09/78	36.8	(1300)	--	5.40	(17.70)	--

06880590 NORTH BRANCH WEST FORK BIG BLUE RIVER TRIBUTARY AT GILTNER, NE

LOCATION.--Lat. 40°47'04", long 98°08'57", in NE1/4 NE1/4 sec.6, T.9 N., R.7 W., Hamilton County, at upstream end of 10'x10'x54' (3.0 x 3.0 x 16.5 m) double-barrel concrete box culvert under Nebraska Highway Spur 502, 1.1 km (0.7 mi) north of Giltner.

DRAINAGE AREA.--19.5 km² (7.52 mi²), of which about 6.32 km² (2.44 mi²) is a closed basin and does not contribute as surface runoff under normal conditions.

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Two sections of Columbus-type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 26.8 m³/s (945 ft³/s) June 9, 1974, gage height, 3.98 m (13.04 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	08/10/68	19.8	(700)	--	3.64	(11.94)	--
1969	03/17/69	15.0	(530)	--	3.49	(11.44)	--
1970	08/01/70	11.9	(420)	--	3.43	(11.24)	--
1971	02/18/71	11.0	(390)	--	3.44	(11.20)	--
1972	09/19/72	1.36	(48)	--	3.12	(10.22)	--
1973	03/25/73	2.01	(71)	--	3.16	(10.37)	--
1974	06/09/74	26.8	(945)	--	3.98	(13.04)	--
1975	06/18/75	5.04	(178)	--	3.29	(10.82)	--
1976	09/25/76	6.51	(230)	--	3.34	(10.97)	--
1977	08/14/77	13.9	(490)	--	3.47	(11.37)	--
1978	04/09/78	0.28	(10)	2	3.02	(9.90)	--

06880710 SCHOOL CREEK TRIBUTARY NEAR HARVARD, NE

LOCATION.--Lat. 40°34'58", long 98°03'58", in SW1/4 SW1/4 sec.12, T.7 N., R.7 W., Clay County, on downstream end of right pier of concrete bridge on U.S. Highway 6, 1.4 km (0.9 mi) west of junction with State Highway 14, and 4.8 km (3.0 mi) southeast of Harvard.

DRAINAGE AREA.--33.9 km² (13.1 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 536.45 m (1760.00 ft) above sea level. Lowest recording stage, since Aug. 31, 1960, is 3.05 m (10.00 ft). Prior to July 10, 1954, lowest recording stage was 2.66 m (8.74 ft). From July 10, 1954, until Aug 31, 1960, lowest recording stage was 2.83 m (9.29 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 28.3 m³/s (999 ft³/s) May 21, 1961, gage height, 4.01 m (13.16 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1952	07/14/52	1.13 (40)	--	3.41 (11.20)	--
1953	06/05/53	0.03 (1)	--	2.99 (9.81)	--
1954	05/23/54	.11 (4)	--	3.12 (10.22)	--
1955	06/17/55	≤.01 (≤.5)	--	2.92 (9.57)	--
1956	06/06/56	1.13 (40)	--	3.41 (11.19)	--
1957	06/17/57	2.78 (98)	--	3.52 (11.55)	--
1958	09/06/58	6.23 (220)	--	3.70 (12.14)	--
1959	05/20/59	4.05 (143)	--	3.59 (11.78)	--
1960	06/09/60	8.50 (300)	--	3.71 (12.17)	--
1961	05/21/61	28.3 (999)	--	4.01 (13.16)	--
1962	03/20/62	5.61 (198)	--	3.61 (11.84)	--
1963	06/26/63	14.7 (520)	--	3.85 (12.62)	--
1964	08/20/64	.28 (10)	--	3.21 (10.52)	--
1965	05/22/65	6.09 (215)	--	3.71 (12.16)	--
1966	/ /66	≤.01 (≤.5)	--	-- --	--
1967	06/13/67	1.42 (50)	--	3.43 (11.26)	--
1968	08/27/68	.28 (10)	--	3.27 (10.74)	--
1969	08/31/69	.65 (23)	--	3.36 (11.04)	--
1970	07/22/70	≤.01 (≤.5)	--	3.03 (9.95)	--

06880720 SCHOOL CREEK NEAR HARVARD, NE

LOCATION.--Lat. 40°35'49", long 98°03'04", in NW1/4 NW1/4 sec.7, T.7 N., R.6 W., Clay County, at bridge on black-top county road, 1.4 km (0.9 mi) north of junction of U.S. Highway 6 and State Highway 14 and 4.8 km (3.0 mi) southeast of Harvard.

DRAINAGE AREA.--133 km² (51.5 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 531.88 m (1745.00 ft) above sea level. Lowest recording stage, since Oct. 15, 1975, is 3.32 m (10.88 ft). Prior to July 10, 1954, lowest recording stage was 2.86 m (9.40 ft). From July 10, 1954, until Oct. 15, 1975, lowest recording stage was 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 76.2 m³/s (2,690 ft³/s) May 21, 1961, gage height, 5.38 m (17.64 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	06/05/53	1.53 (54)	--	4.01 (13.17)	--
1954	04/20/54	2.97 (105)	--	4.31 (14.15)	--
1955	06/04/55	1.44 (51)	--	3.98 (13.06)	--
1956	06/06/56	8.13 (287)	--	4.67 (15.33)	--
1957	06/17/57	11.0 (387)	--	4.78 (15.70)	--
1958	07/10/58	27.2 (960)	--	5.10 (16.74)	--
1959	05/20/59	10.5 (370)	--	4.77 (15.65)	--
1960	03/27/60	35.1 (1240)	--	5.22 (17.11)	--
1961	05/21/61	76.2 (2690)	--	5.38 (17.64)	--
1962	03/20/62	11.1 (393)	--	4.67 (15.33)	--
1963	06/26/63	11.3 (398)	--	4.68 (15.34)	--
1964	04/25/64	0.28 (10)	--	3.44 (11.27)	--
1965	06/29/65	14.7 (520)	--	4.94 (16.20)	--
1966	07/29/66	5.61 (198)	--	4.50 (14.76)	--
1967	06/13/67	6.71 (237)	--	4.57 (15.08)	--
1968	06/25/68	4.53 (160)	--	4.37 (14.33)	--
1969	03/17/69	15.6 (550)	--	4.96 (16.27)	--
1970	07/11/70	1.13 (40)	--	3.74 (12.28)	--
1971	02/18/71	3.94 (139)	--	4.29 (14.07)	--
1972	07/25/72	29.2 (1030)	--	5.20 (17.06)	--
1973	05/27/73	5.52 (195)	--	4.49 (14.72)	--
1974	10/11/73	18.0 (635)	--	4.90 (16.07)	--
1975	06/18/75	5.66 (200)	2	--	--
1976	04/16/76	.03 (1)	2	3.33 (10.92)	--
1977	09/12/77	56.6 (2000)	2	5.66 (18.58)	--
1978	07/07/78	5.66 (200)	--	4.26 (13.98)	--

06880730 SCHOOL CREEK TRIBUTARY NO. 2 NEAR HARVARD, NE

LOCATION.--Lat. 40°36'42", long 98°03'36", in SE1/4 SW1/4 sec.31 T.8 N., R. 6W., Clay County, on right downstream concrete wingwall of concrete culvert on east-west portion of SR14, 100 ft north of R.R. underpass, 0.6 km (0.4 mi) east of turn of SR14 to south, 3.9 km (2.4 mi) north and east of U.S. Highway 6, and 5 km (3 mi) east of Harvard.

DRAINAGE AREA.--42.5 km² (16.4 mi²).

PERIOD OF RECORD.--1953 to 1978 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 533.40 m (1,750.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 31.7 m³/s (1,120 ft³/s) June 6, 1961, gage height, 5.73 m (18.80 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1953	04/29/53	1.64 (68)	--	3.74 (12.16)	--
1954	04/20/54	1.98 (70)	--	3.76 (12.20)	--
1955	06/04/55	2.29 (81)	--	3.83 (12.42)	--
1956	06/06/56	5.13 (181)	--	4.27 (13.86)	--
1957	06/17/57	4.64 (164)	--	4.21 (13.67)	--
1958	07/10/58	14.4 (510)	--	4.98 (16.17)	--
1959	05/05/59	3.88 (137)	--	4.11 (13.34)	--
1960	03/27/60	16.5 (584)	--	5.18 (16.83)	--
1961	06/06/61	31.7 (1120)	--	5.79 (18.80)	--
1962	03/20/62	4.50 (159)	--	4.19 (13.61)	--
1963	06/26/63	5.27 (186)	--	4.28 (13.91)	--
1964	08/20/64	1.47 (52)	--	3.62 (11.76)	--
1965	06/29/65	10.1 (356)	--	4.71 (15.30)	--
1966	07/29/66	6.25 (221)	--	4.39 (14.26)	--
1967	06/13/67	9.86 (348)	--	4.69 (15.24)	--
1968	06/25/68	2.80 (99)	--	3.93 (12.77)	--
1969	03/17/69	11.3 (400)	--	4.80 (15.59)	--
1970	09/15/70	1.10 (39)	--	3.51 (11.38)	--
1971	02/18/71	1.47 (52)	--	3.62 (11.75)	--
1972	07/25/72	10.6 (375)	--	4.75 (15.42)	--
1973	05/27/73	7.79 (275)	--	4.34 (14.08)	--
1974	10/11/73	10.0 (354)	--	4.53 (14.71)	--
1975	06/18/75	7.25 (256)	--	4.28 (13.90)	--
1976	09/25/76	0.23 (8)	--	3.18 (10.34)	--
1977	09/12/77	2.27 (80)	--	3.83 (12.44)	--
1978	04/17/78	5.66 (200)	--	4.56 (14.80)	--

06880740 SCHOOL CREEK NEAR SARONVILLE, NE

LOCATION.--Lat. 40°34'58", long 97°57'25", in SW1/4 SW1/4 sec.12, T.7 N., R.6 W., Clay County, Hydrologic Unit 10270203, on downstream pier of wood bridge on dirt road, 15 m (50 ft) north of U.S. Highway 6, 2.4 km (1.5 mi) southwest of Saronville, and 11 km (7.0 mi) east of Harvard.

DRAINAGE AREA.--232 km² (89.4 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 519.68 m (1,705.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 105 m³/s (3,720 ft³/s) Mar. 27, 1960, gage height, 5.88 m (19.29 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	07/14/52	36.2	(1280)	--	5.36	(17.60)	--
1953	05/27/53	0.99	(35)	--	3.04	(9.99)	--
1954	05/23/54	4.33	(153)	--	3.95	(12.95)	--
1955	06/04/55	4.05	(143)	--	3.89	(12.77)	--
1956	06/06/56	16.5	(582)	--	4.78	(15.70)	--
1957	06/17/57	33.7	(1190)	--	5.32	(17.45)	--
1958	07/10/58	25.5	(900)	--	5.14	(16.88)	--
1959	05/20/59	14.7	(520)	--	4.74	(15.56)	--
1960	03/27/60	105	(3720)	--	5.88	(19.29)	--
1961	05/22/61	66.0	(2330)	--	6.05	(19.86)	--
1962	03/20/62	17.8	(630)	--	4.65	(15.25)	--
1963	06/26/63	17.7	(625)	--	4.63	(15.18)	--
1964	08/20/64	3.82	(135)	--	3.60	(11.82)	--
1965	06/29/65	27.2	(960)	--	5.01	(16.43)	--
1966	02/09/66	13.5	(475)	--	4.43	(14.53)	--
1967	06/13/67	17.6	(620)	--	4.87	(15.98)	--
1968	08/10/68	10.1	(355)	--	4.47	(14.67)	--
1969	03/17/69	33.4	(1180)	--	5.40	(17.70)	--
1970	10/16/69	3.12	(110)	--	3.64	(11.95)	--

06880775 BEAVER CREEK TRIBUTARY NEAR HENDERSON, NE

LOCATION.--Lat. 40°48'52", long 97°48'43", in NW1/4 NE1/4 sec.30, T.10 N., R.4 W., York County, Hydrologic Unit 10270203, at upstream end of culvert under east west county road 3 km (2 mi) north and 0.5 km (0.3 mi) west of Henderson.

DRAINAGE AREA.--3.00 km² (1.16 mi²) which is almost all irrigated from wells.

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 1.47 m³/s (52 ft³/s) Aug.10, 1968, gage height, 3.72 m (12.19 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	08/10/68	1.47 (52)	--	3.72 (12.19)	--
1969	03/18/69	1.39 (49)	--	3.67 (12.05)	--
1970	08/01/70	0.96 (34)	--	3.48 (11.42)	--
1971	07/09/71	1.42 (50)	--	3.69 (12.10)	--
1972	07/11/72	.28 (10)	--	3.08 (10.10)	--
1973	03/24/73	.40 (14)	--	3.15 (10.34)	--
1974	10/11/73	.28 (10)	--	3.05 (10.08)	--
1975	06/22/75	.28 (10)	--	3.08 (10.10)	--
1976	09/25/76	.31 (11)	--	3.09 (10.15)	--
1977	05/21/77	.51 (18)	--	3.23 (10.60)	--
1978	/ /78	≤.01 (≤.5)	--	-- --	--

06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE

LOCATION.--Lat. 40°43'52", long 97°10'38", in SW1/4 SW1/4 sec.23, T.9 N., R.2 E., Seward County, Hydrologic Unit 10270203, on right bank 18 m (60 ft) downstream from bridge on county road, 10 km (6.2 mi) northwest of Dorchester, and 36.7 km (22.8 mi) upstream from mouth.

DRAINAGE AREA.--3,087 km² (1,192 mi²).

PERIOD OF RECORD.--1958 to current year.

GAGE.--Water-stage recorder. Datum of gage is 427.78 m (1,403.48 ft) above sea level. Prior to Apr. 14, 1970, on bridge pier 18 m (60 ft) upstream at same datum.

REMARKS.--Some diversions for irrigation above station. Natural flow of upstream affected by ground-water withdrawals for irrigation and return flow from irrigated areas.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1890, about 1,400 m³/s (49,400 ft³/s) July 10, 1950. gage height, 7.56 m (24.80 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 351 m³/s (12,400 ft³/s) Mar.11, 1993, gage height, 6.62 m (21.71 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/10/50	1400	(49400)	7	7.56	(24.80)	--
1958	09/08/58	51.0	(1800)	--	3.58	(11.74)	--
1959	07/07/59	81.8	(2890)	--	4.47	(14.66)	--
1960	03/30/60	317	(11200)	--	6.18	(20.28)	--
1961	05/25/61	83.0	(2930)	--	4.24	(13.91)	--
1962	03/22/62	76.7	(2710)	--	3.98	(13.04)	--
1963	08/16/63	48.4	(1710)	--	3.22	(10.55)	--
1964	06/15/64	33.7	(1190)	--	2.77	(9.10)	--
1965	06/08/65	130	(4590)	--	4.99	(16.36)	--
1966	10/01/65	82.7	(2920)	--	4.34	(14.23)	--
1967	06/16/67	194	(6850)	--	5.58	(18.30)	--
1968	07/27/68	39.1	(1380)	--	3.19	(10.48)	--
1969	03/20/69	323	(11400)	--	6.20	(20.34)	--
1970	08/05/70	26.6	(940)	--	1.22	(8.99)	--
1971	03/14/71	101	(3570)	--	4.60	(15.10)	--
1972	07/13/72	124	(4380)	--	5.14	(16.88)	--
1973	01/21/73	38.2	(1350)	2	3.58	(11.75)	1
1974	10/15/73	81.6	(2880)	--	4.50	(14.76)	--
1975	06/10/75	57.8	(2040)	--	3.88	(12.73)	--
1976	05/24/76	24.9	(878)	--	2.52	(8.25)	--
1977	09/18/77	56.1	(1980)	--	4.05	(13.30)	--
1978	03/16/78	112	(3960)	--	5.15	(16.90)	--
1979	03/07/79	130	(4600)	2, 9	5.62	(18.43)	1
1980	06/03/80	44.5	(1570)	--	3.49	(11.45)	--
1981	10/16/80	30.9	(1090)	--	3.00	(9.84)	--
1982	07/02/82	159	(5620)	--	5.67	(18.60)	--
1983	06/19/83	130	(4600)	--	5.42	(17.80)	--
1984	05/22/84	194	(6860)	--	5.74	(18.82)	--
1985	05/16/85	145	(5130)	--	5.39	(17.67)	--

06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	07/01/86	334	(11800)	--	6.89	(22.62)	--
1987	03/25/87	222	(7840)	--	5.95	(19.51)	--
1988	09/30/88	32.6	(1150)	--	2.92	(9.58)	--
1989	09/10/89	89.8	(3170)	--	4.80	(15.75)	--
1990	07/22/90	145	(6810)	--	6.27	(20.58)	--
1991	06/04/91	182	(6420)	--	5.86	(19.21)	--
1992	07/26/92	130	(4580)	--	5.30	(17.40)	--
1993	03/11/93	351	(12400)	--	6.62	(21.71)	--

06881000 BIG BLUE RIVER NEAR CRETE, NE

LOCATION.--Lat. 40°35'47", long 96°57'33", in SW1/4 SE1/4 sec.3, T.7 N., R.4 E., Saline County, Hydrologic Unit 10270202, on right bank near downstream side of county road bridge, 2.9 km (1.8 mi) south of Missouri Pacific Railroad station in Crete, 5.3 km (3.3 mi) downstream from Walnut Creek, 5.8 km (3.6 mi) upstream from Squaw Creek, and at kilometer 269 (mile 167).

DRAINAGE AREA.--7,019 km² (2,710 mi²).

PERIOD OF RECORD.--1945 to current year. Prior to Oct. 1, 1953, discharge published only for stages above 3.7 m (12.0 ft) because of variable backwater from dam downstream until 1952 and diurnal fluctuation from powerplant upstream in 1952-53.

GAGE.--Water-stage recorder. Datum of gage is 399.81 m (1,311.7 ft) above sea level. Prior to Jan. 20, 1954, non recording gage and Jan. 21, 1954 to Mar. 27, 1986, recording gage on right bank at downstream side of county road bridge at present datum. Mar. 28, 1986 to May 11, 1988 at temporary location, on right bank 76.2 km (250 ft) downstream from bridge at present datum.

REMARKS.--Natural flow of stream affected by ground-water and surface-water withdrawals for irrigation and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 782 m³/s (27,600 ft³/s) July 10, 1950, gage height, 8.76 m (28.74 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1945	06/17/45	224	(7900)	--	6.87	(22.55)	--
1946	06/21/46	164	(5800)	--	6.34	(20.79)	--
1947	06/14/47	250	(8820)	--	7.18	(23.57)	--
1948	03/20/48	447	(15800)	--	7.88	(25.86)	--
1949	03/08/49	592	(20900)	--	8.23	(27.00)	--
1950	07/10/50	782	(27600)	--	8.76	(28.74)	--
1951	06/03/51	722	(25500)	--	8.63	(28.30)	--
1952	06/27/52	300	(10600)	--	7.32	(24.00)	--
1953	07/21/53	43.3	(1530)	--	3.48	(11.41)	--
1954	06/19/54	144	(5080)	--	6.08	(19.93)	--
1955	06/19/55	45.3	(1600)	--	3.67	(12.03)	--
1956	07/02/56	26.1	(922)	--	2.84	(9.31)	--
1957	06/19/57	629	(22200)	--	8.39	(27.53)	--
1958	07/24/58	154	(5430)	--	6.16	(20.22)	--
1959	05/06/59	105	(3700)	--	5.40	(17.70)	--
1960	03/30/60	651	(23000)	--	8.53	(28.00)	--
1961	05/26/61	71.9	(2540)	--	4.33	(14.20)	--
1962	03/24/62	165	(5830)	--	6.07	(19.92)	--
1963	06/26/63	225	(7930)	--	7.08	(23.23)	--
1964	06/17/64	157	(5560)	--	6.00	(19.70)	--
1965	06/09/65	235	(8300)	--	6.97	(22.86)	--
1966	10/04/65	158	(5600)	--	6.26	(20.54)	--
1967	06/16/67	688	(24300)	--	9.08	(29.80)	--
1968	08/13/68	50.4	(1780)	--	3.88	(12.72)	--
1969	03/21/69	498	(17600)	--	8.32	(27.30)	--
1970	08/05/70	32.9	(1160)	--	3.27	(10.73)	--
1971	03/16/71	227	(8000)	--	6.89	(22.61)	--
1972	07/14/72	109	(3860)	--	5.55	(18.20)	--
1973	04/01/73	96.6	(3410)	--	5.05	(16.56)	--
1974	10/11/73	213	(7520)	--	8.87	(23.11)	--
1975	06/24/75	92.9	(3280)	--	5.10	(16.72)	--

06881000 BIG BLUE RIVER NEAR CRETE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1976	05/25/76	35.4	(1250)	--	3.34	(10.97)	--
1977	09/06/77	148	(5240)	--	6.31	(20.69)	--
1978	03/17/78	317	(11200)	--	7.51	(24.63)	--
1979	03/08/79	216	(7610)	--	6.85	(22.48)	--
1980	06/03/80	96.8	(3420)	--	5.29	(17.35)	--
1981	09/25/81	104	(3660)	--	5.44	(17.83)	--
1982	06/17/82	232	(8180)	--	7.16	(23.49)	--
1983	06/20/83	362	(12800)	--	7.89	(25.90)	--
1984	06/18/84	297	(10500)	--	7.67	(25.16)	--
1985	07/22/85	239	(8430)	--	7.58	(24.87)	--
1986	07/03/86	612	(21600)	--	9.10	(29.86)	--
1987	03/25/87	513	(18100)	--	8.49	(27.84)	--
1988	09/30/88	54.9	(1940)	--	4.39	(14.40)	--
1989	09/12/89	209	(7370)	--	7.34	(24.07)	--
1990	07/29/90	168	(5920)	--	6.69	(21.96)	--
1991	06/06/91	238	(8420)	--	7.29	(23.93)	--
1992	07/31/92	167	(5880)	--	6.68	(21.91)	--
1993	03/12/93	532	(18800)	--	8.78	(28.80)	--

06881200 TURKEY CREEK NEAR WILBER, NE

LOCATION.--Lat. 40°28'48", long 97°00'43", in NE1/4 NE1/4 sec.19, T.6 N., R.4 E., Saline County, Hydrologic Unit 10270204, on left bank near downstream side of bridge on State Highway 41, 4.5 km (2.8 mi) west of Wilber, and at kilometer 30.7 (mile 19.1).

DRAINAGE AREA.--1,194 km² (461 mi²).

PERIOD OF RECORD.--1960 to current year.

GAGE.--Water-stage recorder. Datum of gage is 402.95 m (1,322.00 ft) above sea level. Prior to July 10, 1970, at site 0.3 km (0.2 mi) downstream at same datum.

REMARKS.--Many diversions for irrigation above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 935 m³/s (33,000 ft³/s) June 13, 1984, gage height, 6.53 m (21.43 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1960	03/28/60	207	(7300)	--	4.55	(14.92)	--
1961	05/26/61	28.9	(1020)	--	3.15	(10.34)	--
1962	03/24/62	42.5	(1500)	--	3.34	(10.96)	--
1963	06/25/63	116	(4100)	--	4.28	(14.05)	--
1964	06/16/64	25.3	(895)	--	2.91	(9.56)	--
1965	06/29/65	131	(4620)	--	4.32	(14.17)	--
1966	02/10/66	42.5	(1500)	--	3.52	(11.55)	--
1967	06/10/67	173	(6110)	--	4.43	(14.53)	--
1968	09/16/68	25.7	(908)	--	3.00	(9.86)	--
1969	03/20/69	139	(4920)	--	4.19	(13.74)	--
1970	08/04/70	19.6	(692)	--	3.13	(10.27)	--
1971	05/11/71	68.5	(2420)	--	4.26	(13.98)	2
1972	07/14/72	41.9	(1480)	--	4.01	(13.15)	--
1973	09/26/73	49.6	(1750)	--	4.18	(13.70)	--
1974	10/12/73	198	(7000)	--	5.46	(17.92)	--
1975	06/22/75	28.6	(1010)	--	3.57	(11.70)	--
1976	07/20/76	22.1	(782)	--	3.22	(10.55)	--
1977	09/17/77	45.6	(1610)	--	4.12	(13.53)	--
1978	03/16/78	99.4	(3510)	--	4.61	(15.11)	--
1979	03/04/79	96.9	(3420)	--	4.72	(15.47)	--
1980	06/02/80	29.5	(1040)	B	3.57	(11.70)	--
1981	05/21/81	18.7	(660)	--	2.99	(9.80)	--
1982	06/28/82	121	(4280)	--	4.95	(16.25)	--
1983	06/20/83	81.0	(2860)	--	4.43	(14.53)	--
1984	06/13/84	935	(33000)	--	6.53	(21.43)	--
1985	05/18/85	33.7	(1190)	--	3.60	(11.82)	--
1986	07/01/86	250	(8820)	--	5.59	(18.33)	--
1987	03/25/87	234	(8260)	--	5.46	(17.90)	--
1988	09/30/88	20.2	(713)	--	2.78	(9.11)	--
1989	09/09/89	62.3	(2200)	--	4.21	(13.82)	--
1990	06/18/90	79.0	(2790)	--	4.40	(14.45)	--
1991	06/03/91	35.7	(1260)	--	3.57	(11.72)	--
1992	07/25/92	81.3	(2870)	--	4.62	(15.14)	--
1993	07/25/93	165	(5810)	--	5.32	(17.44)	--

06881250 SOUTH FORK SWAN CREEK TRIBUTARY NEAR WESTERN, NE

LOCATION.--Lat. 40°18'18", long 97°10'46", in NE1/4 NE1/4 sec.22, T.4 N., R.2 E., Jefferson County, Hydrologic Unit 10270204, at upstream end of culvert under Nebraska Highway 15, 10 km (6.2 mi) southeast of Western, 18.5 km (11.5 mi) north of Fairbury and 10.1 km (6.3 mi) east, 1.8 km (1.1 mi) south of Daykin, and about 107 m (350 ft) south of the intersection of Nebraska Highways 15 and 4.

DRAINAGE AREA.--0.18 km² (0.07 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Two Columbus type crest-stage gage. Datum of gage is 431.90 m (1,417 ft) above sea level. Lowest recording stage is 2.52 m (8.28 ft). Prior to April 13, 1972, lowest recording stage was 3.05 m (10.00 ft)

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height recorded, 3.48 m (11.41 ft) July 7, 1978, no discharge computed.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	08/18/68	--	--	--	3.27	(10.73)	--
1969	07/06/69	--	--	--	2.54	(8.33)	--
1970	/ /70	≤.01	(≤.5)	--	--	--	4
1971	03/02/71	--	--	--	2.99	(9.80)	--
1972	05/01/72	--	--	--	2.78	(9.13)	--
1973	05/27/73	--	--	--	3.12	(10.25)	--
1974	10/10/73	--	--	--	3.43	(11.24)	--
1975	06/03/75	--	--	--	3.31	(10.86)	--
1976	05/22/76	--	--	--	2.84	(9.30)	--
1977	05/16/77	--	--	--	3.21	(10.53)	--
1978	07/07/78	--	--	--	3.48	(11.41)	--

06881450 INDIAN CREEK AT BEATRICE, NE

LOCATION.--Lat. 40°17'08", long 96°44'47", in SE1/4 NE1/4 sec.28, T.4 N., R.6 E., Gage County, Hydrologic Unit 10270202, on left pier at downstream side of bridge on U.S. Highway 77, 3.2 km (2.0 mi) upstream from the mouth and at the north edge of Beatrice.

DRAINAGE AREA.--194 km² (74.7 mi²).

PERIOD OF RECORD.--1960 to 1993 (discontinued).

GAGE.--Columbus-type crest-stage gage. Datum of gage is 379.17 m (1244.00 ft) above sea level. Lowest recording stage is 1.97 m (6.45 ft). On May 28, 1964, the gage was removed, reinstalled on July 17, 1964 to the same datum. Due to the construction of shopping area in 1968, channel reshaped for about 305 m (1,000 ft) downstream of gage. On Oct. 12, 1970 gage removed for construction of bridge. The gage was installed on the downstream end of the left pier of the remodeled bridge. The datum of all previous gages was maintained. Prior to Oct. 12, 1970, lowest recording stage was 2.00 m (6.55 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 161 m³/s (5,700 ft³/s) Oct. 10, 1973, gage height, 5.43 m (17.82 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1960	03/28/60	62.3	(2200)	2	5.09	(16.70)	--
1961	09/13/61	23.2	(820)	--	3.05	(10.00)	--
1962	07/20/62	30.3	(1070)	--	3.45	(11.31)	--
1963	06/24/63	26.8	(945)	--	3.25	(10.67)	--
1964	09/19/64	15.0	(530)	--	2.27	(7.46)	--
1965	06/29/65	51.0	(1800)	--	3.72	(12.20)	--
1966	07/26/66	0.71	(25)	--	1.23	(4.04)	--
1967	07/27/67	47.0	(1660)	--	3.58	(11.75)	--
1968	08/19/68	2.72	(96)	--	2.37	(7.77)	--
1969	05/21/69	22.7	(800)	2	3.77	(12.38)	--
1970	06/16/70	.57	(20)	2	1.70	(5.58)	--
1971	05/18/71	1.39	(49)	--	1.93	(6.33)	--
1972	05/13/72	2.49	(88)	--	2.27	(7.45)	--
1973	09/26/73	108	(3800)	--	4.62	(15.15)	--
1974	10/10/73	161	(5700)	--	5.43	(17.82)	--
1975	06/09/75	48.7	(1720)	--	3.49	(11.45)	--
1976	04/24/76	30.6	(1080)	--	3.05	(10.02)	--
1977	09/03/77	55.2	(1950)	--	4.33	(14.21)	--
1978	07/06/78	58.1	(2050)	--	4.50	(14.78)	--
1979	06/28/79	78.4	(2770)	--	4.63	(15.20)	--
1980	06/02/80	36.8	(1300)	--	3.19	(10.48)	--
1981	09/25/81	22.7	(800)	--	2.79	(9.16)	--
1982	03/19/82	83.5	(2950)	--	4.20	(13.79)	--
1983	06/18/83	90.6	(3200)	--	4.32	(14.19)	--
1984	04/03/84	56.6	(2000)	--	3.71	(12.16)	--
1985	09/13/85	55.2	(1950)	--	3.64	(11.95)	--
1986	06/30/86	73.6	(2600)	--	4.02	(13.19)	--
1987	10/12/86	113	(4000)	--	4.87	(15.97)	--
1988	05/24/88	3.68	(130)	--	1.69	(5.54)	--
1989	07/01/89	65.1	(2300)	--	3.87	(12.70)	--
1991	06/08/91	8.50	(300)	--	2.04	(6.71)	--
1992	07/25/92	102	(3600)	--	4.52	(14.83)	--
1993	07/18/93	113	(4000)	--	4.79	(15.72)	--

06881500 BIG BLUE RIVER AT BEATRICE, NE

LOCATION.--Lat. 40°15'22", long 96°44'47", in SW1/4 NW1/4 sec.3, T.3 N., R.6 E., Gage County, Hydrologic Unit 10270202, at left upstream corner of 6th Street and U.S. Highway 77 bridge in Beatrice, 1.1 km (0.7 mi) south of the intersection of U.S. Highways 136 and 77, 1.9 km (1.2 mi) downstream from Indian Creek, and 5.0 km (3.1 mi) upstream from Bear Creek, and at kilometer 188 (mile 117).

DRAINAGE AREA.--10,100 km² (3,900 mi²), of which about 9,920 km² (3,830 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1902-03, 1906 to current year.

GAGE.--Water-stage recorder. Datum of gage is 371.83 m (1,219.90 ft) above sea level. October 1910 to September 1915, non-recording gage at present site and datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,560 m³/s (55,100 ft³/s) June 14, 1984, gage height, 9.53 m (31.27 ft); discharge is maximum since 1902.

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1902	/ /02	813	(28700)	--	7.32	(24.00)	--
1903	05/29/03	912	(32200)	--	7.80	(25.60)	--
1906	05/04/06	102	(3600)	--	2.16	(7.10)	--
1907	07/15/07	289	(10200)	--	4.21	(13.80)	--
1908	06/28/08	731	(25800)	--	6.77	(22.20)	--
1909	07/06/09	566	(20000)	--	6.00	(19.70)	--
1910	06/09/10	68.0	(2400)	--	1.80	(5.90)	--
1911	07/23/11	935	(33000)	--	7.92	(26.00)	--
1912	03/20/12	612	(21600)	--	6.13	(20.10)	--
1913	05/21/13	266	(94000)	--	4.21	(13.80)	--
1914	06/16/14	348	(12300)	--	4.97	(16.30)	--
1915	07/16/15	235	(8290)	--	4.08	(13.40)	--
1916	02/18/16	464	(16400)	--	5.49	(18.00)	--
1917	06/06/17	102	(3600)	--	2.35	(7.70)	--
1918	05/27/18	218	(7700)	--	3.78	(12.40)	--
1919	06/10/19	167	(5900)	--	3.23	(10.60)	--
1920	04/11/20	68.0	(2400)	--	1.80	(5.90)	--
1921	05/10/21	70.8	(2500)	--	1.86	(6.10)	--
1922	07/07/22	110	(3900)	--	2.47	(8.10)	--
1923	09/30/23	649	(22900)	--	6.49	(21.30)	--
1924	07/23/24	82.1	(2900)	--	3.35	(11.00)	--
1925	06/17/25	295	(10400)	--	5.27	(17.30)	--
1926	09/16/26	187	(6600)	--	4.39	(14.40)	--
1927	08/07/27	133	(4700)	--	3.87	(12.70)	--
1928	06/23/28	22.7	(800)	--	2.62	(8.60)	--
1929	03/06/29	164	(5800)	--	4.18	(13.70)	--
1930	05/14/30	312	(11000)	--	5.40	(17.70)	--
1931	09/25/31	34.0	(1200)	--	2.80	(9.20)	--
1932	06/04/32	181	(6400)	--	4.33	(14.20)	--
1933	08/23/33	34.0	(1200)	--	2.80	(9.20)	--
1934	09/04/34	19.8	(700)	--	2.59	(8.50)	--
1935	06/01/35	283	(10000)	--	5.18	(17.00)	--

06881500 BIG BLUE RIVER AT BEATRICE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1936	03/06/36	127	(4500)	--	3.81	(12.50)	--
1937	07/30/37	56.6	(2000)	--	3.05	(10.00)	--
1938	06/24/38	85.0	(3000)	--	3.38	(11.10)	--
1939	03/12/39	156	(5500)	--	4.08	(13.40)	--
1940	06/24/40	48.1	(1700)	--	2.96	(9.70)	--
1941	09/16/41	790	(27900)	--	8.02	(26.30)	--
1942	05/11/42	306	(10800)	--	5.36	(17.60)	--
1943	06/13/43	422	(14900)	--	6.17	(20.24)	--
1944	06/13/44	419	(14800)	--	6.16	(20.20)	--
1945	05/21/45	263	(9300)	--	5.03	(16.50)	--
1946	06/23/46	108	(3800)	--	3.63	(11.90)	--
1947	06/23/47	906	(31800)	--	8.43	(27.65)	--
1948	03/22/48	569	(20100)	--	6.99	(22.93)	--
1949	03/08/49	688	(24300)	--	7.59	(24.90)	--
1950	05/09/50	668	(23600)	--	7.51	(24.65)	--
1951	06/04/51	963	(34000)	--	8.63	(28.30)	--
1952	06/29/52	547	(19300)	--	7.04	(23.10)	--
1953	06/10/53	76.5	(2700)	--	2.90	(9.50)	--
1954	08/08/54	538	(19000)	--	6.83	(22.40)	--
1955	06/20/55	96.3	(3400)	--	3.17	(10.40)	--
1956	07/03/56	391	(13800)	--	6.07	(19.90)	--
1957	06/21/57	555	(19600)	--	7.13	(23.40)	--
1958	07/26/58	300	(10600)	--	5.36	(17.60)	--
1959	05/07/59	425	(15000)	--	6.32	(20.73)	--
1960	03/31/60	736	(26000)	--	7.82	(25.66)	--
1961	09/13/61	105	(3700)	--	3.08	(10.12)	--
1962	03/25/62	286	(10100)	--	4.93	(16.18)	--
1963	06/25/63	640	(22600)	--	7.49	(24.58)	--
1964	06/18/64	147	(5200)	--	3.56	(11.67)	--
1965	06/30/65	549	(19400)	--	7.05	(23.12)	--
1966	02/11/66	159	(5600)	--	3.70	(12.15)	--
1967	06/18/67	765	(27000)	--	7.94	(26.06)	--
1968	08/19/68	249	(8800)	--	4.60	(15.08)	--
1969	03/23/69	566	(20000)	--	7.06	(23.15)	--
1970	08/06/70	39.6	(1400)	--	2.01	(6.60)	--
1971	03/17/71	275	(9700)	--	4.80	(15.75)	--
1972	07/15/72	133	(4700)	--	3.40	(11.15)	--
1973	09/26/73	379	(13400)	--	6.06	(19.88)	--
1974	10/12/73	1390	(49100)	--	10.1	(33.02)	--
1975	06/23/75	131	(4640)	--	3.33	(10.93)	--
1976	07/21/76	68.0	(2400)	--	2.40	(7.86)	--
1977	08/16/77	212	(7480)	--	4.55	(14.94)	--
1978	03/19/78	447	(15800)	--	6.64	(21.78)	--
1979	03/20/79	399	(14100)	--	5.97	(19.60)	2
1980	03/30/80	158	(5570)	--	3.69	(12.11)	--

06881500 BIG BLUE RIVER AT BEATRICE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1981	10/19/80	82.7 (2920)	--	2.59 (8.58)	--
1982	06/28/82	331 (11700)	--	5.55 (18.20)	--
1983	06/22/83	399 (14100)	--	5.97 (19.59)	--
1984	06/14/84	1560 (55100)	--	9.53 (31.27)	--
1985	07/24/85	221 (7820)	--	4.36 (14.30)	--
1986	07/04/86	660 (23300)	--	7.95 (26.07)	--
1987	03/26/87	918 (32400)	--	8.36 (27.44)	--
1988	09/30/88	55.2 (1950)	8	2.14 (7.03)	--
1989	09/12/89	227 (8000)	--	4.44 (14.56)	--
1990	06/15/90	317 (11200)	--	5.72 (18.78)	--
1991	06/08/91	207 (7320)	--	4.41 (14.48)	--
1992	07/27/92	323 (11400)	--	5.55 (18.22)	--
1993	07/26/93	816 (28800)	--	8.77 (28.77)	--

06881530 BIG BLUE RIVER TRIBUTARY NEAR BEATRICE, NE

LOCATION.--Lat. 40°15'46", long 96°39'09", in SW1/4 SE1/4 sec.32, T.4 N., R.7 E., Gage County, Hydrologic Unit 10270202, at upstream end of concrete box culvert under U.S. Highway 136 and Nebraska Highway 4, 7.4 km (4.6 mi) east of intersection of U.S. Highways 77 and 136 in Beatrice, and 3 km (2 mi) east of Bear Creek bridge which is on Highway 136 east of Beatrice.

DRAINAGE AREA.--4.82 km² (1.86 mi²).

PERIOD OF RECORD.--1971 to 1978 (discontinued).

GAGE.--Two sections of Columbus-type crest-stage gage. Datum of gage is 393.19 m (1,290.00 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 28.1 m³/s (993 ft³/s) Oct. 11, 1973, gage height, 6.10 m (20.00 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1971	05/18/71	12.5 (440)	--	4.73 (15.51)	--
1972	10/30/71	0.96 (34)	--	3.29 (10.80)	--
1973	03/31/73	4.81 (170)	--	3.86 (12.67)	--
1974	10/11/73	28.1 (993)	--	6.10 (20.00)	--
1975	06/22/75	3.48 (123)	--	3.71 (12.17)	--
1976	04/24/76	12.3 (435)	--	4.71 (15.45)	--
1977	08/16/77	15.6 (550)	--	5.07 (16.62)	--
1978	07/22/78	15.3 (540)	--	5.02 (16.48)	--

06882000 BIG BLUE RIVER AT BARNESTON, NE

LOCATION.--Lat. 40°02'40", long 96°35'12", in NE1/4 NW1/4 sec.24, T.1 N., R.7 E., Gage County, Hydrologic Unit 10270205, on right bank at right downstream end of bridge on State Highway 8, 0.97 km (0.6 mi) southwest of Barneston, 2.1 km (1.3 mi) upstream from Plum Creek, and 6.9 km (4.3 mi) upstream from Nebraska-Kansas State line.

DRAINAGE AREA.--11,518 km² (4,447 mi²), of which about 11,320 km (4,370 mi²) contributes directly to surface runoff.

PERIOD OF RECORD.--1903, 1919-1925, 1929 to current year.

GAGE.--Water-stage recorder. Datum of gage is 354.24 m (1,162.2 ft) above sea level. Prior to June 9, 1941, water-stage recorder at site 0.5 km (0.3 mi) downstream at datum 0.475 m (1.56 ft) higher. June 9, to Nov. 17, 1941, non-recording gage and Nov. 18, 1941, to Sept. 30, 1979, water-stage recorder at site 1.1 km (0.7 mi) upstream at datum 0.61 m (2.0 ft) higher.

REMARKS.--Low flow regulated by dam at unused powerplant 1.1 km (0.7 mi) upstream. No large tributaries between station and Nebraska-Kansas State line. Some pump diversions for irrigation above station. Natural flow of stream affected by ground-water withdrawals for irrigation and return flow from irrigated areas.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 1,100 m³/s (39,000 ft³/s) sometime during May, 1903.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,630 m³/s (57,700 ft³/s) June 9, 1941, gage height, 10.5 m (34.30 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1903	05/ /03	1100	(39000)	7	--	--	--
1919	09/28/19	283	(10000)	--	--	--	--
1920	10/02/19	127	(4480)	--	--	--	--
1921	07/04/21	309	(10900)	--	--	--	--
1922	07/10/22	214	(7540)	--	--	--	--
1923	04/23/23	297	(10500)	--	--	--	--
1924	10/03/23	411	(14500)	--	--	--	--
1925	06/18/25	351	(12400)	--	--	--	--
1929	06/22/29	334	(11800)	--	--	--	2
1930	05/15/30	323	(11400)	--	--	--	--
1931	09/25/31	371	(13100)	--	--	--	--
1932	06/04/32	289	(10200)	--	4.95	(16.23)	--
1933	08/23/33	157	(5550)	--	4.05	(13.28)	--
1934	09/04/34	59.5	(2100)	--	2.15	(7.05)	--
1935	06/02/35	368	(13000)	--	6.32	(20.75)	--
1936	02/25/36	351	(12400)	--	6.14	(20.15)	--
1937	07/25/37	91.8	(3240)	--	2.84	(9.30)	--
1938	09/13/38	214	(7550)	--	4.47	(14.67)	--
1939	03/12/39	280	(9880)	--	5.36	(17.60)	--
1940	08/27/40	113	(4000)	--	3.05	(10.00)	--
1941	06/09/41	1630	(57700)	--	10.5	(34.30)	--
1942	05/12/42	445	(15700)	--	7.35	(24.10)	--
1943	06/12/43	668	(23600)	--	8.13	(26.66)	--
1944	06/14/44	462	(16300)	--	7.23	(23.71)	--
1945	05/22/45	762	(26900)	--	8.51	(27.93)	--

06882000 BIG BLUE RIVER AT BARNESTON--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1946	07/16/46	248	(8770)	--	5.87	(19.25)	--
1947	06/23/47	974	(34400)	--	9.07	(29.76)	--
1948	03/22/48	487	(17200)	--	7.40	(24.29)	--
1949	06/28/49	762	(26900)	--	8.47	(27.80)	--
1950	05/10/50	603	(21300)	--	7.82	(25.67)	--
1951	06/04/51	736	(26000)	--	8.38	(27.48)	--
1952	06/30/52	484	(17100)	--	7.15	(23.47)	--
1953	06/09/53	62.6	(2210)	--	2.61	(8.55)	--
1954	08/08/54	801	(28300)	--	8.61	(28.25)	--
1955	02/19/55	175	(6170)	--	4.33	(14.20)	--
1956	07/03/56	501	(17700)	--	6.87	(22.55)	--
1957	06/22/57	473	(16700)	--	7.07	(23.20)	--
1958	07/11/58	629	(22200)	--	7.84	(25.72)	--
1959	07/04/59	419	(14800)	--	6.04	(19.82)	--
1960	03/28/60	833	(29400)	--	8.41	(27.60)	--
1961	09/13/61	346	(12200)	--	6.00	(19.70)	--
1962	03/25/62	481	(17000)	--	6.10	(20.00)	--
1963	06/26/63	527	(18600)	--	6.87	(22.55)	--
1964	06/22/64	252	(8900)	--	4.12	(13.50)	--
1965	07/01/65	583	(20600)	--	7.45	(24.45)	--
1966	02/12/66	233	(8220)	--	3.96	(12.99)	--
1967	06/19/67	756	(26700)	--	8.06	(26.44)	--
1968	08/20/68	286	(10100)	--	4.87	(15.98)	--
1969	03/24/69	578	(20400)	--	6.86	(22.52)	--
1970	06/16/70	185	(6550)	--	3.55	(11.65)	--
1971	05/22/71	309	(10900)	--	4.84	(15.89)	--
1972	05/14/72	105	(3720)	--	2.52	(8.27)	--
1973	09/27/73	881	(31100)	--	8.90	(29.20)	--
1974	10/12/73	1330	(47000)	--	9.96	(32.69)	--
1975	06/03/75	256	(9030)	--	4.31	(14.13)	--
1976	04/24/76	230	(8110)	--	4.09	(13.41)	--
1977	09/12/77	360	(12700)	--	5.31	(17.42)	--
1978	07/22/78	714	(25200)	--	7.77	(25.50)	--
1979	03/03/79	753	(26600)	--	8.02	(26.33)	--
1980	03/25/80	408	(14400)	B	6.10	(20.00)	--
1981	09/25/81	343	(12100)	--	5.51	(18.09)	--
1982	05/26/82	419	(14800)	--	6.18	(20.27)	--
1983	06/18/83	504	(17800)	--	6.68	(21.91)	--
1984	06/14/84	1580	(55800)	--	9.51	(30.21)	--
1985	09/13/85	343	(12100)	--	5.39	(17.68)	--
1986	07/06/86	818	(28900)	--	8.68	(28.49)	--
1987	03/25/87	1060	(37500)	--	8.57	(28.11)	--
1988	07/04/88	75.0	(2650)	--	2.48	(8.13)	--
1989	09/04/89	320	(11300)	--	5.23	(17.15)	--
1990	06/16/90	479	(16900)	--	6.28	(20.62)	--
1991	06/08/91	196	(6910)	--	3.97	(13.02)	--
1992	07/25/92	708	(25000)	--	7.62	(25.00)	--
1993	07/27/93	909	(32100)	--	8.50	(27.87)	--

06882900 LITTLE BLUE RIVER BELOW PAWNEE CREEK NEAR PAULINE, NE

LOCATION.--Lat. 40°23'50", long 98°13'20", in SW1/4 SW1/4 sec.15, T.5 N., R.8 W., Clay County, Hydrologic Unit 10270206, on downstream side of county road bridge, 0.4 km (0.25 mi) downstream from Pawnee Creek, and 11.3 km (7.0 mi) southeast of Pauline.

DRAINAGE AREA.--2,460 km² (949 mi²).

PERIOD OF RECORD.--1963 to 1969 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 515.11 m (1690.00 ft) above sea level.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 765 m³/s (27,000 ft³/s) Aug. 31, 1969, gage height, 4.80 m (15.73 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1963	09/10/63	74.5 (2630)	--	3.16 (10.38)	--
1964	08/18/64	50.4 (1780)	--	2.63 (8.62)	--
1965	05/22/65	504 (17800)	--	4.23 (13.88)	--
1966	06/26/66	69.4 (2450)	--	3.08 (10.09)	--
1967	06/12/67	231 (8150)	--	3.89 (12.75)	--
1968	06/25/68	201 (7090)	--	3.94 (12.91)	--
1969	08/31/69	765 (27000)	--	4.80 (15.73)	--

06883000 LITTLE BLUE RIVER NEAR DEWEESE, NE

LOCATION.--Lat. 40°19'58", long 98°04'00", in SW1/4 NW1/4 sec.12, T.4 N., R.7 W., Nuckolls County, Hydrologic Unit 10270206, on right bank 3 m (10 ft) downstream from bridge on State Highway 14, 1.6 km (1.0 mi) upstream from Walnut Creek, 5.1 km (3.2 mi) southeast of Deweese, 10 km (6 mi) northwest of Angus, and at kilometer 197.26 (mile 122.57) (revised).

DRAINAGE AREA.--2,540 km² (979 mi²).

PERIOD OF RECORD.--1951-72, 1975 to current year.

GAGE.--Water-stage recorder and peak-stage indicator gage. Datum of gage is 497.64 m (1,632.67 ft) above sea level. Prior to May 16, 1957, non-recording gage and Oct. 1, 1974, to Mar. 24, 1981, recording gage at present site and datum; May 16, 1957, to Sept. 30, 1972, and Mar. 25, 1981 to Mar. 24, 1982, at site 460 m (1,500 ft) upstream from bridge at present datum.

REMARKS.--Natural flow affected by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 711 m³/s (25,100 ft³/s) Aug. 31, 1969, gage height, 5.66 m (18.57 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	06/26/51	453	(16000)	2	--	--	--
1952	07/15/52	224	(7910)	2	--	--	--
1953	06/07/53	38.5	(1360)	--	--	--	--
1954	05/23/54	58.6	(2070)	--	--	--	--
1955	06/06/55	51.0	(1800)	2	--	--	--
1956	06/26/56	62.6	(2210)	--	--	--	--
1957	06/17/57	368	(13000)	--	4.57	(15.00)	--
1958	08/16/58	79.6	(2810)	--	2.76	(9.07)	--
1959	07/04/59	140	(4940)	--	3.31	(10.86)	--
1960	03/27/60	334	(11800)	--	4.40	(14.45)	--
1961	05/22/61	133	(4690)	--	3.44	(11.28)	--
1962	07/28/62	61.4	(2170)	--	2.53	(8.29)	2
1963	09/10/63	88.4	(3120)	--	2.90	(9.52)	--
1964	08/18/64	73.3	(2590)	--	2.74	(8.99)	--
1965	05/22/65	484	(17100)	--	4.87	(15.99)	--
1966	10/01/65	143	(5050)	--	3.43	(11.25)	--
1967	06/12/67	209	(7380)	--	3.88	(12.72)	--
1968	06/26/68	175	(6180)	--	3.75	(12.30)	--
1969	08/31/69	711	(25100)	--	5.66	(18.57)	--
1970	06/16/70	25.9	(914)	--	2.02	(6.61)	--
1971	02/19/71	35.7	(1260)	--	2.22	(7.29)	--
1972	08/03/72	77.6	(2740)	--	2.91	(9.55)	--
1975	07/22/75	177	(6240)	--	3.44	(11.30)	--
1976	08/05/76	18.7	(662)	--	1.23	(4.03)	--
1977	06/22/77	170	(6000)	--	3.43	(11.26)	--
1978	03/13/78	90.9	(3210)	--	2.49	(8.18)	--
1979	05/03/79	138	(4870)	--	3.04	(9.97)	--
1980	04/03/80	58.3	(2060)	--	1.94	(6.38)	--
1981	05/22/81	35.1	(1240)	--	2.22	(7.28)	--
1982	07/02/82	266	(9400)	--	3.81	(12.50)	--
1983	09/30/83	123	(4340)	--	2.74	(8.99)	--
1984	05/20/84	188	(6630)	--	3.29	(10.80)	--
1985	08/04/85	357	(12600)	--	4.53	(14.87)	--

06883000 LITTLE BLUE RIVER NEAR DEWEESE, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1986	09/06/86	119	(4210)	--	2.70	(8.86)	--
1987	03/24/87	162	(5710)	--	3.08	(10.12)	--
1988	09/28/88	85.0	(3000)	--	2.32	(7.61)	--
1989	07/01/89	180	(6340)	--	3.23	(10.60)	--
1990	08/03/90	64.3	(2270)	--	2.05	(6.73)	--
1991	05/30/91	68.3	(2410)	--	2.10	(6.90)	--
1992	07/25/92	129	(4550)	--	2.80	(9.17)	--
1993	07/24/93	391	(13800)	--	4.47	(14.67)	--

06883540 SPRING CREEK TRIBUTARY NEAR RUSKIN, NEBR.

LOCATION.--Lat. 40°06'50", long 97°49'13", in SE1/4 NE1/4 sec.25, T.2 N., R.5 W., Nuckolls County, Hydrologic Unit 10270206, on left bank upstream from north-south county road which is on Nuckolls-Thayer County line, 4.0 km (2.5 mi) east and 3.7 km (2.3 mi) south of Ruskin, 15.4 km (9.6 mi) upstream from confluence with Spring Creek which is 7.4 km (4.6 mi) southeast of the gage.

DRAINAGE AREA.--5.46 km² (2.11 mi²).

PERIOD OF RECORD.--1967 to 1978 (discontinued).

GAGE.--Columbus type crest-stage gage. Datum of gage is 494.08 m (1,621 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 47.0 m³/s (1,660 ft³/s) Apr. 24, 1976, gage height, 4.62 m (15.16 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1967	06/12/67	2.24 (79)	--	3.88 (12.72)	--
1968	08/10/68	1.27 (45)	--	3.51 (11.53)	--
1969	07/09/69	2.46 (87)	--	3.97 (13.02)	--
1970	06/16/70	2.41 (85)	--	3.95 (12.95)	--
1971	05/09/71	9.63 (340)	--	4.40 (14.42)	--
1972	07/24/72	2.21 (78)	--	3.86 (12.68)	--
1973	06/03/73	5.23 (185)	--	4.27 (14.00)	--
1974	10/11/73	9.06 (320)	--	4.39 (14.39)	--
1975	06/03/75	3.77 (133)	--	4.19 (13.75)	--
1976	04/24/76	47.0 (1660)	--	4.62 (15.16)	--
1977	09/12/77	13.4 (472)	--	4.38 (14.36)	--
1978	03/18/78	1.42 (50)	--	3.79 (12.42)	--

06883570 LITTLE BLUE RIVER NEAR ALEXANDRIA (GILEAD), NE

LOCATION.--Lat. 40°12'25", long 97°23'18", in SE1/4 SE1/4 sec.23, T.3 N., R.1 W., Thayer County, Hydrologic Unit 10270206, on left bank 3 m (10 ft) upstream from bridge on State Highway 53, 4.3 km (2.7 mi) south of Alexandria, 15.8 km (9.8 mi) downstream from Dry Creek, and 9.2 km (5.7 mi) upstream from Big Sandy Creek.

DRAINAGE AREA.--4,040 km² (1,560 mi²).

PERIOD OF RECORD.--1959-72 (published "near Gilead"), 1975 to 1992 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 414.31 m (1,359.29 ft) above sea level.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 425 m³/s (15,000 ft³/s) Oct. 12, 1973,.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 923 m³/s (32,600 ft³/s) July 25, 1992, gage height, 6.42 m (21.07 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1959	07/05/59	85.0	(8000)	2	--	--	--
1960	03/28/60	725	(25600)	--	5.27	(17.30)	--
1961	05/23/61	268	(9450)	--	4.50	(14.75)	--
1962	03/24/62	53.0	(1870)	--	2.45	(8.05)	--
1963	09/23/63	141	(4990)	--	3.50	(11.48)	--
1964	04/26/64	77.0	(2720)	--	2.75	(9.03)	--
1965	05/24/65	314	(11100)	--	4.60	(15.10)	--
1966	10/01/65	141	(4980)	--	3.38	(11.09)	--
1967	06/17/67	178	(6290)	--	3.67	(12.03)	--
1968	09/16/68	108	(3830)	--	2.92	(9.58)	--
1969	09/02/69	430	(15200)	--	5.13	(16.83)	--
1970	06/17/70	34.8	(1230)	--	1.64	(5.39)	--
1971	05/22/71	186	(6560)	--	3.54	(11.63)	--
1972	08/03/72	86.4	(3050)	--	2.90	(9.52)	--
1974	10/12/73	425	(15000)	2, 7	--	--	--
1975	06/23/75	238	(8410)	--	5.10	(16.74)	--
1976	04/24/76	99.7	(3520)	--	3.82	(12.53)	--
1977	06/23/77	177	(6260)	--	4.74	(15.54)	--
1978	03/14/78	226	(7970)	--	5.00	(16.40)	--
1979	03/23/79	184	(6500)	2	--	--	--
1980	04/04/80	86.1	(3040)	--	3.85	(12.63)	--
1981	07/18/81	94.6	(3340)	--	3.96	(12.99)	--
1982	07/04/82	351	(12400)	--	5.77	(18.93)	--
1983	09/29/83	235	(8290)	--	5.07	(16.62)	--
1984	06/12/84	281	(9930)	--	5.34	(17.52)	--
1985	08/05/85	484	(17100)	--	5.84	(19.15)	--
1986	04/28/86	125	(4430)	--	4.04	(13.24)	--
1987	03/24/87	484	(17100)	--	5.82	(19.09)	--
1988	09/29/88	59.8	(2110)	--	3.21	(10.55)	--
1989	07/02/89	159	(5610)	--	4.20	(13.78)	--
1990	06/17/90	71.9	(2540)	--	3.37	(11.07)	--
1991	06/05/91	91.8	(3240)	--	3.58	(11.75)	--
1992	07/25/92	923	(32600)	--	6.42	(21.07)	--

06883600 SOUTH FORK BIG SANDY CREEK NEAR EDGAR, NE

LOCATION.--Lat. 40°20'03", long 97°58'20, in NW1/4 NW1/4 sec.11, T.4 N., R.6 W., Nuckolls County, Hydrologic Unit 10270206, on left downstream corner of twin 8'x5' (2.4 x 1.5 m) concrete box culvert on county gravel road, 0.16 km (0.1 mi) south of east-west dirt road and 3.2 km (2.0 mi) south of Edgar.

DRAINAGE AREA.--26.7 km² (10.3 mi²).

PERIOD OF RECORD.--1953 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 515.11 m (1,690 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft). Prior to Nov. 7, 1956, lowest recording stage was 2.90 m (9.50 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 21.7 m³/s (765 ft³/s) Mar. 16, 1965, gage height, 4.22 m (13.83 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1953	06/07/53	0.65	(23)	--	3.48	(11.41)	--
1954	04/21/54	.14	(5)	--	3.33	(10.93)	--
1955	09/21/55	.76	(27)	--	3.53	(11.57)	--
1956	08/18/56	6.94	(245)	--	3.94	(12.92)	--
1957	08/16/57	16.8	(595)	--	4.13	(13.56)	--
1958	03/26/58	2.35	(83)	--	3.76	(12.32)	--
1959	09/18/59	1.81	(64)	--	3.71	(12.17)	--
1960	03/27/60	17.0	(600)	--	4.14	(13.57)	--
1961	05/22/61	11.0	(390)	--	3.98	(13.07)	--
1962	03/20/62	4.90	(173)	--	3.77	(12.38)	--
1963	07/14/63	5.24	(185)	--	3.79	(12.43)	--
1964	06/14/64	.76	(27)	--	3.46	(11.36)	--
1965	03/16/65	21.7	(765)	--	4.22	(13.83)	--
1966	07/26/66	.26	(9)	--	3.49	(11.45)	--
1967	06/12/67	3.74	(132)	--	3.83	(12.57)	--
1968	07/23/68	1.02	(36)	--	3.69	(12.10)	--
1969	04/04/69	8.07	(285)	--	3.96	(13.01)	--
1970	09/16/70	.07	(2)	2	3.46	(11.35)	--

06883700 SOUTH FORK BIG SANDY CREEK NEAR DAVENPORT, NE

LOCATION.--Lat. 40°18'27", long 97°52'39", SW1/4 SW1/4 sec.15, T.4 N., R.5 W., Nuckolls County, Hydrologic Unit 10270206, on right downstream wingwall of wood bridge on dirt road, 15 m (50 ft) north of SR4 in Nuckolls County, 5.6 km (3.5 mi) west of Davenport.

DRAINAGE AREA.--72.78 km² (28.1 mi²).

PERIOD OF RECORD.--1952 to 1978 (discontinued).

GAGE.--College Park type crest-stage gage. Datum of gage is 499.87 m (1,640 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge recorded, 39.6 m³/s (1,400 ft³/s) July 9, 1950, gage height, 5.27 m (17.30 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 52.9 m³/s (1,870 ft³/s) Mar.. 27, 1960, gage height, 5.42 m (17.78 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1950	07/09/50	39.6	(1400)	7	5.27	(17.30)	--
1952	07/14/52	14.2	(500)	--	4.82	(15.80)	--
1953	05/27/53	0.99	(35)	--	3.50	(11.48)	--
1954	05/16/54	1.42	(50)	--	3.59	(11.77)	--
1955	06/17/55	2.69	(95)	--	4.05	(13.30)	--
1956	09/04/56	1.53	(54)	--	3.77	(12.37)	--
1957	08/16/57	15.3	(540)	--	4.84	(15.89)	--
1958	07/10/58	7.65	(270)	--	4.58	(15.02)	--
1959	07/04/59	5.10	(180)	--	4.44	(14.48)	--
1960	03/27/60	52.9	(1870)	--	5.42	(17.78)	--
1961	05/22/61	25.5	(900)	--	5.01	(16.43)	--
1962	03/20/62	2.60	(92)	--	3.68	(12.08)	--
1963	09/01/63	3.17	(112)	--	3.82	(12.55)	--
1964	08/17/64	.40	(14)	--	2.98	(9.76)	--
1965	03/16/65	12.1	(428)	--	4.59	(15.06)	--
1966	09/03/66	1.44	(51)	--	3.29	(10.80)	--
1967	06/12/67	10.2	(360)	--	4.36	(14.30)	--
1968	09/23/68	8.13	(287)	--	4.17	(13.69)	--
1969	04/04/69	13.1	(461)	--	4.56	(14.96)	--
1970	07/13/70	3.00	(106)	--	3.43	(11.26)	--
1971	05/22/71	8.30	(293)	--	4.19	(13.74)	--
1972	05/01/72	1.44	(51)	--	3.18	(10.44)	--
1973	06/03/73	18.2	(640)	--	4.59	(15.05)	--
1974	10/11/73	20.4	(723)	--	4.70	(15.43)	--
1975	07/22/75	29.2	(1030)	--	4.86	(15.95)	--
1976	09/25/76	1.39	(49)	--	3.57	(11.71)	--
1977	07/11/77	41.9	(1480)	--	4.14	(13.57)	--
1978	04/17/78	36.8	(1300)	--	4.03	(13.23)	--

06883800 SOUTH FORK BIG SANDY CREEK NEAR CARLETON, NE

LOCATION.--Lat. 40°15'49", long 97°47'49", in NE1/4 NW1/4 sec.5, T.3 N., R.4 W., Thayer County, Hydrologic Unit 10270206, on downstream center pile of wood bridge on east-west dirt road, 0.5 km (0.3 mi) east of all-weather gravel road, which in turn is 5.0 km (3.0 mi) south of SR4 near Southeast edge of Davenport, and 11.3 km (7.0 mi) southwest of Carleton.

DRAINAGE AREA.--130.5 km² (50.4 mi²)

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 488 m (1,600 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 105 m³/s (3,690 ft³/s) Mar. 27, 1960, gage height, 5.19 m (17.02 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	07/14/52	49.3	(1740)	--	5.00	(16.40)	--
1953	05/27/53	6.23	(220)	--	4.18	(13.72)	--
1954	05/02/54	7.22	(255)	--	4.19	(13.76)	--
1955	06/17/55	13.1	(463)	--	4.47	(14.68)	--
1956	07/03/56	0.62	(22)	--	3.55	(11.66)	--
1957	08/16/57	20.9	(739)	--	4.74	(15.55)	--
1958	07/10/58	20.2	(715)	--	4.72	(15.49)	--
1959	07/04/59	11.4	(402)	--	4.47	(14.66)	--
1960	03/27/60	105	(3690)	--	5.19	(17.02)	--
1961	05/22/61	39.1	(1380)	--	4.94	(16.21)	--
1962	03/20/62	4.11	(145)	--	3.63	(11.91)	--
1963	09/01/63	3.82	(135)	--	3.60	(11.81)	--
1964	06/14/64	.42	(15)	--	2.84	(9.32)	--
1965	05/23/65	16.6	(585)	--	4.66	(15.30)	--
1966	10/01/65	7.93	(280)	--	4.27	(14.00)	--
1967	06/12/67	19.0	(670)	--	4.70	(15.42)	--
1968	09/23/68	5.94	(210)	--	3.89	(12.77)	--
1969	04/04/69	13.2	(465)	--	4.42	(14.50)	--
1970	07/13/70	1.98	(70)	--	3.23	(10.60)	--

06883900 SOUTH FORK BIG SANDY CREEK NEAR HEBRON, NE

LOCATION.--Lat. 40°13'40", long 97°34'35", in SW1/4 NW1/4 sec.17, T.3 N., R.2 W., Thayer County, Hydrologic Unit 10270206, on downstream side of second-from-left pier of concrete bridge on U.S. Highway 81, 0.8 km (0.5 mi) south of east-west dirt road, and 0.8 km (0.5 mi) south of east-west dirt road, and 6.4 km (4.0 mi) north of Hebron.

DRAINAGE AREA.--234 km² (90.3 mi²).

PERIOD OF RECORD.--1952 to 1970 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 454.15 m (1,490 ft) above sea level. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 91.2 m³/s (3,220 ft³/s) Mar. 27, 1960, gage height, 6.68 m (21.90 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1952	06/27/52	89.5	(3160)	--	6.64	(21.80)	--
1953	05/27/53	18.1	(640)	--	4.68	(15.36)	--
1954	05/02/54	18.5	(653)	--	4.70	(15.42)	--
1955	06/17/55	9.34	(330)	--	4.17	(13.68)	--
1956	07/03/56	31.7	(1120)	--	5.26	(17.27)	--
1957	06/17/57	35.4	(1250)	--	5.41	(17.75)	--
1958	07/10/58	41.6	(1470)	--	5.64	(18.50)	--
1959	07/04/59	35.7	(1260)	--	5.42	(17.77)	--
1960	03/27/60	91.2	(3220)	--	6.68	(21.90)	--
1961	05/23/61	32.6	(1150)	--	5.63	(18.48)	--
1962	07/28/62	8.35	(295)	--	4.07	(13.35)	--
1963	07/14/63	7.50	(265)	--	4.00	(13.11)	--
1964	04/26/64	39.9	(1410)	--	5.90	(19.35)	--
1965	03/17/65	21.8	(770)	--	5.05	(16.56)	--
1966	10/01/65	12.3	(436)	--	4.40	(14.43)	--
1967	06/13/67	26.6	(940)	--	5.34	(17.53)	--
1968	09/16/68	19.3	(680)	--	4.88	(16.00)	--
1969	04/04/69	13.6	(480)	--	4.49	(14.73)	--
1970	05/30/70	4.59	(162)	--	3.67	(12.05)	--

06883940 BIG SANDY CREEK AT ALEXANDRIA, NE

LOCATION.--Lat. 40°14'06", long 97°23'20", in SE1/4 SE1/4 sec.11, T.3 N., R.1 W., Thayer County, Hydrologic Unit 10270206, on right bank 4.6 m (15 ft) upstream from bridge on State Highway 53, 1.3 km (0.8 mi) south of Alexandria, and at kilometer 12.7 (mile 7.9).

DRAINAGE AREA.--1,572 km² (607 mi²).

PERIOD OF RECORD.--1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 425.20 m (1,395 ft) above sea level (from topographic map).

REMARKS.--Natural flow of stream affected by ground-water withdrawals and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 620 m³/s (21,900 ft³/s) June 13, 1984, gage height, 5.09 m (16.71 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1980	04/03/80	45.0	(1590)	--	2.43	(7.98)	--
1981	08/06/81	60.6	(2140)	--	2.80	(9.19)	--
1982	07/02/82	186	(6580)	--	4.41	(14.47)	--
1983	09/29/83	289	(10200)	--	4.68	(15.37)	--
1984	06/13/84	620	(21900)	--	5.09	(16.71)	--
1985	09/13/85	98.6	(3480)	--	3.35	(11.00)	--
1986	04/28/86	115	(4050)	--	3.58	(11.74)	--
1987	03/24/87	187	(6600)	--	4.36	(14.30)	--
1988	09/28/88	20.8	(733)	--	1.91	(6.28)	--
1989	06/25/89	75.9	(2680)	--	3.00	(9.85)	--
1990	06/15/90	119	(4200)	--	3.64	(11.94)	--
1991	05/14/91	19.1	(676)	--	1.82	(5.98)	--
1992	07/25/92	430	(15200)	--	4.87	(15.98)	--
1993	07/26/93	161	(5700)	--	3.90	(12.80)	--

06883955 LITTLE SANDY CREEK NEAR OHIOWA, NE

LOCATION.--Lat. 40°25'37", long 95°23'38", in SE1/4 SE1/4 sec.16, T.5 N., R.1 W., Fillmore County, Hydrologic Unit 10270206, on right upstream wingwall of steel truss bridge on east-west Fillmore county road, 2.4 km (1.5 mi) east and 1.6 km (1 mi) south of Ohioa.

DRAINAGE AREA.--30.0 km² (11.6 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus type crest-stage gage. Lowest recording stage is 3.05 m (10.00 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 38.8 m³/s (1,370 ft³/s) Aug. 16, 1977, gage height, 5.00 m (16.39 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>	<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>	<i>Gage Height</i> <i>Code</i>
1968	09/16/68	0.68 (24)	--	3.25 (10.65)	--
1969	05/22/69	12.5 (443)	--	4.52 (14.83)	--
1970	07/13/70	5.47 (193)	--	3.81 (12.51)	--
1971	05/09/71	8.41 (297)	--	4.11 (13.48)	--
1972	04/30/72	6.23 (220)	--	3.89 (12.77)	--
1973	05/08/73	7.08 (250)	--	3.97 (13.03)	--
1974	10/10/73	37.7 (1330)	--	4.98 (16.34)	--
1975	06/09/75	8.78 (310)	--	4.14 (13.58)	--
1976	04/16/76	6.80 (240)	--	3.95 (12.95)	--
1977	08/16/77	38.8 (1370)	--	5.00 (16.39)	--
1978	04/17/78	9.91 (350)	--	4.33 (14.21)	--

06884000 LITTLE BLUE RIVER NEAR FAIRBURY, NE

LOCATION.--Lat. 40°06'54", long 97°10'13", in NW1/4 NE1/4 sec.26, T.2 N., R.2 E., Jefferson County, Hydrologic Unit 10270207, at right bank downstream wingwall of bridge on State Highway 15, 1.3 km (0.8 mi) south of Fairbury, 8.4 km (5.2 mi) upstream from Rose Creek, and at kilometer 99.8 (mile 62.0).

DRAINAGE AREA.--6,086 km² (2,350 mi²).

PERIOD OF RECORD.--1908-15, 1929-56 (published as "near Endicott"), 1957 to current year. Monthly discharges only for some periods, published in WSP 1310.

GAGE.--Water-stage recorder. Datum of gage is 389.29 m (1,277.19 ft) above sea level. May 23, 1908, to Sept. 30, 1915, non-recording gage at present site at different datum. Apr. 26, 1929 to Sept. 24, 1957, non-recording gage or water-stage recorder at site 5.6 km (3.5 mi) downstream at various datums. Sept. 25, 1957 to Aug. 20, 1991, water-stage recorder at present site at datum 1.5 m (5.0 ft) higher.

REMARKS.--Some regulation at low stage by thermoelectric plant above station. Natural flow of stream affected by irrigation development above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,530 m³/s (54,000 ft³/s) July 25, 1992, gage height, 7.42 m (24.33 ft).

Water year	Date	Discharge m ³ /s (ft ³ /s)		Discharge Code	Gage Height m (ft)		Gage Height Code
1908	06/06/08	450	(15900)	--	--	--	--
1909	06/23/09	300	(10600)	--	--	--	--
1910	06/09/10	224	(7900)	--	--	--	--
1911	08/22/11	95.4	(3370)	--	--	--	--
1912	03/21/12	83	(10000)	--	--	--	--
1913	05/21/13	176	(6220)	--	--	--	--
1914	06/14/14	127	(4480)	--	--	--	--
1915	06/11/15	561	(19800)	2	--	--	--
1929	06/21/29	40.8	(1440)	--	1.41	(4.62)	--
1930	05/12/30	95.2	(3360)	--	2.80	(9.20)	--
1931	05/30/31	69.1	(2440)	--	2.13	(6.98)	--
1932	06/03/32	99.4	(3510)	--	2.84	(9.32)	--
1933	08/22/33	76.7	(2710)	--	2.30	(7.56)	--
1934	09/27/34	11.9	(420)	--	0.92	(3.01)	--
1935	05/20/35	589	(20800)	--	4.54	(14.90)	--
1936	02/24/36	82.7	(2920)	--	2.78	(9.12)	--
1937	07/27/37	43.6	(1540)	--	1.79	(5.86)	--
1938	06/22/38	74.8	(2640)	--	2.67	(8.76)	--
1939	06/21/39	245	(8650)	--	3.63	(11.90)	--
1940	05/22/40	13.4	(474)	--	.93	(3.04)	--
1941	06/09/41	878	(31000)	--	4.95	(16.23)	--
1942	08/28/42	413	(14600)	--	4.34	(14.23)	--
1943	06/12/43	382	(13500)	--	3.98	(13.05)	--
1944	06/13/44	229	(8080)	--	3.62	(11.87)	--
1945	05/27/45	521	(18400)	--	4.32	(14.17)	--
1946	06/21/46	71.4	(2520)	--	2.63	(8.63)	--
1947	06/23/47	382	(13500)	--	4.02	(13.18)	--
1948	02/28/48	337	(11900)	--	3.90	(12.80)	--
1949	06/14/49	807	(28500)	--	4.52	(14.84)	--
1950	09/21/50	360	(12700)	--	4.35	(14.28)	--

06884000 LITTLE BLUE RIVER NEAR FAIRBURY, NE--Continued

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1951	06/27/51	1040	(36800)	--	4.99	(16.36)	--
1952	06/28/52	530	(18700)	--	4.46	(14.62)	--
1953	06/09/53	148	(5210)	--	2.77	(9.09)	--
1954	05/02/54	133	(4680)	--	2.77	(9.08)	--
1955	06/19/55	126	(4450)	--	2.69	(8.83)	--
1956	07/03/56	119	(4200)	--	2.83	(9.29)	--
1957	06/19/57	549	(19400)	--	4.62	(15.17)	--
1958	07/25/58	312	(11000)	--	3.90	(12.78)	--
1959	07/06/59	249	(8790)	--	3.56	(11.68)	--
1960	03/28/60	898	(31700)	--	4.82	(15.80)	--
1961	05/24/61	346	(12200)	--	3.90	(12.78)	--
1962	03/24/62	105	(3700)	--	2.41	(7.90)	--
1963	06/24/63	208	(7360)	--	3.02	(9.92)	2
1964	08/20/64	189	(6680)	--	3.10	(10.18)	--
1965	05/25/65	278	(9800)	--	3.63	(11.90)	--
1966	10/01/65	143	(5040)	--	2.70	(8.87)	--
1967	06/18/67	216	(7630)	--	2.94	(9.63)	--
1968	08/19/68	416	(14700)	--	3.93	(12.90)	--
1969	09/03/69	348	(12300)	--	3.90	(12.80)	--
1970	05/23/70	63.2	(2230)	--	1.70	(5.56)	--
1971	05/22/71	252	(8900)	--	3.33	(10.93)	--
1972	08/04/72	125	(4400)	--	2.28	(7.50)	--
1973	09/26/73	292	(10300)	--	3.63	(11.90)	--
1974	10/12/73	1070	(37800)	--	5.78	(18.96)	--
1975	06/24/75	240	(8480)	--	3.23	(10.61)	--
1976	04/25/76	120	(4240)	--	2.24	(7.34)	--
1977	09/12/77	297	(10500)	--	3.58	(11.75)	--
1978	03/14/78	382	(13500)	--	3.86	(12.66)	--
1979	03/23/79	269	(9500)	--	3.34	(10.94)	5
1980	04/04/80	109	(3840)	--	2.18	(7.14)	--
1981	07/18/81	115	(4070)	--	2.22	(7.30)	--
1982	07/04/82	513	(18100)	--	4.40	(14.42)	--
1983	09/29/83	566	(20000)	--	4.53	(14.87)	--
1984	06/13/84	1190	(41900)	--	5.18	(16.98)	--
1985	08/06/85	470	(16600)	--	4.13	(13.55)	--
1986	04/28/86	309	(10900)	--	3.48	(11.43)	--
1987	03/24/87	784	(27700)	--	4.75	(15.59)	--
1988	09/30/88	84.1	(2970)	--	1.89	(6.19)	--
1989	06/26/89	195	(6880)	--	2.84	(9.32)	--
1990	06/15/90	343	(12100)	--	3.66	(12.02)	--
1991	06/02/91	101	(3570)	--	2.06	(6.77)	--
1992	07/25/92	1530	(54000)	--	7.42	(24.33)	--
1993	07/27/93	683	(24100)	--	6.45	(21.17)	--

06884005 DRY BRANCH TRIBUTARY NEAR FAIRBURY, NE

LOCATION.--Lat. 40°02'43", long 97°10'14", in SW1/4 SE1/4 sec.14, T.1 N., R.2 E., Jefferson County, Hydrologic Unit 10270207, on bridge on Nebraska Highway 15, 10 km (6.4 mi) south of Fairbury, and 5 km (3 mi) north of Nebraska-Kansas line.

DRAINAGE AREA.--11.7 km² (4.51 mi²).

PERIOD OF RECORD.--1968 to 1978 (discontinued).

GAGE.--Columbus type crest-stage gage. Lowest recording stage is 3.44 m (11.28 ft).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 36.0 m³/s (1,270 ft³/s) July 20, 1973, gage height, 4.90 m (16.09 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1968	08/18/68	9.83	(347)	--	4.18	(13.70)	--
1969	07/17/69	12.0	(422)	--	4.30	(14.12)	--
1970	05/23/70	4.64	(164)	--	3.68	(12.09)	--
1971	05/18/71	2.04	(72)	--	3.30	(10.81)	--
1972	04/27/72	3.96	(140)	--	3.60	(11.80)	--
1973	07/20/73	36.0	(1270)	--	4.90	(16.09)	--
1974	10/10/73	21.2	(750)	--	4.63	(15.20)	--
1975	06/03/75	9.91	(350)	--	4.18	(13.73)	--
1976	04/16/76	0.42	(15)	2	2.85	(9.34)	--
1977	08/04/77	17.4	(615)	--	4.53	(14.86)	--
1978	04/17/78	.14	(5)	2	2.72	(8.93)	--

06884025 LITTLE BLUE RIVER AT HOLLENBERG, KS

LOCATION.--Lat. 39°58'48", long 97°00'16", in NE1/4 SW1/4 sec.8, T.1 S., R.7 E., Washington County, Hydrologic Unit 10270207, on right bank 0.6 m (2 ft) downstream from bridge on county road, 0.97 km (0.6 mi) west of Hollenberg, 2.82 km (1.75 mi) downstream from Nebraska-Kansas State line, and at kilometer 69.4 (mile 43.1).

DRAINAGE AREA.--7,130 km² (2,752 mi²).

PERIOD OF RECORD.--1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 370.67 m (1,216.10 ft) above sea level.

REMARKS.--Discharge measurements made prior to 1974 wateryear are published in table of miscellaneous sites in WDR NE-73.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 12, 1973 reached a stage of 78.03 m (23.07 ft), present datum, from floodmark, discharge not determined.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,350 m³/s (47,800 ft³/s) July 26, 1992, gage height, 6.46 m (21.21 ft).

<i>Water year</i>	<i>Date</i>	<i>Discharge</i> <i>m³/s (ft³/s)</i>		<i>Discharge</i> <i>Code</i>	<i>Gage Height</i> <i>m (ft)</i>		<i>Gage Height</i> <i>Code</i>
1974	10/12/73	--	--	--	7.03	(23.07)	--
1975	06/24/75	281	(9920)	--	4.03	(13.21)	--
1976	04/25/76	139	(4900)	--	2.92	(9.59)	--
1977	09/12/77	348	(12300)	--	4.49	(14.72)	--
1978	03/22/78	487	(17200)	--	5.05	(16.58)	--
1979	03/24/79	331	(11700)	--	4.39	(14.41)	--
1980	04/04/80	145	(5130)	--	3.08	(10.11)	--
1981	07/19/81	142	(5000)	--	3.05	(10.00)	--
1982	07/05/82	445	(15700)	--	4.83	(15.85)	--
1983	09/30/83	462	(16300)	--	4.99	(16.37)	--
1984	06/13/84	1040	(36600)	--	6.40	(21.00)	--
1985	08/06/85	481	(17000)	--	4.89	(16.00)	5
1986	04/28/86	334	(11800)	--	4.20	(13.79)	--
1987	03/25/87	801	(28300)	--	5.88	(19.28)	--
1988	06/30/88	105	(3700)	--	2.50	(8.19)	--
1989	06/26/89	179	(6330)	--	3.03	(9.93)	--
1990	06/15/90	405	(14300)	--	4.62	(15.15)	--
1991	06/02/91	96.0	(3390)	--	2.25	(7.38)	--
1992	07/26/92	1350	(47800)	--	6.46	(21.21)	--
1993	07/27/93	750	(26500)	--	5.52	(18.12)	--

REFERENCES

Crippen, J.R. and Bue, C.D., 1977, Maximum Floodflows in the Conterminous United States: U.S. Geological Survey Water-Supply Paper 1887, 52 p.

