

ANALYSES OF FLOOD-FLOW FREQUENCY
FOR SELECTED GAGING STATIONS
IN SOUTH DAKOTA

By Rick D. Benson, Eugene B. Hoffman, and Verlyn J. Wipf

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 85-4217

Prepared in cooperation with the
SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Huron, South Dakota

1985



UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
Rm. 317, Federal Bldg.
200 4th St. SW
Huron, SD 57350

Copies of this report can
be purchased from:

Open-File Services Section
Western Distribution Branch
U.S. Geological Survey
Box 25425, Federal Center
Denver, CO 80225
(Telephone: (303) 236-7476)

CONTENTS

	Page
Glossary	vi
Abstract	1
Introduction	1
Flood-frequency analysis	1
Selected references	7
Supplemental information	8

ILLUSTRATIONS

Figure 1. Map of South Dakota showing location of continuous-record gaging stations with 10 or more years of record (as of water year 1983)	2
---	---

TABLES

Table 1. Magnitude and recurrence interval of instantaneous peak flow at selected continuous-record gaging stations in South Dakota	4
2-112. Peak discharge and gage-height data for:	
2. Station 05290000, Little Minnesota River near Peever	9
3. Station 05291000, Whetstone River near Big Stone City	11
4. Station 06334500, Little Missouri River at Camp Crook	15
5. Station 06354860, Spring Creek near Herreid	17
6. Station 06355500, North Fork Grand River near White Butte	18
7. Station 06356000, South Fork Grand River at Buffalo	20
8. Station 06356500, South Fork Grand River near Cash	23
9. Station 06357500, Grand River at Shadehill	26
10. Station 06357800, Grand River at Little Eagle	27
11. Station 06358000, Grand River near Wakpala	28
12. Station 06358500, Missouri River near Mobridge	30
13. Station 06359000, Moreau River at Bixby	31
14. Station 06359500, Moreau River near Faith	33
15. Station 06360000, Moreau River near Eagle Butte	36
16. Station 06360500, Moreau River near Whitehorse	38
17. Station 06361000, Moreau River at Promise	40
18. Station 06395000, Cheyenne River at Edgemont	43
19. Station 06400000, Hat Creek near Edgemont	46
20. Station 06400500, Cheyenne River near Hot Springs	47
21. Station 06401500, Cheyenne River below Angostura Dam	49
22. Station 06402000, Fall River at Hot Springs	50
23. Station 06402500, Beaver Creek near Buffalo Gap	52
24. Station 06402600, Cheyenne River near Buffalo Gap	55
25. Station 06404000, Battle Creek near Keystone	56
26. Station 06405000, Grace Coolidge Creek near Custer	58
27. Station 06406000, Battle Creek at Hermosa	59
28. Station 06408500, Spring Creek near Hermosa	61

	Page
Table	
29. Station 06409000, Castle Creek above Deerfield Reservoir, near Hill City	62
30. Station 06410000, Castle Creek below Deerfield Dam	63
31. Station 06410500, Rapid Creek above Pactola Reservoir at Silver City	64
32. Station 06411500, Rapid Creek below Pactola Dam	65
33. Station 06412500, Rapid Creek above Canyon Lake near Rapid City	67
34. Station 06414000, Rapid Creek at Rapid City	68
35. Station 06421500, Rapid Creek near Farmingdale	69
36. Station 06422500, Boxelder Creek near Nemo	70
37. Station 06423500, Cheyenne River near Wasta	71
38. Station 06425500, Elk Creek near Elm Springs	75
39. Station 06428500, Belle Fourche River at Wyoming-South Dakota State line	77
40. Station 06430500, Redwater Creek at Wyoming-South Dakota State line	79
41. Station 06431500, Spearfish Creek at Spearfish	81
42. Station 06433000, Redwater River above Belle Fourche	82
43. Station 06433500, Hay Creek at Belle Fourche	84
44. Station 06435500, Belle Fourche River near Belle Fourche	86
45. Station 06436000, Belle Fourche River near Fruitdale	87
46. Station 06436800, Horse Creek near Vale	88
47. Station 06437000, Belle Fourche River near Sturgis	90
48. Station 06437500, Bear Butte Creek near Sturgis	92
49. Station 06438000, Belle Fourche River near Elm Springs	94
50. Station 06438500, Cheyenne River near Plainview	97
51. Station 06439000, Cherry Creek near Plainview	99
52. Station 06439300, Cheyenne River at Cherry Creek	101
53. Station 06439500, Cheyenne River near Eagle Butte	103
54. Station 06440000, Missouri River at Pierre	106
55. Station 06441000, Bad River near Midland	107
56. Station 06441500, Bad River near Fort Pierre	110
57. Station 06442000, Medicine Knoll Creek near Blunt	114
58. Station 06442500, Medicine Creek at Kennebec	116
59. Station 06442950, Crow Creek near Gann Valley	119
60. Station 06443000, Missouri River at Chamberlain	120
61. Station 06445700, White River at Slim Butte	121
62. Station 06445980, White Clay Creek near Oglala	122
63. Station 06446000, White River near Oglala	123
64. Station 06447000, White River near Kadoka	125
65. Station 06447500, Little White River near Martin	129
66. Station 06448000, Lake Creek above Refuge near Tuthill	130
67. Station 06449000, Lake Creek below Refuge near Tuthill	131
68. Station 06449100, Little White River near Vetat	132
69. Station 06449250, Spring Creek near St. Francis	134
70. Station 06449500, Little White River near Rosebud	135

Table

71.	Station 06450500, Little White River below White River	138
72.	Station 06452000, White River near Oacoma	139
73.	Station 06453000, Missouri River at Fort Randall Dam.	143
74.	Station 06464500, Keya Paha River at Wewela	144
75.	Station 06467500, Missouri River at Yankton	147
76.	Station 06471000, James River at Columbia	149
77.	Station 06471200, Maple River at North Dakota- South Dakota State line	150
78.	Station 06471500, Elm River at Westport	152
79.	Station 06472000, James River near Stratford	154
80.	Station 06472500, Mud Creek near Stratford	155
81.	Station 06473000, James River at Ashton	156
82.	Station 06473500, South Fork Snake Creek near Athol	157
83.	Station 06473700, Snake Creek near Ashton	158
84.	Station 06473750, Wolf Creek near Ree Heights	159
85.	Station 06474000, Turtle Creek near Tulare	160
86.	Station 06474300, Medicine Creek near Zell	161
87.	Station 06474500, Turtle Creek at Redfield	162
88.	Station 06475000, James River near Redfield	164
89.	Station 06475500, Dry Run near Frankfort	165
90.	Station 06476000, James River at Huron	166
91.	Station 06476500, Sand Creek near Alpena	168
92.	Station 06477000, James River near Forestburg	170
93.	Station 06477150, Rock Creek near Fulton	171
94.	Station 06477500, Firesteel Creek near Mount Vernon	172
95.	Station 06478000, James River near Mitchell	174
96.	Station 06478500, James River near Scotland	175
97.	Station 06478540, Little Vermillion River near Salem	178
98.	Station 06478690, West Fork Vermillion River near Parker	180
99.	Station 06479000, Vermillion River near Wakonda	182
100.	Station 06479438, Big Sioux River near Watertown	184
101.	Station 06479500, Big Sioux River at Watertown	185
102.	Station 06479515, Willow Creek near Watertown	186
103.	Station 06479529, Stray Horse Creek near Castlewood	187
104.	Station 06479640, Hidewood Creek near Estelline	188
105.	Station 06479910, Sixmile Creek near Brookings	189
106.	Station 06480000, Big Sioux River near Brookings	190
107.	Station 06481000, Big Sioux River near Dell Rapids	192
108.	Station 06481500, Skunk Creek at Sioux Falls	195
109.	Station 06482000, Big Sioux River at Sioux Falls	198
110.	Station 06482020, Big Sioux River at North Cliff Avenue at Sioux Falls	199
111.	Station 06482100, Big Sioux River near Brandon	200
112.	Station 06482610, Split Rock Creek at Corson	201

GLOSSARY

- Backwater.**--Water backed up or retarded in its course as compared with its normal or natural condition of flow. In stream gaging, a rise in stage produced by a temporary obstruction such as ice or weeds, or by the flooding of the stream downstream. The difference between the observed stage and that indicated by the stage-discharge relation, is reported as backwater.
- Base discharge (for peak discharge).**--In the Geological Survey's annual reports on surface-water supply, the discharge above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peaks a year will be presented.
- Flood-frequency curve.**--1. A graph showing the number of times per year on the average, plotted as abscissa, that floods of magnitude, indicated by the ordinate, are equaled or exceeded. 2. A similar graph but with recurrence intervals of floods plotted as abscissa.
- Flood peak.**--The highest value of the stage or discharge attained by a flood; thus, peak stage or peak discharge.
- Gage height.**--The water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term stage although gage height is more appropriate when used with a reading on a gage. When added to the gage datum, gage height gives the water surface elevation in feet above NGVD.
- Gaging station.**--A particular site on a stream, canal, lake, or reservoir where observations of gage height or discharge are obtained.
- Partial-duration flood series (partial peaks).**--A list of all flood peaks that exceed a chosen base stage or discharge, regardless of the number of peaks occurring in a year.
- Recurrence interval (return period).**--The average interval of time within which the given flood will be equaled or exceeded once.
- Regulation.**--The artificial manipulation of the flow of a stream.
- Stage.**--The height of a water surface above an established datum plane; also gage height.
- Stage-discharge curve (rating curve).**--A graph showing the relation between the gage height, usually plotted as ordinate, and the amount of water flowing in a channel, expressed as volume per unit of time, plotted or abscissa.
- Stage-discharge relation.**--The relation expressed by the stage-discharge curve.
- Stream gaging.**--The process measuring the depths, areas, velocities, and rates of flow in natural or artificial channels.

Stream-gaging station.--A gaging station where a record of discharge of a stream is obtained. Within the Geological Survey this term is used only for those gaging stations where a continuous record of discharge is obtained.

Water year.--In Geological Survey reports dealing with surface-water supply, the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ended September 30, 1983, is called the "1983 water year."

ANALYSES OF FLOOD-FLOW FREQUENCY FOR SELECTED

GAGING STATIONS IN SOUTH DAKOTA

by Rick D. Benson, Eugene B. Hoffman, and Verlyn J. Wipf

ABSTRACT

Analyses of flood-flow frequency were made for 111 continuous-record gaging stations in South Dakota with 10 or more years of record. The analyses were developed using the log-Pearson Type III procedure recommended by the U.S. Water Resources Council (Interagency Advisory Committee on Water Data, 1981).

INTRODUCTION

The South Dakota Department of Transportation has a continuing need for data pertaining to flood-flow frequency for use in the design of highway structures. To meet this need, analyses of flood-flow frequency were made for each continuous-record gaging station in South Dakota with 10 or more years of record (as of the end of water year 1983), including stations which have been discontinued. The locations of the stations are shown in figure 1.

FLOOD-FREQUENCY ANALYSIS

The analyses of flood-flow frequency were made for 111 gaging stations using the log-Pearson Type III procedure recommended by the U.S. Water Resources Council (Interagency Advisory Committee on Water Data, 1981). This publication contains a complete and definitive description of the recommended procedure, which is summarized below.

The procedure characterizes flood occurrence at a single site as a sequence of annual peak flows. The magnitudes of the annual peak flows are assumed to be independent random variables following a log-Pearson Type III probability distribution; that is, the logarithms of the annual peak flows follow a Pearson Type III distribution. This distribution defines the probability that any single annual peak flow will exceed a specified discharge. By considering only annual peak flows, the flood-frequency analysis becomes the estimation of the log-Pearson annual-probability curve using the record of annual peak flows at the site.

The recorded data are divided into two classes: systematic and historic. The systematic record includes all annual peak flows determined in the process of conducting a systematic gaging program at a site. In a systematic gaging program, the annual peak flow is determined for each and every year of the program. The systematic record is intended to constitute an unbiased and representative sample of the population of all possible annual peak flows at the site. In contrast to the systematic record, the historic record consists of annual peak flows that would not have been determined except for evidence indicating their unusual magnitude. Flood information acquired from historical sources almost invariably refers to floods of noteworthy, and

hence extraordinary, size. Although historic records form a biased and unrepresentative sample, historic records can be used to supplement the systematic record.

The first step of the analyses of flood-flow frequency is to compute the statistics of the common logarithms of the annual peak flows in the systematic record. At some sites, annual peak flows of zero can occur; more generally, the annual peak flows occasionally may be equal to or less than some lower limit of measurement called the gage base (flood base), which may be zero. To account for this possibility, the number of annual peaks below the gage base is computed in addition to the mean, standard deviation, and skewness of the logarithms of the annual peak flows that are higher than the gage base. These statistics provide an initial estimate of the frequency curve and are modified as necessary by succeeding steps.

The second step is to detect and make appropriate adjustments for low outliers, high outliers, and historic peak flows. The sequence of these tests and adjustments depends on the station skew computed in the first step. Because a large skew of either sign is likely to be caused by an outlier on the corresponding end of the sample, this possibility is checked first and any necessary adjustment is applied before checking for outliers on the other end. If the skew is of moderate size, the existence of both high and low outliers can be checked before applying any adjustments. If one or more high outliers are detected, they are compared with historic flood data in order to make a determination to either treat the outlier as part of the systematic record, or adjust the outlier as specified in Appendix 6 of the guidelines. If one or more low outliers are detected, they are deleted from the record.

If no low outliers, zero flows, or below-gage-base peak flows are present, the frequency curve can be tabulated. This process involves selection of the Pearson Type III standardized ordinates at the desired skew and probability, and computing the ordinates of the logarithmic frequency curve. When annual peak flows below the flood base are present, an adjustment needs to be applied to account for the fraction of the population below the gage base (including zero flows).

The foregoing calculations define a frequency curve based solely on flood peaks determined at the site in question. This curve is subject to unreliability due to random sampling fluctuations in the record. To decrease this unreliability, the analysis next compares the calculated station skew with a generalized skew coefficient, which represents the skew that might be expected on the basis of experience at neighboring stations. A recommended skew is calculated as a weighted average of the generalized skew coefficient and the station skew. This resulting skew coefficient is used to tabulate the final log-Pearson Type III frequency curve.

The magnitude of instantaneous peak flows for various recurrence intervals are listed in table 1. The flood-flow frequencies were computed using Program J407 of the WATSTORE User's Guide (Kirby, 1981). Listings of the peak discharges for the stations are included in tables 2-112 in the Supplemental Information section at the end of this report.

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected continuous-record gaging stations in South Dakota

Station no.	Station name	Period of analysis (water years)	Discharge, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent													
			2		5		10		25		50		100		500	
			Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:
05290000	LITTLE MINNESOTA RIVER NEAR PEEVER	1940-81	793		1,920		2,970		4,640		6,130		7,810		12,500	
05291000	WHEATSTONE RIVER NEAR BIG STONE CITY	1910-83	1,130		2,850		4,350		6,510		8,250		10,100		14,400	
06334500	LITTLE MISSOURI R AT CAMP CROOK	1952-83	2,630		5,000		6,820		9,320		11,300		13,300		18,200	
06334860	SPRING CR NEAR HERREID	1963-83	182		784		1,500		2,750		3,910		5,220		8,700	
06355500	NORTH FORK GRAND R NEAR WHITE BUTTE	1/ 1967-83	829		2,210		3,580		5,860		7,950		10,400		17,400	
06356000	SOUTH FORK GRAND R AT BUFFALO	1908-83	651		1,390		1,990		2,830		3,500		4,180		5,840	
06356500	SOUTH FORK GRAND R NEAR CASH	1946-83	1,570		3,770		6,040		10,100		14,200		19,300		36,300	
06357500	GRAND R AT SHADEHILL	1951-83	336		1,100		2,100		4,210		6,660		10,100		23,900	
06357800	GRAND R AT LITTLE EAGLE	1959-83	5,070		9,500		12,800		17,300		20,800		24,400		33,000	
06358000	GRAND R NEAR WAKPALA	1/ 1951-64	4,550		11,000		17,100		26,900		35,800		46,100		75,500	
06358500	MISSOURI R NEAR MOBRIDGE	1929-54	120,000		197,000		255,000		336,000		401,000		471,000		651,000	
06359000	MOREAU R AT BIXBY	1949-73	2,740		5,580		8,040		11,800		15,200		18,900		29,600	
06359500	MOREAU R NEAR FAITH	1944-83	3,840		9,580		15,100		24,000		32,200		41,600		68,700	
06360000	MOREAU R NEAR EAGLE BUTTE	1944-58	6,320		16,400		26,300		42,800		58,000		75,800		128,000	
06360500	MOREAU R NEAR WHITEHORSE	1953-83	5,340		12,700		19,100		28,600		36,400		44,900		66,300	
06361000	MOREAU R AT PROMISE	1929-58	6,050		14,900		23,200		36,600		48,600		62,400		101,000	
06395000	CHEYENNE R AT EDEGMONT	1905-83	3,200		6,780		10,100		15,400		20,300		26,000		43,100	
06400000	HAT CR NEAR EDEGMONT	1905-83	796		2,190		3,880		7,370		11,400		17,100		40,100	
06400500	CHEYENNE R NEAR HOT SPRINGS	1915-72	5,160		12,900		21,800		39,100		58,100		83,900		183,000	
06401500	CHEYENNE R BELOW ANGOSTURA DAM	1950-83	734		4,950		12,800		33,900		62,500		107,000		306,000	
06402000	FALL R AT HOT SPRINGS	1/ 1953-83	223		482		728		1,140		1,530		1,990		3,450	
06402500	BEAVER CR NEAR BUFFALO GAP	1938-83	102		484		1,180		3,230		6,380		12,000		46,500	
06402600	CHEYENNE R NEAR BUFFALO GAP	1969-80	1,560		5,650		12,100		29,000		53,200		94,200		323,000	
06404000	BATTLE CR NEAR KEYSTONE	1946-83	258		968		2,080		4,980		9,040		15,800		52,200	
06405000	GRACE COOLIDGE CR NEAR CUSTER	1946-77	94		294		538		1,040		1,600		2,370		5,310	
06406000	BATTLE CR AT HERMOSA	1950-83	264		1,100		2,340		5,310		9,070		14,700		39,800	
06408500	SPRING CR NEAR HERMOSA	1950-83	54		415		1,210		3,810		8,020		15,700		61,200	
06409000	CASTLE CR ABOVE DEERFIELD RES NEAR HILL CITY	1949-83	54		123		201		360		540		792		1,830	
06410000	CASTLE CR BELOW DEERFIELD DAM	1947-83	51		83		107		138		163		189		252	
06410500	RAPID CR ABOVE PACTOLA RES NEAR SILVER CITY	1954-83	230		512		809		1,360		1,930		2,670		5,350	
06411500	RAPID CR BELOW PACTOLA DAM	1/ 1947-83	185		366		548		872		1,200		1,620		3,100	
06412500	RAPID CR ABOVE CANYON LAKE NEAR RAPID CITY	1947-83	231		654		1,240		2,650		4,520		7,520		23,000	
06414000	RAPID CR AT RAPID CITY	1946-83	476		1,310		2,440		5,080		8,510		13,900		41,000	
06421500	RAPID CR NEAR FARMINGDALE	1947-83	662		1,370		2,080		3,320		4,570		6,140		11,500	
06422500	BOXELDER CR NEAR NEMO	1911-83	196		899		2,190		6,080		12,300		23,700		77,600	
06423500	CHEYENNE R NEAR WASTA	1/ 1950-83	10,100		18,700		25,500		35,500		43,900		53,000		77,400	
06425500	ELK CR NEAR ELM SPRINGS	1950-83	1,120		3,610		6,300		10,900		15,300		20,400		35,10S	
06428500	BELLE FOURCHE R AT WY-SD STATE LINE	1952-83	1,410		2,440		3,190		4,190		4,970		5,770		7,680	
06430500	REDWATER CR AT WY-SD STATE LINE	1929-83	272		727		1,230		2,190		3,200		4,520		9,200	
06431500	SPEARFISH CR AT SPEARFISH	1904-83	278		739		1,310		2,530		3,980		6,100		15,200	
06433000	REDWATER RIVER ABOVE BELLE FOURCHE	1946-83	798		2,090		3,670		7,000		10,900		16,500		40,500	

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected continuous-record gaging stations
in South Dakota--Continued

Station no.	Station name	Period of analysis		Discharge, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent										
		(water years)	(years)											
				2	5	10	25	50	100	500				
		Years:	Percent:	50	20	10	4	2	1	0.2				
06433500	HAY CR AT BELLE FOURCHE	1954-83		73	234	428	804	1,200	1,720	3,530				
06435500	BELLE FOURCHE R NEAR BELLE FOURCHE	1924-43		3,010	7,160	11,200	17,800	23,900	31,200	52,900				
06436000	BELLE FOURCHE R NEAR FRUITDALE	1952-83		1,140	4,990	9,890	19,200	28,600	39,900	74,000				
06436800	HORSE CR NEAR VALE	1962-80		1,050	2,600	4,220	7,130	10,100	13,700	26,000				
06437000	BELLE FOURCHE R NEAR STURGIS	1952-83		3,940	8,400	12,700	19,900	26,700	35,100	61,600				
06437500	BEAR BUTTE CR NEAR STURGIS	1946-72		467	1,930	4,090	9,200	15,600	25,100	66,600				
06438000	BELLE FOURCHE R NEAR ELM SPRINGS	1/ 1952-83		6,730	16,600	26,700	44,200	61,300	82,200	149,000				
06438500	CHEYENNE R NEAR PLAINVIEW	1951-81		12,600	24,400	34,600	50,500	64,600	80,700	127,000				
06439000	CHEERY CR NEAR PLAINVIEW	1946-83		1,380	3,910	6,670	11,700	16,700	22,900	43,300				
06439300	CHEYENNE R AT CHERRY CREEK	1961-83		15,600	29,600	40,900	57,100	70,300	84,600	122,000				
06439500	CHEYENNE R NEAR EAGLE BUTTE	1/ 1950-67		16,000	29,500	40,200	55,300	67,600	80,700	114,000				
06440000	MISSOURI R AT PIERRE	1/ 1955-65		44,200	58,300	67,600	79,500	88,500	97,500	119,000				
06441000	BAD R NEAR MIDLAND	1946-83		2,400	5,490	8,550	13,800	19,000	25,300	45,600				
06441500	BAD R NEAR FORT PIERRE	1905-83		5,680	12,200	18,200	27,900	36,700	47,000	77,600				
06442000	MEDICINE KNOLL CR NEAR BLUNT	1917-83		53	348	929	2,640	5,200	9,560	32,800				
06442500	MEDICINE CR AT KENNEBEC	1952-83		502	2,240	4,530	9,110	13,900	19,900	39,200				
06442950	CROW CR NEAR GANN VALLEY	1972-83		769	1,720	2,620	4,100	5,480	7,110	12,000				
06443000	MISSOURI R AT CHAMBERLAIN	1929-54		137,000	234,000	313,000	428,000	527,000	637,000	941,000				
06445700	WHITE R AT SLIM BUTTE	1962-73		996	3,200	6,380	14,200	24,700	41,700	129,000				
06445980	WHITE CLAY CR NEAR OGLALA	1966-81		177	414	651	1,060	1,470	1,970	3,580				
06446000	WHITE R NEAR OGLALA	1944-83		864	1,620	2,310	3,440	4,500	5,780	9,810				
06447000	WHITE R NEAR KADOKA	1942-83		9,630	15,200	19,300	25,000	29,600	34,500	47,100				
06447500	LITTLE WHITE R NEAR MARTIN	1932-83		182	436	717	1,250	1,830	2,600	5,490				
06448000	LAKE CR ABOVE REFUGE NEAR TUTHILL	1938-79		74	112	138	172	198	224	288				
06449000	LAKE CR BELOW REFUGE NEAR TUTHILL	1938-83		84	114	135	163	185	208	264				
06449100	LITTLE WHITE R NEAR VETAL	1960-83		324	633	914	1,370	1,800	2,310	3,870				
06449250	SPRING CR NEAR ST FRANCIS	1960-74		36	53	65	81	93	106	136				
06449500	LITTLE WHITE R NEAR ROSEBUD	1944-83		752	1,610	2,510	4,180	5,920	8,230	16,600				
06450500	LITTLE WHITE R BELOW WHITE RIVER	1930-83		1,880	4,270	6,710	11,100	15,500	21,200	40,500				
06452000	WHITE R NEAR OACOMA	1929-83		10,300	17,900	24,000	33,000	40,700	49,200	72,700				
06453000	MISSOURI RIVER AT FORT RANDALL DAM	1953-83		47,300	59,200	67,900	79,700	89,100	99,000	125,000				
06464500	KEYA PAHA R AT WEWELA	1939-83		701	1,650	2,650	4,470	6,310	8,680	16,900				
06467500	MISSOURI R AT YANKTON	1/ 1953-83		42,900	54,800	63,200	74,400	83,200	92,400	116,000				
06471000	JAMES R AT COLUMBIA	1946-83		479	1,490	2,510	4,150	5,590	7,160	11,300				
06471200	MAPLE R AT ND-SD STATE LINE	1957-83		377	1,320	2,480	4,730	7,090	10,100	20,400				
06471500	ELM R AT WESTPORT	1947-83		702	2,780	5,400	10,500	15,900	22,700	44,700				
06472000	JAMES R NEAR STRATFORD	1950-77		466	1,550	2,760	4,920	6,990	9,470	16,800				
06472500	MUD CR NEAR STRATFORD	1956-77		50	262	587	1,320	2,190	3,380	7,780				
06473000	JAMES R AT ASHTON	1946-83		527	1,360	2,240	3,810	5,370	7,310	13,700				
06473500	SOUTH FORK SNAKE CR NEAR ATHOL	1950-73		107	645	1,620	4,260	7,910	13,700	41,200				
06473700	SNAKE CR NEAR ASHTON	1956-79		169	944	2,210	5,290	9,110	14,700	37,000				
06473750	WOLF CR NEAR REE HEIGHTS	1960-81		9.4	139	492	1,710	3,610	6,820	22,400				

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected continuous-record gaging stations
in South Dakota--Continued

Station no.	Station name	Period of analysis		Discharge, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent									
		(water years)	(years)										
				Years:	Percent:	2	5	10	25	50	100	500	0.2
06474000	TURTLE CR NEAR TULARE	1954-81	58	680	2,280	7,840	16,900	33,000	121,000				
06474300	MEDICINE CR NEAR ZELL	1960-81	102	531	1,200	2,760	4,640	7,320	17,700				
06474500	TURTLE CR AT REDFIELD	1946-72	219	1,180	2,800	6,940	12,400	20,700	57,800				
06475000	JAMES R NEAR REDFIELD	1950-83	767	2,060	3,360	5,560	7,620	10,100	17,300				
06475500	DRY RUN NEAR FRANKFORT	1956-78	8.6	119	409	1,370	2,850	5,280	16,700				
06476000	JAMES R AT HURON	1923-83	1,230	2,850	4,390	6,930	9,300	12,100	20,500				
06476500	SAND CR NEAR ALPENA	1950-83	171	934	2,000	4,140	6,310	8,960	16,800				
06477000	JAMES R NEAR FORESTBURG	1920-83	1,300	3,660	6,130	10,500	14,600	19,600	35,000				
06477150	ROCK CR NEAR FULTON	1967-79	131	788	1,880	4,500	7,700	12,300	29,900				
06477500	FIRESTEEL CR NEAR MOUNT VERNON	1956-83	192	1,460	3,790	9,760	17,300	28,200	70,500				
06478000	JAMES R NEAR MITCHELL	1954-72	1,640	3,670	5,670	9,130	12,500	16,700	30,200				
06478500	JAMES R NEAR SCOTLAND	1929-83	1,950	4,490	6,850	10,600	14,100	18,000	29,500				
06478540	LITTLE VERMILLION R NEAR SALEM	1967-83	44	305	727	1,660	2,690	4,000	8,170				
06478690	WEST FORK VERMILLION R NEAR PARKER	1962-83	405	1,430	2,640	4,910	7,180	9,980	18,800				
06479000	VERMILLION R NEAR WAKONDA	1958-83	1,090	3,060	5,280	9,450	13,800	19,400	38,600				
06479438	BIG SIOUX R NEAR WATERTOWN	1973-83	463	1,120	1,770	2,900	3,980	5,310	9,510				
06479500	BIG SIOUX R AT WATERTOWN	1946-72	332	934	1,460	2,210	2,790	3,370	4,680				
06479515	WILLOW CR NEAR WATERTOWN	1972-83	476	1,050	1,580	2,410	3,160	4,020	6,480				
06479529	STRAY HORSE CR NEAR CASTLEWOOD	1969-83	756	2,230	3,910	7,100	10,400	14,700	29,500				
06479640	HIDEWOOD CR NEAR ESTELLINE	1969-83	791	1,520	2,110	2,960	3,660	4,410	6,350				
06479910	SIXMILE CR NR BROOKINGS	1971-80	330	652	902	1,250	1,520	1,800	2,470				
06480000	BIG SIOUX RIVER NEAR BROOKINGS	1954-83	1,980	5,600	9,390	16,000	22,300	29,800	52,700				
06481000	BIG SIOUX R NEAR DELL RAPIDS	1949-83	2,800	7,610	12,500	20,800	28,500	37,700	64,900				
06481500	SKUNK CR AT SIOUX FALLS	1949-83	1,230	3,900	6,960	12,600	18,400	25,600	49,100				
06482000	BIG SIOUX R AT SIOUX FALLS	1950-59	3,580	9,210	14,700	23,700	32,000	41,600	69,300				
06482020	BIG SIOUX R AT NOR CLIFF AVE AT SIOUX FALLS	1969-83	2,930	5,380	7,290	9,980	12,200	14,500	20,400				
06482100	BIG SIOUX R NEAR BRANDON	1960-72	3,610	9,970	17,000	30,100	43,700	61,100	121,000				
06482610	SPLIT ROCK CR AT CORSON	1966-83	2,060	4,700	7,280	11,700	15,900	21,000	37,100				

1/ Only that portion of the record which was regulated was used in flood-frequency analysis.

SELECTED REFERENCES

- Becker, L. D., 1974, A method for estimating magnitude and frequency of floods in South Dakota: U.S. Geological Survey Water-Resources Investigations Report 35-74, 78 p.
- 1980, Techniques for estimating flood peaks, volumes, and hydrographs on small streams in South Dakota: U.S. Geological Survey Water-Resources Investigations Report 80-80, 82 p.
- 1982, Magnitude and frequency of floods from selected drainage basins in South Dakota: U.S. Geological Survey Water-Resources Investigations Report 82-31, 90 p.
- Interagency Advisory Committee on Water Data, 1981, Guidelines for determining flood flow frequency (2d ed., revised) [editorial corrections made March 1982]: Reston, Va., U.S. Geological Survey Office of Water Data Coordination, Hydrology Subcommittee Bulletin 17B, appendices 1-14, 28 p.
- Kirby, William, 1981, Annual flood frequency analysis using U.S. Water Resources Council Guidelines (program J407): U.S. Geological Survey WATSTORE User's Guide, v. 4, chap. I, sec. C, 57 p.
- Langbein, W. B., and Iseri, K. T., 1960, General introduction and hydrologic definitions: U.S. Geological Survey Water-Supply Paper 1541-A, 29 p.

SUPPLEMENTAL INFORMATION

Peak Discharge and Gage Height Data

Explanation

The following qualification codes are used in conjunction with discharge:

- No code - Discharge is a maximum instantaneous value
- 1 - Discharge is a maximum daily average
- 2 - Discharge is an estimate
- 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, ice-jam, or debris dam breakup
- B - Month or day of occurrence is unknown or not exact
- E - Only annual maximum peak available for this year

The following qualification codes are used in conjunction with gage height:

- No code - Gage height is the maximum, unaffected value at the site during the year
- 1 - Gage height affected by backwater
- 2 - Gage height not the maximum for the year
- 3 - Gage height at different site and/or datum
- 5 - Gage height is an estimate

The following abbreviations are used:

- SQ MI - square miles
- CFS - cubic feet per second
- FT - feet
- NGVD - National Geodetic Vertical Datum of 1929: A geodetic datum derived from a general adjustment of the first-order nets of both the United States and Canada, formerly called mean sea level.

TABLE 2.-- STATION 05290000, LITTLE MINNESOTA RIVER NEAR PEEVER, SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		447		SQ MI				
LAT.	LONG.	CONTRIBUTING	SQ MI							
453605 0965218 <td colspan="2">DRAINAGE AREA:</td> <td colspan="2">1000.00</td> <td colspan="2">(NGVD)</td>		DRAINAGE AREA:		1000.00		(NGVD)				
		GAGE DATUM:		450		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1966	03/18/66	1410		7.16	2		11.82	03/13/66	1	0
1967	03/26/67	472		5.20	1,2		5.56	03/10/67		0
1968	05/09/68	152		3.55						0
1969	04/06/69	3270		11.31						1
	05/17/69	880		6.01						
1970	04/07/70	371		4.49						0
1971	06/30/71	595		5.25	2		7.66	03/14/71	1	0
1972	03/16/72	2180		9.05						3
	05/14/72	1100		6.63						
	05/25/72	467		4.81						
	05/29/72	490		4.90						
1973	05/25/73	352		4.41						0
1974	03/05/74	368		5.52	1					0
1975	06/21/75	352		4.38						0
1976	03/21/76	2960		11.03						0
1977	03/31/77	161		3.79	2		4.57	03/16/77	1	0
1978	03/28/78	2140		8.90	2		10.73	03/23/78	1	5
	03/23/78	1860		10.73	1					
	04/01/78	1620		7.49						
	04/07/78	812		5.61						
	07/01/78	724		5.59						
	07/08/78	533		4.98						
1979	04/19/79	1810		8.23	2		9.62	04/13/79	1	3
	04/13/79	1620		9.62	1					
	04/19/79	1810		8.23						
	06/20/79	1640		7.86						
1980	03/31/80	490		5.02	1					0
1981	06/15/81	17		3.04						0

TABLE 3.-- STATION 05291000, WHEATSTONE RIVER NEAR BIG STONE CITY, SD

STATION LOCATOR											389	SQ MI
LAT. LONG.												
451732 0962914												
DRAINAGE AREA: CONTRIBUTING												
DRAINAGE AREA:												SQ MI
GAGE DATUM:											996.96	(NGVD)
BASE DISCHARGE:											200	CFS
NOTE: BLANKS INDICATE NO INFORMATION												
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE 1910	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS		
1910	03/08/10	2070								0		
1911	03/19/11	52								0		
1912	04/15/12	507								0		
1919	06/0 /19	29000	7	26.00		1910				0		
1931	05/28/31	1320		7.10						0		
1932	03/01/32	244		5.70	1					0		
1933	06/06/33	45		2.84	2		3.84	03/02/33	1	0		
1934	06/09/34	90		3.32	2		4.60	03/19/34	1	0		
1935	06/18/35	391		4.60	2		7.65	03/05/35	1	0		
1936	03/22/36	422		5.18	2		5.96	03/10/36	1	0		
1937	05/21/37	2900		10.10						0		
1938	03/14/38	234		6.00	1					0		
1939	03/23/39	1500		8.70	1					0		
1940	03/31/40	1040		7.89	2		7.95	03/30/40	1	0		
1941	04/10/41	244		4.24	2		5.05	03/12/41	1	0		
1942	06/07/42	3740		11.50						0		
1943	03/25/43	5140		13.50						0		
1944	06/02/44	1010		6.31	2		8.08	03/25/44	1	0		
1945	06/02/45	2770		9.87						0		
1946	03/22/46	1160		7.28	2		7.94	03/15/46	1	0		
1947	04/11/47	5500		13.95						0		
1948	03/25/48	3370		10.87						0		
1949	07/09/49	344		4.31	2		6.71	03/05/49	1	1		
	03/29/49	332										
1950	04/01/50	1260		7.35	2		9.49	03/27/50	1	1		
	04/16/50	778										
1951	04/05/51	1100	2	8.94	2		9.19	04/04/51	1	2		
	04/15/51	211		3.70								
	06/04/51	227		3.78								
1952	04/08/52	5710		13.64						3		
	04/04/52	4530		12.07								
	04/14/52	1400		7.20								
	06/29/52	1200		6.75								
1953	06/24/53	1110		6.56	2		6.94	03/19/53	1	3		
	03/20/53	238		6.24								
	04/27/53	212		3.71								
	05/02/53	457		4.73								
1954	06/07/54	3330		10.46						4		
	04/07/54	214		3.82								
	04/28/54	432		4.64								
	05/06/54	206		3.68								
	05/31/54	962		6.13								

TABLE 3.-- STATION 05291000, WHETSTONE RIVER NEAR BIG STONE CITY, SD--CONTINUED

WATER YEAR		DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.		DRAINAGE AREA: CONTRIBUTING SQ MI DRAINAGE AREA: SQ MI GAGE DATUM: 996.96 (NGVD) BASE DISCHARGE: 200 CFS		GAGE- HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1955		03/12/55	570						6.62	1,2		6.98	03/11/55	1	0
1956		04/06/56	429						5.22	1,2		5.33	04/05/56	1	2
		04/12/56	200						3.85	1					
		06/19/56	322						4.21						
1957		05/21/57	3680						10.94						7
		03/22/57	500	8											
		04/21/57	1300						6.89						
		05/15/57	882						5.88						
		05/26/57	2540						9.34						
		06/14/57	636						5.33						
		06/23/57	365						4.50						
		09/01/57	280						4.18						
1958		04/07/58	998						6.27	2		6.92	02/28/58	1	4
		02/ /58	461	B					6.92						
		03/26/58	506						4.96						
		10/25/57	242						4.03						
		11/04/57	230						3.98						
1959		03/23/59	70						3.69	2		3.84	03/15/59	1	0
1960		04/06/60	1560						8.00	2		8.25	03/29/60	1	1
		03/29/60	738						8.25	1					
1961		05/19/61	300						4.26	2		4.68	02/22/61	1	0
1962		03/29/62	2900						10.38	1,2		10.43	03/29/62	1	10
		04/06/62	1400						7.57						
		05/18/62	1500						7.77						
		05/23/62	2510						9.63						
		05/31/62	688						5.81						
		06/09/62	1980						8.74						
		06/17/62	1480						7.75						
		06/30/62	434						5.04						
		07/03/62	380						4.85						
		07/07/62	2530						9.66						
		07/20/62	2000						8.44						
1963		07/28/63	1600						7.85						3
		03/25/63	398						6.99	1					
		06/03/63	367						4.51						
		06/11/63	263						4.25						
1964		04/03/64	701						8.61	1					2
		04/07/64	466						4.84						
		04/14/64	293						4.19						
1965		04/06/65	1740						8.57	1					2
		05/16/65	218						3.87						
		05/24/65	1100						6.63						

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 3.-- STATION 05291000, WHETSTONE RIVER NEAR BIG STONE CITY, SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		389		SQ MI				
LAT. LONG.		CONTRIBUTING								
451732 0962914		DRAINAGE AREA:		996.96		SQ MI				
		GAGE DATUM:		(NGVD)						
		BASE DISCHARGE:		200		CFS				
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1966	03/14/66	2600		9.42	2		9.97	03/13/66	1	1
	03/18/66	1120		6.77						
1967	03/31/67	475		5.18	2		8.30	03/11/67	1	0
1968	04/24/68	153		3.67	2		4.12	03/11/68	1	0
1969	04/08/69	6870		14.32						2
	05/05/69	331		4.30						
	05/17/69	1040		6.71						
1970	03/04/70	1500	2	7.60	5					2
	04/07/70	564		5.28						
	04/21/70	465		4.90						
1971	06/30/71	2540		9.94						3
	03/14/71	2210		9.36	1					
	06/02/71	934		6.40						
	07/08/71	438		4.77						
1972	03/16/72	2930	2	10.24	1					11
	03/22/72	1960		8.43						
	04/13/72	2330		8.96						
	04/23/72	319		4.21						
	05/02/72	1040		6.65						
	05/14/72	2520		9.26						
	05/26/72	818		6.11						
	05/29/72	1890		8.36						
	06/20/72	732		5.84						
	07/09/72	380		4.56						
	07/26/72	530		5.16						
	11/18/71	290		4.13						
1973	05/25/73	2470		9.23						3
	03/15/73	967		6.53						
	03/26/73	210		3.61						
	05/03/73	217		3.66						
1974	03/05/74	373		5.63	1					1
	04/03/74	268		3.94						
1975	04/19/75	1000		6.67	1					1
	04/28/75	408		4.58						
1976	03/21/76	675		6.81	1					0
1977	03/14/77	717		6.64	1					1
	03/31/77	351		4.58						
1978	03/23/78	3850		11.50	1					10
	03/28/78	2530		10.10	1					
	04/01/78	2020		8.77						
	04/08/78	854		6.44						
	04/20/78	480		5.06						

TABLE 3.-- STATION 05291000, WHETSTONE RIVER NEAR BIG STONE CITY, SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		389 SQ MI				
LAT.	LONG.	CONTRIBUTING	SQ MI					
451732 0962914		DRAINAGE AREA:	996.96 (NGVD)					
		GAGE DATUM:	200 CFS					
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1979	04/25/78	1260		7.21				
	05/09/78	342		4.64				
	05/30/78	975		6.94				
	07/02/78	576		5.62				
	07/10/78	222		3.92				
	08/29/78	390		4.87				
	04/13/79	4210		12.11	1			5
	03/22/79	1140		9.17	1			
1980	03/31/79	1550		8.55	1			
	04/13/79	4210		12.11	1			
	04/20/79	1900		8.77	1			
	06/21/79	1110		7.50	1			
	03/20/80	774		6.79	1			1
	03/31/80	415		5.92	1			
	07/25/81	425		5.01				1
	06/14/81	385		4.85				
1982	03/31/82	3450		10.97	1			0
1983	04/01/83	1400		7.75				1
	03/16/83	286		4.01				

TABLE 4.-- STATION 06334500, LITTLE MISSOURI R AT CAMP CROOK SD

STATION LOCATOR		DRAINAGE AREA:		1970	SQ MI								
LAT.	LONG.	CONTRIBUTING											
453249 1035823		DRAINAGE AREA:		3108.98		SQ MI							
		GAGE DATUM:		3108.98		(NGVD)							
		BASE DISCHARGE:		1000		CFS							
NOTE: BLANKS INDICATE NO INFORMATION													
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS			
1952	/ / 52						18.00	03/31/52	1	0			
1956	07/05/56	3210		10.80						0			
1957	08/31/57	2080		8.95						1			
	06/24/57	1350		7.30									
1958	07/03/58	1200		7.17						1			
	06/09/58	1120		6.94									
1959	03/21/59	2350		9.70						0			
1960	03/22/60	3360		11.27						2			
	06/11/60	2340		9.46									
	08/20/60	1040		6.88									
1961	09/24/61	359		4.65	2		4.73	09/15/61	1	0			
1962	05/28/62	7600		15.07						2			
	03/24/62	2980		10.35									
	06/06/62	1410		7.60						7			
1963	06/16/63	3420		11.25									
	02/12/63	1080											
	03/03/63	1210		11.27	1								
	05/29/63	1430		7.22									
	06/06/63	1670		7.76									
	06/09/63	1870		8.21									
	06/23/63	1090		6.29						2			
	09/05/63	1080		6.52									
1964	06/11/64	1440		7.10									
	06/25/64	1240		6.55									
	08/24/64	1300		6.83									
1965	04/07/65	4000		12.91	1					5			
	04/12/65	1060		6.31									
	05/10/65	1030		6.14									
	06/03/65	1090		6.25									
	07/04/65	1040		6.13									
	08/25/65	1810		7.94									
1966	03/16/66	1850		9.53	1					0			
1967	05/08/67	5600		13.48						2			
	06/10/67	3700		11.66									
	06/15/67	3330		11.14									
	03/04/68	1570		9.96	1					0			
1968	03/25/69	3660		7.75			12.31	03/24/69	1	3			
1969	04/02/69	1380		10.10									
	07/21/69	2800		6.64									
	07/26/69	1230		7.26	2		7.90	03/28/70	1	1			
1970	04/13/70	1370											

TABLE 4.-- STATION 06334500, LITTLE MISSOURI R AT CAMP CROOK SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
453249 1035823										
DRAINAGE AREA: 1970 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 3108.98 (NGVD)										
BASE DISCHARGE: 1000 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1971	06/02/70	1270		7.09						
	06/05/71	4440		12.52						7
	03/16/71	2450								
	03/29/71	3960		12.36						
	04/12/71	1150		6.92						
1972	04/23/71	1650		8.24						
	05/26/71	1070		6.57						
	06/14/71	2100		9.33						
	09/07/71	1250		7.22						
	03/09/72	3720		11.59	2		11.65	10/05/71		4
1973	02/29/72	1400								
	05/12/72	1580		7.44						
	10/05/71	3130		11.65						
	10/20/71	1570		7.72						2
	06/21/73	1790		8.63						
1974	04/24/73	1200		7.09						
	06/05/73	1120		6.85						
	04/24/74	904		6.25						0
	05/07/75	8460		15.98	2		16.43	03/20/75	1	3
	04/10/75	1230		7.16						
1975	05/24/75	1370		7.53						
	06/30/75	1500								
	06/16/76	4800		13.22						0
	04/10/77	1830		8.69						0
	03/24/78	9420		16.90						5
1976	10/03/77	1760		8.00						
	10/09/77	3390		10.74						
	05/09/78	4560		12.32						
	05/24/78	2770		9.96						
	06/01/78	2720		9.89						
1979	03/27/79	2590					10.43	03/21/79	1	0
	06/17/80	58		3.19	2		5.36	03/19/80	1	0
	07/28/81	692		5.88						0
	05/21/82	6810		15.85						3
	05/17/82	4460		13.16						
1982	05/30/82	1210		7.57						
	06/07/82	1700		8.78						
	02/18/83	3020		10.35						2
	10/12/82	2480		9.47						
	03/15/83	1260		7.23						

TABLE 5.-- STATION 06354860, SPRING CR NEAR HERREID SD

STATION LOCATOR		DRAINAGE AREA:		440 SQ MI						
LAT. LONG.		CONTRIBUTING		220 SQ MI						
454852 1000628		DRAINAGE AREA:		1653.80 (NGVD)						
		GAGE DATUM:		40 CFS						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1963	03/23/63	112		6.96						0
1964	06/23/64	606		10.29						3
	04/28/64	128		6.35						
	05/04/64	88		5.80						
	06/19/64	347		8.77						
1965	06/27/65	405		9.18						0
1966	03/17/66	1160		11.60						0
1967	06/11/67	96		6.23						0
1968	04/23/68	83		5.82						1
	06/12/68	58		5.46						
1969	04/08/69	1150		11.58						2
	07/04/69	86		5.96						
	07/09/69	87		5.99						
1970	06/15/70	85		5.91						3
	04/16/70	54		5.40						
	04/20/70	43		5.17						
	06/20/70	42		5.08						
1971	06/18/71	931		10.85						4
	03/16/71	450								
	04/22/71	46		5.23						
	04/28/71	50		5.28						
	05/24/71	103		6.27						
1972	03/17/72	1110		11.42						2
	05/02/72	167		6.96						
	05/11/72	48		5.26						
1973	06/17/73	21		4.53						0
1974	03/05/74	160		6.96	1					0
1975	04/19/75	216						7.27	04/17/75 1	0
1976	03/21/76	2								0
1977	/ /77	0								0
1978	03/29/78	1340		11.49						3
	05/13/78	49		5.05						
	06/27/78	128		6.28						
	07/01/78	708		9.77						
1979	03/27/79	58		5.39						0
1980	04/21/80	0.6		3.36						0
1981	07/15/81	273		7.69						0
1982	04/01/82	1080		11.05						1
	03/17/82	60	9							
1983	03/07/83	40	9	5.91	1					0

TABLE 6.-- STATION 06355500, NORTH FORK GRAND R NEAR WHITE BUTTE SD

STATION LOCATOR
LAT. LONG.
454800 1022153

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

1190 SQ MI
2275.00 (NGVD)
400 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	07/02/46	72		3.44						0
1947	03/24/47	7040		12.35	1					3
	02/17/47	480		7.02	1					
	04/13/47	1260		6.10						
	06/23/47	1700		7.00						
1948	03/17/48	2000		7.47	2		10.26	03/16/48	1	2
	02/21/48	500		5.78	1					
	02/27/48	600		6.36	1					
1949	03/28/49	2600		8.46	2		11.10	03/25/49	1	1
	03/08/49	930		8.26	1					
1950	04/16/50	30900		20.00						5
	03/07/50	1700		8.50	1					
	04/07/50	800		6.58	1					
	04/10/50	2000		10.80	1					
	05/12/50	915		6.30						
	08/13/50	764		6.09						
1951	07/31/51	1450		6.97	2		7.20	03/23/51	1	1
	03/27/51	1190		6.58						1
1952	04/08/52	21500		17.00						3
	05/27/52	440		5.67						
1953	06/21/53	4430		8.92						
	05/29/53	2850		7.90						
	06/16/53	4270		8.82						
	07/22/53	1460		6.80						1
1954	04/08/54	689		5.55						
	08/26/54	405		5.17						0
1955	07/08/55	61		4.20						0
1956	03/20/56	310		5.67	1					0
1957	06/24/57	2170		7.32						0
1958	06/13/58	206		4.53						0
1959	03/21/59	1670		6.69						0
1960	06/11/60	1320		6.33						1
	03/23/60	989		6.01						0
1961	05/28/61	21		2.95						0
1962	07/04/62	844		5.83						0
1963	06/25/63	1340		6.50						0
1964	06/19/64	5150		9.15						1
	06/12/64	566		5.45						
1965	04/05/65	4000		10.61	1					4
	05/12/65	471		4.99						
	05/27/65	1080		5.86						
	06/04/65	779		5.50						

TABLE 6.--- STATION 06355500, NORTH FORK GRAND R NEAR WHITE BUTTE SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1190	SQ MI					
LAT.	LONG.	CONTRIBUTING								
454800	1022153	DRAINAGE AREA:		SQ MI						
		GAGE DATUM:	2275.00	(NGVD)						
		BASE DISCHARGE:	400	CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (")	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1966	06/15/65	618		5.22						2
	03/14/66	2200		7.99	1					
	06/05/66	552		5.27						
1967	06/23/66	622		5.44						0
	06/10/67	1270	6	6.16						
1968	06/21/68	766	6	5.32						0
1969	04/02/69	788	6	5.25	2		7.42	03/20/69	1	0
1970	05/07/70	980	6	5.66						0
1971	03/14/71	2750	6	7.81	2		8.62	03/13/71	1	0
1972	03/10/72	3300	6	9.58	1					0
1973	04/24/73	289	6							0
1974	01/18/74	185	6				5.10	02/26/73	1	0
1975	05/11/75	1310	6				5.10	01/18/74	1	0
1976	06/20/76	200	1							0
1977	06/12/77	1810	6							0
1978	03/28/78	6710	6				12.08	03/23/78	1	0
1979	04/10/79	920	6				5.96	03/28/79	1	0
1980	06/15/80	72	6							0
1981	07/14/81	148	6				6.32	12/07/80	1	0
1982	05/21/82	1850	6				8.63	02/20/82	1	0
1983	06/23/83	762	6				5.20			0

TABLE 7.-- STATION 06356000, SOUTH FORK GRAND R AT BUFFALO SD

STATION LOCATOR		DRAINAGE AREA:		148 SQ MI						
LAT.	LONG.	CONTRIBUTING		SQ MI						
453434	1033238	DRAINAGE AREA:		2839.60 (NGVD)						
		GAGE DATUM:		200 CFS						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1908	/ /08						15.40	/ /08		0
1956	07/03/56	738		5.80						1
	08/12/56	614		6.26						
1957	08/08/57	308		5.35	2		5.55	11/06/56	1	0
1958	06/09/58	404		5.68						0
1959	06/30/59	104		4.14	2		5.27	03/09/59	1	0
1960	06/09/60	1020		7.54						2
	03/20/60	320		5.60	1					
	09/08/60	312		5.62						
1961	08/17/61	375		6.33	1					0
1962	05/19/62	665		6.62						3
	05/22/62	450		6.00						
	05/26/62	322		5.60						
	07/17/62	207		5.10						
1963	06/14/63	2780		9.01						3
	04/27/63	254		5.10						
	05/11/63	254		5.09						
	06/17/63	1750		8.02						
1964	06/09/64	970		6.88						3
	06/13/64	305		5.40						
	06/18/64	715		6.57						
	06/23/64	586		6.30						
1965	05/24/65	1820		8.25						4
	05/09/65	598		6.33						
	06/01/65	362		5.63						
	06/14/65	526		6.15						
	07/01/65	1120		7.32						
1966	03/14/66	380		6.71	1					1
	08/14/66	214		5.07						
1967	05/07/67	1170		7.56						3
	04/16/67	380		5.70						
	06/07/67	620		6.42						
	06/14/67	315		5.48						
1968	08/24/68	95		4.27	2		5.51	02/25/68	1	0
1969	07/07/69	964		7.01	2		7.06	03/19/69	1	2
	06/25/69	206		4.95						
	07/16/69	770		6.64						
1970	06/12/70	582		6.23						1
	05/08/70	358		5.51						
1971	06/05/71	2140		8.55						5
	04/21/71	370		5.70						
	05/31/71	235		5.16						

TABLE 7.-- STATION 06356000, SOUTH FORK GRAND R AT BUFFALO SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		148 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
453434 1033238		DRAINAGE AREA:		2839.60 (NGVD)				
		GAGE DATUM:		200 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	05/16/82	925		7.25				
	05/29/82	690		6.87				
	06/07/82	263		5.60				
	06/18/82	251		5.58				
1983	10/09/82	685		6.89	2		6.91	3
	06/17/83	670		6.82				
	07/28/83	622		6.91	1	07/28/83	1	
	07/30/83	365		6.20				

TABLE 8.--- STATION 06356500, SOUTH FORK GRAND R NEAR CASH SD

STATION LOCATOR
LAT. LONG.
453856 1023834

DRAINAGE AREA:
CONTRIBUTING
--- INAGE AREA:
GAGE DATUM: 2422.75 (N VD)
BASE DISCHARGE: 500 CFS

1350 SQ MI
SQ MI

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	05/25/46	1040								1
	06/13/46	686								
1947	03/23/47	8000								8
	02/17/47	1120								
	03/25/47	1380								
	03/28/47	576								
	04/01/47	657								
	04/11/47	1570								
	06/21/47	971								
	06/26/47	3000								
	06/27/47	1240								
1948	03/14/48	2500								5
	02/18/48	2000								
	03/19/48	1000								
	05/25/48	746								
	06/19/48	715								
	07/16/48	523								
1949	03/23/49	3200								2
	03/08/49	2300								
	03/28/49	1120								
1950	04/15/50	27000								4
	03/07/50	1900								
	04/07/50	7000								
	05/03/50	528								
	05/10/50	1190								
1951	03/25/51	1000								1
	07/30/51	575								
1952	04/06/52	15600								1
	04/02/52	4690								
1953	07/21/53	2240								3
	05/29/53	1360								
	06/16/53	1580								
	06/20/53	2160								
1954	04/07/54	752								0
1955	06/29/55	700								0
1956	03/19/56	1040								1
	07/04/56	512								
1957	08/08/57	2420								2
	06/24/57	638								
	08/02/57	500								
1958	06/15/58	400								0
1959	03/19/59	758								0

TABLE 8.-- STATION 06356500, SOUTH FORK GRAND R NEAR CASH SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
453856 1023834										
DRAINAGE AREA: 1350 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 2422.75 (NGVD)										
BASE DISCHARGE: 500 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1960	06/10/60	3190								2
	03/22/60	1610								
	06/14/60	1040								0
1961	07/25/61	199								4
	08/09/62	1710								
	03/21/62	814								
1962	05/20/62	1220								
	05/23/62	1250								
	07/18/62	1040								3
1963	06/16/63	3200								
	03/03/63	1450								
	06/19/63	1130								
1964	06/25/63	694								2
	06/18/64	1010								
	06/10/64	782								4
1965	07/02/64	694								
	05/26/65	2860								
	04/03/65	1800								
1966	05/11/65	974								
	06/03/65	1070								0
	07/02/65	1130								2
1967	03/15/66	2100								
	05/08/67	2350								
	06/06/67	1810								
1968	06/14/67	1620								
	07/18/68	1220			2	4.58	4.58	02/28/68	1	0
	07/09/69	1400				4.64	4.64			2
1969	06/27/69	791				3.69	3.69			
	07/17/69	605				3.71	3.71			0
	05/08/70	1210				4.25	4.25			3
1970	06/06/71	3030				7.31	7.31	03/14/71	1	
	03/14/71	2400								
	03/28/71	1640								
1971	06/04/71	883								
	03/10/72	3600								5
	10/03/71	2110				4.06	4.06			
1972	02/29/72	2900				9.45	9.45			
	05/12/72	730				5.97	5.97			
	05/26/72	2050								
1973	08/26/72	1980								
	04/21/73	647						02/24/73	1	1
	06/20/73	528								
1974										
1975										
1976										
1977										
1978										
1979										
1980										
1981										
1982										
1983										
1984										
1985										
1986										
1987										
1988										
1989										
1990										
1991										
1992										
1993										
1994										
1995										
1996										
1997										
1998										
1999										
2000										
2001										
2002										
2003										
2004										
2005										
2006										
2007										
2008										
2009										
2010										
2011										
2012										
2013										
2014										
2015										
2016										
2017										
2018										
2019										
2020										
2021										
2022										
2023										
2024										
2025										
2026										
2027										
2028										
2029										
2030										
2031										
2032										
2033										
						</				

TABLE 8.-- STATION 06356500, SOUTH FORK GRAND R NEAR CASH SD--CONTINUED

STATION LOCATOR LAT. LONG. 453856 1023834										
DRAINAGE AREA: 1350 SQ MI CONTRIBUTING DRAINAGE AREA: SQ MI GAGE DATUM: 2422.75 (NGVD) BASE DISCHARGE: 500 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1974	01/18/74	225						01/18/74	1	0
1975	05/07/75	1290		4.71			4.12			6
	04/11/75	951		4.18						
	04/16/75	725		3.76						
	04/25/75	510		3.30						
	04/29/75	829		3.96						
	05/09/75	700		3.71						
	06/28/75	705		3.74						
1976	06/16/76	3320		7.61						1
	07/03/76	3050		7.30						
1977	06/16/77	1030		4.32						3
	04/08/77	523		3.38						
	06/12/77	792		3.89						
	07/07/77	878		4.05						
1978	03/27/78	3530		8.08						6
	10/03/77	883		4.06						
	10/09/77	766		3.84						
	05/09/78	690		4.11						
	05/31/78	1330		5.19						
	06/27/78	700		4.28						
	06/30/78	1070		4.93						
1979	04/10/79	1490		5.07	2		9.15	04/06/79	1	1
	04/18/79	550		3.43						
1980	08/29/80	217		2.58	2		3.78	02/16/80	1	0
1981	08/04/81	1080		4.39	2		5.06	12/01/80	1	0
1982	05/21/82	2300		6.27	2		6.50	02/26/82	1	5
	03/12/82	910	9							
	03/30/82	962		4.20						
	05/16/82	2290		6.25						
	05/30/82	861		4.13						
	06/08/82	519		3.41						
1983	10/11/82	1250		4.66	2		4.79	02/15/83	1	3
	10/30/82	536		3.36						
	07/20/83	761		3.76						
	07/30/83	550		3.31						

TABLE 9.-- STATION 06357500, GRAND R AT SHADEHILL SD

STATION LOCATOR										
LAT. LONG.										
454525 1021141										
DRAINAGE AREA: 3120 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 2192.48 (NGVD)										
BASE DISCHARGE:										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1944	04/07/44	18000								0
1945	03/14/45	8680								0
1946	05/25/46	637								0
1947	03/23/47	16100								0
1948	03/16/48	6800								0
1949	03/28/49	4800								0
1950	04/16/50	58000								0
1951	08/30/51	71	6							0
1952	04/09/52	5150	6							0
1953	06/22/53	2830	6							0
1954	04/10/54	252	6							0
1955	09/20/55	29	6							0
1956	03/29/56	169	6							0
1957	06/26/57	542	6							0
1958	06/18/58	137	6							0
1959	03/26/59	362	6	4.45						0
1960	06/16/60	499	6	4.70						0
1961	10/16/60	266	6	4.25						0
1962	08/26/62	125	6	3.78	2		3.99	12/07/61	1	0
1963	09/18/63	210	6	4.07						0
1964	10/10/63	207	6	4.06						0
1965	05/28/65	1240	6	5.71						0
1966	10/04/65	207	1							0
1967	06/16/67	1190	6	5.80			5.55	03/03/66	1	0
1968	01/05/68	85	6	3.35						0
1969	04/05/69	1160	6	5.62	2		3.39	03/13/68	1	0
1970	06/28/70	114	6	3.49						0
1971	03/19/71	1870	6	6.64						0
1972	03/16/72	3070	6	7.78						0
1973	04/28/73	303	6	4.33						0
1974	10/26/73	108	1							0
1975	05/17/75	490	1	4.67			3.72	12/19/73	1	0
1976	07/07/76	107	1							0
1977	10/30/76	50	1							0
1978	04/01/78	4190	1				3.72	12/29/76	1	0
1979	04/21/79	714	1	8.63						0
1980	10/13/79	356	1	5.06						0
1981	09/21/81	49	1				4.98	06/04/80		0
1982	05/23/82	2510	1				3.44	12/01/80	1	0
1983	08/26/83	121	1							0

TABLE 10.-- STATION 06357800, GRAND R AT LITTLE EAGLE SD

STATION LOCATOR
LAT. LONG.
453928 1004904

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

5370 SQ MI
SQ MI
1628.63 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (Ft)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (Ft)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1959	03/12/59	2170	6							0
1960	03/22/60	3200	6							0
1961	06/14/61	728	6							0
1962	06/13/62	11000	6							0
1963	08/29/63	3420	6							0
1964	06/10/64	5300	6							0
1965	06/03/65	8440	6							0
1966	03/18/66	10000	6							0
1967	06/20/67	3060	6							0
1968	06/22/68	2830	6							0
1969	03/24/69	9760	6							0
1970	05/10/70	8280	6							0
1971	03/15/71	7370	6	11.67	2		14.93	03/14/71	1	0
1972	03/12/72	15000	6	21.01	1		13.91	01/19/73	1	0
1973	03/01/73	5200	6							0
1974	04/21/74	5990	6	10.65						0
1975	05/12/75	7290	6	11.41						0
1976	06/25/76	1280	6	6.22						0
1977	09/25/77	2190	6	7.40						0
1978	03/23/78	19000	6	18.41	1					0
1979	04/03/79	5200	6	8.83	2		9.93	03/26/79	1	0
1980	06/07/80	2810	6	7.04	2		8.73	01/25/80	1	0
1981	08/05/81	1820	6				9.32	02/01/81	1	0
1982	05/22/82	9740	6	12.15						0
1983	05/13/83	5980	6	8.96						0

TABLE 11.-- STATION 06358000, GRAND R NEAR WAKPALA SD

STATION LOCATOR
LAT. LONG.
453940 1003820

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA: 5510 SQ MI
GAGE DATUM: 1582.87 (NGVD)
BASE DISCHARGE: 1400 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1914	06/15/14	4000								0
1915	06/18/15	7600								0
1916	04/20/16	3260								0
1929	03/14/29	7630								0
1931	06/12/31	843								0
1932	06/11/32	7230								0
1933	05/27/33	2140								0
1934	03/23/34	1360								0
1935	07/24/35	3800								0
1936	03/10/36	2010								0
1937	06/15/37	13700								6
	03/07/37	1960								
	04/08/37	2360								
	04/16/37	4510								
	06/08/37	8060								
	06/21/37	5160								
	07/15/37	1850								
1938	07/03/38	9110								3
	06/29/38	5730								
	07/07/38	7520								
	09/06/38	6740								
1939	03/24/39	7000								1
	07/08/39	4600								
1940	07/30/40	3420								2
	03/31/40	2970								
	04/30/40	1400								
1941	06/13/41	9100								2
	03/10/41	1400								
1942	06/08/41	6030								5
	05/19/42	4840								
	04/05/42	1700								
	05/03/42	3080								
	06/04/42	3660								
	06/30/42	1460								
	07/30/42	2900								
1943	03/26/43	15800								6
	02/23/43	13000								
	06/05/43	1780								
	06/09/43	1590								
	06/16/43	5790								
	07/05/43	1540								
	09/04/43	2500								

TABLE 11.-- STATION 06358000, GRAND R NEAR WAKPALA SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1944	04/09/44	32000								3
	06/19/44	11500		13.36						
	06/28/44	9950		12.60						
	07/10/44	1840		7.35						
1945	03/15/45	10000								2
	03/27/45	3280		8.65						
	06/08/45	3540		8.77						
1946	07/04/46	1000								0
1947	03/25/47	19000								4
	04/14/47	2090		7.15						
	06/08/47	3550		8.55						
	06/23/47	12400		11.80						
	06/29/47	4390		8.72						
1948	03/18/48	7700								2
	03/23/48	4250		9.10						
	06/19/48	2410		7.60						4
1949	03/28/49	10200								
	03/08/49	8300		12.66	1					
	03/25/49	9500		15.10	1					
	05/02/49	1660		7.00						
	05/30/49	1950		7.20						
1950	04/18/50	82200								5
	03/11/50	1700		7.41	1					
	03/26/50	3600		9.38	1					
	04/08/50	13300		14.19						
	05/10/50	6010		8.61						
	08/14/50	4580		8.95						
1951	03/26/51	10000	6							0
1952	04/02/52	17900	6							0
1953	06/17/53	32000	6							0
1954	06/07/54	3410	6							0
1955	09/23/55	755	6							0
1956	03/20/56	6260	6							0
1957	05/26/57	2740	6							0
1958	03/26/58	4510	6							0
1959	03/12/59	1660	6							0
1960	03/23/60	3890	6							0
1961	09/14/61	665	6							0
1962	06/14/62	8360	6							0
1963	08/29/63	3700	6							0
1964	06/10/64	6400	6							0
				8.00	2		8.49	03/02/61	1	
				11.70						
				9.75						
				10.45						

TABLE 12.-- STATION 06358500, MISSOURI R NEAR MORRIDGE SD

STATION LOCATOR
LAT. LONG.
453125 1002824

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

20870 SQ MI
1527.19 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1929	03/30/29	164000								0
1930	04/06/30	93100								0
1931	06/16/31	42200								0
1932	06/14/32	119000								0
1933	06/24/33	89800								0
1934	03/21/34	71000								0
1935	07/13/35	122000								0
1936	04/16/36	122000								0
1937	06/18/37	105000								0
1938	03/20/38	188000								0
1939	03/30/39	212000								0
1940	06/12/40	61800								0
1941	06/11/41	73000								0
1942	06/10/42	82300								0
1943	04/05/43	282000								0
1944	04/08/44	186400								0
1945	03/19/45	87500	1							0
1946	06/18/46	55800								0
1947	03/31/47	250000								0
1948	04/04/48	152000								0
1949	04/04/49	172000								0
1950	04/19/50	251000								0
1951	04/06/51	137000								0
1952	04/09/52	43000								0
1953	06/21/53	90000								0
1954	10/28/53	45000								0
1955	10/28/54	48500	6							0
1956	04/05/56	41200	6							0
1957	05/25/57	27900	6							0
1958	04/03/58	40800	6							0
1959	03/30/59	55000	6							0
1960	04/01/60	38000	6							0
1961	03/20/61	32100	1 6							0

TABLE 13.--- STATION 06359000, MOREAU R AT BIXBY SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1570		SQ MI				
LAT. LONG.		CONTRIBUTING								
450832 1023338		DRAINAGE AREA:		2431.02		SQ MI (NGVD)				
		GAGE DATUM:		1000		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	06/14/67	4620		9.65						
1968	06/24/68	676		4.58	2		5.44	02/29/68	1	0
1969	07/08/69	5200		10.26	2		11.93	03/19/69	1	3
	03/19/69	1200		11.93	1					
	07/17/69	1110		5.49						
	07/22/69	2950		8.07						
1970	04/26/70	1940		6.75						0
1971	03/28/71	7100		11.95						0
1972	02/29/72	4500		11.57	1					0
1973	06/03/73	2780		7.81						0

TABLE 14.-- STATION 06359500, MOREAU R NEAR FAITH SD

STATION LOCATOR		DRAINAGE AREA:		2660		SQ MI				
LAT. LONG.		CONTRIBUTING								
451152 1020922		DRAINAGE AREA:		2238.68		(NGVD)				
		GAGE DATUM:		1500		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1944	04/09/44	26000		21.90						5
	06/06/44	2010		7.70						
	06/14/44	1710		7.35						
	06/18/44	23000		20.60						
	06/24/44	4200		10.00						0
	07/13/44	2500		8.15						
	03/15/45	6280		12.01						
	06/21/46	2370		8.10						
1947	05/26/46	2010		7.70						1
	03/23/47	7930		13.50	2		15.40	02/16/47	1	
	02/16/47	5600		14.40	1					
	06/21/47	4300		10.10						
	06/24/47	5160		10.95						4
	07/11/47	1610		7.00						
	06/20/48	2010		7.45	2		12.00	03/16/48	1	
	03/09/48	1900		11.30	1					
1949	03/16/48	1900		12.00	1					2
	03/23/49	6280		12.00						
	03/08/49	2500		9.30	1					
	04/17/50	23000		19.00						
1950	04/04/50	6400		11.10						1
	04/07/50	11000		14.50	1					
	05/12/50	1970		6.62						
	08/13/51	2300		7.50						
1952	04/02/52	25000		18.20	2		21.31	03/30/52		0
	02/14/52	1700		7.72	1					
	06/28/52	1900		6.50						
	06/15/53	12700		15.60						
1953	03/03/53	2500		7.85	1					2
	05/03/53	1600		6.00						
	06/18/53	5110		9.00						
	06/21/53	4360		9.30						
1954	06/07/54	2460		7.10						4
	05/24/54	1660		6.30						
	09/22/55	826		5.08						
	07/05/56	2520		7.28						
1955	05/25/57	987		5.31						1
	07/04/58	2900		8.22						
	06/11/58	2340		7.55						
	03/14/59	830		5.47	1					
1959	03/22/60	3500		10.00	1					0
	06/17/61	743		4.92						

TABLE 14.-- STATION 06359500, MOREAU R NEAR FAITH SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
451152 1020922										
DRAINAGE AREA: 2660 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 2238.68 (NGVD)										
BASE DISCHARGE: 1500 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1962	05/23/62	5380		10.85						2
	05/20/62	2870		8.22						
	05/29/62	5080		10.57						
1963	06/18/63	3550		8.95	2		9.48	03/03/63	1	2
	03/03/63	3000		9.48	1					
	06/24/63	1540		6.26						1
1964	06/11/64	2460		7.92						
	06/23/64	2170		7.46						2
	05/26/65	7060		12.87						
1965	05/12/65	2710		8.25						
	06/02/65	1790		6.83						1
	03/15/66	4350		11.10	1					
1966	07/23/66	1510		6.41						2
	06/14/67	9020		14.12						
	05/10/67	5800		11.70						
1967	06/08/67	5700		11.14						
	06/25/68	942		5.32	2		5.85	03/01/68	1	0
	07/08/69	6250		11.64	2		11.98	03/20/69	1	3
1969	03/22/69	2850								
	07/17/69	1800		6.84						
	07/23/69	3460		8.82						0
1970	04/26/70	2700		7.78						5
	03/15/71	7650		13.70						
	03/22/71	2130		7.90						
1971	03/28/71	5500		11.42						
	05/31/71	1910		7.62						
	06/08/71	2960		8.81						
1972	06/11/71	1700		7.32						5
	02/29/72	6100		14.50	1					
	03/11/72	4840		11.01						
	05/13/72	2900		8.86						
	05/21/72	3760		9.94						
	05/28/72	2260		7.95						
1973	06/28/72	1970		7.61						
	06/04/73	1170					7.30	01/19/73	1	0
	04/16/74	206		3.53	2		4.06	02/13/74	1	0
1975	05/09/75	11500		15.85						4
	04/12/75	3500		11.00						
	04/30/75	5730		11.75						
	06/29/75	2060		7.81						
	07/06/75	1800		7.47						
	06/17/76	11000		15.63						1

TABLE 14.-- STATION 06359500, MOREAU R NEAR FAITH SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
STATION LOCATOR LAT. LONG.				DRAINAGE AREA: CONTRIBUTING		2660		SQ MI		
451152 1020922				DRAINAGE AREA: GAGE DATUM:		2238.68		SQ MI (NGVD)		
				BASE DISCHARGE:		1500		CFS		

1977	06/19/76	8590		14.04						0
	07/06/77	4070		10.28						5
1978	03/23/78	15800		17.69						
	05/07/78	1790		7.42						
	05/10/78	3550		9.68						
	05/21/78	1860		7.49						
	07/04/78	2010		7.71						
	07/23/78	2260		8.06						1
1979	07/15/79	2750		8.60						
	04/20/79	1590		6.96						
1980	06/16/80	1460		6.82						0
1981	08/03/81	535		4.61						0
1982	05/22/82	16700		18.04						3
	04/01/82	3220		9.04						
	05/31/82	2850		8.58						
	06/20/82	1620		6.79						
1983	10/11/82	3110		8.91						0

TABLE 15.-- STATION 06360000, MOREAU R NEAR EAGLE BUTTE SD

STATION LOCATOR												
LAT. LONG.												
451120 1011305												
DRAINAGE AREA: 4320 SQ MI												
CONTRIBUTING DRAINAGE AREA: 1792.00 (NGVD)												
GAGE DATUM: 1100 CFS												
BASE DISCHARGE:												
NOTE: BLANKS INDICATE NO INFORMATION												
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS		
1944	04/09/44	27000		23.00						5		
	06/07/44	5190		9.70								
	06/16/44	2380		7.10								
	06/19/44	16900		17.10								
1945	06/26/44	5300		9.80						1		
	07/14/44	2780		7.50								
	03/17/45	6290		10.50	2		13.10	03/14/45	1			
	06/09/45	2290		6.80								
1946	05/27/46	2470		7.00						4		
	06/04/46	1590		6.00								
	06/23/46	2020		6.50								
	06/29/46	1430		5.80								
1947	07/02/46	1360		5.70						4		
	03/24/47	10800		14.36	2		17.86	03/22/47	1			
	02/17/47	6840		12.60	1							
	04/06/47	2470		7.30								
1948	04/11/47	1760		6.40						3		
	06/22/47	10600		13.20								
	03/17/48	3420		8.24	2		12.50	03/15/48	1			
	04/24/48	1360		5.71								
1949	06/22/48	1590		6.03						1		
	07/20/48	1930		6.10								
	03/28/49	9400		12.62								
	03/09/49	3700		9.10	1							
1950	04/18/50	22200		20.23						2		
	04/08/50	12500		14.42								
	05/09/50	4100		8.68								
	03/27/51	4200		11.50	1							
1951	08/14/51	1310		5.65						2		
	08/31/51	2920		7.40								
	04/04/52	27400		21.70								
	02/14/52	4070		10.50	1							
1952	06/29/52	1440		5.68						6		
	06/15/53	30300		22.01								
	03/18/53	8160		10.90	1							
	03/22/53	7880		10.54								
1953	05/02/53	2730		6.64						4		
	06/09/53	3040		7.07								
	06/22/53	6980		9.52								
	08/21/53	1650		5.58								
1954	06/11/54	3090		6.96						4		
	05/25/54	1460		5.30								

TABLE 15.-- STATION 06360000, MOREAU R NEAR EAGLE BUTTE SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		4320	SQ MI					
LAT.	LONG.	CONTRIBUTING								
451120 1011305		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		1792.00	(NGVD)					
		BASE DISCHARGE:		1100	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	05/29/54	1360		5.17						
	06/05/54	1120		4.87						
	06/08/54	2990		6.72						
1955	09/25/55	452		3.73						0
1956	03/20/56	4500					9.20	03/18/56	1	1
	07/06/56	1980		5.85						
1957	05/26/57	3400		7.50						0
1958	06/12/58	2180		7.00						
	06/20/58	1120		5.48						2
	07/05/58	1870		6.45						

TABLE 16.--- STATION 06360500, MOREAU R NEAR WHITEHORSE SD

STATION LOCATOR				DRAINAGE AREA:		4880		SQ MI		
LAT. LONG.				CONTRIBUTING						
451521 1005033				DRAINAGE AREA:		SQ MI				
				GAGE DATUM:		1661.48		(NGVD)		
				BASE DISCHARGE:		1800		CFS		
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1953	06/ /53			26.20						0
1955	03/09/55	530		6.49						0
1956	03/21/56	5000		10.90	2		12.67	03/18/56	1	1
	07/07/56	1800		7.63						
1957	05/25/57	10100		15.70						1
	05/29/57	2840		8.70						
1958	07/05/58	3360		8.97						1
	06/13/58	1960		7.52						
1959	03/12/59	1780		7.40						
1960	05/25/60	6080		13.09						0
	03/25/60	3610		9.80	1					2
	06/20/60	3550		9.36						
1961	06/14/61	5720		12.81						0
1962	05/22/62	17500		21.00						6
	03/21/62	3000								
	05/31/62	5390		12.70						
	06/09/62	3050		9.37						
	06/13/62	7340		14.80						
	06/17/62	6540		14.00						
	08/10/62	4690		11.80						
1963	06/20/63	3130		9.15						0
1964	05/03/64	3200		9.70	2		9.75	04/15/64	1	1
	06/12/64	1920		7.70						
1965	05/29/65	6500		13.70						2
	05/15/65	5240		11.80						
	06/26/65	3720		9.88						
1966	03/17/66	14400		20.02						1
	03/31/66	3500								
1967	06/16/67	14500		20.07						2
	05/12/67	5660		13.04						
	06/10/67	4640		11.74						
1968	06/08/68	3120		9.33						0
1969	03/24/69	7370		15.17						3
	04/03/69	5030		12.11						
	07/10/69	5370		12.55						
	07/25/69	2630		8.19						
1970	05/09/70	7260		14.78						2
	04/28/70	4110		10.69						
	05/14/70	2400		7.90						
1971	03/17/71	10300		17.64						6
	03/30/71	6310		13.73						
	04/21/71	2240		7.87						

TABLE 16.-- STATION 06360500, MOREAU R NEAR WHITEHORSE SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1972	05/23/71	1840		7.00						
	06/10/71	1920		7.10						
	06/19/71	2010		7.29						
	07/12/71	2020		7.32						
	03/14/72	21000		26.20	1					4
1973	05/01/72	3060		9.45						
	05/15/72	2570		8.60						
	05/23/72	7350		15.20						
	05/28/72	5000		12.27						
	03/03/73	4000		12.29	1					1
1974	04/22/73	2120		6.89						
	04/21/74	770		4.43						0
1975	05/11/75	10900		17.99						2
	04/14/75	5120		12.15						
1976	05/01/75	7380		15.18						
	06/19/76	8600		16.34						2
	06/21/76	7390		15.19						
	06/25/76	2500		7.83						
	07/08/77	3160		9.29						0
1978	03/24/78	25600		25.31						6
	04/25/78	2640		8.41						
1979	05/01/78	1950		7.02						
	05/09/78	2380		7.53						
	05/12/78	5520		12.75						
	07/01/78	1920		6.95						
	07/25/78	1860		6.85						
1980	07/17/79	2350		7.81	2		11.40	03/19/79	1	2
	03/25/79	2300		7.85						
	06/23/79	2020		7.16						
	03/28/80	333		2.87	2		5.34	01/09/80	1	0
	10/16/80	1380	E	5.85						0
1982	05/24/82	27700		26.00						3
	04/01/82	5060		12.10						
1983	05/17/82	7810		15.64						
	06/02/82	2640		8.41						
	10/13/82	3740		10.22						1
	05/14/83	2080		7.23						

TABLE 17.-- STATION 06361000, MOREAU R AT PROMISE SD

STATION LOCATOR										DRAINAGE AREA:		5223		SQ MI	
LAT. LONG.										CONTRIBUTING					
452042 1003609										DRAINAGE AREA:		1587.01		SQ MI	
										GAGE DATUM:		1300		(NGVD)	
										BASE DISCHARGE:		1300		CFS	
NOTE: BLANKS INDICATE NO INFORMATION															
WATER	DATE	PEAK	DISCHARGE	DISCHARGE	GAGE	GAGE--	HIGHEST	MAX GAGE	DATE	GAGE--	NUMBER OF				
YEAR		(CFS)	CODES	CODES	HEIGHT	HEIGHT	SINCE	HEIGHT		HEIGHT	PARTIAL PEAKS				
					(FT)	CODES		(FT)		CODES					
1929	03/24/29	5850			11.56						5				
	03/14/29	5780			11.50										
	03/28/29	3750			8.80										
	05/31/29	3870			8.00										
	06/02/29	4290			8.30										
1930	06/07/29	2990			7.30						3				
	06/24/30	3980			9.06										
	02/24/30	1400													
	04/19/30	1640			5.90										
	05/09/30	1390			5.40										
1931	04/02/31	1370			5.30						0				
1932	06/12/32	5600			11.40							10			
	03/02/32	2870			7.50										
1933	03/24/32	2240			8.60	1					2				
	04/28/32	3570			8.50										
	05/03/32	3990			9.10										
	06/02/32	1530			5.50										
	06/04/32	2870			7.50										
	06/08/32	1410			5.30										
	06/18/32	2870			7.50										
	06/29/32	2730			7.30										
	08/18/32	4620			10.00										
	05/26/33	9960			16.80										
	04/24/33	2310			6.70										
	05/15/33	1410			5.30										
	06/26/34	630			3.60										
	06/06/35	4200			9.45										
	07/10/35	3780			8.80										
	1934	07/22/35	1770			5.92							0		
06/08/36		1310			5.12										
06/16/37		9100			15.80										
03/06/37		3160			8.30										
04/07/37		1380			5.37										
1935	04/15/37	1830			6.16						2				
	06/07/37	6300			12.57										
	07/15/37	5500			11.60										
	07/18/37	5190			11.25										
	06/24/38	4500			10.32										
1936	05/23/38	1600			5.95						0				
	07/08/38	1710			6.16										
	09/06/38	3920			9.46										
	09/10/38	1950			6.52										
1937											6				
1938											4				

TABLE 17.-- STATION 06361000, MOREAU R AT PROMISE SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION												
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING		GAGE- HEIGHT CODES		DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
					452042	1003609	5223	SQ MI				1587.01
1939	06/27/39	2320					7.22	2		03/24/39	1	1
	03/24/39	2130					7.67	1				
1940	06/09/40	1060					4.58					0
1941	06/13/41	12900					20.04					4
	04/30/41	1710					5.70					
	06/01/41	3420					8.81					
	06/04/41	1950					6.64					
	06/08/41	7180					14.36					
1942	06/06/42	9730					17.00					5
	05/01/42	5610					12.73					
	05/17/42	8130					15.43					
	07/02/42	2640					8.95					
	07/29/42	3690					10.37					
	08/02/42	1880					7.88					
1943	02/23/43	12900					20.00					5
	03/01/43	4100					10.44					
	03/24/43	11000					18.30					
	03/28/43	10300					17.65					
	06/14/43	11200					18.43					
	07/07/43	6100					13.00					2
1944	04/11/44	22800					23.20					
	06/08/44	4860					10.34					
	06/20/44	12800					18.75					
1945	03/17/45	6500					13.70	2		03/14/45	1	1
	06/07/45	5200					10.70					
1946	06/24/46	2220					6.94					5
	05/29/46	1820					6.45					
	06/05/46	1660					6.20					
	06/28/46	1980					6.60					
	06/30/46	1590					6.10					
	07/03/46	1660					6.20					
1947	03/25/47	29500					24.40					6
	02/16/47	6000					12.50	1				
	03/30/47	4060					9.60	1				
	04/06/47	4690					9.70					
	04/11/47	2380					7.10					
	04/15/47	1590					6.10					
	06/23/47	11700					16.00					
1948	03/19/48	9000					19.79	1				2
	04/25/48	2810					8.40					
1949	03/29/49	11300					16.20	2		03/26/49	1	1
							22.05					

TABLE 17.-- STATION 06361000, MOREAU R AT PROMISE SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1950	03/09/49	5000		11.30						
	04/19/50	20900		21.80						3
	03/26/50	3200		11.30	1					
	04/08/50	13600		18.00						
1951	05/08/50	7470		13.10						
	03/28/51	3600		11.33	2		12.78	03/28/51	1	3
	06/20/51	1970		7.43						
	08/14/51	2300		7.80						
1952	08/30/51	3440		9.02						
	04/05/52	36900		24.16						1
1953	02/16/52	5700		12.80	1					
	06/15/53	34300		23.80						4
	03/23/53	8730		13.59						
	05/02/53	3700		8.95						
1954	06/10/53	4810		10.06						
	06/21/53	6400		11.54						
	06/12/54	4350		9.60						0
	03/10/55	700		6.90	1					0
1956	03/21/56	5540		10.85	1					1
	07/08/56	3160		8.40						
1957	05/25/57	15000		18.50						1
	05/21/57	2460		8.10						
1958	07/06/58	3050		8.30						2
	03/26/58	2370		7.80						
	06/13/58	1570		6.72						

TABLE 18.-- STATION 06395000, CHEYENNE R AT EDMONT SD

STATION LOCATOR				DRAINAGE AREA: CONTRIBUTING		7143 SQ MI				
LAT. LONG.				DRAINAGE AREA:		SQ MI				
431820 1034914				GAGE DATUM:		3414.56 (NGVD)				
				BASE DISCHARGE:		1500 CFS				
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1905	07/30/05	13000	7	10.50						0
1920	05/12/20			13.00						0
1922	05/01/22			14.00						0
1929	06/03/29	10500		9.86						0
1930	08/18/30	4090		7.00						0
1931	10/04/30	3690		6.80						0
1932	06/18/32	5560		7.70						0
1947	06/22/47	2800		6.70						0
1948	06/18/48	3490		7.15						2
	06/23/48	2230		6.24						
	07/18/48	2370		6.60						
1949	06/07/49	1510		5.82						0
1950	06/19/50	1820		6.00						1
	07/22/50	1550		5.81						
1951	07/03/51	4000		7.44						6
	06/19/51	2160		4.27						
	06/23/51	2510		6.49						
	07/30/51	2440		6.35						
	08/01/51	3910		7.32						
	09/05/51	2580		6.56						
	09/08/51	2090		6.20						2
1952	06/28/52	8940		9.29						
	05/24/52	6700		6.30						
	06/04/52	3820		6.96						
1953	05/31/53	2050		5.75						0
1954	05/22/54	5150		7.57						1
	08/06/54	1520		5.62						
1955	08/08/55	5660		8.02						4
	04/12/55	2360		6.29						
	04/15/55	2220		6.19						
	05/18/55	1850		5.94						
1956	06/04/55	1520		5.69						1
	06/19/56	2820		6.12						
1957	05/29/56	1560		5.56						
	05/25/57	7980		9.05						2
	06/11/57	3290		6.82						
1958	08/17/57	2480		6.28						
	07/20/58	5160		7.71						2
	07/11/58	4190		7.31						
	07/31/58	5120		7.68						
1959	06/24/59	1450		5.47						0
1960	06/10/60	1320		5.35						0

TABLE 18.-- STATION 06395000, CHEYENNE R AT EDMONT SD--CONTINUED

STATION LOCATOR LAT. LONG.		DRAINAGE AREA: CONTRIBUTING		7143 SQ MI		DRAINAGE AREA: SQ MI		3414.56 (NGVD)		1500 CFS		GAGE DATUM: BASE DISCHARGE:		GAGE- HEIGHT SINCE		DATE		GAGE- HEIGHT CODES		NUMBER OF PARTIAL PEAKS	
431820 1034914		PEAK DISCHARGE (CFS)		DISCHARGE CODES		GAGE HEIGHT (FT)		GAGE- HEIGHT CODES		5.50 2		5.75 06/14/61		5.50 2		5.75 06/14/61		5.50 2		5.75 06/14/61	
WATER YEAR	DATE																				
1961	07/09/61	1260				5.50		2		5.50		5.75		06/14/61		0					
1962	06/17/62	13500				11.46				11.46						6					
	05/23/62	9120				9.45				9.45											
	05/27/62	12900				11.17				11.17											
	06/13/62	2700				5.75				5.75											
	06/21/62	2350				5.35				5.35											
	07/05/62	1730				5.10				5.10											
	07/14/62	5900				7.67				7.67											
1963	06/07/63	2780				5.83				5.83						2					
	06/05/63	2190				5.49				5.49											
	09/02/63	1520				5.15				5.15						1					
1964	06/12/64	2480				5.61				5.61						2					
	06/17/64	1680				5.07				5.07											
1965	06/17/65	8800				9.30				9.30						2					
	05/15/65	1780				5.15				5.15											
	05/25/65	1950				5.40				5.40						1					
1966	07/16/66	3130				6.02				6.02						1					
	07/14/66	1800				5.16				5.16						1					
1967	06/24/67	4340				6.86				6.86						1					
	06/17/67	2740				5.89				5.89						0					
1968	06/10/68	3040				6.24				6.24						3					
1969	07/20/69	6180				8.19				8.19											
	07/17/69	4090				6.80				6.80											
	07/19/69	4550				7.23				7.23											
	07/22/69	1960				5.53				5.53											
1970	05/17/70	502				3.98				3.98						0					
1971	05/25/71	13800				10.57				10.57						4					
	04/29/71	1800				5.43				5.43											
	05/27/71	2920				6.09				6.09											
	06/01/71	10500				9.54				9.54											
	06/03/71	3350				6.36				6.36											
1972	06/17/72	750				7.31				7.31						0					
1973	09/10/73	4920				5.31				5.31						2					
	05/08/73	1870				5.94				5.94											
	07/22/73	2550				3.50		2		3.50											
1974	03/06/74	394				4.27				4.27						0					
1975	06/29/75	799				5.27				5.27						0					
1976	06/18/76	1830				5.82				5.82						0					
1977	07/10/77	2570				13.65				13.65						5					
1978	05/20/78	28000				5.34				5.34											
	03/20/78	1700				5.47				5.47											
	05/10/78	2280																			

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 18.-- STATION 06395000, CHEYENNE R AT EDGE MONT SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		7143		SQ MI				
LAT.	LONG.	CONTRIBUTING				SQ MI				
431820	1034914	DRAINAGE AREA:		3414.56		(NGVD)				
		GAGE DATUM:		1500		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	05/29/78	2640		4.82						
	07/23/78	5860		6.57						
	07/30/78	2130		4.17						
1979	08/11/79	3960		5.95						1
	07/06/79	1920		4.32						
1980	08/17/80	2500		4.64						0
1981	07/15/81	3010		5.04						1
	07/19/81	2570		4.70						
1982	06/03/82	4160		6.72						0
1983	07/19/83	1760		5.14						0

TABLE 19.--- STATION 06400000, HAT CR NEAR EDMONT SD

STATION LOCATOR										DRAINAGE AREA:		1044		SQ MI	
LAT. LONG.										CONTRIBUTING					
431424 1033516										DRAINAGE AREA:		3295.71		SQ MI	
										GAGE DATUM:		(NGVD)			
										BASE DISCHARGE:		1000		CFS	
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	DISCHARGE (CFS)	PEAK DISCHARGE	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS			
1905	08/12/05	9150		7								0			
1951	07/29/51	2640										2			
	06/19/51	1760													
	07/04/51	1110													
1952	06/05/52	1790										1			
	06/30/52	1080													
1953	03/13/53	636										0			
1954	05/23/54	9430										0			
1955	08/12/55	3170										1			
	09/21/55	1790													
1956	06/18/56	628										0			
1957	05/26/57	5820										0			
1958	07/21/58	747										0			
1959	06/19/59	1740										0			
1960	03/22/60	133										0			
1961	03/21/61	200										0			
1962	06/18/62	1400										1			
	06/12/62	1120													
1963	06/16/63	734										0			
1964	06/18/64	632										0			
1965	05/17/65	916										0			
1966	07/04/66	835										0			
1967	06/16/67	13300										1			
	06/11/67	6830													
1968	06/11/68	2310										4			
	06/07/68	1070													
	06/09/68	2020													
	07/11/68	1420													
	07/27/68	1960													
1969	07/20/69	478										0			
1970	06/13/70	335										0			
1971	05/24/71	1700										0			
1972	07/22/72	310										0			
1973	04/22/73	685										0			
1974	04/14/74	898										0			
1975	07/11/75	200										0			
1976	06/18/76	373										0			
1977	04/14/77	256										0			
1978	05/10/78	1070										0			
1979	08/21/79	784										0			
1980	02/29/80	346										0			
1981	05/07/81	80										0			
1982	05/21/82	1180										0			
1983	08/05/83	1370										0			
											</				

TABLE 20.-- STATION 06400500, CHEYENNE R NEAR HOT SPRINGS SD

STATION LOCATOR		DRAINAGE AREA:		8710 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
431819	1033343	DRAINAGE AREA:		3190.89 (NGVD)				
		GAGE DATUM:		2000 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1915	06/12/15	39200						0
1916	06/21/16	6140						0
1917	05/22/17	16100						0
1918	07/14/18	19000						0
1919	07/05/19	10300						0
1920	05/12/20	114000						0
1943	06/14/43	9140		10.66				0
1944	07/11/44	9000		11.00				0
1945	06/07/45	3750		9.00				0
1946	06/19/46	5770		9.86				0
1947	06/22/47	7430		10.50				0
1948	06/18/48	3750		9.05				0
	03/16/48	2360		7.96				4
	03/20/48	2210		7.94				
	06/24/48	3020		8.78				
	07/19/48	2520		8.25				
1949	03/02/49	2850		8.54				2
	02/27/49	2070		7.93				
	03/05/49	2220		8.20				
1950	06/19/50	1930		7.92				0
1951	07/30/51	6250		10.40				6
	06/19/51	3420		9.00				
	06/24/51	3610		9.12				
	07/03/51	5400		10.03				
	08/01/51	5190		9.90				
	09/05/51	3420		8.95				
	09/09/51	3050		8.80				
1952	06/28/52	9450		11.72				2
	05/24/52	6950		10.79				
	06/04/52	4290		9.57				
1953	05/31/53	1620		7.57				0
1954	05/23/54	7380		10.90				0
1955	08/09/55	5150		10.15				4
	04/12/55	2750		8.49				
	04/16/55	3120		8.79				
	05/18/55	2290		8.11				
	08/12/55	2580		8.52				
1956	06/19/56	2870		8.59				0
1957	05/25/57	9870		12.78				3
	05/21/57	4710		9.77				
	06/12/57	4090		9.71				
	08/18/57	2260		8.49				

TABLE 20.-- STATION 06400500, CHEYENNE R NEAR HOT SPRINGS SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		8710	SQ MI			
LAT.	LONG.	CONTRIBUTING						
431819 1033343		DRAINAGE AREA:			SQ MI			
		GAGE DATUM:		3190.89	(NGVD)			
		BASE DISCHARGE:		2000	CFS			
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1958	07/20/58	5610		10.76				2
	07/11/58	4570		9.57				
	07/31/58	4930		10.29				
1959	06/24/59	1550		7.67				0
1960	06/10/60	1160		7.28				0
1961	07/10/61	1030		7.91				0
1962	06/18/62	15500		16.35				5
	05/24/62	7510		12.60				
	05/28/62	13500		15.45				
	06/03/62	2120		9.30				
	06/13/62	2950		9.92				
	07/13/62	5870		11.72				
1963	06/08/63	2460		9.56				0
1964	06/12/64	2190		9.17				0
1965	06/19/65	7380		13.32				2
	05/16/65	2360		9.50				
	05/25/65	2370		9.47				
1966	07/16/66	2450		9.53				1
	03/12/66	2290		9.46				
	06/16/67	10400		14.90				
1967	03/15/67	2400		9.55				3
	06/13/67	3820		10.84				
	06/25/67	5820		12.20				
1968	06/10/68	4690		12.38				0
1969	07/20/69	7990		14.09				2
	07/18/69	3620		11.64				
	07/23/69	2410		10.62				
1970	05/18/70	590		8.08				0
1971	05/25/71	14200		17.71				1
	06/01/71	8910		15.64				
1972	03/05/72	4460		12.74				0

TABLE 22.--- STATION 06402000, FALL R AT HOT SPRINGS SD

STATION LOCATOR										DRAINAGE AREA:		137 SQ MI	
LAT. LONG.										CONTRIBUTING			
432550 1032833										DRAINAGE AREA:		SQ MI	
										GAGE DATUM:		3413.20 (NGVD)	
										BASE DISCHARGE:		135 CFS	
NOTE: BLANKS INDICATE NO INFORMATION													
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS			
1938	09/04/38	13100								0			
1939	06/15/39	103		1.97						0			
1940	04/27/40	691		3.47						4			
	07/11/40	677		3.44									
	07/16/40	157		2.16									
	09/23/40	179		2.23									
	09/30/40	154		2.15									
1941	08/06/41	4700		9.13						1			
	04/13/41	569		3.20									
1942	06/04/42	339		2.66						1			
	06/02/42	199		2.29									
1943	03/23/43	538		3.13						2			
	05/29/43	146		2.13									
	06/13/43	274		2.50									
1944	06/12/44	234		2.65						1			
	05/24/44	198		2.30									
1945	06/10/45	286		2.65						1			
	07/26/45	266		2.64									
1946	05/02/46	314		2.75						1			
	07/17/46	232		2.54									
1947	06/20/47	8300		11.12						3			
	07/10/47	439		2.84									
	07/16/47	256		2.39									
	07/22/47	172		2.15									
1948	08/13/48	1720		5.57						0			
1949	08/17/49	132		1.96						0			
1950	07/05/50	141		2.57						0			
1951	08/14/51	220		2.72						0			
1952	05/18/52	46		2.15						0			
1953	09/01/53	119	6	2.44						0			
1954	05/22/54	65	6	2.24						0			
1955	09/19/55	558	6	3.19						0			
1956	05/26/56	46	6	2.25	2	2.27	2.27	06/17/56		0			
1957	06/06/57	51	6	2.23						0			
1958	07/02/58	558	6	3.21						0			
1959	06/22/59	188	6	2.58						0			
1960	06/11/60	36	6	2.14						0			
1961	07/07/61	2060	6	5.90						2			
	06/13/61	755	6	3.68									
	07/30/61	1140	6	4.36									
1962	07/13/62	392	6	2.96						1			
	05/21/62	148	6	2.50									

TABLE 22.-- STATION 06402000, FALL R AT HOT SPRINGS SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING		137 SQ MI						
LAT. LONG.		DRAINAGE AREA:		SQ MI						
432550 1032833		GAGE DATUM:		3413.20 (NGVD)						
		BASE DISCHARGE:		135 CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1963	06/06/63	805	6	3.73						0
1964	08/17/64	166	6	2.57						0
1965	05/14/65	192	6	2.62						1
	05/24/65	156	6	2.53						
1966	07/13/66	376	6	2.99						0
1967	06/17/67	665	6	3.56						0
1968	07/28/68	354	6	3.07						4
	06/09/68	156	6	2.64						
	07/16/68	239	6	2.84						
	07/17/68	213	6	2.79						
	08/17/68	141	6	2.65						
1969	05/15/69	93	6	2.41						0
1970	07/27/70	152	6	2.58						0
1971	06/29/71	122	6	2.51						0
1972	06/09/72	145	6	2.60						0
1973	08/21/73	197	6	2.73						1
	09/02/73	148	6	2.64						
1974	07/31/74	326	6	3.04						0
1975	06/18/75	408	6	3.18						0
1976	07/31/76	370	6	3.12						0
1977	07/04/77	486	6	3.32						0
1978	03/18/78	229	6	2.82						0
1979	08/22/79	234	6	2.82						0
1980	08/30/80	86	6	2.50						0
1981	07/23/81	293	6	2.92						0
1982	05/19/82	237	6	2.97						0
1983	06/19/83	384	6	3.60						0

TABLE 23.-- STATION 06402500, BEAVER CR NEAR BUFFALO GAP SD

STATION LOCATOR		DRAINAGE AREA:		130 SQ MI						
LAT. LONG.		CONTRIBUTING		SQ MI						
432756 1031822		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		3150.00 (NGVD)						
		BASE DISCHARGE:		24 CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1938	09/04/38	11700	5			1927				0
1939	06/21/39	65	5	4.90	1					0
1940	04/27/40	116	5	4.44	2		4.45	07/16/40		1
	07/16/40	102	5	4.45						
1941	04/13/41	856	5	6.41						4
	04/17/41	68	5	3.98						
	06/09/41	31	5	3.61						
	06/15/41	43	5	3.80						
	08/07/41	70	5	4.07						
1942	07/18/42	91	5	4.44						3
	06/02/42	52	5	3.95						
	06/04/42	41	5	3.87						
	07/27/42	62	5	4.14						
1943	06/13/43	96	5	4.31						6
	03/25/43	81	5	4.05						
	04/10/43	72	5	3.99						
	06/07/43	80	5	4.16						
	06/27/43	30	5	3.79						
	06/30/43	29	5	3.78						
	07/04/43	35	5	3.87						
1944	05/25/44	23	5	3.61	2		3.70	01/30/44	1	0
1945	06/11/45	64	5	3.97						0
1946	05/02/46	102	5	4.25						0
1947	06/20/47	1240	5	7.36						3
	06/30/47	87	5	4.10						
	07/11/47	59	5	3.84						
	07/22/47	330	5	5.28						
1948	07/14/48	25	5	3.36	2		3.67	02/12/48	1	0
1949	07/14/49	21	5	3.34	2		4.45	01/20/49	1	0
1950	08/13/50	38	5	3.81	2		4.30	02/02/50	1	0
1951	09/07/51	85	5	4.68						1
	06/23/51	25	5	3.85						
1952	05/23/52	51	5	4.01	2		4.77	01/01/52	1	1
	06/03/52	26	5	3.67						
1953	/ /53	11	1							
1954	08/20/54	670	5	6.25			4.16	01/16/53	1	0
1955	08/10/55	2750	5	10.15						0
	09/20/55	121	5	4.57						1
1956	12/23/55	13	5	3.39	2		3.73	02/01/56	1	0
1957	06/13/57	432	5	5.59						3
	05/25/57	48	5	4.08						
	06/16/57	47	5	4.05						

TABLE 23.-- STATION 06402500, BEAVER CR NEAR BUFFALO GAP SD--CONTINUED

STATION LOCATOR										DRAINAGE AREA:		130		SQ MI					
LAT. LONG.										CONTRIBUTING									
432756 1031822										DRAINAGE AREA:		SQ MI							
										GAGE DATUM:		3150.00		(NGVD)					
										BASE DISCHARGE:		24		CFS					
NOTE: BLANKS INDICATE NO INFORMATION																			
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS									
1958	06/27/57	26	5	3.82															
	07/30/58	381	5	6.06						2									
	07/03/58	279	5	5.76															
	07/18/58	74	5	4.84															
1959	08/02/59	83	5	4.45						0									
1960	12/24/59	21	5	3.67	2		4.17	03/03/60	1	0									
1961	11/17/60	16	5	3.79	2		4.37	12/04/60	1	0									
1962	07/13/62	601	5	6.54						4									
	05/21/62	34	5	4.47															
	05/28/62	66	5	4.82															
	06/17/62	48	5	4.64															
1963	07/04/62	71	5	4.86						4									
	06/07/63	1440	5	8.36															
	06/03/63	62	5	4.76															
	06/15/63	393	5	5.99															
1964	07/06/63	40	5	4.49															
	07/14/63	829	5	6.99						0									
	06/16/64	304	5	5.78						2									
	05/24/65	308	5	5.87															
1965	03/31/65	31	5	4.25															
	06/12/65	42	5	4.68						0									
	07/14/66	1430	5	8.38						2									
	06/23/67	109	5	5.09															
1966	06/07/67	40	5	4.50															
	06/18/67	42	5	4.53						0									
	06/07/68	111	5	5.10						1									
	07/17/69	340	5	5.89						0									
1967	03/16/69	26	5	4.31						2									
	03/10/70	15	5	4.04	2		5.15	01/07/70	1	0									
	05/04/71	340	5	6.04						2									
	02/13/71	273	5	5.79															
1968	06/29/71	46	5	4.70						0									
	06/10/72	829	5	7.09						0									
	03/14/73	13	5	3.87	2		4.35	01/10/73	1	0									
	04/11/74	16	5	4.16	2		4.98	01/13/74	1	0									
1969	07/24/75	861	5	7.27						1									
	06/19/75	66	5	5.05						0									
	07/31/76	660	5	7.80						0									
	05/05/77	16	5	4.15	2		4.65	01/09/77	1	0									
1970	03/10/78	157	5	6.16	2		6.43	03/09/78	1	0									
	07/23/79	192	5	6.40						1									
	08/17/79	30	5	4.79															

TABLE 23.-- STATION 06402500, BEAVER CR NEAR BUFFALO GAP SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1.30	SQ MI					
LAT.	LONG.	CONTRIBUTING								
432756	1031822	DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		3150.00	(NGVD)					
		BASE DISCHARGE:		24	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1980	10/29/79	15	5	5.36	2		5.95	05/12/80	1	0
1981	10/20/80	14	5	4.91						0
1982	05/20/82	19	5	4.62						0
1983	12/09/82	12	5	4.23						0

TABLE 24.-- STATION 06402600, CHEYENNE R NEAR BUFFALO GAP SD

STATION LOCATOR		DRAINAGE AREA:		9810 SQ MI						
LAT.	LONG.	CONTRIBUTING								
433005 1030423		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		2811.45 (NGVD)						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	07/21/69	8620	6	9.89						0
1970	04/24/70	429	6	4.13						0
1971	05/25/71	17600	6	11.44						0
1972	06/10/72	2750	6	7.24						0
1973	05/10/73	1140	6	5.45						0
1974	02/21/74	762	6	4.80	2		6.14	01/23/74	1	0
1975	06/19/75	460	6	4.12						0
1976	07/31/76	516	6	4.38						0
1977	07/09/77	1590	6	6.18						0
1978	05/21/78	25000	6	13.15						0
1979	03/17/79	600	1 6		1					0
1980	02/26/80	1350	6	5.75						0

TABLE 25.-- STATION 06404000, BATTLE CR NEAR KEYSTONE SD

STATION LOCATOR
LAT. LONG.
435218 1032009

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

66 SQ MI
SQ MI
3800.00 (NGVD)
100 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	05/02/46	391								0
1947	06/22/47	304								0
1962	06/16/62	444								6
	05/21/62	351		2.76						
	05/26/62	251		2.48						
	05/28/62	164		2.23						
	06/19/62	178		2.27						
	07/01/62	425		2.96						
	07/14/62	123		2.07						
1963	06/15/63	533								1
	06/21/63	240		2.45						
1964	06/09/64	171								0
1965	05/24/65	718								5
	05/14/65	604								
	06/12/65	380		3.45						
	06/18/65	524		2.97						
	06/23/65	202		3.29						
	07/19/65	429		2.52						
1966	08/19/66	76		3.08						0
1967	06/15/67	533								2
	06/01/67	191		2.48						
	06/24/67	167		2.42						
1968	06/25/68	103								0
1969	07/17/69	551								1
	07/22/69	246								
1970	06/12/70	680		2.65						2
	05/27/70	146								
	08/06/70	442		2.28						
1971	06/01/71	429		3.11						2
	05/09/71	396		3.56						
	05/23/71	157		2.78						
1972	06/09/72	26200								1
	06/20/72	300								
1973	04/19/73	737		6.36						0
1974	07/19/74	35		4.43						0
1975	07/19/75	239		6.55						0
1976	06/15/76	1260		2.71						5
	04/20/76	144		4.02						
	05/01/76	115		4.69						
	05/23/76	311		4.18						
	05/26/76	166		4.03						
	06/09/76	117								
								08/13/74	1	
								3.97		

TABLE 25.-- STATION 06404000, BATTLE CR NEAR KEYSTONE SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
435218 1032009										
DRAINAGE AREA: 66 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 3800.00 (NGVD)										
BASE DISCHARGE: 1.00 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1977	04/12/77	27		3.99						0
1978	05/18/78	230		4.68						5
	05/01/78	181		4.53						
	05/04/78	164		4.47						
	05/09/78	142		4.39						
	05/24/78	122		4.31						
	05/30/78	117		4.29						
1979	07/04/79	409		5.07						1
	07/28/79	119		4.25						
1980	06/17/80	21		3.59						0
1981	05/17/81	763		5.60						1
	05/27/81	112		4.18						
1982	06/04/82	101		4.22						0
1983	05/07/83	80		4.12						0

TABLE 26.-- STATION 06405000, GRACE COOLIDGE CR NEAR CUSTER SD

STATION LOCATOR
LAT. LONG.
434540 1032142

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

25.3 SQ MI
SQ MI
4100.00 (NGVD)
25 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	06/18/46	67								0
1947	06/21/47	206								0
1967	06/12/67	151		2.45						0
1968	06/09/68	29		1.81	2		2.39	01/01/68	1	0
1969	07/05/69	52		1.98	2		2.42	02/10/69	1	0
1970	08/06/70	196		2.61						2
	06/12/70	153		2.47						
	08/11/70	57		1.95						
1971	05/21/71	109		2.27	2		3.28	02/13/71	1	6
	02/13/71	90								
	04/22/71	58		2.13						
	04/30/71	47		2.22						
	06/01/71	74		2.10						
	06/07/71	38		1.83						
	06/13/71	30		1.77						
1972	06/10/72	709		4.64						1
	06/19/72	96		2.25						
1973	04/20/73	46		1.95						0
1974	10/13/73	6		1.43						0
1975	06/19/75	83		2.28						0
1976	06/15/76	980		5.44						3
	05/04/76	39		1.91						
	05/23/76	134		2.51						
	06/09/76	326		3.34						
1977	07/27/77	63	2							0

TABLE 27.-- STATION 06406000, BATTLE CR AT HERMOSA SD

STATION LOCATOR		DRAINAGE AREA:		178 SQ MI				
LAT.	LONG.	CONTRIBUTING	SQ MI					
434941 1031144		DRAINAGE AREA:	3290.00 (NGVD)					
		GAGE DATUM:	150 CFS					
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HIGHEST SINCE GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1950	07/02/50	149						0
1951	06/24/51	163						0
1952	05/22/52	2950						0
1953	06/19/53	519						0
1954	08/26/54	7						0
1955	06/17/55	16						0
1956	07/02/56	869						0
1957	07/28/57	1950						0
1958	05/04/58	153						0
1959	06/29/59	34						0
1960	05/27/60	262						0
1961	07/19/61	190						1
	06/13/61	159						
1962	07/13/62	1820		12.44				7
	05/22/62	624		6.47				
	05/26/62	467		5.55				
	05/28/62	558		6.10				
	06/17/62	978		8.55				
	06/20/62	240		3.85				
	06/24/62	1170		9.60				
	07/01/62	688		6.85				
1963	06/16/63	891		7.92				3
	04/28/63	268		3.89				
	06/06/63	348		4.47				
	06/21/63	260		4.04				
1964	06/09/64	164		3.22				0
1965	05/24/65	974		8.23				5
	05/15/65	896		7.77				
	06/12/65	534		5.64				
	06/18/65	668		6.83				
	06/23/65	239		3.76				
	07/20/65	508		5.47				
1966	08/19/66	90		2.78				0
1967	06/12/67	984		8.75				1
	06/24/67	227		3.90				
1968	08/07/68	341		4.51				0
1969	07/17/69	484		5.39				2
	07/21/69	216		3.63				
	09/17/69	457		5.26				
1970	06/12/70	520		5.60				0
1971	06/01/71	653		6.83				2
	05/10/71	542		5.75				

TABLE 27.-- STATION 06406000, BATTLE CR AT HERMOSA SD--CONTINUED

STATION LOCATOR
LAT. LONG.
434941 1031144

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

178 SQ MI
3290.00 (NGVD)
150 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	05/23/71	152		3.68						
1972	06/09/72	21400		17.72						2
	06/18/72	322		5.47						
	06/20/72	349		5.62						0
1973	04/20/73	261		5.12						0
1974	08/23/74	44		3.09						0
1975	06/19/75	317		5.32						0
1976	06/15/76	1390		11.40						3
	05/24/76	502		6.40						
	05/26/76	186		4.45						
	06/09/76	957		8.80						0
1977	07/27/77	142		4.21						1
1978	05/18/78	244		5.05						
	05/06/78	223		4.96						
1979	07/29/79	367		5.92						1
	07/04/79	256		5.20						
1980	10/22/79	14		2.90						0
1981	05/18/81	689		7.97						0
1982	06/05/82	58		3.45						0
1983	05/08/83	29		3.05						0

TABLE 29.--- STATION 06409000, CASTLE CR ABOVE DEERFIELD RES NEAR HILL CITY SD

STATION LOCATOR
LAT. LONG.
440049 1034948

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

83 SQ MI
SQ MI
5910.00 (NGVD)
100 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1949	48		2.56	2		3.38	12/22/48	1	0
1950	108		3.38						1
	100		3.28						
1951	55		2.64	2		3.46	02/10/51	1	0
1952	1120		5.81						0
1953	37		2.42	2		3.22	12/30/52	1	0
1954	27		2.18	2		3.66	01/23/54	1	0
1955	58		2.87	2		4.64	04/10/55	1	0
1956	32		2.30	2		3.25	03/24/56	1	0
1957	40		2.49	2		2.98	01/18/57	1	0
1958	20		2.04	2		2.85	01/22/58	1	0
1959	20		2.13	2		2.72	01/07/59	1	0
1960	68		2.96	2		3.12	03/22/60	1	0
1961	25		2.24	2		2.95	01/31/61	1	0
1962	92		3.21						0
1963	124		3.53	2		4.12	02/02/63	1	0
1964	114		3.52	2		3.57	12/19/63	1	0
1965	906		5.67						1
	123		3.56						
1966	83		3.16	2		3.87	01/03/66	1	0
1967	74		3.05	2		3.63	03/06/67	1	0
1968	32		2.45	2		3.62	02/07/68	1	0
1969	82		3.20	2		3.25	11/30/68	1	0
1970	95		3.28	2		3.80	12/04/69	1	0
1971	70		3.08	2		3.36	12/14/70	1	0
1972	34		2.44	2		3.18	01/07/72	1	0
1973	40		2.56	2		2.60	12/01/72	1	0
1974	37					3.93	01/15/74	1	0
1975	102					3.48	12/04/74	1	0
1976	52		2.78	2		3.14	02/10/76	1	0
1977	27		2.29	2		2.98	01/13/77	1	0
1978	64		2.88	2		3.30	12/20/77	1	0
1979	30		2.25	2		2.60	02/18/79	1	0
1980	28		2.26						0
1981	20		2.08						0
1982	148		3.65						0
1983	87		5.84						0

TABLE 31.-- STATION 06410500, RAPID CR ABOVE PACTOLA RES AT SILVER CITY SD

STATION LOCATOR
LAT. LONG.
440505 1033448

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

292 SQ MI
SQ MI
4620.00 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1954	05/23/54	106	6	5.64						0
1955	07/28/55	1520	6	8.90						0
1956	03/24/56	175	6	6.85	2		7.32	03/21/56	1	0
1957	05/25/57	181	6	5.96						0
1958	05/31/58	113	6	5.61						0
1959	09/25/59	146	6	5.79	2		6.50	03/19/59	1	0
1960	03/23/60	117	6	6.14	2		6.21	03/22/60	1	0
1961	07/07/61	96	6	5.43	2		6.71	03/07/61	1	0
1962	06/15/62	390	6	6.62						0
1963	06/16/63	715	6	7.37						0
1964	06/09/64	635	6	7.16						0
1965	05/15/65	2060	6	10.44						0
1966	03/16/66	150	6	5.64	2		6.56	03/06/66	1	0
1967	06/16/67	627	6	7.14						0
1968	06/09/68	106	6	5.34	2		6.15	02/03/68	1	0
1969	07/20/69	213	6	5.79						0
1970	04/19/70	995	6	7.98						0
1971	04/25/71	305	6	6.01						0
1972	07/06/72	252	6	5.85	2		6.03	12/29/71	1	0
1973	05/09/73	169	6	5.52	2		6.06	11/24/72	1	0
1974	04/30/74	54	6				6.33	01/14/74	1	0
1975	04/26/75	219	6	5.63	2		5.71	03/14/75	1	0
1976	06/15/76	614	6	7.17						0
1977	04/25/77	187	6	5.52						0
1978	05/11/78	430	6	6.58						0
1979	07/23/79	173	6	5.38	2		5.90	12/30/78	1	0
1980	05/11/80	75	6	4.80	2		5.65	12/29/79	1	0
1981	07/26/81	83	6	4.92	2		5.34	12/05/80	1	0
1982	05/20/82	332	6	6.35						0
1983	05/09/83	262	6	6.00						0

TABLE 32.--STATION 06411500, RAPID CR BELOW PACTOLA DAM SD

STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING		320 SQ MI						
LAT.	LONG.	DRAINAGE AREA: SQ MI		SQ MI						
440436 1032854		GAGE DATUM: 4406.00 (NGVD)								
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1929	06/03/29	794								0
1930	04/09/30	194								0
1931	04/08/31	155								0
1932	04/24/32	682	2							0
1933	05/24/33	1540	2							0
1934	02/11/34	117	2							0
1935	06/01/35	437	2							0
1936	04/13/36	100	2							0
1937	07/12/37	84	2							0
1938	04/16/38	86	2							0
1939	04/24/39	62	2							0
1940	08/27/40	245	2							0
1941	06/11/41	540	2							0
1942	05/16/42	409	2							0
1947	06/23/47	954	6							0
1948	06/22/48	248	6							0
1949	06/02/49	233	6							0
1950	04/15/50	233	6							0
1951	06/14/51	97	6							0
1952	05/22/52	2190	6							0
1953	06/15/53	160	6							0
1954	05/23/54	94	6		7.36		4.86	03/13/54	1	0
1955	07/29/55	378	6							0
1956	03/25/56	178	6				7.36	12/25/55	1	0
1957	03/14/57	55	6				4.42	08/09/57	1	0
1958	06/02/58	84	6				5.30	09/30/58	1	0
1959	08/21/59	90	6				5.23	10/20/58	1	0
1960	07/20/60	112	6							0
1961	06/11/61	111	6				5.12	07/20/61	1	0
1962	05/18/62	67	6				5.22	08/24/62	1	0
1963	06/30/63	184	6				8.16			0
1964	06/10/64	266	6				8.34			0
1965	05/19/65	547	6				9.00			0
1966	03/20/66	147	6				8.01			0
1967	06/22/67	406	1				8.63			0
1968	10/04/67	311	6				8.44			0
1969	05/20/69	306	6				8.41			0
1970	05/12/70	304	1				8.44			0
1971	04/25/71	338	6				8.55			0
1972	10/05/71	505	6				8.82			0
1973	05/08/73	168	1				8.14			0
1974	07/04/74	113	1				8.00	07/17/74		0

TABLE 32.-- STATION 06411500, RAPID CR BELOW PACTOLA DAM SD--CONTINUED

STATION LOCATOR
LAT. LONG.
440436 1032854

DRAINAGE AREA:
CONTRIBUTING 320 SQ MI
DRAINAGE AREA: 4406.00 (NGVD)
GAGE DATUM:
BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1975	06/07/75	85	1	6						0
1976	06/29/76	234	1	6						0
1977	05/05/77	188	1	6						0
1978	06/01/78	386	1	6						0
1979	06/16/79	101	1	6						0
1980	07/15/80	118	1	6						0
1981	05/02/81	142	1	6						0
1982	07/03/82	139	1	6						0
1983	05/13/83	268	1	6						0
							8.41			

TABLE 33.--STATION 06412500, RAPID CR ABOVE CANYON LAKE NEAR RAPID CITY SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING SQ MI	DRAINAGE AREA: SQ MI (NGVD)	BASE DISCHARGE:	GAGE-- HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.								
				440304	1031847	371	3405.39						
1947	06/23/47	950	6						7.82				0
1948	06/22/48	245	6						5.43				0
1949	08/15/49	290	6						5.63	2	03/19/49	1	0
1950	04/15/50	209	6						5.33	2	03/30/50	1	0
1951	06/15/51	77	6						4.62	2	03/27/51	1	0
1952	05/23/52	2600	6						10.08	2	03/24/52	1	0
1953	06/16/53	152	6						4.65	2	03/12/53	1	0
1954	08/12/54	140	6						4.53	2	01/31/54	1	0
1955	07/29/55	326	6						5.44	2	03/18/55	1	0
1956	05/29/56	130	6						4.49	2	01/20/56	1	0
1957	07/14/57	433	6						5.84				0
1958	05/30/58	81	6								03/13/58	1	0
1959	06/30/59	82	6								03/15/59	1	0
1960	07/16/60	82	6								03/18/60	1	0
1961	07/01/61	100	6								02/03/61	1	0
1962	07/13/62	1310	6						4.75	2			0
1963	06/06/63	191	6						8.02				0
1964	06/11/64	268	6						5.91				0
1965	05/19/65	614	6						6.09	2	03/28/64	1	0
1966	03/22/66	140	6						6.99	2			0
1967	06/15/67	439	6						5.62	2	03/09/66	1	0
1968	10/04/67	198	6						6.61				0
1969	05/20/69	139	6						5.87				0
1970	06/14/70	245	6						5.37				0
1971	04/26/71	385	6						5.42	2	03/21/70	1	0
1972	06/09/72	31200	6						5.39				0
1973	05/09/73	173	6						17.77				0
1974	08/22/74	516	6										0
1975	06/07/75	92	6						5.95				0
1976	06/15/76	636	6						4.07				0
1977	05/08/77	194	6						6.00				0
1978	05/21/78	433	6						4.12				0
1979	06/17/79	150	6						5.24				0
1980	07/16/80	119	6						3.85				0
1981	07/13/81	132	6						3.74				0
1982	07/22/82	264	6						3.87				0
1983	05/11/83	283	6						4.57				0
									4.66				0

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 34.--STATION 064L4000, RAPID CR AT RAPID CITY SD

STATION LOCATOR										DRAINAGE AREA:		410		SQ MI	
LAT.		LONG.		CONTRIBUTING				SQ MI							
440509		1031431		DRAINAGE AREA:				3230.00				(NGVD)			
GAGE DATUM:										BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS					
1905	07/26/05	2500								0					
1906	08/02/06	980								0					
1943	06/13/43	936								0					
1944	06/12/44	270								0					
1945	08/01/45	381								0					
1946	07/18/46	1000	6							0					
1947	06/24/47	1170	6							0					
1948	08/13/48	472	6							0					
1949	08/15/49	563	6							0					
1950	04/16/50	246	6							0					
1951	10/09/50	143	6							0					
1952	05/23/52	2540	6							0					
1953	06/19/53	824	6							0					
1954	06/10/54	172	6							0					
1955	08/10/55	878	6							0					
1956	10/15/55	182	6							0					
1957	07/14/57	784	6							0					
1958	07/19/58	362	6							0					
1959	12/11/58	141	6							0					
1960	06/20/60	290	6							0					
1961	06/14/61	115	6							0					
1962	07/13/62	3300	6							0					
1963	06/05/63	418	6							0					
1964	06/13/64	426	6							0					
1965	06/11/65	706	6							0					
1966	07/26/66	586	6							0					
1967	06/15/67	616	6							0					
1968	06/09/68	259	6							0					
1969	07/23/69	195	6							0					
1970	06/12/70	350	6							0					
1971	04/26/71	498	6							0					
1972	06/09/72	5000	6							0					
1973	07/08/73	282	6							0					
1974	08/22/74	1040	6							0					
1975	06/07/75	1500	6							0					
1976	06/14/76	1400	6							0					
1977	04/18/77	209	6							0					
1978	05/29/78	602	6							0					
1979	08/07/79	451	6							0					
1980	06/15/80	265	6							0					
1981	07/25/81	409	6							0					
1982	07/25/82	2000	6							0					
1983	08/22/83	411	6							0					

TABLE 35.--- STATION 06421500, RAPID CR NEAR FARMINGDALE SD

STATION LOCATOR
LAT. LONG.
435631 1025112

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

602 SQ MI
SQ MI
2700.00 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1947	06/21/47	2640	6	8.40						0
1948	06/17/48	885	6	5.80						0
1949	03/21/49	500	6	6.97	1					0
1950	04/16/50	285	6	4.00	2		4.93	02/08/50	1	0
1951	06/23/51	161	6	3.62	2		4.74	03/15/51	1	0
1952	05/24/52	1770	6	8.19						0
1953	08/02/53	1790	6	8.35						0
1954	08/11/54	204	6	3.89						0
1955	08/11/55	461	6	4.92						0
1956	07/04/56	449	6	4.88						0
1957	05/25/57	1900	6	9.39						0
1958	07/19/58	939	6	7.01						0
1960	03/22/60	439	6	5.08						0
1961	07/01/61	516	6	5.40						0
1962	05/21/62	2030	6	9.77						0
1963	06/16/63	599	6	6.36						0
1964	06/14/64	381	6	5.40						0
1965	06/01/65	1130	6	8.07						0
1966	07/27/66	372	6	5.49	2		7.57	03/13/66	1	0
1967	06/15/67	1830	6	10.33						0
1968	06/09/68	406	6	6.73						0
1969	03/18/69	501	6	7.28	2		10.67	12/06/68	1	0
1970	04/25/70	1010	6	8.75						0
1971	04/27/71	511	6	7.25						0
1972	06/10/72	7320	6	11.85						0
1973	04/20/73	272	6	7.89	2		8.49	03/04/73	1	0
1974	04/12/74	151	6	6.93	2		8.48	08/23/74	1	0
1975	06/08/75	881	6	9.41						0
1976	06/16/76	1370	6	9.59						0
1977	04/08/77	613	6	8.09						0
1978	05/24/78	574	6	7.97						0
1979	07/04/79	444	6	7.53	2		9.28	03/08/79	1	0
1980	06/16/80	937	6	8.73						0
1981	07/02/81	468	6	5.85						0
1982	05/20/82	1050	6	9.17						0
1983	10/10/82	1030	6	9.17						0

TABLE 36.-- STATION 06422500, BOXELDER CR NEAR NEMO SD

STATION LOCATOR											DRAINAGE AREA:				96 SQ MI					
LAT. LONG.											CONTRIBUTING									
440838 1032716											DRAINAGE AREA:				SQ MI					
											GAGE DATUM:				4320.27 (NGVD)					
											BASE DISCHARGE:				1.00 CFS					
NOTE: BLANKS INDICATE NO INFORMATION																				
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS										
1911	/ /11			16.00						0										
1946	05/02/46	1180								0										
1947	05/23/47	372								0										
1966	07/28/66	30								0										
1967	06/12/67	950								2										
	05/08/67	112		5.41																
	06/15/67	816		7.61																
1968	06/09/68	62								0										
1969	05/04/69	144								1										
	07/18/69	136		5.54						4										
1970	06/12/70	648																		
	04/27/70	132		5.51																
	05/11/70	394		6.58																
	05/31/70	149		5.62																
	08/05/70	306		6.28						0										
1971	04/25/71	221								2										
1972	06/09/72	30100		20.40																
	06/19/72	458		6.78																
	07/02/72	146		5.64																
1973	04/20/73	117		2.67	2		2.72	05/28/73		1										
	05/28/73	108		2.72																
1974	04/19/74	23		1.86	2		2.48	01/12/74	1	0										
1975	07/30/75	427		4.55						2										
	05/09/75	102		2.78																
	06/19/75	110		2.74																
1976	06/15/76	1460		6.19						1										
	07/22/76	150																		
1977	04/17/77	170		3.02						2										
	04/10/77	125		2.76																
	04/24/77	158		2.98																
1978	05/11/78	301		3.65						4										
	05/01/78	109		2.73																
	05/06/78	142		2.94																
	05/18/78	260		3.51																
	08/23/78	113		2.96																
1979	07/04/79	97		2.78	2		3.23	01/09/79	1	0										
1980	03/13/80	35		2.11	2		2.13	02/29/80	1	0										
1981	05/18/81	26		2.06						0										
1982	05/20/82	272		3.65						1										
	05/23/82	153		3.12																
1983	05/07/83	178		3.33	2		3.98	02/20/83	1	1										
	04/25/83	103		2.82																

TABLE 37.-- STATION 06423500, CHEYENNE R NEAR WASTA SD

NOTE: BLANKS INDICATE NO INFORMATION									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING		GAGE DATUM: BASE DISCHARGE:		NUMBER OF PARTIAL PEAKS
					SQ MI	SQ MI	2260.78 (NGVD)	3300 CFS	
1915	06/13/15	34200	7		14.50				0
1920	05/ /20				18.00				0
1929	06/02/29	16800			10.00				0
1930	04/17/30	5000				7.50	02/21/30	1	0
1931	10/06/30	2560			6.20				0
1932	05/06/32	46300			13.28				0
1934	07/27/34	5300			7.50				0
1935	06/01/35	43000			12.60				0
1936	03/04/36	1680			7.28	1			0
1937	07/14/37	20000	2		10.20				0
1938	09/07/38	9500			8.70				0
1939	05/25/39	10700			8.90				0
1940	04/28/40	3720				7.55	02/29/40	1	0
1941	06/10/41	18200			10.00				5
	04/14/41	7630			8.41				
	04/16/41	4780			7.50				
	06/12/41	8550			8.62				
	07/03/41	4200			7.23				
	07/14/41	11400			8.65				
1942	05/12/42	44000			12.80				8
	10/26/41	5300			7.72				
	04/25/42	6420			7.93				
	05/01/42	20200			10.23				
	05/04/42	11700			9.07				
	05/07/42	12900			9.23				
	05/18/42	10800			8.61				
	06/02/42	7000			8.11				
	06/06/42	14200			9.44				
1943	06/16/43	11000			8.50	2	03/26/43	1	3
	05/30/43	5480			5.41				
	06/07/43	6360			5.43				
	06/10/43	8870			8.06				
1944	06/12/44	24300			10.50				3
	03/27/44	3850			4.85				
	05/25/44	4230			6.78				
	07/12/44	8640			8.00				
1945	03/25/45	5830			7.30				1
	08/04/45	4380			6.87				
1946	05/02/46	26100			10.71				2
	05/24/46	14700			9.14				
	06/18/46	16000			9.34				
1947	06/22/47	40100			12.25				3

TABLE 37.--- STATION 06423500, CHEYENNE R NEAR WASTA SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		12800		SQ MI	
LAT. LONG.		CONTRIBUTING					
440452 1022403		DRAINAGE AREA:		2260.78		SQ MI	
		GAGE DATUM:		3300		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION							
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE
	8180		7.92				
	3660		6.59				
1948	11100		8.49				
	6920		7.48				
	4500		6.90				4
	5490		7.20				
	5830		7.28				
1949	5000		7.03				
	8600		8.60	2	10.91	03/05/49	1
	3310		6.23				
1950	4860		6.94				
	6760	6	7.55				0
1951	5740	6	7.24				2
	4340	6	6.73				
1952	3420	6	6.36				
	24700	6	10.54				3
	4200	6	8.00	1			
1953	4550	6	6.83				
	9580	6	8.22				
	9480	6	8.00				3
1954	4010	6	6.78	1			
	6050	6	7.12				
	6310	6	7.10				
1955	2410	6	5.66				0
	24300	6	11.45				2
1956	4040	6	6.52				
	6010	6	7.40				2
	5000	6	11.55	1			
1957	3740	6	6.34				
	3320	6	6.17				6
	26900	6	12.42				
1958	4040	6	6.52				
	21200	6	11.50				
	10600	6	8.36				
1959	3460	6	6.14				
	3580	6	6.20				
	5020	6	6.85				2
1960	7760	6	7.84				
	6800	6	7.56				
	4570	6	6.64				0
1960	8710	6	8.38				0
	3400	6	6.47	2	6.83	03/19/60	1

TABLE 37.-- STATION 06423500, CHEYENNE R NEAR WASTA SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
STATION LOCATOR LAT. LONG. 440452 1022403										
DRAINAGE AREA: 12800 SQ MI CONTRIBUTING DRAINAGE AREA: SQ MI GAGE DATUM: 2260.78 (NGVD) BASE DISCHARGE: 3300 CFS										
1961	06/11/61	2600	6	5.80						0
1962	06/17/62	25400	6	12.61						8
	05/17/62	3460	6	6.95						
	05/22/62	20300	6	11.55						
	05/26/62	3420	6	6.92						
	05/30/62	10100	6	9.35						
	06/21/62	15100	6	9.82						
	06/24/62	5590	6	6.96						
	07/01/62	3940	6	6.40						
	07/14/62	10200	6	8.54						
1963	06/16/63	18100	6	10.50						2
	05/31/63	5090	6	6.95						
	06/07/63	11000	6	8.79						
1964	06/18/64	24200	6	11.65						4
	05/03/64	3750	6	6.20						
	06/09/64	14700	6	9.59						
	06/14/64	4010	6	6.23						
	06/23/64	6520	6	7.37						
1965	05/15/65	25800	6	11.98	2		12.78	05/25/65		6
	11/01/64	3540	6	5.97						
	05/09/65	5610	6	7.01						
	05/25/65	25700	6	12.78						
	06/02/65	8700	6	8.41						
	06/21/65	7880	6	8.14						
	06/25/65	4330	6	6.41						
1966	08/20/66	9760	6	8.74	2		10.06	03/11/66	1	0
1967	06/16/67	23200	6	12.20						3
	04/14/67	3860	6	6.13						
	06/12/67	16300	6	10.52						
	06/26/67	15000	6	10.19						
1968	06/07/68	10400	6	8.49						3
	06/09/68	6350	6	7.08						
	06/13/68	3980	6	5.75						
	06/25/68	6470	6	7.59						
1969	07/24/69	12500	6	9.07						2
	07/17/69	10300	6	8.62						
	07/22/69	8140	6	7.73						
1970	04/25/70	10900	6	8.57						3
	04/17/70	3910	6	5.99						
	04/22/70	3940	6	5.73						
	04/27/70	6350	6	7.16						
1971	05/27/71	15600	6	10.37						0

TABLE 37.--- STATION 06423500, CHEYENNE R NEAR WASTA SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		12800	SQ MI
LAT.	LONG.	CONTRIBUTING			
440452 1022403		DRAINAGE AREA:		SQ MI	
		GAGE DATUM:		2260.78	(NGVD)
		BASE DISCHARGE:		3300	CFS
NOTE: BLANKS INDICATE NO INFORMATION					
WATER	PEAK	DISCHARGE	GAGE	HIGHEST	MAX GAGE
YEAR	DISCHARGE	CODES	HEIGHT	SINCE	HEIGHT
	(CFS)		(FT)		(FT)
			CODES		
1972	06/11/72	6	9.19		0
1973	04/20/73	6	6.98		0
1974	04/12/74	6		4.81	01/14/74 1
1975	06/19/75	6	5.99	2	03/17/75 1
1976	06/15/76	6	7.81		0
1977	08/09/77	6	7.87		0
1978	05/22/78	6	12.12		0
1979	06/17/79	6	9.94		0
1980	08/16/80	6	6.21		0
1981	07/13/81	6	5.62	2	02/22/81 1
1982	07/02/82	6	12.35	2	03/05/82 1
1983	10/10/82	6	8.88		0

TABLE 38.-- STATION 06425500, ELK CR NEAR ELM SPRINGS SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		540	SQ MI			
LAT.	LONG.	CONTRIBUTING						
441454 1023010		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		2304.49	(NGVD)			
		BASE DISCHARGE:		400	CFS			
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	07/17/69	2300		9.06				2
	03/18/69	785		7.42				
	04/30/69	507		6.97				0
1970	04/26/70	2920		9.55				3
	05/23/71	3510		10.42				
1971	02/15/71	972		7.48				
	03/15/71	2730		9.40				
	06/25/71	737		7.34				
1972	06/11/72	1880		8.70				1
	06/21/72	738		7.12				
1973	04/22/73	1440		8.56				2
	06/02/73	694		7.28				
1974	07/25/73	767		7.39				
	04/09/74	54				01/27/74	1	0
1975	04/27/75	1210		8.16				2
1976	04/10/75	500						
	07/06/75	830		7.39				0
1977	06/17/76	2230		9.55				1
	06/14/77	2270		9.40				
1978	04/10/77	1550		8.81				1
	03/18/78	2830		9.75				
	05/09/78	624		7.24				
1979	03/17/79	92		5.40				0
1980	06/15/80	437		6.83				0
1981	08/13/81	124		5.72				0
1982	05/21/82	5300		12.33				4
	05/15/82	2010		9.58				
	05/28/82	5190		12.25				
	07/25/82	402		6.84				
	08/23/82	1130		8.28				
1983	10/10/82	1940		9.38				1
	05/13/83	707		7.53				

TABLE 39.--STATION 06428500, BELLE FOURCHE R AT WY-SD STATE LINE

STATION LOCATOR		DRAINAGE AREA:		3280		SQ MI				
LAT. LONG.		CONTRIBUTING								
444459 1040249		DRAINAGE AREA:		3095.70		SQ MI (NGVD)				
		GAGE DATUM:		1000		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1947	06/23/47	3620		12.51	2		14.33	03/22/47	1	3
	03/23/47	2230		9.89						
	04/02/47	1520		8.27						
	06/18/47	1210		7.46						
1948	06/18/48	2280		9.98	2		12.36	03/20/48	1	1
	07/11/48	1320		7.85						
1949	03/25/49	2180		9.83	2		11.00	03/20/49	1	5
	03/20/49	2000		9.40						
	03/26/49	2000		9.36						
	03/29/49	1030		7.23						
	04/08/49	1140		7.49						
	06/05/49	1030		7.01						
1950	05/10/50	2000		9.51						3
	04/07/50	1440		8.10						
	04/13/50	1820		9.20						
	05/12/50	1610		8.56						
1951	09/06/51	1480		8.47						0
1952	03/31/52	2030	6	9.69	1					0
1953	08/05/53	3170	6	12.68						0
1954	04/06/54	389	6	5.19						0
1955	04/12/55	1490	6	8.71						0
1956	03/24/56	509	6							0
1957	03/01/57	1350	6	8.45	1			03/09/56	1	0
1958	04/27/58	728	6	6.52						0
1959	03/23/59	927	6	7.15						0
1960	03/23/60	1660	6	9.64						0
1961	07/05/61	140	6	3.75						0
1962	06/18/62	4400	6	15.59						0
1963	04/28/63	985	6	7.75	2		8.15	02/05/63	1	0
1964	06/24/64	2410	6	11.48						0
1965	04/02/65	2270	6	11.11						0
1966	07/22/66	1470	6	9.16						0
1967	06/08/67	1650	6	9.62	2		10.43	03/13/67	1	0
1968	03/08/68	700	6				7.29	03/06/68	1	0
1969	05/02/69	1490	6	9.30						0
1970	05/14/70	1810	6	10.07						0
1971	06/04/71	2400	6	11.32						0
1972	06/19/72	2330	6	11.22						0
1973	06/19/73	1440	6	9.09						0
1974	03/05/74	873	6				8.06	01/20/74	1	0
1975	05/11/75	1480	6	9.31						0
1976	06/17/76	2910	6	12.76						0

TABLE 39.---STATION 06428500, BELLE FOURCHE R AT WY-SD STATE LINE---CONTINUED

STATION LOCATOR		DRAINAGE AREA:		3280	SQ MI			
LAT.	LONG.	CONTRIBUTING						
444459	1040249	DRAINAGE AREA:	SQ MI					
		GAGE DATUM:	3095.70	(NGVD)				
		BASE DISCHARGE:	1000	CFS				
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1977	04/10/77	980	6	7.88				0
1978	05/20/78	2100	6	11.24				0
1979	06/20/79	376	6	5.48		03/17/79	1	0
1980	08/20/80	431	6	5.78	2	02/29/80	1	0
1981	07/25/81	3180	6	12.90				0
1982	05/20/82	3750	6	14.17				0
1983	10/10/82	1100	6	8.20				0

TABLE 40.--STATION 06430500, REDWATER CR AT WY-SD STATE LINE

NOTE: BLANKS INDICATE NO INFORMATION																		
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS								
1929	05/26/29	515	5							0								
1930	06/09/30	162	5							0								
1931	07/13/31	68	5							0								
1936	07/13/36	650	5							0								
1937	07/17/37	2000	5							0								
1955	06/11/55	194	5	3.87	2					0								
1956	07/07/56	123	5	3.70	2	02/02/56	3.72	1		0								
1957	08/21/57	108	5	4.01	2	01/31/57	4.58	1		0								
1958	07/19/58	186	5	3.85						0								
1959	06/25/59	37	5	2.73	2	12/09/58	3.36	1		0								
1960	03/22/60	273	5	4.18						0								
1961	01/16/61	28	1	2.75	2	01/26/61	4.33	1		0								
1962	06/16/62	2340	5	11.95						4								
	05/23/62	419	5	5.10														
	05/26/62	324	5	4.60														
	06/20/62	596	5	6.03														
	07/12/62	280	5	4.36														
1963	04/29/63	267	5	4.30						0								
1964	06/23/64	798	5	7.04						3								
	06/09/64	580	5	5.88														
	06/14/64	370	5	4.70														
	06/23/64	798	5	7.04														
1965	05/15/65	1230	5	8.83						1								
	05/25/65	360	5	4.79														
1966	07/28/66	217	5	3.96	2	03/04/66	4.11	1		0								
1967	05/10/67	124	5	3.40	2	05/01/67	4.23	1		0								
1968	07/26/68	94	5	3.05	2	01/07/68	3.91	1		0								
1969	05/04/69	300	5	4.46						2								
	03/16/69	183	5	3.64														
	06/27/69	167	5	3.56														
1970	06/12/70	948	5	7.61						6								
	05/08/70	198	5	3.75														
	05/12/70	195	5	3.73														
	05/18/70	178	5	3.63														
	05/23/70	151	5	3.45														
	06/01/70	262	5	4.11														
	08/06/70	393	5	4.82														
1971	02/13/71	391	5	4.80						3								
	03/27/71	164	5	3.51														
	05/11/71	202	5	3.75														
	05/23/71	282	5	4.20														
1972	06/20/72	251	5	4.07						1								

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 40.--STATION 06430500, REDWATER CR AT WY-SD STATE LINE--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		471	SQ MI					
LAT. LONG.		CONTRIBUTING								
443426 1040254		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		3410.00 (NGVD)						
		BASE DISCHARGE:		150 CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1973	06/13/72	172	5	3.60						2
	08/22/73	2440	5	12.19						
	05/09/73	168	5	3.55						
1974	06/03/73	269	5	4.19						0
	07/02/74	226	5	3.96						0
	05/07/75	127	5	3.36						2
1976	06/15/76	1500	5	9.56						
	05/30/76	164	5	3.58						
	07/13/76	542	5	5.68						0
1977	08/15/77	172	5	3.56						3
1978	05/11/78	360	5	4.80						
	03/19/78	260	5	4.14						
	04/29/78	186	5	3.72						
1979	05/20/78	188	5	3.80						
	03/07/79	93	5	3.04	2		3.85	01/06/79	1	0
	06/14/80	738	5	6.65						0
1980	06/14/80	738	5	6.65						0
1981	07/16/81	72	5	3.00						1
1982	05/16/82	646	5	6.36						
	05/21/82	522	5	5.75						0
	05/07/83	168	5	3.83						

TABLE 41.-- STATION 06431500, SPEARFISH CR AT SPEARFISH SD

STATION LOCATOR										DRAINAGE AREA:		168		SQ MI	
LAT. LONG.										CONTRIBUTING					
442857 1035140										DRAINAGE AREA:		3640.00		SQ MI	
										GAGE DATUM:		3640.00		(NGVD)	
										BASE DISCHARGE:		150		CFS	
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS					
1904	06/05/04	5000	7							0					
1947	06/22/47	891		6.73						0					
1948	06/24/48	417		5.89						1					
	06/14/48	336		5.70											
1949	05/06/49	176		5.32	2		5.70	02/13/49	1	0					
1950	05/22/50	116		5.09	2		6.67	01/05/50	1	0					
1951	06/17/51	215		5.37	2		6.61	02/01/51	1	0					
1952	05/22/52	947		6.81	2		7.29	01/24/52	1	0					
1953	06/19/53	301		5.56						2					
	05/09/53	194		5.26											
	05/28/53	252		5.40											
1954	05/30/54	147		5.15	2		6.39	01/17/54	1	0					
1955	06/11/55	181		5.20	2		5.54	02/24/55	1	0					
1956	07/16/56	300		5.61	2		5.86	02/02/56	1	0					
1957	07/14/57	158		5.22	2		6.94	01/25/57	1	0					
1958	07/03/58	571		6.23						0					
1959	05/04/59	83		4.95	2		7.27	01/06/59	1	0					
1960	05/10/60	86		5.02	2		5.92	11/14/59	1	0					
1961	11/15/60	100		5.07	2		5.15	01/28/61	1	0					
1962	05/22/62	830		6.64	2		7.13	01/23/62	1	1					
	06/15/62	216		5.73											
1963	04/29/63	662		6.47	2		7.40	01/14/63	1	1					
	06/16/63	344		5.99											
1964	06/09/64	3040		7.97						0					
1965	05/15/65	4240		10.53						0					
1966	04/17/66	112		6.47	2		6.56	03/04/66	1	0					
1967	06/16/67	230		7.02						0					
1968	06/25/68	106		6.60	2		7.13	01/03/68	1	0					
1969	05/15/69	466		7.71	2		8.29	01/24/69	1	0					
1970	06/12/70	884		8.21						0					
1971	05/10/71	234		6.85						0					
1972	05/13/72	163		6.74	2		7.35	01/27/72	1	0					
1973	05/31/73	287		7.09						0					
1974	01/01/74	175		7.29						0					
1975	05/07/75	143	1							0					
1976	06/15/76	3870		10.54						0					
1977	05/02/77	167		5.65						0					
1978	05/11/78	230		5.92						0					
1979	08/07/79	182		5.73						0					
1980	04/21/80	85		5.35	2		7.89	01/30/80	1	0					
1981	07/01/81	102		5.49						0					
1982	05/22/82	2110		8.81						0					
1983	05/08/83	500		7.66						0					

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 42.--- STATION 06433000, REDWATER RIVER ABOVE BELLE FOURCHE SD

STATION LOCATOR											
LAT. LONG.											
444002 1035020											
DRAINAGE AREA: CONTRIBUTING											
DRAINAGE AREA: SQ MI											
GAGE DATUM: 3000.00 (NGVD)											
BASE DISCHARGE: 500 CFS											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1946	05/31/46	2550		8.55						5	
	05/02/46	1300		6.30							
	05/24/46	1260		6.24							
	06/11/46	1640		7.35							
	06/18/46	1640		7.40							
	07/03/46	740		5.75							
1947	06/22/47	2800		8.98						1	
	03/17/47	834		6.13							
1948	07/11/48	672		5.73	2		7.06	02/13/48	1	0	
1949	03/04/49	985		6.29	2		7.11	02/24/49	1	1	
	03/21/49	587		5.49							
1950	04/06/50	340		4.83	2		6.21	02/02/50	1	0	
1951	06/14/51	269		4.63	2		5.61	01/31/51	1	0	
1952	05/23/52	1120		6.62						1	
	03/28/52	590		5.60							
1953	06/20/53	852		6.13						1	
	05/29/53	748		5.93							
1954	05/31/54	270		4.72	2		9.45	/ /54	1	0	
1955	06/11/55	483		5.35						0	
1956	12/23/55	480		8.35	1					0	
1957	06/25/57	453		5.28	2		6.69	02/08/57	1	0	
1958	06/15/58	608		5.61						1	
	07/04/58	516		5.44							
1959	03/01/59	246		4.56	2		5.84	01/04/59	1	0	
1960	03/21/60	516		5.50	2		5.77	03/04/60	1	0	
1961	07/27/61	178		4.28	2		5.62	01/26/61	1	0	
1962	06/16/62	16400		11.69						6	
	05/23/62	1470		7.08							
	05/25/62	1020		6.41							
	05/29/62	874		6.14							
	06/21/62	794		6.02							
	07/04/62	1040		6.46							
	07/12/62	888		6.16							
1963	04/30/63	1010		6.42	2		7.36	02/01/63	1	1	
	06/16/63	831		6.10							
1964	06/09/64	2690		8.41						1	
	06/23/64	1110		7.08							
1965	05/15/65	8480		10.53						1	
	05/25/65	1320		7.09							
1966	07/28/66	586		5.84	2		6.92	02/23/66	1	0	
1967	06/16/67	654		6.02						0	
1968	06/25/68	310		5.16	2		10.14	01/16/68	1	0	

TABLE 42.-- STATION 06433000, REDWATER RIVER ABOVE BELLE FOURCHE SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	05/16/69	1380		7.13	2		7.66	01/06/69	1	2
	03/16/69	695		6.11						
1970	05/05/69	1150		6.85						
	06/13/70	1870		7.68						3
	05/08/70	801		6.39						
	05/14/70	976		6.61						
	05/30/70	694		6.06						
1971	05/23/71	890		5.75	2		8.40	02/11/71	1	0
1972	06/18/72	1200		5.89	2		7.34	02/16/72	1	0
1973	04/20/73	1070		4.77						4
	05/09/73	798		4.43						
	05/29/73	882		4.54						
	06/01/73	922		4.59						
	08/23/73	820		4.43						
1974	12/31/73	375					7.03	01/08/74	1	0
1975	05/06/75	560		4.29	2		4.78	03/30/75	1	0
1976	06/15/76	6780		9.11	2		9.20	12/01/75	1	3
	06/06/76	632		4.42						
	07/13/76	740		4.56						
	07/21/76	686		4.41						
1977	05/02/77	364		3.76	2		9.63	12/30/76	1	0
1978	03/18/78	1090		5.07	2		6.64	03/04/78	1	4
	04/30/78	882		4.76						
	05/09/78	912		4.75						
	05/12/78	888		4.72						
	05/19/78	522		4.03						
1980	06/15/80	570		4.30	2		10.98	/ /80	1	0
1981	06/13/81	211		3.36						0
1982	05/20/82	6920		8.82						1
	05/16/82	3940		8.15						
1983	05/10/83	912		4.30						1
	10/10/82	620	2							

TABLE 43.-- STATION 06433500, HAY CR AT BELLE FOURCHE SD

STATION LOCATOR		DRAINAGE AREA:		121 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
444001 1035046		DRAINAGE AREA:		3005.18 (NGVD)				
		GAGE DATUM:		50 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HIGHEST SINCE GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1954	04/06/54	18		3.55				0
1955	04/09/55	29		3.77				0
1956	07/16/56	15		3.52	2	12/23/55	1	0
1957	06/25/57	132		4.46				2
	06/22/57	51		4.11				
	09/01/57	117		4.49				
1958	04/07/58	63		4.18				0
1959	02/15/59	2			4.43	01/22/59	1	0
1960	03/20/60	42		4.24				0
1961	07/05/61	9		3.87				0
1962	06/16/62	348		6.51				0
	05/22/62	97		5.15				5
	05/27/62	125		5.37				
	05/29/62	166		5.65				
	07/04/62	111		5.27				
	07/12/62	77		4.98				
1963	06/18/63	40		4.66				0
1964	06/22/64	422		7.12				1
	06/09/64	157		6.04				
1965	05/25/65	106		5.37				0
1966	07/29/66	45		5.25				0
1967	05/06/67	83		5.26				0
1968	06/24/68	48		5.04				0
1969	04/30/69	12		4.15	2	03/18/69	1	0
1970	05/15/70	67		5.24				0
1971	02/14/71	200		7.37	1			0
1972	06/19/72	930		9.15				0
1973	04/21/73	99		5.63				2
	10/03/72	60		5.11				
	04/19/73	98		5.62				
1974	04/15/74	80		5.43				0
1975	04/08/75	23		4.49				0
1976	06/15/76	654		8.24				1
	06/18/76	236		6.67				
1977	04/07/77	26		4.69				0
1978	03/12/78	243		6.97	1			2
	03/19/78	159		6.35				
	05/08/78	94		5.70				
1979	06/16/79	34			5.80	03/10/79	1	0
1980	09/12/80	75		5.53				0
1981	07/25/81	168		6.63				2
	06/12/81	88		5.62				

TABLE 43.-- STATION 06433500, HAY CR AT BELLE FOURCHE SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		121	SQ MI			
LAT.	LONG.	CONTRIBUTING						
444001	1035046	DRAINAGE AREA:		SQ MI				
		GAGE DATUM:	3005.18	(NGVD)				
		BASE DISCHARGE:	50	CFS				
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	09/06/81	51		5.07				
1982	05/20/82	926		8.93				1
	05/16/82	313		6.78				
1983	10/09/82	156		6.18				1
	04/16/83	82		5.49				

TABLE 44.-- STATION 06435500, BELLE FOURCHE R NEAR BELLE FOURCHE SD

STATION LOCATOR
LAT. LONG.
444130 1034930

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

4310 SQ MI
3000.00 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1924	04/09/24	22400								0
1927	05/13/27	8250								0
1928	03/12/28	9660								0
1929	04/08/29	15000								0
1930	06/09/30	2060								0
1931	06/11/31	848								0
1932	04/24/32	6310								0
1933	05/25/33	5090								0
1934	06/10/34	596								0
1935	06/02/35	1090								0
1936	03/05/36	1440								0
1937	07/17/37	5350								0
1938	06/28/38	590								0
1939	03/23/39	1070								0
1940	06/04/40	2700								0
1941	06/10/41	8960								0
1942	05/14/42	3740								0
1943	05/28/43	5520								0

TABLE 45.-- STATION 06436000, BELLE FOURCHE R NEAR FRUITDALE SD

STATION LOCATOR		DRAINAGE AREA:		4540		SQ MI	
LAT. LONG.		CONTRIBUTING				SQ MI	
444127 1034414		DRAINAGE AREA:		2925.00		(NGVD)	
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)
1946	06/01/46	5710					
1947	06/23/47	7460					
1948	06/18/48	2720					
1949	03/25/49	2280					9.74
1950	05/10/50	1530					6.78
1951	09/07/51	1680					
1952	03/31/52	2280		5.66			
1953	08/06/53	4070	6	6.10			
1954	11/26/53	110	6	7.83			
1955	04/12/55	597	6	3.50			
1956	12/23/55	320	6	4.44			
1957	09/01/57	144	6	4.36	1		
1958	06/16/58	183	6	3.92			
1959	10/20/58	13	6	3.93			
1960	03/24/60	2530	6				6.38
1961	09/21/61	7	6	3.64		03/23/60	1
1962	06/16/62	7840	6	11.25			
1963	04/30/63	1580	6	5.72			
1964	06/09/64	3030	6	7.30			
1965	05/15/65	8100	6	10.53			
1966	03/17/66	1560	6	5.65	2		5.70
1967	06/17/67	1560	6	5.66		03/14/66	1
1968	05/14/68	40	6	3.72			
1969	05/04/69	2350	6	7.00			
1970	05/15/70	3570	6	7.57			
1971	04/22/71	2770	6	7.19	2		7.70
1972	06/19/72	6270	6	9.42		02/14/71	1
1973	04/21/73	3110	6	7.23			
1974	04/14/74	1210	6	5.11			
1975	05/12/75	2190	6	6.39			
1976	06/15/76	12200	6	13.18			
1977	04/10/77	74	6	2.83			
1978	05/08/78	3780	6	9.03			
1979	05/10/79	248	6	3.66			
1980	06/15/80	634	6	4.75			
1981	07/26/81	1460	6	6.40			
1982	05/20/82	12700	6	14.32			
1983	10/10/82	978	6	6.18			

TABLE 46.-- STATION 06436800, HORSE CR NEAR VALE SD

STATION LOCATOR		DRAINAGE AREA:		530	SQ MI			
LAT.	LONG.	CONTRIBUTING						
443930	1032017	DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		2688.96	(NGVD)			
		BASE DISCHARGE:		400	CFS			
BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1962	05/24/62	2280	5	10.65				3
	05/28/62	2160	5	10.44				
	06/17/62	1670	5	9.52				
	06/25/62	865	5	7.77				
1963	06/08/63	1410	5	8.99				1
	04/30/63	407	5	6.05				
1964	06/10/64	1640	5	9.37				2
	06/24/64	1460	5	9.05				
	07/03/64	848	5	7.62				
1965	05/26/65	2380	5	10.84				2
	05/12/65	440	5	6.13				
	05/15/65	490	5	6.34				
1966	08/12/66	298	5	5.60	2	03/24/66	1	0
1967	06/08/67	2110	5	10.33				2
	05/09/67	1740	5	9.59				
	06/15/67	1440	5	8.99				
1968	07/29/68	250	5	5.27				0
1969	05/05/69	590	5	6.85				0
1970	05/15/70	691	5	7.06				1
	04/25/70	575	5	6.75				
1971	03/14/71	1150	5			03/14/71	1	7
	03/30/71	407	5	6.10				
	06/03/71	561	5	6.66				
	06/08/71	476	5	6.32				
	06/12/71	621	5	6.86				
	06/18/71	410	5	6.15				
	06/31/71	455	5	6.36				
	09/07/71	1050	5	8.15				
1972	10/04/71	2160	5	10.36				6
	02/29/72	1000	5					
	03/02/72	850	5					
	03/10/72	800	5					
	03/13/72	650	5					
	05/13/72	694	5	7.05				
	05/28/72	848	5	7.07				
1973	07/24/73	270	5	5.38				0
1974	07/30/74	250	5	5.33	2	01/18/74	1	0
1975	05/08/75	1420	5	8.96				3
	04/10/75	500	5	7.62				
	05/11/75	510	5	6.58				
	06/29/75	827	5	7.64				
1976	06/16/76	11600	5	14.61				2

TABLE 46.-- STATION 06436800, HORSE CR NEAR VALE SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		530	SQ MI					
LAT.	LONG.	CONTRIBUTING								
443930 1032017		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		2688.96	(NGVD)					
		BASE DISCHARGE:		400	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	06/18/76	3860	5	12.11						
	07/13/76	621	5	7.00						0
1977	04/09/77	1030	5	8.02						
1978	03/22/78	3540	5	11.97						6
	10/10/77	496	5	6.39						
	05/06/78	1430	5	8.98						
	05/09/78	1920	5	10.00						
	05/21/78	572	5	6.80						
	07/08/78	2000	5	10.15						
	07/24/78	523	5	6.82						
1979	07/16/79	1750	5	9.54						0
1980	06/01/80	242	5	5.45						0

TABLE 47.--- STATION 06437000, BELLE FOURCHE R NEAR STURGIS SD

STATION LOCATOR
LAT. LONG.
443047 1030811

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

5870 SQ MI
2526.13 (NGVD)
1500 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	05/24/46	17900		13.86						0
1947	06/23/47	14400		12.53						7
	10/06/46	2730		6.67						
	10/09/46	2730		6.73						
	02/19/47	3000	2							
	03/18/47	5530		8.23						
	03/21/47	7830		9.46						
	03/31/47	2130		5.91						
	04/05/47	3770		7.13						
1948	03/22/48	4220		7.77	2		9.46	03/21/48	1	2
	06/19/48	4060		7.61						
	06/22/48	2520		6.53						
1949	03/23/49	5500	2							
	03/06/49	3500	2	12.30	1		12.30	03/06/49	1	1
1950	04/08/50	5170		8.27	2		10.35	04/05/50	1	2
	04/15/50	4820		8.12						
	05/11/50	2330		6.53						
1951	06/20/51	1330		5.70			11.97	03/28/52	1	0
1952	03/30/52	6300		8.92	2					1
	05/23/52	1850		6.20						
1953	06/16/53	6640		9.10						4
	05/29/53	4620		7.98						
	06/20/53	6390		8.97						
	08/04/53	3350		7.22						
	08/06/53	4120		7.69						
1954	05/23/54	3160		7.08						2
	06/06/54	2370		6.55						
	06/21/54	1610		5.89						
1955	07/24/55	848		5.24	2		5.73	03/10/55	1	0
1956	07/04/56	2580		6.72						0
1957	05/21/57	1230		5.62	2		6.25	02/13/57	1	0
1958	06/08/58	1950		6.35						1
	06/16/58	1850		6.26						
1959	07/16/59	1380		5.83	2		6.15	03/04/59	1	0
1960	03/22/60	2800		7.20	1					0
1961	06/29/61	2720		6.81						0
1962	06/16/62	11900		14.32						8
	05/19/62	2910		7.88						
	05/22/62	7760		11.57						
	05/26/62	5700		10.10						
	05/30/62	7280		11.23						
	06/19/62	4420		9.14						

TABLE 47.-- STATION 06437000, BELLE FOURCHE R NEAR STURGIS SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	5870 SQ MI	SQ MI	DATE	GAGE-- HEIGHT CODES	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.	2526.13 (NGVD) 1500 CFS						
1963	06/25/62	3000	6									
	07/04/62	3040	6									
	07/15/62	3110	6									
	06/16/63	4000	6									3
1964	04/30/63	2400	6									
	06/08/63	2000	6									
	06/23/63	1970	6									
	06/09/64	10100	6									3
1965	06/13/64	2320	6									
	06/25/64	3920	6									
	07/03/64	4300	6									
	05/25/65	14400	6									3
1966	05/11/65	3450	6									
	05/15/65	10600	6									
	06/02/65	1750	6									
	03/17/66	2900	6									0
1967	06/14/67	6540	6									
	05/08/67	5940	6									2
	06/10/67	2700	6									
	06/10/68	727	6									
1968	05/05/69	3310	6									0
	05/15/70	4600	6									
	04/24/70	2420	6									
	05/12/70	1950	6									
1969	06/02/70	2040	6									
	06/14/70	3320	6									
	05/24/71	5160	6									
	06/10/72	7060	6									
1970	04/21/73	4140	6									
	04/14/74	1100	6									
	05/07/75	5640	6									
	06/15/76	19100	6									
1971	04/09/77	2680	6									
	03/21/78	7460	6									
	08/04/79	2740	6									
	06/14/80	2820	6									
1972	06/13/81	4110	6									
	05/21/82	36400	6									
	10/10/82	6060	6									
1973												
1974												
1975												
1976												
1977												
1978												
1979												
1980												
1981												
1982												
1983												

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 48.-- STATION 06437500, BEAR BUTTE CR NEAR STURGIS SD

STATION LOCATOR		DRAINAGE AREA:		192 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
442853	1031631	DRAINAGE AREA:		2779.91 (NGVD)				
		GAGE DATUM:		200 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	05/24/46	9800						0
1947	06/22/47	1310						0
1948	06/23/48	263						0
1949	05/28/49	636						0
1950	04/15/50	249						0
1951	05/13/51	352						0
1952	05/23/52	701						0
1953	06/20/53	560						0
1954	06/07/54	215						0
1955	04/11/55	88						0
1956	05/29/56	20						0
1957	05/25/57	645						0
1958	07/05/58	29						0
1959	07/16/59	106						0
1960	03/19/60	204						0
1961	/ / 61	0						0
1962	06/16/62	12700				1909		4
	05/22/62	807						
	05/26/62	483						
	05/30/62	338						
	07/14/62	445						
1963	04/30/63	549					6.70	1
	06/16/63	494					7.35	
1964	06/09/64	2480					6.98	1
	06/23/64	404					9.99	
1965	05/15/65	2660					6.82	2
	05/25/65	1070					9.85	
	06/18/65	401					9.25	
1966	08/12/66	434					6.93	0
1967	06/16/67	1230					7.63	1
	05/08/67	781					9.59	
1968	06/10/68	68					8.72	
1969	05/04/69	598				2	4.22	0
	04/30/69	329					4.24	1
1970	05/15/70	332					7.83	2
	04/25/70	220					6.37	
	06/12/70	200					7.02	
1971	05/23/71	1550					6.41	5
	02/12/71	450					6.06	
	04/23/71	200					9.82	
	05/11/71	711					5.80	
	05/31/71	588					8.72	
							8.18	

TABLE 48.-- STATION 06437500, BEAR BUTTE CR NEAR STURGIS SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		192 SQ MI			
LAT.	LONG.	CONTRIBUTING		SQ MI			
442853 1031631		DRAINAGE AREA:		2779.91 (NGVD)			
		GAGE DATUM:		200 CFS			
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	NUMBER OF PARTIAL PEAKS
1972	06/02/71	700		8.65			2
	06/10/72	7220		11.32			
	06/20/72	477		7.68			
	06/25/72	236		6.18			

TABLE 49.--- STATION 06438000, BELLE FOURCHE R NEAR ELM SPRINGS SD

STATION LOCATOR DRAINAGE AREA: 7210 SQ MI
LAT. LONG. CONTRIBUTING
442211 1023356 DRAINAGE AREA: SQ MI
GAGE DATUM: 2171.60 (NGVD)
BASE DISCHARGE: 3500 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1927	05/ /27			21.80						0
1929	06/03/29	25500		11.30						0
1930	06/25/30	5480		5.26						0
1931	07/03/31	15100		8.40						0
1932	04/25/32	14400		7.90						0
1933	/ /33			20.00						0
1934	06/09/34	595		2.38						0
1935	06/01/35	24800		11.15						0
1936	07/26/36	4890						03/06/36	1	0
1937	07/13/37	29300		12.30						0
1938	06/24/38	6910		5.79						0
1939	03/21/39	1740		4.03	1					0
1940	06/05/40	5510		5.38						1
	04/29/40	3530		4.63						
1941	06/10/41	35700		14.30						3
	04/15/41	12900		8.50						
	06/02/41	15500		9.30						
1942	06/07/41	16200		9.54						
	05/18/42	14500		9.00						4
	05/01/42	7600		6.65						
	05/14/42	8340		6.87						
	06/06/42	7120		6.42						
	06/28/42	3670		4.87						
1943	06/14/43	21900		11.10						2
	03/29/43	7360		6.52						
	06/10/43	6180		5.96						
1944	06/18/44	22200		11.20	2			03/28/44	1	7
	04/06/44	19000		10.30						
	05/20/44	3670		4.93						
	06/05/44	8340		6.88						
	06/09/44	3880		4.96						
	06/13/44	12900		8.46						
	06/23/44	11400		7.75						
	07/09/44	5600		5.60						
1945	03/15/45	13300		8.97						3
	03/25/45	8000		6.95						
	06/10/45	8210		7.08						
	06/14/45	4710		5.63						
1946	05/24/46	25500		12.56						3
	05/02/46	12200		8.58						
	06/01/46	18500		10.68						
	06/19/46	22200		11.22						

TABLE 49.-- STATION 06438000, BELLE FOURCHE R NEAR ELM SPRINGS SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	7210 SQ MI	SQ MI	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1947	06/23/47	20400		442211 1023356								3
	10/07/46	3680										
	03/19/47	4840										
1948	04/05/47	6180								03/22/48	1	3
	03/22/48	8280										
	06/20/48	4700										
	06/23/48	3630										
1949	08/09/48	7760								03/23/49	1	3
	03/23/49	12800										
	03/07/49	6000										
	03/27/49	9350										
1950	04/07/49	4170								04/04/50	1	3
	04/15/50	7240										
	04/07/50	6980										
	05/09/50	3760										
1951	08/11/50	5580										0
	06/20/51	1930										
	04/01/52	14400										
	06/21/53	8740										
1953	05/03/53	3990										4
	05/29/53	5310										
	06/17/53	5900										
	08/07/53	4270										
1954	06/10/54	10500								03/19/56	1	1
	06/07/54	3700										
	07/09/55	3090										
	07/05/56	2600										
1955	05/25/57	6380										0
	06/15/58	5470										
	06/09/58	3790										
	07/16/59	693										
1956	03/23/60	3760								03/07/59	1	0
	06/30/61	2090										
	05/28/62	37900										
	05/19/62	11700										
1962	05/21/62	20200								03/21/60	1	6
	05/26/62	12700										
	06/15/62	27500										
	06/19/62	5260										
1963	06/25/62	3660										1
	06/16/63	6960										
	06/22/63	5930										

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 49.--- STATION 06438000, BELLE FOURCHE R NEAR ELM SPRINGS SD---CONTINUED

STATION LOCATOR		DRAINAGE AREA:		7210	SQ MI					
LAT.	LONG.	CONTRIBUTING								
442211 1023356		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:		2171.60 (NGVD)						
		BASE DISCHARGE:		3500 CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1964	06/08/64	45100	6	15.90						2
	06/25/64	4030	6	5.69						
	07/04/64	4450	6	5.92						
1965	05/25/65	28000	6	13.15						2
	05/11/65	5900	6	6.66						
	05/15/65	16100	6	10.70						
1966	03/17/66	3560	6	5.07	2		5.25	03/14/66	1	0
1967	06/15/67	11700	6	9.39						2
	05/08/67	11300	6	9.12						
	06/09/67	4190	6	5.78						
1968	06/25/68	1500	6	3.49						0
1969	05/05/69	3440	6	5.26	2		8.66	03/20/69	1	0
1970	05/15/70	5960	6	6.53	2		6.60	04/25/70		2
	04/25/70	5860	6	6.60						
	06/14/70	3620	6	5.29						
1971	05/23/71	10300	6	8.04						0
1972	06/11/72	9810	6	8.62						0
1973	04/21/73	5350	6	6.30						0
1974	04/15/74	1420	6							0
1975	05/08/75	9220	6	8.43			3.84	03/23/74	1	0
1976	06/16/76	31100	6	14.44						0
1977	04/09/77	6700	6	7.17						0
1978	03/20/78	18300	6	11.93						0
1979	06/22/79	998	6	2.65	2		4.75	03/15/79	1	0
1980	06/15/80	10200	6	7.98						0
1981	06/14/81	4900	6	6.59						0
1982	05/21/82	40300	6	18.22						0
1983	10/10/82	6800	1	6	8					0

TABLE 50.--- STATION 06438500, CHEYENNE R NEAR PLAINVIEW SD

STATION LOCATOR
LAT. LONG.
443116 1015934

DRAINAGE AREA:
CONTRIBUTING
21600 SQ MI

DRAINAGE AREA:
GAGE DATUM:
1877.65 (NGVD)

BASE DISCHARGE:
5300 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1920	05/ /20			17.50						0
1927	05/ /27			14.00						0
1951	06/20/51	4340	6	5.82						0
1952	03/30/52	41400	6	10.55	2		10.62	03/29/52	1	3
	05/23/52	18800	6	8.99						
	05/26/52	5470	6	6.33						
	06/04/52	8260	6	7.32						
1953	06/20/53	15700	6	8.97						6
	03/12/53	5930	6	6.52						
	05/01/53	7630	6	7.02						
	05/04/53	8940	6	7.38						
	05/30/53	5780	6	6.57						
	06/18/53	5710	6	6.68						
	08/05/53	6220	6	6.64						
1954	06/10/54	9710	6	7.68						0
1955	09/21/55	21000	6	9.53						1
	08/12/55	5840	6	6.38						
1956	05/29/56	4220	6	5.48	2		6.92	03/20/56	1	0
1957	05/26/57	41700	6	10.96						4
	05/21/57	19200	6	9.36						
	05/28/57	12500	6	8.61						
	06/12/57	5480	6	6.57						
1958	06/17/57	6000	6	6.85						2
	06/16/58	8530	6	7.81						
	06/09/58	5330	6	6.50						
	07/20/58	5920	6	6.80						
1959	05/06/59	7280	6	7.35						0
1960	03/22/60	6600	6	7.52	2		9.23	03/20/60	1	0
1961	07/27/61	5670	6	6.88						0
1962	05/22/62	38600	6	11.65						6
	05/20/62	9800	6	8.20						
	05/27/62	16300	6	9.61						
	05/29/62	36300	6	11.47						
	06/18/62	30400	6	10.90						
	06/26/62	6580	6	7.89						
	07/15/62	11800	6	8.92						
1963	06/16/63	18000	6	9.77						1
	06/07/63	9600	6	8.57						
1964	06/08/64	37400	6	11.61						3
	05/03/64	6730	6	8.00						
	06/19/64	17900	6	9.76						
	06/23/64	5330	6	7.31						

TABLE 50.-- STATION 06438500, CHEYENNE R NEAR PLAINVIEW SD--CONTINUED

STATION LOCATOR
LAT. LONG.
443116 1015934

DRAINAGE AREA:
CONTRIBUTING 21600 SQ MI

DRAINAGE AREA:
GAGE DATUM: 1877.65 (NGVD)
BASE DISCHARGE: 5300 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	DRAINAGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1965	05/26/65	37100	6	6	11.68						5
	05/10/65	5660	6	6	7.44						
	05/15/65	26600	6	6	10.49						
	06/02/65	7740	6	6	8.15						
	06/21/65	7550	6	6	7.95						
	07/19/65	10200	6	6	8.58						
1966	08/20/66	7130	6	6	7.91						1
	03/16/66	6300	6	6	7.50						
1967	06/16/67	38100	6	6	11.60						2
	05/08/67	17900	6	6	9.40						
	06/26/67	18300	6	6	9.40						
1968	06/07/68	7740	6	6	8.00						2
	06/10/68	5340	6	6	7.24						
	06/26/68	7180	6	6	7.83						
1969	07/20/69	9890	6	6	8.34	2		8.61	03/21/69	1	3
	07/18/69	8380	6	6	8.08						
	07/22/69	7140	6	6	7.65						
	07/24/69	9000	6	6	8.12						
1970	04/25/70	15500	6	6	9.05						0
1971	05/24/71	24000	6	6	10.21	2		11.05	02/15/71	1	0
1972	06/11/72	14600	6	6	9.44						0
1973	04/21/73	5730	6	6	7.51						0
1974	04/12/74	2440	6	6	5.73	2		7.90	02/20/74	1	0
1975	04/29/75	11900	6	6	8.41	2		10.09	03/18/75	1	0
1976	06/16/76	25900	6	6	10.45						0
1977	04/10/77	9690	6	6	7.97						0
1978	05/23/78	26200	6	6	10.48						0
1979	06/18/79	10600	6	6	8.05						0
1980	06/15/80	7940	6	6	7.65						0
1981	07/16/81	6390	6	6	7.30						0

TABLE 51.--- STATION 06439000, CHERRY CR NEAR PLAINVIEW SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING SQ MI	DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE: SQ MI (NGVD) 1000 CFS	GAGE- HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.									
1946	05/26/46	1180		44438	1020311	1190	2158.06	9.05				02/16/47	1	0
1947	06/25/47	2540						14.25						0
1948	06/05/48	1280						9.20						0
1949	03/27/49	2980						12.88						0
1950	04/08/50	2980						12.90						1
	04/17/50	2760						12.45						
1951	09/07/51	996						8.29						0
1952	04/01/52	17500						22.63						0
1953	06/16/53	5960						16.91						5
	03/22/53	2380						12.24						
	05/04/53	1030						8.96						
	06/01/53	1570						10.22						
	06/20/53	3880						14.58						
	08/07/53	1030						8.74						
1954	06/12/54	1800						10.89						0
1955	03/11/55	771						8.03						0
1956	03/18/56	940						9.53	1					0
1957	05/26/57	692						7.74						0
1958	06/09/58	900						8.39						0
1959	07/03/59	164						6.00						0
1960	03/24/60	1120						9.00						0
1961	/ /61	0												0
1962	05/22/62	6240						16.86						5
	05/05/62	1510						10.11						
	05/29/62	1800						10.71						
	06/02/62	2030						11.16						
	06/18/62	2920						12.66						
	06/28/62	1400						9.86						
1963	06/17/63	1030						9.00						0
1964	06/10/64	8120						18.93						0
1965	05/28/65	1620						10.35						0
1966	03/16/66	2550						13.08	1					0
1967	06/15/67	4180						14.81						2
	05/11/67	1690						10.51						
	06/13/67	2640						12.41						
1968	06/26/68	279						6.22						0
1969	03/24/69	1400								10.58		03/23/69	1	0
1970	04/26/70	1130												0
1971	05/31/71	4610						9.13						2
	03/14/71	3480						15.36						
	03/31/71	1890						13.79						
1972	02/28/72	1750						10.76						2
								11.77	1					

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 51.-- STATION 06439000, CHERRY CR NEAR PLAINVIEW SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1190 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
444438 1020311		DRAINAGE AREA:		2158.06 (NGVD)				
		GAGE DATUM:		1000 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	NUMBER OF PARTIAL PEAKS
	03/11/72	1650						
	05/14/72	1260		9.39				0
1973	05/30/73	212		5.75				0
1974	04/14/74	11		4.12				1
1975	04/29/75	5300		16.27				
	05/10/75	4080		14.82				0
1976	06/19/76	420		6.83				0
1977	04/12/77	495		7.12				1
1978	03/22/78	9210		19.60				
	05/28/78	1950		11.78				0
1979	06/21/79	621		7.77				0
1980	06/20/80	94		5.16				0
1981	07/01/81	728		8.15				0
1982	05/22/82	9120		19.30				2
	04/03/82	1680		10.92				
	06/10/82	1070		9.61				
1983	10/13/82	1120		9.79				0

TABLE 52.--- STATION 06439300, CHEYENNE R AT CHERRY CREEK SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	23900 SQ MI SQ MI 1699.29 (NGVD) 5500 CFS	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1961	07/28/61	3590	6				6.38						0
1962	05/23/62	36500	6				13.63						7
	05/20/62	7700	6				7.97						
	05/27/62	16300	6				10.04						
	05/30/62	36200	6				13.59						
	06/18/62	30800	6				12.69						
	06/26/62	7050	6				7.40						
	07/05/62	8220	6				7.76						
	07/16/62	12000	6										
1963	06/17/63	15900	6				9.90						2
	06/08/63	10700	6				8.26						
	06/23/63	6100	6				6.27						
1964	06/09/64	29300	6				12.44						2
	05/03/64	8660	6				7.43						
	06/19/64	17800	6				10.00						
1965	05/26/65	38400	6				13.93						5
	05/10/65	6600	6				6.59						
	05/16/65	25600	6				11.78						
	06/03/65	10100	6				7.33						
	06/22/65	9060	6				7.25						
	07/19/65	11200	6				8.14						
1966	03/16/66	17700	6				9.97	2	13.13		03/12/66	1	2
	04/01/66	5750	6				6.14						
	08/21/66	8540	6				7.24						
1967	06/16/67	43800	6				14.75						2
	05/09/67	17400	6				9.89						
	06/26/67	15600	6				9.32						
1968	06/08/68	10000	6				7.58						2
	06/10/68	7700	6				6.57						
	06/26/68	9990	6				7.48						
1969	07/18/69	12600	6				8.80						3
	07/21/69	11300	6				8.40						
	07/23/69	8950	6				7.62						
	07/25/69	11200	6				8.16						
1970	04/26/70	18600	6				10.40						2
	05/16/70	7280	6				6.72						
	06/14/70	6440	6				6.32						
1971	05/24/71	22600	6				10.40	2	11.50		02/15/71	1	0
1972	06/12/72	17000	6				10.16						0
1973	04/22/73	9560	6				7.92						0
1974	04/13/74	3420	6						6.86		03/01/74	1	0
1975	04/29/75	12600	6				8.92						0

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 52.--- STATION 06439300, CHEYENNE R AT CHERRY CREEK SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		23900	SQ MI					
LAT.	LONG.	CONTRIBUTING								
443610 1012924		DRAINAGE AREA:			SQ MI					
		GAGE DATUM:		1699.29	(NGVD)					
		BASE DISCHARGE:		5500	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1976	06/17/76	25500	6	11.80						0
1977	04/07/77	10500	6	8.29						0
1978	03/21/78	29800	6	12.51						0
1979	07/05/79	9140	6	7.80						0
1980	06/16/80	4080	6	5.61						0
1981	07/27/81	6360	6	6.98						0
1982	05/22/82	55900	6	15.77						0
1983	10/11/82	21400	6	11.05						0

TABLE 53.--- STATION 06439500, CHEYENNE R NEAR EAGLE BUTTE SD

STATION LOCATOR										
LAT. LONG.		DRAINAGE AREA:		24500 SQ MI						
CONTRIBUTING		DRAINAGE AREA:		SQ MI						
GAGE DATUM:		1601.57 (NGVD)		SQ MI						
BASE DISCHARGE:		5500 CFS		CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1920	05/13/20			18.90						0
1927	05/09/27			18.10						0
1929	06/03/29	49600		10.12						0
1930	02/24/30	6260		5.95						0
1931	07/04/31	8600		5.80						0
1932	05/07/32	53000		10.90						0
1933	05/24/33	104000		15.00						0
1934	07/28/34	3080		4.48						0
1935	06/02/35	51600		10.80						4
	04/27/35	6770		5.65						
	05/21/35	7530		5.77						
	05/23/35	6110		5.40						
	05/30/35	7150		5.67						
1936	03/07/36	10000		7.05	1					0
1937	07/13/37	64400		11.79						4
	06/13/37	10900		6.61						
	06/15/37	7150		5.81						
	06/19/37	14200		7.14						
	07/18/37	18200		7.53						
1938	06/24/38	16300		7.28						1
1939	09/07/38	6770		5.55						2
	05/26/39	14500		6.94						
	05/23/39	10400		6.23						
	07/03/39	6400		5.28						
1940	04/29/40	5100		4.95	2		6.80	03/29/40	1	0
1941	06/11/41	59000		12.20						4
	04/16/41	16200		7.35						
	06/03/41	14700		7.52						
	06/08/41	17700		7.99						
	07/15/41	6480		5.73						
1942	05/14/42	37600		10.35						5
	04/26/42	5760		5.38						
	04/29/42	5760		5.27						
	05/07/42	16400		7.39						
	05/18/42	31600		9.80						
	06/06/42	22400		8.67						
1943	06/15/43	30700		9.70						3
	02/23/43	7050		6.13						
	03/30/43	10700		6.75						
	06/11/43	16400		7.85						
1944	06/19/44	28000		9.42	2		10.00	04/02/44	1	9
	04/03/44	14800		7.60						

TABLE 53.--- STATION 06439500, CHEYENNE R NEAR EAGLE BUTTE SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		24500 SQ MI						
LAT.	LONG.	CONTRIBUTING		SQ MI						
444140	1011305	DRAINAGE AREA:		1601.57 (MGVD)						
		GAGE DATUM:		5500 CFS						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	04/07/44	24000		8.91						
	06/06/44	7700		6.34						
	06/10/44	6260		6.22						
	06/13/44	21400		8.44						
	06/22/44	15200		7.81						
	06/24/44	15200		7.80						
	07/10/44	6180		6.43						
	07/13/44	6130		6.42						
1945	03/16/45	20200		8.46	2		8.96	03/14/45	1	3
	03/26/45	15200		7.77						
	06/11/45	14400		7.31						
	06/15/45	8520		6.64						
1946	05/25/46	38500		10.47						7
	05/03/46	25400		9.11						
	06/02/46	25400		9.14						
	06/15/46	8210		7.05						
	06/20/46	35500		10.16						
	06/24/46	17800		8.47						
	06/27/46	11600		7.75						
	07/18/46	7370		6.84						
1947	06/23/47	50000		12.30						6
	02/17/47	8500		8.03	1					
	03/20/47	7000		6.90	1					
	03/24/47	7830		6.93						
	04/06/47	7140		6.69						
	06/11/47	6020		6.54						
	07/01/47	14300		8.26						
1948	03/21/48	10400		7.16	2		9.56	03/19/48	1	3
	03/23/48	6900		6.54						
	06/23/48	8850		6.71						
1949	06/28/48	5600		6.09						1
	03/07/49	31800		9.72						
	03/24/49	24000		8.85						
1950	04/08/50	14500	6	7.53						4
	04/01/50	8250	6	6.70						
	04/05/50	12400	6	7.25						
	04/16/50	13800	6	7.37						
	05/10/50	13100	6	7.34						
1951	03/28/51	9400	6	7.32	2		9.46	03/27/51	1	0
1952	04/03/52	38500	6	11.36						2
	05/23/52	15100	6	7.64						
	06/05/52	5760	6	6.09						

TABLE 53.-- STATION 06439500, CHEYENNE R NEAR EAGLE BUTTE SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING SQ MI	DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE: SQ MI 1601.57 (NGVD) 5500 CFS	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS		
1953	03/12/53	23200	6	444140 1011305	24500	1601.57 (NGVD) 5500 CFS	9.70	1					4		
	03/22/53	12400	6				7.36								
	05/03/53	11200	6				7.16								
	06/17/53	8040	6				6.83								
1954	06/21/53	19000	6				8.45						0		
	06/11/54	9350	6				6.83								0
	09/22/55	17600	6				8.55								0
	03/22/56	6870	6				6.55	2	8.42	03/19/56	1				3
1955	05/26/57	31500	6				11.19								
	05/21/57	12800	6				8.14								
	05/29/57	12600	6				8.09								
	06/11/57	6380	6				6.51								
1958	06/17/58	7460	6				6.66						0		
	05/06/59	6380	6				5.85								0
	03/22/60	10200	6				7.90	2	11.73	03/21/60	1				0
	07/28/61	3140	6				5.10								0
1962	05/23/62	36300	6				12.17						7		
	03/21/62	7560	6				7.19								
	05/27/62	17900	6				9.45								
	05/30/62	36200	6				12.15								
1963	06/19/62	32400	6				11.62								
	06/27/62	8660	6				6.86								
	07/06/62	12400	6				8.01								
	07/16/62	12100	6				8.12								2
1964	06/17/63	16200	6				8.89								
	06/08/63	9080	6				7.12								
	06/23/63	5740	6				5.59								2
	06/10/64	28200	6				11.33								
1965	05/03/64	6170	6				6.15								
	06/19/64	17200	6				9.32								
	05/26/65	33900	6				12.45								5
	05/11/65	5810	6				5.58								
1966	05/16/65	22500	6				10.51								
	06/03/65	10100	6				7.00								
	06/22/65	8860	6				6.68								
	07/20/65	8440	6				6.63								
1967	03/16/66	17600	6				9.72	2	14.46		03/12/66	1	2		
	04/01/66	6790	6				6.00								
	08/21/66	7340	6				6.24								
	06/17/67	45500	6				13.87								2
	05/09/67	14400	6				9.09								
	06/27/67	15900	6				9.04								

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 54.-- STATION 06440000, MISSOURI R AT PIERRE SD

STATION LOCATOR
LAT. LONG.
442225 1002220

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

24350 SQ MI
SQ MI
1414.26 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1930	04/07/30	74600								0
1931	06/12/31	46400								0
1932	06/15/32	121000								0
1933	05/28/33	119000								0
1934	06/19/34	50900								0
1935	07/14/35	131000								0
1936	04/17/36	104000								0
1937	06/20/37	120000								0
1938	03/22/38	171000								0
1939	03/31/39	197000								0
1940	06/13/40	60800								0
1941	06/13/41	132000								0
1942	06/11/42	91900								0
1943	04/06/43	281000								0
1944	04/09/44	191000								0
1945	03/20/45	108000								0
1946	06/20/46	83000								0
1947	04/01/47	241000								0
1948	03/24/48	154000								0
1949	04/05/49	187000								0
1950	04/21/50	269000								0
1951	04/08/51	127000								0
1952	04/10/52	440000								0
1953	06/22/53	112000								0
1954	10/29/53	46600	6							0
1955	10/29/54	48800	6							0
1956	03/24/56	73900	6							0
1957	05/27/57	66400	6							0
1958	03/29/58	65200	6							0
1959	03/29/59	34600	6							0
1960	08/09/60	31800	6							0
1961	05/07/61	30900	6							0
1962	05/10/62	30700	6							0
1963	08/08/63	40500	6							0
1964	07/20/64	46900	6							0
1965	08/13/65	44900	6							0

TABLE 55.-- STATION 06441000, BAD R NEAR MIDLAND SD

STATION LOCATOR		DRAINAGE AREA:		1460		SQ MI				
LAT.	LONG.	CONTRIBUTING								
440401 1010936		DRAINAGE AREA:		1849.14		SQ MI				
		GAGE DATUM:		500		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	06/20/46	1020								0
1947	06/24/47	1480								0
1948	06/17/48	5080								3
	05/10/48	640							3	
	06/21/48	3660							3	
	06/24/48	1840							3	
1949	03/24/49	1970								
	03/10/49	1000							3	1
1950	04/01/50	5570								
	03/25/50	4040							3	2
	05/06/50	3300							3	
1951	06/08/51	1200								2
	03/28/51	542							3	
	09/04/51	793							3	
1952	04/02/52	11200								6
	02/14/52	550							3	
	04/05/52	10300							3	
	04/07/52	7560							3	
	05/24/52	836							3	
	06/04/52	1890							3	
	06/28/52	3840							3	
1953	05/03/53	6340								6
	03/14/53	5380							3	
	03/18/53	4250							3	
	03/21/53	5400							3	
	06/15/53	2380							3	
	08/03/53	3330							3	
	08/05/53	1050							3	
1954	05/25/54	1050								0
1955	03/09/55	2200								2
	05/29/55	1440							3	
	09/23/55	1120							3	
1956	03/20/56	2460								2
	03/02/56	570							3	
	07/04/56	1170							3	
1957	06/12/57	5400								2
	05/22/57	2440							3	
	05/26/57	4680							3	
1958	06/14/58	1060								3
	04/27/58	603							3	
	06/03/58	719							3	
	06/18/58	643							3	

TABLE 55.-- STATION 06441000, BAD R NEAR MIDLAND SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	1460 SQ MI	1849.14 SQ MI (NGVD)	500 CFS	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.								
1959	07/14/59	1730											4
	05/07/59	1030									3		
	05/28/59	636									3		
	05/31/59	684									3		
1960	09/01/59	1110									3		
	03/23/60	7480											0
	06/14/61	3290											0
	06/18/62	3430											7
1962	03/26/62	2550											
	03/28/62	1940									3		
	05/21/62	512									3		
	05/24/62	861									3		
1963	06/01/62	861									3		
	06/21/62	1330									3		
	07/16/62	1380									3		
	06/18/63	2370											3
1964	05/26/63	560									3		
	05/31/63	1560									3		
	06/08/63	2090									3		
	06/21/64	2190											3
1965	05/05/64	1030									3		
	06/11/64	902									3		
	06/25/64	1320									3		
	05/17/65	3230											3
1966	05/12/65	902									3		
	05/28/65	2380									3		
	06/04/65	1720									3		
	03/16/66	7540											2
1967	03/29/66	1150									3		
	04/24/66	643									3		
	06/15/67	29400									24.44		4
	03/24/67	526									3		
1968	05/09/67	2060									3		
	06/10/67	1860											
	06/28/67	1360									10.84		1
	06/10/68	2000									11.38		
1969	06/27/68	556									7.54		
	07/21/69	2310									11.82		2
	03/20/69	1200											
	07/11/69	1070									8.76		
1970	04/25/70	2680									13.14		0
	03/15/71	3120									14.00		7

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 55.-- STATION 06441000, BAD R NEAR MIDLAND SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1460		SQ MI		
LAT. LONG.		CONTRIBUTING						
440401 1010936		DRAINAGE AREA:		1849.14		(NGVD)		
		GAGE DATUM:		500		CFS		
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	NUMBER OF PARTIAL PEAKS
1972	02/16/71	1300						
	04/22/71	1540		9.96				
	04/29/71	718		7.47				
	05/26/71	1750		10.50				
	05/31/71	1610		10.10				
	06/09/71	2020		12.41				
1973	09/07/71	1120		9.65				
	05/13/72	1130		8.71				2
	05/02/72	1050		8.44				
	05/27/72	642		7.07				
	05/29/73	1560		9.84				1
	04/22/73	911		7.88				
1974	04/14/74	598		6.89				0
	05/01/75	3140		14.23				4
1975	04/09/75	722		8.40				
	04/11/75	1100		9.66				
	05/09/75	767		8.29				
	06/21/75	1410		10.02				
	05/26/76	134		7.10				0
	04/09/77	1880		12.93				2
1976	04/15/77	1580		12.05				
	08/09/77	910		9.84				
	03/20/78	11100		22.49				2
	04/30/78	702		9.53				
	08/29/78	835		10.21				
	06/25/79	718		9.87				0
1979	06/03/80	265		8.34				0
	08/14/81	544		9.39				0
1980	05/21/82	6120		20.31				4
	05/17/82	1850		12.85				
	05/24/82	4450		18.00				
	06/07/82	1620		12.03				
	06/16/82	775		9.40				
	05/02/83	4380		17.95				2
1981	10/12/82	982		10.62				
	05/15/83	622		9.32				

TABLE 56.--- STATION 06441500, BAD R NEAR FORT PIERRE SD

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1905	07/ /05	70000	2 7	32.90						0
1915	/ /15			29.60						0
1920	06/ /20			27.40						0
1927	04/ /27	55000	2 7	30.89						0
1929	04/25/29	11800		21.18						0
1930	08/19/30	10200		20.20						0
1931	01/30/31	2300		8.40						0
1932	05/07/32	7350		17.24						0
1934	07/26/34	3100		9.98						0
1935	04/26/35	4480		12.60						0
1936	03/11/36	844		5.11						0
1937	06/13/37	12400		21.85						0
1938	09/08/38	8700		17.60						0
1939	08/27/39	2720					9.80	03/20/39	1	0
1940	04/01/40	1070		5.83						0
1941	06/11/41	4100		11.22						0
1942	05/01/42	34200		27.80						0
1943	03/23/43	6930		16.04						0
1944	04/01/44	3930		10.75						0
1945	06/13/45	1240					10.72	03/02/45	1	0
1946	07/02/46	4600		12.53						0
1947	06/22/47	2290					11.40	03/21/47	1	0
1948	08/09/48	7180		15.96						6
	03/15/48	2600		15.00	1					
	03/19/48	2700		10.95	1					
	05/10/48	2350		9.45						
	06/18/48	5380		13.97						
	06/21/48	3830		12.00						
	06/24/48	3830		12.00						
1949	03/27/49	3350		10.81	2		11.60	03/22/49	1	0
1950	04/02/50	16700		23.40						3
	03/25/50	12700		21.20						
	05/08/50	8120		16.95						
	09/21/50	10800		19.80						
1951	06/08/51	10500		19.50						3
	03/27/51	4420		12.63						
	06/24/51	2330		9.62						
	07/03/51	6680		15.60						
1952	04/07/52	28100		27.03	2		27.24	04/01/52	1	3
	10/04/51	6260		15.13						
	06/05/52	3410		11.38						
	06/29/52	4260		12.55						

TABLE 56.--- STATION 06441500, BAD R NEAR FORT PIERRE SD--CONTINUED

STATION LOCATOR														
LAT. LONG.														
441936 1002302														
DRAINAGE AREA: 31.07 SQ MI														
CONTRIBUTING SQ MI														
DRAINAGE AREA: 1427.83 (NGVD)														
GAGE DATUM: 2000 CFS														
BASE DISCHARGE:														
NOTE: BLANKS INDICATE NO INFORMATION														
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS				
1953	05/03/53	11700		19.80						5				
	03/14/53	10100		19.78										
	03/21/53	10500		18.88										
	06/15/53	3020		11.25										
	08/02/53	2110		9.37										
1954	08/05/53	3260		11.19						0				
	06/11/54	16600		23.35										
	06/01/55	5120		13.68	2		22.90	03/10/55	1		2			
	06/04/55	3240		11.16										
	06/28/55	2170		9.43										
1956	03/20/56	3050		10.41	2		12.25	03/17/56	1	1				
	03/17/56	2300		11.03	1					5				
	06/11/57	6390		15.26										
	04/20/57	3100		10.50										
	05/17/57	2350		9.48										
1957	05/21/57	3460		11.38										
	05/23/57	2350		9.47										
	05/27/57	3930		12.07										
	04/05/58	3050		10.41						1				
	06/03/58	2040		8.68						0				
1959	05/30/59	1640		8.06						2				
	03/27/60	16600		23.36										
	06/21/60	7940		17.00										
	08/25/60	11600		20.38							1			
	05/17/61	12800		21.93							5			
1961	06/14/61	10600		20.21										
	05/21/62	10500		19.70										
	03/28/62	3870		11.98										
	06/17/62	5220		14.00										
	06/19/62	2320		9.55										
1962	06/25/62	4200		12.45										
	07/05/62	6520		15.57										
	09/04/63	3800		11.88							0			
	06/22/64	12200		22.12							2			
	04/27/64	8780		18.48							4			
1963	05/03/64	12100		21.48										
	07/19/65	3480		11.71										
	05/15/65	3260		11.31										
	05/18/65	2660		10.12										
	05/24/65	2810		10.42						2				
1964	05/29/65	2310		9.42										
	03/18/66	10700		20.51	2		20.92	03/14/66	1		2			

TABLE 56.-- STATION 06441500, BAD R NEAR FORT PIERRE SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	STATION LOCATOR LAT. LONG. 441936 1002302	DRAINAGE AREA: CONTRIBUTING		3107 SQ MI	DRAINAGE AREA: GAGE DATUM:		1427.83 (NGVD)	2000 CFS	DATE	GAGE-- HEIGHT (FT)	GAGE-- HEIGHT (FT)	CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	NUMBER OF PARTIAL PEAKS
1967	03/31/66	2340										9.47					
	06/21/66	6940										16.59					
	06/18/67	43800										29.55					2
1968	05/10/67	2160										9.02					
	06/10/67	3270										11.02					
	06/09/68	6500										16.64					2
1969	04/22/68	5780										16.11					
	06/11/68	2050										9.06					
	07/17/69	7140										17.11					2
1970	03/21/69	3700										12.30					
	07/15/69	2200										9.02					
	04/27/70	3800										12.30					0
1971	04/20/71	10300										20.88					5
1972	02/17/71	2500															
	02/26/71	2300										12.18					
	03/16/71	3760										9.35					
1972	04/28/71	2260										13.09					
	06/09/71	4280										19.40					4
	05/02/72	9120															
1972	02/29/72	2200															
	03/07/72	2300															
	05/11/72	3440										11.65					
1973	07/28/72	2230										9.25					
	05/31/73	1850										8.52					0
	04/20/74	2560										10.18					0
1975	04/09/75	3770										12.20					3
	04/13/75	2410										9.94					
	04/17/75	2310										9.76					
1976	05/02/75	2520										10.11					
	02/10/76	1560										8.23					0
	06/22/77	6740										17.94					3
1977	03/29/77	3580										12.65					
	04/10/77	2110										9.84					
	09/23/77	3780										12.39					
1978	03/20/78	19200										25.52					2
	04/19/78	3660										12.54					
	05/01/78	3040										11.43					
1979	07/24/79	3570										13.45					0
1980	07/05/80	2150										9.26					0
1981	10/16/80	1140										7.25					0
1982	05/14/82	15600										24.05					
	05/18/82	2580										10.19					4

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 56.-- STATION 06441500, BAD R NEAR FORT PIERRE SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
441936 1002302										
DRAINAGE AREA: CONTRIBUTING										
DRAINAGE AREA: SQ MI										
1427.83 (NGVD)										
GAGE DATUM: 2000 CFS										
BASE DISCHARGE:										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1983	05/20/82	6670		16.34						3
	06/06/82	6250		15.81						
	06/09/82	2300		9.71						
	05/02/83	9130		19.41						
	10/10/82	2800		10.58						
	05/12/83	3720		12.14						
	06/20/83	3400		11.58						

TABLE 57.--- STATION 06442000, MEDICINE KNOLL CR NEAR BLUNT SD

STATION LOCATOR		DRAINAGE AREA:		317 SQ MI				
LAT.	LONG.	CONTRIBUTING	SQ MI					
443346 0995450 <td>DRAINAGE AREA:<td>1611.08 (NGVD)<td></td><td></td></td></td>		DRAINAGE AREA: <td>1611.08 (NGVD)<td></td><td></td></td>	1611.08 (NGVD) <td></td> <td></td>					
		BASE DISCHARGE: <td>50 CFS<td></td><td></td></td>	50 CFS <td></td> <td></td>					
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1917	/ /17			15.00				0
1950	03/30/50	1300				03/26/50	1	0
1951	08/16/51	52		8.55	2	03/28/51	1	0
1952	04/05/52	1830		12.34				0
1953	08/02/53	458		11.04	2	03/14/53	1	3
	03/17/53	330		11.58	1			
	03/22/53	444		11.27	1			
	05/02/53	52		8.47				
1954	06/13/54	12		7.91				0
1955	03/11/55	526		12.04	1			0
1956	03/21/56	12		9.00	2	03/19/56	1	0
1957	05/26/57	15		8.32				0
1958	03/26/58	100		10.15	1			0
1959	06/20/59	4		7.72				0
1960	04/01/60	1540		12.05	2	03/27/60	1	2
	04/05/60	932		11.39				
	08/30/60	102		9.25				
1961	05/20/61	21		8.18				0
1962	08/11/62	184		10.22	2	03/27/62	1	3
	03/27/62	140		10.70	1			
	06/18/62	57		9.10				
	06/22/62	56		9.08				
1963	04/16/63	6		7.81				0
1964	05/03/64	37		8.28				0
1965	05/25/65	6		7.69				0
1966	03/14/66	541		11.10	2	03/13/66	1	0
1967	06/19/67	1430		12.27				2
	03/03/67	90						
	03/14/67	55						
1968	04/08/68	29		8.35				0
1969	06/25/69	1090		11.58				2
	04/05/69	266		10.25				
	04/13/69	100		9.09				
1970	04/19/70	39		8.65				0
1971	02/17/71	75		9.60	1			0
1972	03/15/72	216		10.46				0
1973	03/06/73	62		9.08	1			0
1974	/ /74	0						0
1975	04/14/75	10	1	7.46		04/09/75	1	0
1976	02/17/76	3						0
1977	/ /77	0						0
1978	03/20/78	1620		12.37				1

TABLE 58.-- STATION 06442500, MEDICINE CR AT KENNEBEC SD

STATION LOCATOR													
LAT. LONG.													
435417 0995235													
DRAINAGE AREA: 465 SQ MI													
CONTRIBUTING													
DRAINAGE AREA: SQ MI													
GAGE DATUM: 1659.64 (NGVD)													
BASE DISCHARGE: 100 CFS													
NOTE: BLANKS INDICATE NO INFORMATION													
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS			
1952	04/ /52			17.00						0			
1955	03/10/55	1840		13.54						2			
	04/01/55	117		3.34									
	06/04/55	682		8.66									
1956	03/22/56	271		5.65						3			
	03/26/56	210		4.59									
	04/02/56	229		4.84									
	04/06/56	107		3.24									
1957	04/21/57	1420		12.36						7			
	04/19/57	150		6.42	1								
	05/23/57	260		5.36									
	06/09/57	251		5.17									
	06/12/57	694		9.73									
	06/14/57	233		4.95									
	06/18/57	910		10.02									
	08/31/57	315		5.91									
1958	04/08/58	889		9.86						2			
	03/28/58	490		7.34									
	05/17/58	152		3.93									
1959	/ /59	0								0			
1960	03/28/60	8970		16.71						3			
	04/05/60	2620		14.28									
	05/19/60	3780		15.21									
	05/26/60	253		5.20									
1961	06/16/61	191		4.40						1			
	05/18/61	144		3.79									
1962	05/30/62	2590		14.25						9			
	03/31/62	700		10.38	1								
	05/17/62	1760		13.04									
	05/23/62	869		9.74									
	06/18/62	1020		10.73									
	06/23/62	457		6.77									
	06/27/62	989		10.49									
	07/02/62	1040		10.82									
	07/07/62	146		3.76									
	07/15/62	1030		10.97									
1963	06/09/63	172		4.23						0			
1964	04/28/64	1480		12.44						1			
	05/04/64	701		8.60									
1965	05/21/65	365		6.06						2			
	05/09/65	121		3.24									
	06/29/65	249		4.94									

TABLE 58.--- STATION 06442500, MEDICINE CR AT KENNEBEC SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	465 SQ MI	SQ MI	SQ MI (NGVD)	100 CFS	GAGE- HEIGHT (FT)	HIGHEST SINCE	GAGE- HEIGHT (FT)	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.												
1966	03/14/66	723									8.95	2	8.95	9.07	03/17/66		0
1967	06/16/67	169									4.07	2	4.07	4.16	03/03/67		2
	03/03/67	159									4.16						
	06/19/67	103									3.12						
1968	06/10/68	3980									14.62						4
	04/23/68	1130									9.77						
	05/14/68	240									4.42						
	06/21/68	290									4.83						
	06/30/68	105									3.10						
1969	04/03/69	728									7.69						2
	03/25/69	510									6.32						
	07/18/69	173									3.74						
1970	04/19/70	362									5.15						3
	04/21/70	136									3.17						
	05/30/70	260									4.39						
	06/16/70	124									3.01						
1971	04/23/71	425									5.65						1
	04/29/71	195									3.79						
1972	05/15/72	626									6.97						2
	02/21/72	130									3.12						
	05/03/72	479									6.02						
1973	02/24/73	277									4.29	2	4.29	4.42	/ 73 1		1
	03/16/73	140									2.97						
1974	04/22/74	26									1.89						0
1975	04/18/75	278									4.39						3
	04/12/75	178									3.46						
	04/15/75	225									3.93						
	05/01/75	145									3.13						
1976	07/25/76	16									1.79						0
1977	03/30/77	2390									12.81						8
	03/18/77	300															
	03/26/77	621									6.94						
	06/14/77	187									3.71						
	06/24/77	119									2.97						
	06/26/77	148									3.29						
	07/03/77	349									5.11						
	07/21/77	181									3.66						
	07/25/77	184									3.69						
1978	03/20/78	3100									14.24						1
	05/28/78	450									5.78						
1979	08/10/79	393									5.44						2
	08/28/79	312									4.84						

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 59.--- STATION 06442950, CROW CR NEAR GANN VALLEY SD

STATION LOCATOR												
LAT. LONG.												
435929 0991307												
DRAINAGE AREA: 670 SQ MI												
CONTRIBUTING												
DRAINAGE AREA: SQ MI												
GAGE DATUM: 1434.73 (NGVD)												
BASE DISCHARGE: 150 CFS												
NOTE: BLANKS INDICATE NO INFORMATION												
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS		
1972	03/13/72	2080		13.17						4		
	05/02/72	1470		11.22								
	05/15/72	1890		12.62								
	05/24/72	170		4.81								
1973	07/31/72	155		4.67						3		
	03/03/73	1840		12.60								
	02/24/73	650										
	03/14/73	258		5.54								
1974	05/06/73	164		4.76						1		
	02/20/74	700		8.96	1							
1975	05/21/74	198		5.01						1		
	06/21/75	296		5.75								
1976	04/19/75	250								0		
1977	/ /76	0								2		
	03/12/77	794		8.24						4		
	03/29/77	316		5.64								
	04/20/77	247		5.11								
03/22/78	3900		14.60									
1978	04/19/78	354		6.06						1		
	04/23/78	221		5.17								
	04/26/78	175		4.84								
	07/01/78	183		4.90								
1979	04/13/79	314		5.81						1		
	07/13/79	169		4.63								
1980	06/27/80	1720		11.80						0		
1981	04/01/81	253		5.40						0		
1982	05/21/82	666		7.78						5		
	02/21/82	185		4.83								
	03/31/82	322		5.86								
	05/16/82	319		5.84								
1983	05/30/82	338		5.96						5		
	06/15/82	160		4.62								
	10/09/82	898		8.94								
	03/06/83	159		4.64								
	05/12/83	525		7.07								
	05/14/83	158		4.70								
	06/15/83	508		6.98								
	06/22/83	635		7.63								

TABLE 60.-- STATION 06443000, MISSOURI R AT CHAMBERLAIN SD

STATION LOCATOR
LAT. LONG. 434840 0992010

DRAINAGE AREA:
CONTRIBUTING 25080 SQ MI

DRAINAGE AREA:
GAGE DATUM: 1320.11 (NGVD)
BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1929	06/04/29	151000	7				13.26	03/30/29	1	0
1943	04/07/43			19.30						0
1945	03/21/45	107800		11.45						0
1946	06/21/46	81000		10.35						0
1947	04/02/47	213000		16.22						0
1948	03/25/48	122000		11.82						0
1949	04/06/49	177000		15.02						0
1950	04/22/50	250000		18.80						0
1951	04/08/51	113000		11.52						0
1952	04/11/52	440000		25.55						0
1953	06/23/53	112000		13.97	2		14.84	06/18/53	1	0
1954	10/30/53	47500		8.66	2		13.83	09/30/54	1	

TABLE 61.-- STATION 06445700, WHITE R AT SLIM BUTTE SD

STATION LOCATOR		DRAINAGE AREA:		1500 SQ MI						
LAT.	LONG.	CONTRIBUTING		SQ MI						
430433 1024841		DRAINAGE AREA:		2970.00 (NGVD)						
		GAGE DATUM:								
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1962	06/13/62	14400		20.54						0
1963	06/15/63	1010		11.74						0
1964	06/22/64	182		6.85						0
1965	07/28/65	435		8.02						0
1966	03/10/66	1700		15.92	1					0
1967	06/16/67	9240		19.92						0
1968	08/09/68	1530		14.18						0
1969	07/22/69	1570		14.31						0
1970	04/25/70	558		9.17						0
1971	05/25/71	900								0
1972	/ /72	900								0
1973	03/25/73	250		7.00						0

TABLE 62.-- STATION 06445980, WHITE CLAY CR NEAR OGLALA SD

STATION LOCATOR		DRAINAGE AREA:		340	SQ MI			
LAT.	LONG.	CONTRIBUTING						
430846 1024058		DRAINAGE AREA:	SQ MI					
		GAGE DATUM:	3001.54 (NGVD)					
		BASE DISCHARGE:	150 CFS					
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS.
1966	03/12/66	618		14.36	2	03/11/66	1	0
1967	06/16/67	659		14.74				4
	05/26/67	318		11.09				
	06/09/67	214		9.80				
	06/12/67	394		11.93				
	06/21/67	449		13.05				
1968	06/08/68	474		12.84				2
	06/10/68	262		10.68				
	07/17/68	298		10.85				
1969	07/16/69	587		14.05				3
	03/19/69	215		11.66	1			
	07/17/69	256		10.48				
	07/19/69	208		10.01				
1970	03/26/70	33		6.11	2	01/27/70	1	0
1971	02/14/71	200				02/14/71	1	0
1972	05/27/72	181		9.34				0
1973	03/16/73	75						0
1974	07/19/74	30				02/23/73	1	0
1975	08/02/75	392				02/11/74	1	0
	06/21/75	216		11.87				1
1976	06/19/76	136		9.83				0
1977	06/19/77	130		8.70				0
1978	06/24/78	370		8.68				2
	03/20/78	285		11.92				
	07/21/78	166		11.91				
1979	07/24/79	70		9.26				0
1980	06/16/80	186		7.92				0
1981	08/05/81	126		10.80	2	02/22/80	1	0
				10.14				0

TABLE 63.--- STATION 06446000, WHITE R NEAR OGLALA SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	2200 SQ MI	SQ MI	SQ MI	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.								
				431517	1024929			2853.54 (NGVD)	800 CFS				
NOTE: BLANKS INDICATE NO INFORMATION													
1944	06/14/44	1370				GAGE HEIGHT (FT)		HIGHEST SINCE	MAX GAGE HEIGHT (FT)				0
1945	03/26/45	968				17.12							0
1946	05/03/46	1040				13.68							0
1947	06/21/47	5200				14.32							2
	06/30/47	2010				23.50							
	07/10/47	1880				19.35							
1948	08/09/48	832				19.05							0
1949	03/04/49	2670				13.16			13.91	03/20/48	1		0
1950	05/10/50	455				20.60			20.63	03/05/49			0
1951	07/30/51	733				10.50							0
1952	03/31/52	513				12.63							0
1953	03/14/53	830				10.42			11.70	03/13/52	1		0
1954	05/26/54	672				13.99			14.42	03/13/53	1		0
1955	09/21/55	2110				12.05							0
	06/17/55	807				19.19							1
1956	05/30/56	510				13.46							0
1957	06/12/57	2330				10.64			17.04	02/24/56	1		2
	05/20/57	1830				20.14							
	05/26/57	2040				18.96							
1958	07/13/58	750				19.54							0
1959	09/28/59	249				12.98							0
1960	03/23/60	1210				7.88			8.20	03/23/59	1		0
1961	07/22/61	355				16.42			17.81	03/20/60	1		0
1962	06/14/62	2720				9.08							2
	06/17/62	2450				21.73							
	06/28/62	1130				21.12							
1963	06/16/63	1560				15.57							0
1964	06/18/64	443				17.97							0
1965	05/15/65	924				9.63							0
1966	03/12/66	1830				14.13							0
1967	06/16/67	3270				19.06							3
	06/09/67	1120				23.61							
	06/13/67	1950				16.36							
	06/24/67	1200				20.25							
1968	06/09/68	997				16.88							0
1969	07/17/69	1760				15.49							2
	07/22/69	1370				19.38							
	07/24/69	1260				17.36							
1970	04/25/70	809				16.69							0
1971	05/25/71	1300				13.82							1
	05/31/71	1050				16.88							
1972	05/12/72	278				15.25							0
						8.82							

TABLE 63.-- STATION 06446000, WHITE R NEAR OGLALA SD--CONTINUED

STATION LOCATOR
LAT. LONG.
431517 1024929

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

2200 SQ MI
SQ MI
2853.54 (NGVD)
800 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1973	04/23/73	367		9.78						0
1974	04/14/74	481		11.02						0
1975	06/22/75	776		13.64						0
1976	05/27/76	405		10.43	2		12.14	09/12/76	1	0
1977	04/14/77	630		11.91	2		12.51	10/24/76	1	0
1978	03/14/78	1520		18.16						1
	08/29/78	839		14.11						
1979	08/21/79	789		13.79						0
1980	06/16/80	671		12.74						0
1981	07/22/81	319		9.07						0
1982	05/15/82	1330		17.28						3
	05/17/82	1310		17.19						
	05/21/82	1050		15.59						
	06/15/82	1020		15.08						
1983	05/19/83	938		14.42						0

TABLE 64.-- STATION 06447000, WHITE R NEAR KADOKA SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		5000 SQ MI					
LAT.	LONG.	CONTRIBUTING	SQ MI						
434509 1013128		GAGE DATUM:	2122.18 (NGVD)						
		BASE DISCHARGE:	3600 CFS						
NOTE: BLANKS INDICATE NO INFORMATION									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1959	07/31/58	3800		8.25					1
	05/05/59	12000		12.23					
	06/30/59	4190		8.35					
	03/19/60	9520		11.11	2	13.94	03/19/60	1	1
1960	05/25/60	4620		8.71					
	07/27/61	6280		9.67					1
1961	06/14/61	3660		8.11					
	06/18/62	19600		14.95					8
	03/21/62	9650		11.88					
	05/22/62	8920		11.45					
1962	05/30/62	5470		9.28					
	06/13/62	5410		9.24					
	06/16/62	12400		13.12					
	06/21/62	5700		9.43					
1963	06/25/62	4660		8.74					
	07/13/62	6930		10.24					2
	06/16/63	10900		12.57					
	10/07/62	3730		8.13					
1964	05/31/63	4150		8.54					3
	06/19/64	15500		14.89					
	06/09/64	10300		11.27					
	06/17/64	9650		12.13					
1965	06/23/64	6320		9.99					4
	05/15/65	18000		14.62					
	05/09/65	5600		9.04					
	05/25/65	12400		13.07					
1966	06/02/65	5160		9.04					
	07/21/65	3850		8.19					
	03/11/66	8270		11.33	2	14.07	03/10/66	1	3
	07/24/66	7650		10.69					
1967	08/20/66	5350		9.20					
	08/31/66	6680		10.07					
	06/15/67	18800		15.30					3
	06/12/67	12200		12.60					
1968	06/18/67	13700		13.14					
	06/24/67	5160		9.07					2
	06/08/68	13500		13.15					
	04/23/68	3610		8.04					
1969	06/26/68	5400		9.22					
	07/24/69	6340		9.74	2	9.84	03/18/69	1	2
	07/17/69	5290		9.15					
	07/20/69	5440		9.24					

TABLE 64.--- STATION 06447000, WHITE R NEAR KADOKA SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		5000	SQ MI							
LAT.	LONG.	CONTRIBUTING										
434509	1013128	DRAINAGE AREA:			SQ MI							
		GAGE DATUM:	2122.18	(NGVD)								
		BASE DISCHARGE:	3600	CFS								
NOTE: BLANKS INDICATE NO INFORMATION												
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT (FT)	MAX GAGE HEIGHT (FT)	HIGHEST SINCE	GAGE-- HEIGHT CODES	DATE	NUMBER OF PARTIAL PEAKS
1970	04/25/70	7190			10.25							0
1971	05/24/71	10200			11.67							3
	02/16/71	4700										
	04/20/71	8630			10.89							
	04/27/71	5460			9.25							
1972	07/25/72	5180			9.10							2
	04/30/72	3670			7.98							
	05/11/72	4810			8.72							
1973	05/27/73	10600			11.84							2
	03/14/73	3910			8.24							
	04/20/73	4080			8.31							
1974	04/20/74	8050			10.62							1
	04/12/74	7090			10.12							
1975	04/29/75	7150			10.02	2	03/17/75	10.17		1		2
	04/08/75	5100			9.03							
	06/19/75	5390			9.24							
1976	05/24/76	5150			9.06	2	02/11/76	10.85		1		0
1977	04/12/77	8050			10.89							3
	04/07/77	6180			9.95							
	07/20/77	4980			9.11							
	08/10/77	4740			8.95							
1978	03/11/78	12000			14.50	1						2
	03/18/78	3970			8.78							
	07/22/78	6560			10.28							
1979	08/09/79	8070			11.06							3
	06/18/79	7660			10.88							
	06/20/79	5120			9.58							
	07/05/79	8000			11.03							
1980	08/16/80	3540			8.45							0
1981	07/24/81	6580			10.29	2	02/27/80	9.64		1		3
	10/17/80	5290			9.60							
	08/01/81	5520			9.73							
	08/05/81	4880			9.36							
1982	05/20/82	21300			16.18							6
	02/18/82	4300										
	05/15/82	15600			14.03							
	05/24/82	11900			12.53							
	06/06/82	7780			10.85							
	06/14/82	8240			11.05							
	07/26/82	8030			10.96							
1983	05/08/83	13100			13.01							5
	10/10/82	8740			11.26							

TABLE 64.-- STATION 06447000, WHITE R NEAR KADOKA SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		5000		SQ MI	
LAT. LONG.		CONTRIBUTING					
434509 1013128		DRAINAGE AREA:				SQ MI	
		GAGE DATUM:		2122.18		(NGVD)	
		BASE DISCHARGE:		3600		CFS	
NOTE: BLANKS INDICATE NO INFORMATION							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	HIGHEST	MAX GAGE	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	SINCE	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES		(FT)	
05/01/83	13000		12.99				
05/12/83	5910		9.94				
06/20/83	3880		8.72				
06/26/83	4330		9.02				

TABLE 65.--- STATION 06447500, LITTLE WHITE R NEAR MARTIN SD

STATION LOCATOR		DRAINAGE AREA:		310 SQ MI						
LAT.	LONG.	CONTRIBUTING								
431000 1013747		DRAINAGE AREA:	230 SQ MI							
		GAGE DATUM:	3045.00 (NGVD)							
		BASE DISCHARGE:	100 CFS							
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1932	05/05/32			13.30						0
1938	05/20/38	116		6.20	2		6.36	03/05/38		0
1939	05/23/39	440		11.37						0
1940	03/07/40	60					5.68	03/04/40	1	0
1962	07/19/62	70								0
1963	06/20/63	181		3.83						1
	05/31/63	112		5.77						
				4.51						
1964	04/30/64	91		3.57	2		3.90	03/20/64	1	0
1965	07/19/65	1190		12.90						2
	06/25/65	104		3.84						
	06/28/65	442		8.94						
1966	03/11/66	1040		13.21	1					0
1967	06/14/67	688		10.21						5
	05/09/67	142		4.64						
	06/11/67	137		4.50						
	06/18/67	542		9.24						
	06/28/67	131		4.41						
	07/19/67	433		8.29						
1968	06/06/68	293		6.66						2
	04/10/68	157		4.76						
	06/10/68	253		6.16						
1969	07/25/69	230		5.83	2		6.37	03/18/69	1	2
	03/18/69	190								
	07/22/69	175		5.03						
1970	04/26/70	140		4.13						0
1971	03/29/71	118		3.69	2		4.53	02/19/71	1	0
1972	05/14/72	94		3.21						0
1973	03/18/73	87		3.07	2		3.38	02/20/73	1	0
1974	04/15/74	109		3.59						0
1975	04/10/75	452		8.47						1
	05/01/75	130		4.26						
1976	09/15/76	118		4.05						0
1977	04/10/77	334		7.57						3
	04/13/77	291		7.04						
	06/17/77	219		6.08						
	08/12/77	143		4.91						
1978	03/12/78	550		11.16	1					0
1979	06/25/79	156		5.01						1
	07/27/79	118		4.48						
1980	04/09/80	87		3.41	2		3.69	03/17/80	1	0
1981	07/30/81	26		2.63						0
1982	05/19/82	158		5.26						1
	05/15/82	155		5.21						
1983	08/01/83	1020		12.10						1
	05/05/83	137		4.70						

TABLE 66.-- STATION 06448000, LAKE CR ABOVE REFUGE NEAR TUTTHILL SD

STATION LOCATOR		DRAINAGE AREA:		58 SQ MI						
LAT.	LONG.	CONTRIBUTING								
430507 1013604		DRAINAGE AREA:	23 SQ MI							
		GAGE DATUM:	3090.00 (NGVD)							
		BASE DISCHARGE:	50 CFS							
BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1938	04/27/38	57								0
1939	03/20/39	52								0
	03/15/40	52								0
1962	08/30/62	23		1.81	2		3.15	02/01/63	1	0
1963	06/16/63	67		2.69						1
	04/10/63	51		2.43						
	04/28/64	80		2.87						2
1964	04/21/64	70		2.67						
	06/23/64	51		2.37						
1965	05/14/65	99		2.99						0
1966	03/09/66	154		2.83	2		3.60	03/08/66	1	0
1967	05/03/67	100		3.38	1					2
	06/12/67	59		2.76						
	06/15/67	59		2.77						
1968	06/09/68	132		3.47						3
	04/06/68	79		3.16						
	06/06/68	114		3.35						
	08/15/68	61		3.01						
1969	03/17/69	100		3.22	2		3.61	01/02/69	1	1
	07/24/69	93		3.33						
1970	04/23/70	51		2.69	2		3.23	01/22/70	1	0
1971	04/20/71	121		3.46	2		3.75	02/12/71	1	0
1972	04/26/72	61		2.81	2		3.35	02/10/72	1	1
	05/02/72	60		2.77						
1973	05/27/73	99		3.21	2		3.46	01/16/73	1	1
	03/14/73	76		3.15						
1974	04/11/74	107		3.09	2		3.18	01/17/74	1	1
	05/29/74	94		2.87						
1975	04/28/75	70		2.21	2		3.28	04/07/75	1	1
	06/19/75	56		1.97						
1976	05/23/76	51		1.87	2		2.66	01/29/76	1	0
1977	03/24/77	127		2.60	2		3.06	03/17/77	1	1
	05/22/77	68		2.00						
1978	05/28/78	87		2.60	2		3.39	02/23/78	1	2
	03/18/78	77		2.54						
	04/19/78	54		2.23						
1979	12/01/78	30	9	2.79	1					0

TABLE 67.-- STATION 06449000, LAKE CR BELOW REFUGE NEAR TUTTHILL SD

STATION LOCATOR		DRAINAGE AREA:		120	SQ MI					
LAT.	LONG.	CONTRIBUTING		60	SQ MI					
430846	1013038	DRAINAGE AREA:		3055.00	(NGVD)					
		GAGE DATUM:								
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1938	07/18/38	97	6	4.55						0
1939	03/12/39	70	6				4.69	03/09/39	1	0
1940	04/28/40	61	6	4.04						0
1963	03/17/63	70	6	3.76						0
1964	04/06/64	107	6	4.20	2		4.37	02/12/64	1	0
1965	06/01/65	47	6	3.31	2		3.76	12/16/64	1	0
1966	03/22/66	122	6	4.30	2		4.34	03/24/66	1	0
1967	06/18/67	178	6	5.17						0
1968	04/10/68	60	6	4.06	2		4.75	04/04/68	1	0
1969	04/11/69	61	6	3.72	2		4.10	12/23/68	1	0
1970	05/06/70	79	6				4.32	04/29/70		0
1971	05/05/71	130	6	4.57						0
1972	05/01/72	127	6	4.66						0
1973	04/01/73	80	6	4.05						0
1974	04/27/74	57	6	3.90						0
1975	04/28/75	96	6	4.34	2					0
1976	02/21/76	45	6	4.01	1		5.67	03/28/75	1	0
1977	04/12/77	140	6	4.71						0
1978	03/28/78	84	6	3.97						0
1979	04/12/79	78	6	3.55						0
1980	04/11/80	110	6	4.39						0
1981	06/15/81	74	6	3.29						0
1982	06/08/82	94	1				4.53	01/23/82	1	0
1983	05/20/83	108	6	4.16						0

TABLE 68.-- STATION 06449100, LITTLE WHITE R NEAR VETAL SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	03/14/73	158		3.93						
	03/25/73	155		3.96						
	04/01/73	171		4.04						
1974	04/22/74	144		3.85	2		4.39	01/16/74	1	0
1975	04/14/75	438		5.27						0
1976	09/15/76	152		3.96	2		4.20	02/05/76	1	0
1977	04/13/77	508		6.01						4
	04/06/77	401		5.62						
	04/20/77	387		5.53						
	05/07/77	153		4.29						
	05/27/77	169		4.36						
1978	03/14/78	1170		8.07						3
	04/19/78	166		4.47						
	04/24/78	189		4.65						
	05/13/78	164		4.57						
1979	06/25/79	290		5.31						2
	03/18/79	189		4.88						
	07/18/79	200		4.84						
1980	04/13/80	163		4.91	2		5.50	03/02/80	1	0
1981	08/14/81	60		4.08	2		4.49	02/01/81	1	0
1982	02/18/82	250	9							0
1983	08/03/83	794		6.94						2
	05/02/83	229		4.88						
	05/18/83	246		4.98						

TABLE 69.--- STATION 06449250, SPRING CR NEAR ST FRANCIS SD

STATION LOCATOR		DRAINAGE AREA:		57	SQ MI					
LAT.	LONG.	CONTRIBUTING								
430421 1010149		DRAINAGE AREA:		10	SQ MI					
		GAGE DATUM:		2815.50	(NGVD)					
		BASE DISCHARGE:		25	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1960	05/05/60	53		6.86						0
1961	03/25/61	23		5.77						0
1962	06/21/62	65		7.41						4
	05/31/62	58		6.78						
	06/06/62	39		6.24						
	06/17/62	61		7.30						
	07/04/62	58		7.19						
1963	04/10/63	29		5.94						2
	03/02/63	26		5.80						
	03/19/63	27		5.84						
1964	04/29/64	37		6.36						0
1965	04/13/65	9		4.69	2		4.85	02/17/65	1	0
1966	03/16/66	32		6.13						0
1967	06/15/67	43		6.76						0
1968	06/09/68	55		7.27						2
	04/08/68	34		6.08						
	04/24/68	34		6.21						
1969	03/19/69	59		7.43						1
	04/03/69	40		6.46						
1970	04/18/70	51		7.05						0
1971	04/21/71	56		7.34						1
	04/29/71	51		7.10						
1972	05/03/72	26		5.73						0
1973	03/25/73	30		5.87						3
	03/03/73	28		5.75						
	03/16/73	28		5.79						
	04/02/73	25		5.60						
1974	03/02/74	16		5.14						0

TABLE 70.--- STATION 06449500, LITTLE WHITE R NEAR ROSEBUD SD

STATION LOCATOR		DRAINAGE AREA:		CONTRIBUTING		DRAINAGE AREA:		GAGE DATUM:		BASE DISCHARGE:	
LAT.	LONG.	1020	SQ MI	760	SQ MI	2294.99	(NGVD)	330	CFS		
431932 1005300											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1944	05/17/44	4470		13.92						0	
1945	03/12/45	700	1				9.96	03/10/45	1	0	
1946	08/28/46	566					6.99	02/18/46	1	0	
1947	03/15/47	417	1				6.53	03/10/47	1	2	
	03/14/47	417	1								
	03/15/47	417	1								
1948	08/13/48	498		5.52	2		7.33	03/11/48	1	0	
1949	03/04/49	1250		10.28	2		11.87	03/05/49	1	1	
	05/31/49	392		5.27							
1950	03/23/50	2220		9.98						4	
	02/18/50	400		7.75	1						
	03/16/50	1100		7.92	1						
	03/31/50	596		5.88							
	07/18/50	491		5.56							
1951	03/22/51	340		6.24	2		6.35	03/26/51	1	0	
1952	03/29/52	942		6.75	2		7.63	03/17/52	1	2	
	03/17/52	650		7.63	1						
	03/23/52	365		4.97							
1953	03/18/53	510		5.13	2		7.00	02/10/53	1	2	
	03/15/53	436		4.91							
	05/03/53	500		5.10							
1954	03/19/54	311		4.38	2		5.92	01/14/54	1	0	
1955	03/11/55	770		9.33	2		9.47	03/10/55	1	4	
	03/14/55	635		5.75							
	03/29/55	443		5.00							
	06/02/55	368		4.74							
	06/16/55	462		5.07							
1956	03/20/56	358		4.58	2		7.51	03/16/56	1	0	
1957	06/16/57	410		4.80	2		5.98	01/07/57	1	2	
	04/21/57	352		4.67							
1958	05/26/57	387		4.70							
	06/12/58	575		5.40	2		6.03	03/02/58	1	2	
	04/08/58	358		4.65							
	07/24/58	416		4.81							
1959	08/20/59	943		6.62						0	
1960	03/21/60	2370		9.52	2		10.27	03/21/60	1	2	
	03/25/60	1290		6.83							
	05/25/60	337		4.33							
1961	05/19/61	299		4.22	2		6.06	02/24/61	1	0	
1962	07/12/62	3600		12.27						8	
	05/16/62	394		4.59							
	05/21/62	986		6.13							

TABLE 70.-- STATION 06449500, LITTLE WHITE R NEAR ROSEBUD SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		1020		SQ MI	
LAT. LONG.		CONTRIBUTING		760		SQ MI	
431932 1005300		DRAINAGE AREA:		2294.99		(NGVD)	
		GAGE DATUM:		330		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)
	05/25/62	367		4.62			
	05/30/62	416		4.65			
	06/13/62	519		4.93			
	06/17/62	1430		7.30			
	06/21/62	785		5.58			
	07/04/62	356		4.42			
1963	06/26/63	617		5.26	2	8.12	12/23/62 1
	06/21/63	378		4.64			
1964	06/16/64	426		4.79	2	5.76	03/07/64 1
1965	07/05/65	1090		6.38	2	6.96	12/26/64 1
	07/02/65	418		4.87			
	07/22/65	378		4.56			
1966	03/14/66	1460		7.44	2	12.28	03/13/66 1
	08/11/66	649		5.37			
1967	06/11/67	4640		14.09			
	06/15/67	1930		8.61			
	06/21/67	716		5.63			
	07/05/67	350		4.66			
	09/18/67	1540		7.59			
1968	06/07/68	2850		10.51			
	04/07/68	378		4.66			
	07/16/68	451		4.78			
1969	03/18/69	650		7.68	1		
1970	04/24/70	362		4.45	2	5.91	02/05/70 1
1971	04/20/71	3320		11.52			
1972	07/25/72	768		5.72	2	5.80	01/20/72 1
1973	03/14/73	365		4.48	2	6.48	02/18/73 1
1974	08/15/74	237		4.25	2	5.74	02/17/74 1
1975	04/14/75	469		4.83	2	6.41	04/04/75 1
1976	07/27/76	1430		7.45			
	09/15/76	379		4.66			
1977	09/30/77	1380		7.28			
	04/04/77	506		4.93			
	04/08/77	595		5.17			
	04/12/77	662		5.49			
	06/16/77	1350		7.24			
	08/08/77	584		5.27			
1978	03/19/78	1560		8.13	2	9.87	03/15/78 1
1979	06/25/79	2830		10.81			
	06/19/79	654		5.65			
1980	04/13/80	246	1			7.65	11/28/79 1
1981	08/04/81	368		5.60	2	7.30	12/22/80 1

TABLE 70.-- STATION 06449500, LITTLE WHITE R NEAR ROSEBUD SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1982	02/19/82	500	9	6.91	1					0	
1983	08/04/83	576		5.96	2		6.21	02/06/83	1	2	
	05/02/83	476		5.54							
	05/12/83	334		5.13							

STATION LOCATOR
LAT. LONG.
431932 1005300

DRAINAGE AREA:
CONTRIBUTING
760 SQ MI

DRAINAGE AREA:
2294.99 (NGVD)

GAGE DATUM:
BASE DISCHARGE:
330 CFS

TABLE 71.-- STATION 06450500, LITTLE WHITE R BELOW WHITE RIVER SD

STATION LOCATOR
LAT. LONG.
433604 100452

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA: 1310 SQ MI
GAGE DATUM: 1912.78 (NGVD)
BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1930	05/11/30	1390								0
1931	02/04/31	438								0
1932	05/06/32	4110								0
1939	05/23/39	909								0
1940	06/03/40	565								0
1951	08/01/51	1830								0
1952	03/29/52	5850								0
1953	04/30/53	2820								0
1954	03/17/54	1870								0
1955	03/11/55	2840								0
1956	08/06/56	1960								0
1957	08/26/57	1420								0
1958	04/06/58	1330								0
1959	08/20/59	1210								0
1960	03/22/60	6050								0
1961	08/12/61	1920								0
1962	06/25/62	5950								0
1963	06/15/63	1100								0
1964	06/16/64	1320								0
1965	07/23/65	1090								0
1966	03/15/66	3310								0
1967	06/12/67	13700								0
1968	06/07/68	13400								0
1969	07/20/69	1400								0
1970	11/14/69	804		5.43	2		8.53	03/18/69	1	0
1971	04/20/71	11200		4.41	2		6.46	01/26/70	1	0
1972	07/26/72	1500		13.75						0
1973	05/28/73	995		5.41	2		6.53	03/10/72	1	0
1974	10/11/73	846		4.57	2		6.77	02/28/73	1	0
1975	05/18/75	905		4.38	2		5.26	01/19/74	1	0
1976	07/28/76	942		4.72	2		5.37	03/13/75	1	0
1977	09/30/77	1460		4.59	2		5.50	02/16/76	1	0
1978	03/19/78	5500		5.42	2		6.21	03/09/77	1	0
1979	06/18/79	3320		9.15	2		10.35	03/15/78	1	0
1980	06/16/80	1970		7.15						0
1981	05/30/81	210		5.90	2		5.92	03/08/80	1	0
1982	06/14/82	2410	2	3.76	2		5.72	02/21/81	1	0
1983	05/01/83	7000		6.21			7.33	02/20/82	1	0
				10.40						0

TABLE 72.-- STATION 06452000, WHITE R NEAR OACOMA SD

NOTE: BLANKS INDICATE NO INFORMATION									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING	SQ MI	DRAINAGE AREA: GAGE DATUM:	SQ MI (NGVD)
				LAT.	LONG.				
				434454	0993322		10200	1377.29	5500
						BASE DISCHARGE:			CFS
				GAGE HEIGHT (Ft)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (Ft)	DATE	GAGE- HEIGHT CODES
1929	03/10/29	10800							0
1930	05/13/30	12100							0
1931	10/06/30	5470							0
1932	05/08/32	12100							0
1933	09/01/33	6580							0
1934	06/20/34	5680							0
1935	06/02/35	15800							3
	04/11/35	8100			3				
	04/27/35	14400			3				
	05/21/35	11200			3				
1936	03/05/36	7210							0
1937	06/19/37	8500							2
	07/15/37	5640			3				
	07/20/37	7920			3				
1938	05/20/38	9540							0
1939	05/28/39	6160							0
1940	05/01/40	3140							0
1941	06/12/41	10800							2
	06/02/41	7970			3				
	07/05/41	9960			3				
1942	05/08/42	35300							0
1943	06/01/43	6980							0
1944	06/14/44	14600							0
1945	03/12/45	6200							0
1946	06/20/46	5530							0
1947	06/25/47	11400							0
1948	06/17/48	12200							1
	06/24/48	11400			3				
1949	03/08/49	10200							0
1950	03/31/50	20000							1
	05/10/50	11100			3				
1951	06/21/51	8100							1
	06/08/51	7700			3				
1952	03/30/52	51900							2
	05/24/52	11300			3				
	06/29/52	9970			3				
1953	03/12/53	29900							5
	03/14/53	17700			3				
	03/18/53	10600			3				
	05/03/53	19100			3				
	07/29/53	9360			3				
	08/03/53	9290			3				

TABLE 72.-- STATION 06452000, WHITE R NEAR OACOMA SD--CONTINUED

STATION LOCATOR										
LAT. LONG.										
434454 0993322										
DRAINAGE AREA: 10200 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 1377.29 (NGVD)										
BASE DISCHARGE: 5500 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1954	05/25/54	4990								0
1955	09/22/55	10200								1
	03/12/55	9330			3					
1956	03/09/56	5500								0
1957	05/27/57	12800								4
	03/02/57	9000			3					
	05/22/57	10000			3					
	06/12/57	11000			3					
	07/01/57	7750			3					
1958	04/08/58	6530								0
1959	05/07/59	9020								0
1960	03/27/60	23400		11.43	2		17.07	03/21/60	1	1
	03/23/60	23300		11.40						
1961	06/16/61	6050		6.46						0
1962	07/15/62	23200		11.67	2		12.67	03/27/62	1	7
	03/29/62	8300		8.10	1					
	05/19/62	6320		6.74						
	05/23/62	9420		7.83						
	05/31/62	13500		8.83						
	06/17/62	21300		11.00						
	06/26/62	14700		9.76						
	07/02/62	11400		8.81						
1963	06/18/63	9850		8.02						0
1964	06/20/64	10600		8.43						4
	04/29/64	6760		6.68						
	05/03/64	6790		6.70						
	06/11/64	6880		6.10						
	06/24/64	8720		7.63						
1965	05/20/65	13100		8.69						3
	05/17/65	11000		8.04						
	05/27/65	13000		8.67						
	06/29/65	6980		6.77						
1966	03/13/66	33400		14.24	1					2
	07/25/66	5510		6.18						
	08/21/66	10400		8.12						
1967	06/17/67	19000		10.75	2		12.00	03/15/67		3
	06/13/67	17800		9.48						
	06/19/67	14100		9.45						
	06/26/67	8050		7.42						
1968	06/10/68	27000		12.73						2
	04/24/68	6720		6.80						
	06/28/68	6480		6.36						

TABLE 72.-- STATION 06452000, WHITE R NEAR OACOMA SD--CONTINUED

STATION LOCATOR														DRAINAGE AREA:		10200		SQ MI	
LAT. LONG.														CONTRIBUTING					
434454 0993322														DRAINAGE AREA:		SQ MI			
														GAGE DATUM:		1377.29		(NGVD)	
														BASE DISCHARGE:		5500		CFS	
NOTE: BLANKS INDICATE NO INFORMATION																			
WATER	YEAR	DATE	PEAK	DISCHARGE	DISCHARGE	DISCHARGE	GAGE	GAGE-	HIGHEST	MAX	GAGE	HEIGHT	DATE	GAGE-	HEIGHT	NUMBER OF			
			(CFS)	CODES	CODES	CODES	(FT)	HEIGHT	SINCE	HEIGHT	(FT)	CODES		CODES		PARTIAL PEAKS			
1969		03/23/69	8100				7.48	2			11.90		03/20/69	1		1			
		07/22/69	5700				6.59												
1970		04/26/70	10600				8.40									1			
		06/15/70	7280				7.30												
1971		04/21/71	14300				9.35	2			17.05		03/14/71	1		3			
		04/29/71	8110				7.66												
		05/26/71	6490				7.13												
		06/01/71	6910				7.27												
1972		07/29/72	8360				7.77									2			
		05/14/72	7720				7.58												
		07/26/72	5590				6.96												
1973		05/29/73	6960				7.93									0			
1974		04/23/74	3770				6.55									0			
1975		06/21/75	10200				8.72									2			
		04/09/75	6750				7.75												
		04/30/75	6600				7.70												
1976		05/26/76	4980				7.26									0			
1977		04/14/77	12100				9.79	2			11.46		03/11/77	1		5			
		03/26/77	6430				7.99												
		03/30/77	9010				8.83												
		04/08/77	8940				9.30												
		05/25/77	6630				7.80												
		06/13/77	7900				8.31												
1978		03/14/78	25000				23.59	1								4			
		03/20/78	23100				12.77												
		04/30/78	9900				8.77												
		06/01/78	5770				7.47												
		06/24/78	7930				8.34												
1979		06/26/79	11800				9.52	2			10.15		03/12/79	1		3			
		06/21/79	6950				8.11												
		07/07/79	5850				7.72												
		08/10/79	9660				9.25												
1980		08/19/80	1750				5.81	2			5.98		03/10/80	1		0			
1981		08/08/81	5800				7.83									0			
1982		05/22/82	20600				11.96	2			19.12		02/22/82	1		7			
		02/22/82	5500			9	19.12												
		05/17/82	14900				10.17												
		05/25/82	16300				11.21												
		05/30/82	7460				8.36												
		06/08/82	9400				8.92												
		06/16/82	15000				10.18												
		07/28/82	8100				8.55												

TABLE 72.-- STATION 06452000, WHITE R NEAR OACOMA SD--CONTINUED

STATION LOCATOR
LAT. LONG.
434454 0993322

DRAINAGE AREA:
CONTRIBUTING
10200 SQ MI

DRAINAGE AREA:
SQ MI
1377.29 (NGVD)

GAGE DATUM:
BASE DISCHARGE:
5500 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1983	05/04/83	20900		12.57						4
	10/11/82	7760		8.45						
	05/10/83	11900		10.63						
	05/14/83	15300		11.46						
	06/23/83	6610		8.39						

TABLE 73.-- STATION 06453000, MISSOURI RIVER AT FORT RANDALL DAM SD

NOTE: BLANKS INDICATE NO INFORMATION														
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	26350 SQ MI	SQ MI								
							DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1948	03/26/48	103000												0
1949	04/06/49	182000												0
1950	04/23/50	249000												0
1951	04/08/51	134000												0
1952	04/12/52	447000												0
1953	06/24/53	109000					6							0
1954	09/30/54	34300					6							0
1955	08/05/55	41900					6							0
1956	06/14/56	53400					6							0
1957	06/07/57	44700					6							0
1958	08/11/58	42500					6							0
1959	09/16/59	47400					6							0
1960	06/16/60	87700					6							0
1961	07/15/61	45500					6							0
1962	07/25/62	74400					6							0
1963	07/03/63	52700					6							0
1964	07/22/64	43500					6							0
1965	07/09/65	46600					6							0
1966	06/23/66	40500					6							0
1967	07/25/67	46600					6							0
1968	07/15/68	42700					6							0
1969	08/30/69	52000	1				6							0
1970	10/01/69	48000	1				6							0
1971	08/20/71	47500	1				6							0
1972	11/20/71	50500	1				6							0
1973	10/01/72	48100	1				6							0
1974	07/20/74	42100	1				6							0
1975	09/13/75	60600	1				6							0
1976	10/06/75	60600	1				6							0
1977	08/02/77	41700	1				6							0
1978	09/29/78	51700	1				6							0
1979	10/12/78	53200	1				6							0
1980	08/07/80	41700	1				6							0
1981	11/11/80	39600	1				6							0
1982	09/22/82	33700	1				6							0
1983	11/25/82	39500	1				6							0

TABLE 74.-- STATION 06464500, KEYA PAHA R AT WEWELA SD

STATION LOCATOR										
LAT. LONG.										
430142 0994645										
DRAINAGE AREA: 1070 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 2049.78 (NGVD)										
BASE DISCHARGE: 250 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1939	03/16/39	378								0
1940	04/29/40	239								0
1950	03/25/50	2500		13.50	1					0
1951	07/04/51	262								0
1952	03/31/52	5430		13.08						0
1953	03/15/53	2020								0
1954	03/22/54	400								0
1955	07/29/55	1880								0
1956	03/19/56	460								1
	05/04/56	251								
1957	04/19/57	2160								3
	05/17/57	707								
	06/16/57	680								
	07/01/57	491		3.76						
1958	07/27/58	673		4.18	1					5
	02/24/58	270		3.16						
	03/26/58	280		2.88						
	04/08/58	484		3.62						
	04/25/58	300		3.02						
	07/31/58	420		3.45						
1959	05/29/59	497		3.78						1
	03/19/59	338		3.11						
1960	03/24/60	4210		10.56						4
	04/06/60	700		4.23						
	04/18/60	272		2.86						
	04/30/60	292		2.92						
	05/06/60	634		4.03						
1961	05/18/61	156		2.24	2		4.44	02/18/61	1	0
1962	05/15/62	2950		8.53	1					12
	03/29/62	1300		6.83						
	05/23/62	880		4.68						
	05/30/62	1140		5.22						
	06/06/62	668		4.14						
	06/17/62	1700		6.06						
	06/23/62	917		4.49						
	06/26/62	845		4.33						
	07/01/62	2290		7.13						
	07/05/62	858		4.36						
	07/14/62	2460		7.70						
	07/27/62	422		3.55						
	08/02/62	1190		5.41						
1963	04/11/63	296		2.96	2		3.65	02/08/63	1	1

TABLE 74.-- STATION 06464500, KEWA PAHA R AT WEWELA SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	1070 SQ MI 2049.78 (NGVD) 250 CFS	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.						
1964	03/24/63	288									
	04/28/64	539									1
	05/03/64	481									
1965	05/09/65	383									2
	04/04/65	264									
	07/06/65	253									
1966	03/12/66	1750						03/14/66	1		2
	04/24/66	285									
	07/28/66	368									
1967	06/16/67	960									2
	06/09/67	730									
	06/30/67	366									
1968	04/09/68	492									3
	04/23/68	344									
	06/10/68	320									
1969	07/01/68	386									
	03/24/69	1500						03/24/69	1		1
	04/03/69	599									
1970	04/24/70	401									0
1971	03/14/71	600						03/14/71	1		3
	03/29/71	450									
	04/22/71	294									
1972	04/30/71	302									
	07/17/72	803									1
	05/14/72	515									
1973	05/29/73	556									
	03/01/73	380						02/24/73	1		2
	06/18/73	305									
1974	06/10/74	212									0
1975	04/09/75	328						01/22/74	1		1
	07/23/75	264									
	02/25/76	86									0
1977	06/12/77	1380						02/18/76	1		6
	03/30/77	531									
	04/08/77	441									
1978	04/20/77	727									
	05/10/77	531									
	05/24/77	432									
1978	06/17/77	501									
	03/19/78	2600						03/16/78	1		2
	04/20/78	691									

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 74.-- STATION 06464500, KEWA PAHA R AT WEWELA SD--CONTINUED

STATION LOCATOR
LAT. LONG.
430142 0994645

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

1070 SQ MI
2049.78 (NGVD)
250 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1979	06/17/79	707		4.11	2		4.39	03/14/79	1	0
1980	04/04/80	200		2.26	2		2.39	02/23/80	1	0
1981	07/02/81	711		4.20						0
1982	06/16/82	1700		6.20	2		6.82	02/21/82	1	3
	02/21/82	1000	9	6.82						
	05/16/82	524		3.56						
	05/24/82	418		3.24						
1983	06/23/83	1240		5.35						10
	02/15/83	290		3.00	1					
	03/06/83	413		3.16						
	03/31/83	333		2.98						
	04/17/83	313		2.91						
	05/03/83	1220		5.33						
	05/13/83	784		4.42						
	05/20/83	258		2.82						
	06/15/83	446		3.31						
	06/21/83	820		4.50						
	07/18/83	824		4.51						

TABLE 75.-- STATION 06467500, MISSOURI R AT YANKTON SD

STATION LOCATOR										DRAINAGE AREA:		27950		SQ MI	
LAT. LONG.										CONTRIBUTING				SQ MI	
425158 0972337										DRAINAGE AREA:		1139.68		(NGVD)	
										GAGE DATUM:					
										BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	DISCHARGE	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS				
1881	04/05/81				50.50	1					0				
1931	06/15/31	46500			27.22						0				
1932	06/18/32	124000			29.68	2		34.80	03/22/32	1	0				
1933	05/29/33	111000						28.64	06/28/33		0				
1934	03/03/34	112000			30.30	1					0				
1935	07/16/35	130000			28.90						0				
1936	06/22/36	102000			27.60	2		27.85	03/21/36	1	0				
1937	03/24/37	112000			29.60						0				
1938	04/01/38	146000						30.15	07/12/38	1	0				
1939	04/01/39	176000			30.10						0				
1940	06/15/40	50800			27.42						0				
1941	06/14/41	137000			30.29						0				
1942	05/15/42	126000			30.20						0				
1943	04/08/43	282000			33.60						0				
1944	04/09/44	172700			30.82						0				
1945	03/22/45	98300			27.63	2		28.20	03/12/45	1	0				
1946	06/22/46	87300			28.57						0				
1947	04/03/47	176000			31.00						0				
1948	03/26/48	110000			28.60	2		29.05	03/21/48	1	0				
1949	04/07/49	173000						30.55	04/10/49		0				
1950	04/24/50	237000			31.60						0				
1951	04/07/51	134000			28.43						0				
1952	04/13/52	480000			35.50						0				
1953	06/25/53	112000	6		28.59						0				
1954	06/07/54	38600	6		24.79						0				
1955	08/25/55	38500	6		24.85	2		25.61	03/11/55	1	0				
1956	08/24/56	47000	6		25.05						0				
1957	10/02/56	38600	6					24.62	10/10/56		0				
1958	10/07/57	35300	6					24.07	10/03/57		0				
1959	08/28/59	33900	6					23.59	10/07/58		0				
1960	03/29/60	34700	6								0				
1961	07/06/61	31800	6		23.59			23.00	11/02/60		0				
1962	07/04/62	35900	6		23.33						0				
1963	07/25/63	33800	6		22.80			22.52	08/12/64		0				
1964	08/06/64	34400	6								0				
1965	08/14/65	35000	6		22.66						0				
1966	07/21/66	35800	6		22.68						0				
1967	08/23/67	39600	6		22.76						0				
1968	07/16/68	41200	6		22.81						0				
1969	08/30/69	56000	6					24.12	09/10/69		0				
1970	10/01/69	51200	6		23.62						0				
1971	06/17/71	57200	6		23.62						0				

TABLE 75.-- STATION 06467500, MISSOURI R AT YANKTON SD--CONTINUED

STATION LOCATOR
LAT. LONG.
425158 0972337

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

27950 SQ MI
SQ MI
1139.68 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1972	08/17/72	61400	6		23.39						0
1973	10/01/72	52600	6		22.57						0
1974	07/24/74	38000	6		20.30						0
1975	09/11/75	64300	6		23.24						0
1976	11/05/75	63700	6		23.07	2		23.17	10/06/75		0
1977	12/02/76	42000	6		19.99	2		20.22	10/01/76		0
1978	08/08/78	53900	6		21.21	2		21.26	09/14/78		0
1979	10/12/78	53700	6		21.29						0
1980	11/30/79	41600	6		19.14						0
1981	11/12/80	38700	6		18.75						0
1982	09/28/82	33800	6		17.67	2		19.48	01/23/82	1	0
1983	12/01/82	45100	6		18.78						0

TABLE 76.-- STATION 06471000, JAMES R AT COLUMBIA SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	5840 SQ MI	2520 SQ MI	1270.00 (NGVD)	125 CFS	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.									
1946	05/25/46	121	6											0
1947	05/02/47	1170	6									04/18/47	1	0
1948	05/10/48	1950	6									15.20		0
1949	04/27/49	857	6											0
1950	05/24/50	5420	6											0
1951	04/21/51	1040	6											0
1952	04/17/52	3580	6											0
1953	07/03/53	766	6											0
1954	07/06/54	185	6											0
1955	07/19/55	143	6											0
1956	06/22/56	237	6											0
1957	04/20/57	93	6											0
1958	04/28/58	216	6											0
1959	/ /59	0	6											0
1960	04/29/60	589	6											0
1961	03/19/61	10	6											0
1962	08/19/62	914	6											0
1963	06/15/63	357	6											0
1964	05/11/64	700	6											0
1965	05/02/65	837	6											0
1966	04/03/66	2470	6											0
1967	05/07/67	472	6											0
1968	07/04/68	167	6											0
1969	04/22/69	4670	6											0
1970	12/10/69	417	6											0
1971	07/09/71	145	6											0
1972	04/07/72	708	6											0
1973	11/18/72	80	1											0
1974	07/04/74	128	6											0
1975	07/13/75	1540	6											0
1976	03/26/76	340	6											0
1977	03/18/77	12	6											0
1978	04/10/78	1180	6											0
1979	05/03/79	2340	6											0
1980	04/16/80	293	6											0
1981	04/06/81	98	6											0
1982	04/18/82	960	6											0
1983	04/06/83	853	6											0

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 77.-- STATION 06471200, MAPLE R AT ND-SD STATE LINE

STATION LOCATOR														
LAT. LONG.														
455620 0982708														
DRAINAGE AREA: 750 SQ MI														
CONTRIBUTING DRAINAGE AREA: 480 SQ MI														
GAGE DATUM: 1365.00 (NGVD)														
BASE DISCHARGE: 50 CFS														
NOTE: BLANKS INDICATE NO INFORMATION														
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS				
1957	07/30/57	49								0				
1958	03/03/58	496								2				
	03/06/58	390			3									
	05/16/58	163			3									
1959	/ /59	0								0				
1960	03/29/60	589								2				
	04/09/60	508			3									
	05/29/60	350			3									
1961	03/13/61	45								0				
1962	07/09/62	2030		10.97	3					4				
	03/30/62	1500												
	06/24/62	329		6.48										
	07/02/62	348		6.18										
	08/13/62	56		4.51						2				
1963	06/07/63	270		5.77										
	03/29/63	55		4.61										
	05/27/63	88		4.74						4				
1964	06/26/64	586		7.17										
	05/07/64	149		5.24										
	06/18/64	118		5.10										
	06/21/64	539		6.99										
	07/09/64	220		5.52										
1965	04/13/65	376		6.49	2		7.61	04/08/65	1	0				
1966	03/16/66	2620		12.43						3				
	04/02/66	245		5.96										
	08/03/66	1090		8.66										
	08/16/66	79		4.80						3				
1967	05/03/67	281		5.97										
	03/11/67	60												
	03/29/67	60		4.63										
	04/23/67	263		5.89						1				
1968	05/15/68	116		5.04										
	06/30/68	72		4.66										
1969	04/11/69	5930		15.22	2		16.05	04/11/69	1	2				
	05/16/69	91		4.82										
	06/30/69	60		4.51						0				
1970	04/28/70	92		4.70						3				
1971	03/18/71	125		5.66	1									
	06/22/71	61		4.66										
	06/30/71	59		4.60										
	07/04/71	81		4.83										
1972	03/18/72	2200		11.44	1					1				

TABLE 77.-- STATION 06471200, MAPLE R AT ND-SD STATE LINE--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		750	SQ MI					
LAT.	LONG.	CONTRIBUTING								
455620 0982708		DRAINAGE AREA:		480	SQ MI					
		GAGE DATUM:		1365.00	(NGVD)					
		BASE DISCHARGE:		50	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	05/18/72	67		4.57						
1973	09/28/73	131		5.19	2		5.79	02/18/73	1	0
1974	03/07/74	194		5.47						2
	05/24/74	158		5.29						
	06/07/74	59		4.53						
1975	07/02/75	944		8.71						3
	04/22/75	550		8.28						
	05/01/75	540		7.55						
	06/21/75	661		7.98						
1976	03/22/76	515		7.36						1
	02/29/76	60								
1977	03/13/77	37								
1978	03/25/78	1800		4.30	2		5.10	03/20/77	1	0
	04/28/78	76					14.21	03/24/78	1	4
	05/17/78	80		4.95						
	06/30/78	174		4.98						
	07/03/78	756		5.99						
1979	04/20/79	2340		8.45						
				11.32						0
1980	04/01/80	31		4.27						0
1981	07/17/81	188		5.97						0
1982	04/02/82	2280	9							3
	03/14/82	180	9	11.06						
	04/15/82	379		6.59						
	05/20/82	81		4.72						
1983	03/09/83	850	9	9.76	1					1
	04/03/83	196	9	5.65						

TABLE 78.--- STATION 06471500, ELM R AT WESTPORT SD

STATION LOCATOR
LAT. LONG.
453922 0982948

DRAINAGE AREA:
CONTRIBUTING 1680 SQ MI
DRAINAGE AREA: 1170 SQ MI
GAGE DATUM: 1309.30 (NGVD)
BASE DISCHARGE: 100 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1947	04/14/47	2100		11.45						0
1948	03/29/48	2870		12.51						1
	03/13/48	400		8.27	1					
1949	04/02/49	840		8.20	2		8.25	03/12/49	1	1
	03/12/49	450		8.25	1					
1950	05/11/50	1870		10.79	2		11.74	04/06/50	1	4
	03/28/50	400		8.12	1					
	04/06/50	1400		11.74	1					
	04/20/50	314		6.50						
	05/23/50	329		6.76						
1951	04/02/51	550		9.40	1					0
1952	04/08/52	7520		20.10						0
1953	06/20/53	1420		10.00						2
	03/19/53	700		8.68	1					
	06/24/53	1320		9.73						
1954	06/14/54	1560		10.50						0
1955	07/16/55	453	5	7.08	2		7.62	03/19/55	1	4
	03/12/55	160	5	6.40	1					
	03/19/55	300	5	7.62	1					
	04/04/55	168	5	5.91						
	07/12/55	220	5	6.12						
1956	04/15/56	111	5	5.56	2		5.57	03/22/56	1	0
1957	09/03/57	89	5	5.54						0
1958	03/04/58	1060	5	9.20						3
	02/28/58	537	5	7.52						
	03/07/58	676	5	7.98						
	05/17/58	207	5	6.26						
1959	07/15/59	39	5	4.95						0
1960	04/09/60	1170	5	8.88	2		11.26	03/29/60	1	2
	03/29/60	1100	5	11.26	1					
	05/30/60	549	5	7.17						
1961	03/28/61	34	5	4.89						0
1962	07/10/62	2670	5	12.85	2		13.56	03/31/62	1	4
	03/31/62	2100	5	13.52	1					
	06/20/62	343	5	6.58						
	06/25/62	645	5	7.53						
	07/23/62	396	5	6.70						
1963	06/09/63	348	5	6.78						1
	05/29/63	151	5	5.80						
1964	06/22/64	2660	5	13.09						2
	05/05/64	2090	5	11.43						
	07/09/64	1750	5	10.71						

TABLE 78.-- STATION 06471500, ELM R AT WESTPORT SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING	1680 SQ MI	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.	DRAINAGE AREA: 1170 SQ MI								
				453922	0982948	GAGE DATUM: 1309.30 (NGVD)								
						BASE DISCHARGE: 100 CFS								
NOTE: BLANKS INDICATE NO INFORMATION														
1965	04/09/65	845	5					9.82	1					1
	05/29/65	123	5					5.57						
1966	03/17/66	5020	5					17.40						1
	08/04/66	904	5					8.08						
1967	05/05/67	542	5					7.15						1
	04/24/67	430	5					6.78						
1968	05/18/68	126	5					5.65						0
1969	04/10/69	12600	5					22.11						3
	05/19/69	118	5					5.67						
	06/30/69	406	5					6.93						
	08/04/69	102	5					5.57						
1970	04/29/70	91	5					5.46						0
1971	07/04/71	254	5					6.35						2
	03/14/71	184	5					6.05						
	03/20/71	239	5					6.31						
1972	03/19/72	4000	5					15.86	1					1
	05/16/72	209	5					5.97						
1973	07/01/73	24	5					4.77	2			03/26/73		0
1974	03/11/74	138	5					5.79						2
	03/03/74	128	5					5.73						
	05/26/74	120	5					5.65						
1975	06/23/75	3950	5					14.79						3
	04/23/75	848	5					7.92						
	04/27/75	691	5					7.64						
	07/03/75	1020	5					8.70						
1976	03/23/76	472	5					7.04						1
	03/03/76	117	5					5.52						
1977	03/17/77	67	5					4.96						0
1978	03/28/78	3700	5					17.20	2			03/27/78	1	4
	05/15/78	217	5					5.98						
	06/16/78	186	5					5.86						
	06/30/78	370	5					6.68						
	07/04/78	1390	5					9.70						
1979	04/21/79	3350	5					13.95						0
1980	03/30/80	35	5											0
1981	07/20/81	122	5					5.53						0
1982	04/03/82	4300	5					16.24	1					3
	03/16/82	140	5					5.99	1					
	03/25/82	240	5					6.68	1					
	04/16/82	769	5					7.86						
1983	03/10/83	1050	5					9.31	1					1
	04/04/83	409	5					6.72						

TABLE 79.-- STATION 06472000, JAMES R NEAR STRATFORD SD

STATION LOCATOR										DRAINAGE AREA:		8780	SQ MI
LAT. LONG.										CONTRIBUTING			
451430 0982328										DRAINAGE AREA:		SQ MI	
										GAGE DATUM:		1254.29	(NGVD)
										BASE DISCHARGE:		125	CFS
NOTE: BLANKS INDICATE NO INFORMATION													
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT SINCE	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS				
1950	05/14/50	5580							0				
1951	05/09/51	870							0				
1952	04/19/52	4970		18.13					0				
1953	07/13/53	718		15.16					0				
1954	06/28/54	321		11.33					0				
1955	07/28/55	185		9.63					0				
1956	07/06/56	177		9.55					0				
1957	06/18/57	153		9.06					0				
1958	03/26/58	277		12.25	1				0				
1959	/ /59	0							0				
1960	05/12/60	362		13.76					0				
1961	04/07/61	14					05/30/61	6.01	0				
1962	08/12/62	861					08/14/62	15.77	0				
1963	06/28/63	314		11.65					0				
1964	07/23/64	650		14.62					0				
1965	05/23/65	816		15.33					0				
1966	04/10/66	2400		16.75					0				
1967	05/16/67	656		14.90					0				
1968	05/27/68	245		10.18					0				
1969	04/24/69	4880		18.10	2		04/24/69	18.18	1				
1970	04/28/70	389		12.47					0				
1971	07/16/71	198		9.81					0				
1972	04/12/72	982		15.44					0				
1977	04/10/77	29	1						0				

TABLE 80.-- STATION 06472500, MUD CR NEAR STRATFORD SD

STATION LOCATOR		DRAINAGE AREA:		730	SQ MI					
LAT.	LONG.	CONTRIBUTING								
451613 0981716		DRAINAGE AREA:		460	SQ MI					
		GAGE DATUM:		1270.00	(NGVD)					
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	04/15/56	12								0
1957	03/28/57	95								0
1958	/ /58	2								0
1959	04/04/59	2								0
1960	04/04/60	196								0
1961	05/14/61	7								0
1962	03/28/62	637								0
1963	06/01/63	10								0
1964	05/04/64	14								0
1965	05/29/65	203								0
1966	03/20/66	331			5.06					0
1967	04/22/67	183			6.46					0
1968	04/22/68	22			4.64					0
1969	04/10/69	1180					2.94	04/13/68	1	0
1970	04/26/70	64			7.92					0
1971	03/20/71	55			3.50					0
1972	08/03/72	501			3.85	1				0
1973	03/12/73	62			7.35					0
1977	/ /77	1			3.48					0
					2.30			-		0

TABLE 81.-- STATION 06473000, JAMES R AT ASHTON SD

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA: 9800 SQ MI
GAGE DATUM: 5290 SQ MI
BASE DISCHARGE: 1244.40 (NGVD)
200 CFS

STATION LOCATOR
LAT. LONG.
445954 0982850

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	03/28/46	494								0
1947	05/22/47	786								0
1948	05/16/48	1110								0
1949	05/21/49	579								0
1950	05/19/50	5170								0
1951	05/18/51	840								0
1952	04/23/52	4860								0
1953	08/04/53	1000								0
1954	06/30/54	317								0
1955	07/30/55	194								0
1956	07/07/56	204								0
1957	06/22/57	170								0
1958	03/30/58	373								0
1959	/ /59	0		7.46						0
1960	04/10/60	520		12.04	2		12.96	04/04/60	1	0
1961	05/25/61	16		4.52						0
1962	08/30/62	805		10.08	2		12.37	04/03/62	1	0
1963	06/30/63	320		6.51						0
1964	07/28/64	663		8.60						0
1965	05/28/65	900		10.19						0
1966	04/14/66	2170		15.16						0
1967	05/11/67	722		9.24	2		9.26	05/16/67		0
1968	05/30/68	259		5.99						0
1969	04/24/69	5680		20.63	2		21.17	04/13/69	1	0
1970	04/28/70	444		7.66						0
1971	07/19/71	195		5.43	2		5.49	03/31/71		0
1972	04/19/72	800		9.95	2		11.21	03/20/72	1	0
1973	03/17/73	130		5.22	1					0
1974	06/10/74	132		5.12						0
1975	08/09/75	1130	1							0
1976	04/07/76	393		6.87						0
1977	03/16/77	98		5.21	1					0
1978	04/18/78	1680		14.06	2		16.17	04/02/78	1	0
1979	05/18/79	2060		14.86						0
1980	11/13/79	295					6.51	11/29/79	1	0
1981	04/16/81	68		4.13	2		4.93	12/01/80	1	0
1982	05/05/82	1000	9	11.03						0
1983	04/24/83	828		10.02						0

TABLE 83.-- STATION 06473700, SNAKE CR NEAR ASHTON SD

DRAINAGE AREA: 2620 SQ MI
 CONTRIBUTING
 DRAINAGE AREA: 1770 SQ MI
 GAGE DATUM: 1265.00 (NGVD)
 BASE DISCHARGE: 75 CFS

STATION LOCATOR
 LAT. LONG.
 450150 0983426

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/29/56	16								0
1957	06/28/57	77								0
1958	03/29/58	112		7.60						0
1959	/ /59	0								0
1960	04/09/60	1150		12.87						1
	04/02/60	897		12.22						
1961	03/21/61	16		7.22	1					0
1962	03/31/62	891		12.87						2
	05/22/62	132		8.69						
	06/20/62	256		10.27						
1963	04/30/63	3		4.93						0
1964	05/12/64	134		8.26						1
	05/06/64	117		7.85						
1965	05/24/65	121		8.04						0
1966	03/20/66	1210		13.69						2
	06/28/66	96		6.93						
	07/17/66	249		9.43						
1967	03/11/67	180					10.15	03/09/67		1
	06/25/67	92		6.82						
1968	04/25/68	127		7.55						0
1969	04/10/69	6980		17.21						5
	05/04/69	254		8.74						
	05/10/69	292		9.12						
	05/17/69	203		8.18						
	06/30/69	143		8.30						
	07/17/69	226		9.21						
	04/20/70	178		7.57						0
1970	03/15/71	20		5.50	1					0
1971	03/19/72	1410		13.97						0
1972	03/31/78	3030		16.20						3
1978	05/08/78	85		7.80						
	06/03/78	167		9.69						
	07/11/78	121		9.20						
1979	03/23/79	150		10.98	1					2
	04/24/79	108		7.82						
	09/05/79	90		7.69						

TABLE 84.-- STATION 06473750, WOLF CR NEAR REE HEIGHTS SD

NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
STATION LOCATOR LAT. LONG. 443625 0991354				DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:		265 SQ MI SQ MI 1614.16 (NGVD) 40 CFS				
1960	03/30/60	842	5	9.18						0
1961	05/17/61	8	5	4.15						0
1962	08/10/62	23	5	5.44	2		6.98	03/27/62	1	0
1963	/ /63	0	5							0
1964	/ /64	0	5							0
1965	06/02/65	9	5	5.44						0
1966	03/18/66	395	5	7.98	2		9.57	03/14/66	1	2
	03/28/66	76	5	6.35						
	04/07/66	149	5	6.81						
1967	04/01/67	121	5	6.83	2		7.15	03/12/67	1	2
	03/28/67	58	5	6.41						
	06/18/67	96	5	6.66						
1968	08/07/68	17	5	5.78						0
1969	04/05/69	990	5	9.33						2
	04/16/69	168	5	6.81						
	04/28/69	84	5	6.28						
1970	04/19/70	51	5	6.16						1
	04/30/70	50	5	6.00						
1971	/ /71	0	5							0
1972	03/17/72	210	5	7.52						1
	05/13/72	40	5	6.16						
1973	03/21/73	22	5	6.11	2		6.17	03/07/73		0
1974	/ /74	0	5							0
1975	05/14/75	18	5							0
1976	/ /76	0	5	5.89	2		6.86	04/14/75	1	0
1977	03/30/77	1	5	4.89						0
1978	03/25/78	334	5	7.83						3
	04/23/78	54	5	6.07						
	05/04/78	123	5	6.57						
	05/30/78	58	5	6.16						
1979	/ /79	0	5							0
1980	/ /80	0	5							0
1981	/ /81	0	5							0

TABLE 86.-- STATION 06474300, MEDICINE CR NEAR ZELL SD

STATION LOCATOR		DRAINAGE AREA:		210 SQ MI						
LAT.	LONG.	CONTRIBUTING	SQ MI							
444552	0984213	DRAINAGE AREA:	SQ MI							
		GAGE DATUM:	1320.00 (NGVD)							
		BASE DISCHARGE:	40 CFS							
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1960	04/01/60	703		9.20	2		9.70	03/30/60	1	0
1961	05/18/61	56		5.24						0
1962	06/18/62	425		8.34	2		9.01	03/30/62	1	3
	03/30/62	350		9.01	1					
	04/08/62	46		5.34						
	05/16/62	155		6.84						
1963	07/26/63	17		3.84	2		4.05	03/20/63	1	0
1964	05/04/64	128		6.47						0
1965	05/15/65	136		6.59						0
1966	03/14/66	1250		10.28						1
	07/15/66	449		8.39						
1967	03/04/67	300		8.46	1					4
	04/19/67	45		4.98						
	05/04/67	41		4.88						
	06/21/67	198		7.04						
	07/11/67	78		5.63						
1968	04/23/68	85		5.75						0
1969	04/05/69	2210		12.41						1
	07/19/69	168		6.81						
1970	04/20/70	90		5.69			5.17	03/02/71	1	0
1971	03/15/71	10								0
1972	03/15/72	943		9.81						4
	05/02/72	68		5.65						
	05/05/72	73		5.82						
	05/14/72	81		5.96						
	06/02/72	61		5.44						
1973	02/26/73	287		7.67						0
1974	05/25/74	5		3.03	2		3.31	02/15/74	1	0
1975	04/13/75	50		5.40	2		6.40	04/12/75	1	0
1976	02/18/76	7		5.12	1					0
1977	03/13/77	90		7.02	1					1
	03/15/77	67		6.04						
1978	03/22/78	1790		10.79						1
	05/31/78	220		7.22						
1979	03/21/79	100		6.84	1					2
	08/14/79	56		5.84						
	09/02/79	42		5.42						
1980	04/18/80	4					3.90	03/15/80	1	0
1981	08/01/81	2.30		3.05						0

TABLE 87.-- STATION 06474500, TURTLE CR AT REDFIELD SD

STATION LOCATOR		DRAINAGE AREA:		1540		SQ MI				
LAT.	LONG.	CONTRIBUTING								
445300 0983046		DRAINAGE AREA:		1259.30		SQ MI (NGVD)				
		GAGE DATUM:		50		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1946	07/10/46	24	5							0
1947	04/11/47	60	5							0
1948	03/23/48	3160	5							2
	06/27/48	255	5		3					
	07/21/48	133	5		3					
1949	03/05/49	45	5							0
1950	03/31/50	2340	5							4
	04/11/50	398	5		3					
	04/30/50	86	5		3					
	05/13/50	296	5		3					
	05/22/50	1020	5		3					
1951	03/31/51	433	5							1
	04/22/51	51	5		3					
1952	04/10/52	6420	5							1
	06/28/52	350	5		3					
1953	03/23/53	577	5							7
	03/14/53	278	5		3					
	03/18/53	393	5		3					
	04/12/53	111	5		3					
	05/07/53	335	5		3					
	06/15/53	78	5		3					
	06/20/53	78	5		3					
	07/28/53	74	5		3					
1954	06/07/54	95	5							0
1955	03/15/55	369	5							2
	03/11/55	108	5		3					
	06/09/55	73	5		3					
1956	06/17/56	51	5							0
1957	04/24/57	451	5							7
	04/20/57	207	5		3					
	05/21/57	65	5		3					
	05/25/57	92	5		3					
	05/29/57	97	5		3					
	06/11/57	55	5		3					
	07/04/57	109	5		3					
1958	07/12/57	154	5		3					3
	04/01/58	402	5							
	03/25/58	68	5		3					
	04/11/58	197	5		3					
1959	04/28/58	57	5		3					0
	07/17/59	21	5							0
1960	03/31/60	2580	5							

TABLE 87.--- STATION 06474500, TURTLE CR AT REDFIELD SD--CONTINUED

STATION LOCATOR										DRAINAGE AREA:		CONTRIBUTING		DRAINAGE AREA:		GAGE DATUM:		BASE DISCHARGE:			
LAT.		LONG.		445300		0983046				1540		SQ MI		1259.30		(NGVD)		50		CFS	
NOTE: BLANKS INDICATE NO INFORMATION																					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT (FT)	NUMBER OF PARTIAL PEAKS										
1961	05/18/61	64	5								0										
1962	04/05/62	556	5								7										
	04/08/62	225	5		3																
	05/22/62	289	5		3																
	05/30/62	103	5		3																
	06/08/62	120	5		3																
	06/24/62	379	5		3																
	07/01/62	222	5		3																
	07/11/62	301	5		3																
1963	10/27/62	3	5								0										
1964	07/11/64	47	5								0										
1965	07/18/65	50	5								0										
1966	03/17/66	1700	5								3										
	04/17/66	60	5																		
	07/02/66	63	5																		
	07/13/66	59	5								5										
1967	03/26/67	301	5																		
	04/11/67	63	5																		
	06/15/67	249	5																		
	06/19/67	74	5																		
	06/25/67	187	5																		
	07/11/67	57	5																		
1968	04/20/68	17	5								0										
1969	04/07/69	7660	5								2										
	03/18/69	181	5																		
	05/04/69	125	5																		
1970	04/20/70	96	5		2						2										
	03/05/70	73	5																		
	04/25/70	80	5																		
1971	06/19/71	24	5								0										
1972	03/18/72	1200	5		1						3										
	05/02/72	60	5																		
	05/19/72	349	5																		
	07/21/72	53	5																		

TABLE 88.-- STATION 06475000, JAMES R NEAR REDFIELD SD

STATION LOCATOR										
LAT. LONG.		DRAINAGE AREA:		13600		SQ MI				
		CONTRIBUTING								
		DRAINAGE AREA:		8680		SQ MI				
		GAGE DATUM:		1239.20		(NGVD)				
		BASE DISCHARGE:		300		CFS				
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1950	05/22/50	5290		20.68						0
1951	05/18/51	831		8.32	2		8.87	04/02/51	1	0
1952	04/11/52	6100		22.12						0
1953	03/24/53	1350		10.47	2		11.19	03/18/53	1	0
1954	07/05/54	330		5.78	2		7.77	03/27/54	1	0
1955	03/16/55	525		9.67	2		10.01	07/30/55	1	0
1956	05/27/56	293		5.53						0
1957	04/24/57	477		6.76	2		8.60	04/22/57	1	0
1958	04/01/58	719		8.56						0
1959	03/04/59	22		3.43						0
1960	04/04/60	2960		18.47						0
1961	05/19/61	65		4.78						0
1962	04/04/62	2000		16.54	2		16.60	03/31/62	1	0
1963	07/03/63	314		6.32						0
1964	07/30/64	610		7.98						0
1965	05/25/65	1040		9.94						0
1966	03/21/66	2460		15.03	2		16.90	03/18/66	1	0
1967	06/13/67	1110		10.49						0
1968	05/01/68	367		6.85	2		6.99	05/01/68		0
1969	04/13/69	7310		24.93						0
1970	04/22/70	642		8.49						0
1971	07/24/71	200		6.05						0
1972	03/20/72	2050		15.19	1					0
1973	03/10/73	500	1				9.67	03/06/73	1	0
1974	05/21/74	213		6.05						0
1975	08/06/75	1030		10.49						0
1976	04/09/76	450		7.49						0
1977	03/13/77	350		10.19	1					0
1978	03/28/78	3800					20.58	03/26/78	1	0
1979	05/18/79	2060								0
1980	04/21/80	350		7.15						0
1981	12/21/80	48	2	4.81	1					0
1982	05/03/82	1030	9	8.74						0
1983	04/25/83	895		8.28						0

TABLE 90.--- STATION 06476000, JAMES R AT HURON SD

DRAINAGE AREA: 15600 SQ MI
 CONTRIBUTING
 DRAINAGE AREA: 10490 SQ MI
 GAGE DATUM: 1223.44 (NGVD)
 BASE DISCHARGE: 500 CFS

STATION LOCATOR
 LAT. LONG.
 442149 0981156

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1881	/ /81						19.80	04/0 /81		0
1922	/ /22						16.50	03/22/22		0
1929	03/20/29	2650								0
1930	05/13/30	560								0
1931	04/24/31	345								0
1932	03/04/32	650								0
1944	03/31/44	2460		10.48						2
	04/08/44	1920		9.66						
	05/14/44	1270		8.90						
1945	03/21/45	1920		9.68						1
	06/06/45	1450		9.06						
1946	03/21/46	1850		9.60						0
1947	04/11/47	1360		9.00						0
1948	03/27/48	4630		14.48						1
	05/20/48	1220		8.84						
1949	05/18/49	672		8.44						0
1950	05/24/50	4840		14.30						1
	04/07/50	3020		12.18	1					
1951	04/05/51	900		8.70						0
1952	04/15/52	5580		15.23						1
	06/30/52	1440		9.12						
1953	08/06/53	2690		10.86						1
	03/20/53	1950		9.74						
1954	07/06/54	373		8.24						0
1955	03/13/55	835		8.65	2		9.60	03/15/55	1	0
1956	08/04/56	984		8.76						0
1957	05/26/57	674		8.52						0
1958	04/02/58	809		8.63						0
1959	04/02/59	51		7.78						0
1960	04/02/60	6050		15.42						0
1961	05/14/61	318		9.26						0
1962	04/02/62	6250		15.80						3
	05/24/62	2590		11.59						
	06/11/62	1820		10.30						
	06/24/62	1920		10.48						
1963	04/29/63	708		9.42						0
1964	07/28/64	704		9.54						0
1965	05/25/65	1000		9.81						0
1966	03/22/66	3120		12.15						0
1967	06/19/67	2670		11.28						0
1968	04/23/68	517		9.38						0
1969	04/13/69	9000		16.70						0

TABLE 90.-- STATION 06476000, JAMES R AT HURON SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		15600 SQ MI						
LAT. LONG.		CONTRIBUTING								
442149 0981156		DRAINAGE AREA:		10490 SQ MI						
		GAGE DATUM:		1223.44 (NGVD)						
		BASE DISCHARGE:		500 CFS						
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	03/05/70	1840		9.97						0
1971	03/14/71	674		8.84	2		9.03	07/24/71		0
1972	03/23/72	2490		11.27						0
1973	03/07/73	1060		9.19						0
1974	06/09/74	193		9.06						0
1975	08/08/75	1190		9.31						0
1976	11/12/75	450		8.63	2		9.07	11/21/75	1	0
1977	03/14/77	1950		11.93	1					0
1978	03/30/78	5820		15.22						0
1979	05/19/79	2130		10.62						0
1980	06/04/80	548		9.38						0
1981	04/13/81	143		8.99						0
1982	05/11/82	1150		10.11						0
1983	04/13/83	929		9.99						0

TABLE 91.-- STATION 06476500, SAND CR NEAR ALPENA SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	240 SQ MI	SQ MI SQ MI (NGVD) 50 CFS	DATE	GAGE-- HEIGHT CODES	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.							
1950	03/28/50	1000								14.10	1	0
1951	03/28/51	750								11.70	1	3
	05/21/51	285								9.52		
	06/05/51	128								8.87		
	07/01/51	363								9.82		
1952	04/03/52	1130								12.68	1	1
	04/09/52	1050								12.30		
1953	07/12/53	504								10.82		2
	/ /53	190								10.22	1	
	06/09/53	434								10.63		
1954	06/17/54	136								9.43		1
	06/11/54	64								8.85		
1955	03/12/55	788								12.10		0
1956	08/03/56	145								9.78		0
1957	07/04/57	231								10.91		4
	03/24/57	70								9.55	1	
	04/22/57	169								9.58		
	05/22/57	60								8.77		
	05/25/57	86								9.08		
1958	03/26/58	315								10.89		1
	04/08/58	181								9.91		
1959	04/20/59	1							03/02/59	1		0
1960	03/28/60	2240							6.70			3
	04/07/60	641								13.35		
	04/12/60	61								11.43		
	04/14/60	61								8.95		
1961	06/14/61	332								8.95		0
1962	03/31/62	1000								10.56		
	05/19/62	51								12.96	1	7
	05/23/62	880								8.66		
	05/29/62	218								11.77		
	06/09/62	680								9.74		
	06/17/62	199								11.37		
	07/04/62	506								9.71		
	07/13/62	106								10.86		
1963	03/23/63	17								8.94		0
1964	05/05/64	37								7.98		0
1965	05/21/65	191								8.39		0
1966	03/13/66	1290								9.90		0
1967	06/20/67	1510							03/12/66	1		2
	03/13/67	104							12.89			
	07/11/67	279								12.47	2	
										12.84		
										9.72		
										10.72		

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 91.-- STATION 06476500, SAND CR NEAR ALPENA SD--CONTINUED

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING SQ MI	240 SQ MI	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.	DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:				
				440915	0982606	1315.00 (NGVD) 50 CFS				
NOTE: BLANKS INDICATE NO INFORMATION										
1968	04/25/68	29								0
1969	04/05/69	2220								0
1970	04/21/70	253								1
	03/05/70	175								
1971	03/15/71	400								0
1972	05/14/72	930								4
	03/10/72	275								
	03/13/72	600								
	05/02/72	189								
1973	05/24/72	53								
	03/02/73	350								4
	01/18/73	175								
	01/23/73	70								
	02/25/73	300								
	03/16/73	79								
1974	02/20/74	45								0
1975	04/12/75	36								0
1976	03/20/76	3								0
1977	03/15/77	158								0
1978	03/22/78	907								0
1979	04/15/79	5								0
1980	04/23/80	0.74								0
1981	/ /81	0								0
1982	03/01/82	35	9							0
1983	05/15/83	45								0

TABLE 92.-- STATION 06477000, JAMES R NEAR FORESTBURG SD

STATION LOCATOR										DRAINAGE AREA:		17400		SQ MI	
LAT. LONG.										CONTRIBUTING					
435826 0980414										DRAINAGE AREA:		12290		SQ MI	
										GAGE DATUM:		1208.34		(NGVD)	
										BASE DISCHARGE:		500		CFS	
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS				
1920	03/ /20			18.00	1						0				
1922	03/ /22			18.00	1						0				
1950	05/30/50	5180		15.06							2				
	05/27/50	5180		15.06											
	05/30/50	5180		15.06											
1951	03/31/51	1600		10.84	1						1				
	07/01/51	1230		8.67											
1952	04/16/52	6290		15.46							1				
	07/02/52	1220		8.62											
1953	03/19/53	2080		11.17							1				
	08/12/53	2060		11.10											
1954	07/06/54	332		4.86							0				
1955	03/19/55	1210		9.69	1						0				
1956	08/06/56	920		7.19							0				
1957	05/30/57	864		7.02							0				
1958	04/06/58	924		7.21							0				
1959	06/13/59	80		3.35							0				
1960	04/02/60	10900		16.27							0				
1961	03/06/61	702		7.24	1						0				
1962	03/31/62	12000		16.40							3				
	04/05/62	8280		15.87											
	05/26/62	5000		14.97											
	06/12/62	4390		14.67											
1963	10/01/62	599		6.17							0				
1964	08/04/64	561		5.83							0				
1965	05/29/65	1010		7.78							0				
1966	03/16/66	2800		12.78	2		13.00	03/15/66	1		0				
1967	06/22/67	1910		10.93							0				
1968	05/10/68	372		4.79							0				
1969	04/09/69	12500		17.16							0				
1970	03/09/70	1320		11.39	1						0				
1971	03/18/71	980		11.40	1						0				
1972	05/31/72	2990					13.55	06/01/72			0				
1973	03/07/73	2770		13.05							0				
1974	03/07/74	280		4.90	1						0				
1975	08/09/75	1040		8.12							0				
1976	04/12/76	308		4.88	2		5.82	11/21/75	1		0				
1977	03/15/77	4050		13.85							0				
1978	04/02/78	4830		15.24							0				
1979	05/22/79	1920		11.21							0				
1980	04/27/80	336					5.24	12/01/79	1		0				
1981	04/06/81	63			2		3.20	04/03/81			0				
1982	05/15/82	1050		8.37							0				
1983	04/14/83	925		7.87							0				

TABLE 93.-- STATION 06477150, ROCK CR NEAR FULTON SD

STATION LOCATOR		DRAINAGE AREA:		270		SQ MI				
LAT. LONG.		CONTRIBUTING								
434539 0975425		DRAINAGE AREA:		1232.08		SQ MI				
		GAGE DATUM:		50		CFS				
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1967	06/17/67	625		7.22						1
	06/21/67	303		5.65						
1968	06/08/68	6		2.42						0
1969	04/07/69	2040		10.21						0
1970	03/07/70	199		5.23						0
1971	03/15/71	900		9.18	1					0
1972	06/24/72	277		5.37						6
	03/15/72	154		5.01						
	05/06/72	55		4.13						
	05/16/72	51		4.30						
	05/25/72	91		4.46						
	05/27/72	158		4.87						
	05/28/72	138		4.73						
	03/06/73	450		7.03	1					0
1973										0
1974	/ /74	3								0
1975	04/10/75	25		4.25	1					0
1976	03/12/76	5								0
1977	03/16/77	800		9.20	1					0
1978	03/ /78	500		9.13	1					0
1979	04/ /79	25		4.31	1					0

TABLE 94.-- STATION 06477500, FIRESTEEL CR NEAR MOUNT VERNON SD

STATION LOCATOR																	
LAT. LONG.																	
434630 0981433																	
DRAINAGE AREA: 540 SQ MI																	
CONTRIBUTING																	
DRAINAGE AREA: SQ MI																	
GAGE DATUM: 1297.22 (NGVD)																	
BASE DISCHARGE: 100 CFS																	
NOTE: BLANKS INDICATE NO INFORMATION																	
WATER	PEAK	DISCHARGE	DISCHARGE	GAGE	GAGE--	HIGHEST	MAX GAGE	DATE	GAGE--	NUMBER OF							
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	SINCE	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS							
	(CFS)		(FT)	(FT)	CODES		(FT)		CODES								
1956	08/06/56	174		4.60						0							
1957	07/08/57	539		6.60						3							
	03/26/57	110		4.00	1												
	05/24/57	519		6.14													
	05/27/57	523		6.18													
1958	03/27/58	416		5.66						1							
	04/08/58	189		4.48													
1959	03/02/59	1		2.90	1					0							
1960	03/28/60	5780		15.13						0							
1961	06/16/61	225		4.76						0							
1962	06/17/62	3800		13.25	2		16.85	03/31/62	1	9							
	03/31/62	3600		16.85	1												
	05/18/62	1900		10.70													
	05/23/62	1440		9.75													
	05/30/62	1820		10.55													
	06/09/62	3170		12.61													
	08/06/62	268		5.07													
	08/10/62	466		6.13													
	08/13/62	271		5.09													
	08/17/62	216		4.76													
1963	03/27/63	29		2.94						0							
1964	05/07/64	145		4.22						0							
1965	06/06/65	10		2.55						0							
1966	03/13/66	1150		8.78	2		9.05	03/13/66	1	0							
1967	06/20/67	1190		9.00						1							
	06/16/67	542		6.60													
1968	07/30/68	166		4.58						0							
1969	04/04/69	6610		15.34	2		17.12	04/03/69	1	0							
1970	04/22/70	320		5.60	2		5.76	03/06/70	1	1							
	03/06/70	300															
1971	03/17/71	900					9.47	03/15/71	1	1							
	03/30/71	173															
1972	05/15/72	1100		4.87						4							
	03/11/72	580		8.70													
	03/17/72	482		6.74													
	05/04/72	781		7.70													
	05/29/72	547		6.85													
1973	03/01/73	700					9.35	02/25/73	1	0							
1974	06/12/74	204		5.32						0							
1975	04/08/75	2		2.86						0							
1976	05/23/76	2		2.78						0							
1977	03/14/77	900		8.86	1					0							

TABLE 94.-- STATION 06477500, FIRESTEEL CR NEAR MOUNT VERNON SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		540 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
434630 0981433		DRAINAGE AREA:		1297.22 (NGVD)				
		GAGE DATUM:		100 CFS				
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1978	03/21/78	2280		11.61				1
	05/29/78	131		4.66				
1979	03/07/79	10		3.86	1			0
1980	06/27/80	1		2.95				0
1981	08/04/81	16		3.46				0
1982	02/27/82	350	9	7.60				2
	03/01/82	150		6.05				
	05/31/82	287		6.22				
1983	04/19/83	172		5.06				2
	10/14/82	163		4.98				
	04/03/83	154		4.94				

TABLE 95.-- STATION 06478000, JAMES R NEAR MITCHELL SD

STATION LOCATOR
LAT. LONG.
434136 0975754

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
BASE DISCHARGE:

18600 SQ MI
SQ MI
1198.00 (NGVD)
800 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1954	06/21/54	754								0
1955	03/12/55	2300								0
1956	08/08/56	770								0
1957	05/30/57	1160								0
1958	04/01/58	1160								0
1966	03/23/66	2750		12.98						0
1967	06/24/67	2230		11.72						0
1968	05/11/68	360		5.28						0
1969	04/11/69	13800		18.32						0
1970	04/25/70	1300		9.33	2		10.46	03/14/70	1	0
1971	03/18/71	1850		12.80	1					0
1972	05/30/72	4010		14.98						0

TABLE 96.-- STATION 06478500, JAMES R NEAR SCOTLAND SD

STATION LOCATOR										
LAT. LONG.										
431109 0973807										
DRAINAGE AREA: 20300 SQ MI										
CONTRIBUTING 15190 SQ MI										
DRAINAGE AREA: 1168.07 (NGVD)										
GAGE DATUM: 1000 CFS										
BASE DISCHARGE:										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1929	03/31/29	2970		11.92						2
	04/26/29	1670		8.28						
	05/30/29	1850		8.80						
1930	05/12/30	856		5.63						0
1931	04/28/31	289		3.12						0
1932	03/02/32	2500		11.40						1
	03/29/32	1450		7.64						
1933	07/23/33	441		4.08						0
1934	09/25/34	1110		7.22						0
1935	06/29/35	296		3.12						0
1936	05/23/36	2240		10.29	2					0
1937	08/20/37	2180		10.72			8.30	03/10/36	1	3
	03/20/37	1040		6.69						
	04/25/37	1140		7.06						
	06/27/37	1480		8.42						
1938	03/03/38	2100		10.52						1
	05/25/38	1360		7.67						
1939	04/01/39	622		4.82						0
1940	06/24/40	910		5.94						0
1941	03/10/41	710		4.99						0
1942	05/15/42	10800		15.50						3
	06/21/42	1490		8.51						
	07/10/42	1520		8.56						
	08/05/42	1260		7.62						
1943	04/14/43	3110		12.65						3
	03/08/43	1350		8.00						
	06/12/43	2030		10.28						
	06/16/43	2250		10.86						
1944	06/13/44	5270		14.14						8
	03/16/44	1100		11.30	1					
	04/01/44	2370		11.19						
	05/05/44	2290		10.99						
	05/25/44	1790		9.60						
	06/05/44	1590		8.91						
	07/15/44	2590		11.69						
	08/03/44	2030		10.26						
	08/31/44	1100		6.81						
1945	06/18/45	2500		11.49						4
	03/13/45	1730		10.46	1					
	03/31/45	1570		8.79						
	04/18/45	1470		8.36						
	05/20/45	1100		6.78						

TABLE 96.-- STATION 06478500, JAMES R NEAR SCOTLAND SD--CONTINUED

NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG. 431109 0973807	DRAINAGE AREA: CONTRIBUTING		20300 SQ MI		DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
					GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)			
	07/06/62	5640									
	08/11/62	2480									
	09/04/62	1140									
1963	10/01/62	1720									0
1964	08/08/64	522									0
1965	06/29/65	1020									0
1966	04/02/66	2640									0
1967	06/29/67	2210									0
1968	09/23/68	1120									0
1969	04/13/69	14000									0
1970	03/04/70	2020									0
1971	03/17/71	2950									0
1972	06/06/72	4050									0
1973	03/15/73	3510									0
1974	06/09/74	815									0
1975	08/22/75	1390									0
1976	02/28/76	464									0
1977	03/26/77	2400									0
1978	04/10/78	6050									0
1979	03/23/79	3400									0
1980	04/30/80	322									0
1981	02/19/81	41									0
1982	06/01/82	2360	9								0
1983	06/24/83	3510									0

TABLE 97.--- STATION 06478540, LITTLE VERMILLION R NEAR SALEM SD

STATION LOCATOR										51 SQ MI	
LAT. LONG.										CONTRIBUTING	
434739 0972202										DRAINAGE AREA:	
										DRAINAGE AREA:	
										GAGE DATUM:	
										1510.00 (NGVD)	
										BASE DISCHARGE:	
										10 CFS	
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1967	03/04/67	31		4.79						1	
	06/21/67	22		4.58							
1968	/ /68	0								0	
1969	04/07/69	596		7.58	2		8.53	04/05/69	1	1	
	05/06/69	20		4.52							
1970	03/05/70	369		6.63						1	
	04/24/70	11		4.44							
1971	03/14/71	140		6.47	1					2	
	02/25/71	12									
	03/31/71	14		4.41							
1972	03/13/72	32		5.07						3	
	05/01/72	21		4.77							
	05/04/72	25		4.86							
	05/15/72	21		4.92							
1973	03/06/73	96		5.99						1	
	03/14/73	24		4.75							
1974	02/21/74	1		3.95						0	
1975	/ /75	0								0	
1976	03/19/76	8								0	
1977	03/12/77	223		6.38						0	
1978	03/21/78	676		7.79						0	
	04/05/78	100		5.75						4	
	04/19/78	32		4.83							
	05/09/78	22		4.56							
	05/31/78	55		5.01							
1979	03/23/79	105		6.50						5	
	03/18/79	45		5.86							
	03/24/79	100		6.46							
	04/14/79	30		5.22							
	05/10/79	27		4.62							
	07/29/79	28		4.65							
1980	03/16/80	3		4.13						0	
1981	/ /81	0								0	
1982	06/02/82	179		6.02						2	
	02/24/82	65	9								
	07/17/82	12		4.37							
1983	03/08/83	210	2							9	
	10/13/82	42		5.44							
	11/21/82	55	2								
	02/19/83	198	2								
	04/02/83	67	9	6.87	1						
	04/18/83	117		5.76							
				6.32							

TABLE 97.-- STATION 06478540, LITTLE VERMILLION R NEAR SALEM SD--CONTINUED

STATION LOCATOR									
LAT. LONG.									
434739 0972202									
DRAINAGE AREA: CONTRIBUTING									
DRAINAGE AREA: 51 SQ MI									
GAGE DATUM: 1510.00 (NGVD)									
BASE DISCHARGE: 10 CFS									
NOTE: BLANKS INDICATE NO INFORMATION									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES
	05/04/83	42		5.50					
	06/29/83	10		4.97					
	07/01/83	40		5.46					
	07/06/83	30		5.35					

TABLE 98.-- STATION 06478690, WEST FORK VERMILLION R NEAR PARKER SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		370	SQ MI					
LAT.	LONG.	CONTRIBUTING								
432455 0971218		DRAINAGE AREA:		SQ MI						
		GAGE DATUM:	1340.00 (NGVD)							
		BASE DISCHARGE:	150 CFS							
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1982	06/01/82	325	9	5.57	2		8.31	02/23/82	1	1
	02/23/82	250		8.31	1					
1983	03/07/83	1900	1	10.77						10
	10/11/82	153		3.79						
	11/15/82	220	9							
	11/21/82	512		6.35						
	11/25/82	572		6.65						
	03/31/83	1020	9	8.16						
	04/13/83	1160		8.62						
	04/15/83	902		7.75						
	05/02/83	659		6.76						
	06/21/83	1770		10.19						
	06/30/83	785		7.45						

TABLE 99.--- STATION 06479000, VERMILLION R NEAR WAKONDA SD---CONTINUED

STATION LOCATOR										
LAT. LONG.										
425927 0965749										
DRAINAGE AREA: 1680 SQ MI										
CONTRIBUTING										
DRAINAGE AREA: SQ MI										
GAGE DATUM: 1150.90 (NGVD)										
BASE DISCHARGE: 1000 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1972	03/18/71	1010	6	11.96						3
	05/04/72	2590	6	16.15						
	03/14/72	2020	6	15.13						
1973	05/16/72	1190	6	12.92						1
	05/27/72	1460	6	13.86						
	03/09/73	2000	6				15.27	03/06/73	1	
	03/16/73	1500	6	13.92						
1974	06/23/74	462	6	8.63						0
1975	08/25/75	129	6	5.53	2		5.78	03/25/75	1	0
1976	03/16/76	469	6	8.60	2		8.87	02/18/76	1	0
1977	03/15/77	355	6	8.00	2		8.80	03/14/77	1	0
1978	03/22/78	2750	6	16.44						1
1979	07/23/78	2460	6	15.66						2
	03/25/79	4860	6	16.57						
	04/15/79	1210	6	12.78						
	05/12/79	1220	6	12.87						
1980	04/05/80	281	6				7.85	02/22/80	1	0
1981	06/14/81	506	6	9.77	1					0
1982	05/31/82	923	6	11.64						0
1983	06/28/83	5020	6	16.71	2					7
	11/23/82	1040	6	10.72			17.03	06/22/83	1	
	03/07/83	4900	6	16.46						
	04/03/83	3340	6	14.89						
	04/16/83	3380	6	14.97						
	05/06/83	2480	6	13.75						
	06/22/83	3300	6	17.03						
	07/30/83	1090	6	11.96						

TABLE 100.-- STATION 06479438, BIG SIOUX R NEAR WATERTOWN SD

STATION LOCATOR		DRAINAGE AREA:		1007 SQ MI						
LAT.	LONG.	CONTRIBUTING		228 SQ MI						
450022 0970953		DRAINAGE AREA:		1725.81 (NGVD)						
		GAGE DATUM:		300 CFS						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1973	03/15/73	595		8.11						0
1974	04/04/74	232		6.75	2		7.88	03/04/74	1	0
1975	04/17/75	301		7.75						0
1976	03/24/76	288		7.07	2		8.40	03/20/76	1	0
1977	06/16/77	938		8.77	2		9.52	03/13/77	1	1
	03/13/77	450		9.52	1					
1978	03/30/78	3720		11.07						2
	04/05/78	396		7.65						
	08/27/78	411		8.33						
1979	04/13/79	1780		9.82	1					2
	04/17/79	1230		9.09						
	08/06/79	342		7.43						
1980	03/19/80	330		8.04						0
1981	06/15/81	88		5.50						0
1982	03/30/82	250	9	8.97						0
1983	04/02/83	396		7.52						0

TABLE 101.--- STATION 06479500, BIG SIOUX R AT WATERTOWN SD

STATION LOCATOR		DRAINAGE AREA:		1129	SQ MI			
LAT.	LONG.	CONTRIBUTING						
445633 0970845		DRAINAGE AREA:		350	SQ MI			
		GAGE DATUM:		1710.00	(NGVD)			
		BASE DISCHARGE:		400	CFS			
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	NUMBER OF PARTIAL PEAKS
1946	03/15/46	684		8.25	1			0
1947	04/13/47	952		8.93				0
1948	03/26/48	762		8.30				0
1949	04/02/49	229		6.07				0
1950	03/27/50	320		7.22	1			0
1951	04/07/51	229		6.34	2		7.80	0
1952	04/09/52	2220		10.30	2		10.35	0
1953	07/28/53	876		8.92				0
1954	06/07/54	624		7.55				0
1955	03/10/55	273		7.58	1			0
1956	06/22/56	194		5.80				0
1957	05/26/57	304		6.51	2		6.56	0
1958	04/11/58	140		5.10				0
1959	05/31/59	4		4.92	2		6.06	0
1960	03/30/60	727		10.29	1			0
1961	05/18/61	8					5.94	0
1962	05/23/62	1380		9.46				0
1963	05/13/63	162		6.14	2		6.77	0
1964	04/28/64	121		5.90	2		7.49	0
1965	05/25/65	327		6.99	2		9.18	0
1966	03/11/66	800		9.24	1			0
1967	03/29/67	138		5.96	2		6.79	0
1968	05/08/68	12		4.14	2		4.53	0
1969	04/08/69	1750		11.40	1			0
1970	03/04/70	220		7.62	1			0
1971	03/13/71	85						0
1972	03/16/72	654		8.86			6.70	0
	03/21/72	510		8.31				2
	05/30/72	566		8.27				

TABLE 102.--- STATION 06479515, WILLOW CR NEAR WATERTOWN SD

STATION LOCATOR											
LAT. LONG.		DRAINAGE AREA: 110 SQ MI									
CONTRIBUTING		DRAINAGE AREA: 110 SQ MI									
GAGE DATUM:		1721.24 (NGVD)									
BASE DISCHARGE:		200 CFS									
445417 0970331											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1972	05/29/72	1220		6.23	2		9.86	03/15/72	1	7	
	03/15/72	500									
	03/21/72	1050		6.01							
	04/12/72	665		5.45							
	05/01/72	665		5.45							
	05/14/72	227		4.58							
1973	05/23/72	1180		6.18							
	06/19/72	231		4.60							
	03/07/73	325					5.68	02/24/73	1	0	
	1974	03/03/74	125				6.12	03/02/74	1	0	
	1975	04/18/75	250		7.20	1				0	
	1976	03/24/76	347		5.57	2	5.83	03/18/76	1	0	
1977	06/16/77	708					7.39	03/12/77	1	1	
	03/12/77	400		7.39	1						
	1978	03/31/78	2930		7.02	2	9.12	03/28/78	1	3	
	03/28/78	750		9.12	1						
	04/07/78	237		4.69							
	08/27/78	1550		6.24						3	
1979	04/12/79	1200		7.22	1						
	04/16/79	658		5.39							
	04/20/79	380		4.96							
	06/16/79	580		5.33							
	1980	06/05/80	636		5.45					0	
	1981	04/10/81	9.50		3.99					0	
1982	03/30/82	250	9	5.39	1					0	
	1983	04/01/83	480		5.23					0	

TABLE 103.-- STATION 06479529, STRAY HORSE CR NEAR CASTLEWOOD SD

STATION LOCATOR										
LAT. LONG.										
444352 0965723										
DRAINAGE AREA: 74.5 SQ MI										
CONTRIBUTING DRAINAGE AREA: 74.5 SQ MI										
GAGE DATUM: 1703.88 (NGVD)										
BASE DISCHARGE: 175 CFS										
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	04/07/69	1400		14.65						1
	04/10/69	842		8.87						
1970	03/03/70	500		9.76	1					1
	06/16/70	238		7.27						
1971	03/12/71	400		9.00	1					0
1972	05/29/72	2960		11.05						6
	03/21/72	384		7.85						
	04/12/72	488		8.16						
	05/01/72	592		8.46						
	05/23/72	528		8.28						
	07/21/72	1060		9.23						
	07/26/72	236		7.31						
1973	03/06/73	290					8.06	02/24/73	1	0
1974	03/03/74	75		8.83	1					0
1975	04/17/75	140		7.71	1					0
1976	03/19/76	902		10.33	1					0
1977	06/16/77	1750		10.22	2		10.45	03/12/77	1	1
	03/12/77	900		10.45	1					
1978	03/30/78	2000					13.84	03/27/78	1	5
	03/27/78	1400		13.84	1					
	04/01/78	984		9.33						
	04/04/78	257		7.51						
	04/06/78	255		7.47						
	05/28/78	223		7.37						
1979	04/13/79	900					10.86	04/11/79	1	3
	04/11/79	400		10.86	1					
	06/16/79	508		8.33						
	08/09/79	390		8.07						
1980	06/22/80	1750		10.09						4
	03/16/80	632		8.53						
	03/21/80	316		7.66						
	03/22/80	211		7.21						
	06/05/80	623		8.48						
1981	07/22/81	618		8.48						0
1982	03/29/82	370	9	8.00	1					0
1983	04/01/83	489		8.18						1
	02/19/83	309		7.72						

TABLE 105.-- STATION 06479910, SIXMILE CR NR BROOKINGS SD

STATION LOCATOR		DRAINAGE AREA:		54	SQ MI			
LAT.	LONG.	CONTRIBUTING						
442046	0964451	DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		1618.57	(NGVD)			
		BASE DISCHARGE:		100	CFS			
NOTE: BLANKS INDICATE NO INFORMATION								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1971	03/12/71	125		9.26	1			0
1972	05/29/72	405		8.71				4
	03/13/72	130						
	03/15/72	170						
	05/02/72	249		5.12				
	05/25/72	117		3.40				
1973	03/06/73	325		7.96	1			1
	03/12/73	142		4.17				
1974	03/06/74	95						
1975	04/24/75	85		4.91	2		03/07/74 1	0
1976	03/20/76	300		9.17	1		04/18/75 1	0
1977	06/16/77	423		9.14	2			0
	03/12/77	350		9.67	1		03/12/77 1	1
1978	03/28/78	936		9.45	2			
	03/31/78	810		9.14			03/24/78 1	4
	04/04/78	264		7.06				
	04/24/78	135		5.89				
	05/09/78	112		5.69				
1979	04/12/79	700		9.50	1			3
	04/16/79	328		7.75				
	06/17/79	296		7.13				
	06/21/79	314		7.24				
1980	06/25/80	760		9.84				
	06/03/80	189		7.33				3
	06/05/80	384		8.61				
	06/08/80	122		6.64				

TABLE 106.--- STATION 06480000, BIG SIOUX RIVER NEAR BROOKINGS SD

STATION LOCATOR				DRAINAGE AREA:				3898		SQ MI	
LAT.		LONG.		CONTRIBUTING		DRAINAGE AREA:		2419		SQ MI	
441048 0964455				GAGE DATUM:		1551.91 (NGVD)		1000		CFS	
BASE DISCHARGE:											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1954	03/22/54	1970		9.79						0	
1955	03/12/55	1180		8.62	1					0	
1956	08/08/56	287		4.00	2		4.42	03/24/56	1	0	
1957	06/17/57	5320		11.67						1	
	03/24/57	1240		8.40							
1958	03/27/58	382		4.58						0	
1959	03/07/59	240					5.00	03/05/59	1	0	
1960	03/30/60	9620		12.28						1	
	04/07/60	4820		11.58							
1961	03/02/61	1340		8.50						0	
1962	03/29/62	10600		12.95						3	
	04/07/62	1900		9.48							
	06/11/62	1360		8.77							
	07/07/62	3680		11.14							
1963	08/02/63	1880		9.72						0	
1964	04/23/64	952		6.97	2		7.14	04/03/64		0	
1965	04/06/65	7700		12.34						0	
1966	03/14/66	4560		11.50	2		11.66	03/13/66	1	0	
1967	06/17/67	1880		9.54						0	
1968	04/23/68	230		3.51						0	
1969	04/09/69	33900		14.77						1	
	05/04/69	1280		8.24							
1970	03/06/70	3350		11.24	1					1	
	06/19/70	1340		8.53							
1971	03/15/71	2100		11.50	1					0	
1972	06/01/72	5060		11.36						0	
1973	03/08/73	3010		10.26						0	
1974	03/06/74	950		7.57	1					0	
1975	04/22/75	696		6.04						0	
1976	03/24/76	1080		7.61						0	
1977	03/13/77	1750		10.02	1					0	
1978	03/30/78	5960					11.84	03/29/78	1	7	
	03/15/78	1650		8.96							
	03/16/78	2060		9.43							
	03/23/78	3900									
	04/26/78	1160		7.75							
	05/04/78	2090		9.69							
	06/22/78	1440		8.57							
	07/26/78	1010		7.32							
1979	04/14/79	4720		11.71						2	
	04/03/79	1300									
	05/12/79	1260		8.27							

NOTE: BLANKS INDICATE NO INFORMATION

TABLE 106.--- STATION 06480000, BIG SIOUX RIVER NEAR BROOKINGS SD---CONTINUED

STATION LOCATOR		DRAINAGE AREA:		3898	SQ MI					
LAT.	LONG.	CONTRIBUTING								
441048 0964455		DRAINAGE AREA:		2419	SQ MI					
		GAGE DATUM:		1551.91	(NGVD)					
		BASE DISCHARGE:		1000	CFS					
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1980	06/25/80	3820		11.93						1
	06/10/80	1000		7.65						
1981	07/26/81	143		3.01						0
1982	04/01/82	718		6.04	2		6.76	03/18/82	1	0
1983	03/07/83	3300		11.16						5
	02/24/83	1300		8.90						
	03/02/83	2500		10.57						
	04/03/83	1510		8.77						
	04/22/83	1500		8.72						
	05/08/83	1020		7.19						

TABLE 107.-- STATION 06481000, BIG SIOUX R NEAR DELL RAPIDS SD

STATION LOCATOR															
LAT. LONG.															
434725 0964442															
DRAINAGE AREA: 4483 SQ MI															
CONTRIBUTING															
DRAINAGE AREA: 3004 SQ MI															
GAGE DATUM: 1455.99 (NGVD)															
BASE DISCHARGE: 1000 CFS															
NOTE: BLANKS INDICATE NO INFORMATION															
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS					
1949	04/06/49	2700		9.46	2		10.08	03/28/49	1	1					
	03/28/49	2040		10.08	1										
1950	04/01/50	2800		11.83	1					3					
	04/20/50	1210		6.57											
	05/12/50	1030		6.04											
	06/12/50	1260		6.62											
1951	04/04/51	12300		14.36						3					
	04/01/51	3750		12.47	1										
	06/28/51	1690		8.27											
	07/04/51	1110		6.75											
1952	04/05/52	15400		14.85						3					
	06/17/52	1980		8.88											
	07/06/52	1220		7.03											
	07/21/52	1050		6.59											
1953	05/25/53	1800		8.05	2		8.34	03/15/53	1	7					
	03/15/53	1350		8.34	1										
	03/22/53	1740		7.71											
	05/05/53	1640		7.72											
	05/15/53	1350		7.09											
	06/27/53	1320		6.83											
	08/06/53	1410		7.07											
	08/11/53	1030		6.23											
1954	03/25/54	2960		10.65	2		11.22	03/19/54	1	1					
	03/19/54	2740		11.22											
1955	03/16/55	1380		8.72	1					1					
	03/12/55	1110		7.94	1										
1956	07/14/56	1750		8.65						0					
1957	06/18/57	15500		14.93						4					
	03/24/57	2000		10.04	1										
	06/25/57	2190		9.56											
	07/03/57	1980		9.09											
	07/21/57	1070		6.79											
1958	06/04/58	450		4.78						0					
1959	05/28/59	380		4.56	2		5.08	03/10/59	1	0					
1960	04/01/60	11900		14.42	2		14.83	03/31/60	1	1					
	04/06/60	5550		12.86											
1961	03/03/61	1600		9.68	1					1					
	03/15/61	1330		7.39											
1962	03/30/62	18400		15.14						3					
	05/24/62	1590		7.99											
	06/08/62	1810		8.53											
	07/11/62	3000		10.43											

TABLE 107.-- STATION 06481000, BIG SIOUX R NEAR DELL RAPIDS SD--CONTINUED

STATION LOCATOR											
LAT. LONG.											
434725 0964442											
DRAINAGE AREA: 4483 SQ MI											
CONTRIBUTING 3004 SQ MI											
DRAINAGE AREA: 1455.99 (NGVD)											
GAGE DATUM: 1000 CFS											
BASE DISCHARGE:											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1963	08/04/63	1740		8.20						0	
1964	04/06/64	1060		6.63						0	
1965	04/09/65	7860					14.14	04/08/65	1	2	
	05/29/65	1050		6.50							
	06/27/65	1690		8.12							
1966	03/16/66	5040		12.56						1	
	02/11/66	1500									
1967	06/20/67	2080		8.92						0	
1968	04/25/68	258		4.02						0	
1969	04/09/69	41300		16.47						0	
1970	03/09/70	2870		10.68						2	
	04/26/70	1050		6.76							
	06/22/70	1250		7.17							
1971	03/18/71	1600		9.97	1					1	
	03/15/71	1350									
1972	06/03/72	3710		11.57						4	
	03/18/72	2150									
	05/06/72	2240		9.35							
	06/24/72	1460		7.64							
	07/22/72	1410		7.37							
1973	03/09/73	3700		12.06	1					0	
1974	03/09/74	1530		7.58						0	
1975	04/23/75	732		5.64						0	
1976	03/24/76	1510		7.77						0	
1977	03/14/77	2450		11.58	1					0	
1978	03/23/78	5550		12.97	1					2	
	04/01/78	4940		12.38							
	05/12/78	1070		6.56							
1979	04/16/79	4830		12.07						2	
	05/12/79	1790		8.22							
	08/09/79	1130		6.75							
1980	06/29/80	2180		9.30						0	
1981	04/06/81	125		3.66						0	
1982	07/17/82	2740		10.27						1	
	08/04/82	1630		7.94							
1983	03/03/83	5410	9	13.11						9	
	11/23/82	1460		7.37							
	03/07/83	5010		12.42							
	03/27/83	5010		12.42							
	04/02/83	2610		9.84							
	04/20/83	2570		9.76							
	05/02/83	1680		7.93							

TABLE 107.--- STATION 06481000, BIG SIOUX R NEAR DELL RAPIDS SD---CONTINUED

STATION LOCATOR									
LAT. LONG.									
434725 0964442									
DRAINAGE AREA:									
CONTRIBUTING									
3004 SQ MI									
DRAINAGE AREA:									
GAGE DATUM:									
1455.99 (NGVD)									
BASE DISCHARGE:									
1000 CFS									
NOTE: BLANKS INDICATE NO INFORMATION									
WATER	PEAK	DISCHARGE	DISCHARGE	GAGE	GAGE-	HIGHEST	MAX GAGE	GAGE-	NUMBER OF
YEAR	DATE	DISCHARGE	CODES	HEIGHT	HEIGHT	SINCE	HEIGHT	HEIGHT	PARTIAL PEAKS
		(CFS)		(FT)	CODES		(FT)	CODES	
	05/08/83	2610		9.83					
	06/22/83	1280		6.94					
	07/02/83	3620		11.29					

TABLE 108.--- STATION 06481500, SKUNK CR AT SIOUX FALLS SD

STATION LOCATOR											
LAT. LONG.											
433201 0964726											
DRAINAGE AREA: 622.2 SQ MI											
CONTRIBUTING DRAINAGE AREA: 613.7 SQ MI											
GAGE DATUM: 1405.10 (NGVD)											
BASE DISCHARGE: 500 CFS											
NOTE: BLANKS INDICATE NO INFORMATION											
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1949	03/05/49	1940									2
	03/28/49	853			3						
	04/06/49	1060			3						
1950	03/25/50	1030									2
	05/19/50	803			3						
	06/12/50	592			3						
1951	06/26/51	3070									3
	03/29/51	2150			3						
	04/04/51	2150			3						
	06/18/51	928			3						
1952	03/29/52	5770									2
	03/20/52	750			3						
	04/22/52	813			3						
1953	06/27/53	2770									2
	03/11/53	700			3						
	06/08/53	1880			3						
1954	03/19/54	2000									0
1955	03/09/55	797									0
1956	06/04/56	781									1
	08/12/56	680			3						
1957	06/17/57	29400									3
	03/24/57	1800			3						
	06/28/57	534			3						
	07/03/57	2640			3						
1958	04/06/58	344									0
1959	05/28/59	2580									1
	08/02/59	675			3						
1960	03/30/60	8200									4
	04/01/60	4120			3						
	04/06/60	4640			3						
	04/13/60	799			3						
	05/19/60	578			3						
1961	03/15/61	525									0
1962	03/28/62	6430									5
	04/04/62	1760			3						
	05/28/62	665			3						
	06/17/62	538			3						
	07/05/62	500			3						
	07/20/62	546			3						
1963	03/24/63	149									0
1964	04/03/64	427									0
1965	05/09/65	1450									2

TABLE 108.-- STATION 06481500, SKUNK CR AT SIOUX FALLS SD--CONTINUED

STATION LOCATOR		DRAINAGE AREA:		622.2 SQ MI						
LAT.	LONG.	CONTRIBUTING		613.7 SQ MI						
433201 0964726		DRAINAGE AREA:		1405.10 (NGVD)						
		GAGE DATUM:		500 CFS						
		BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	04/04/65	1060								
	06/13/65	518								0
1966	02/09/66	1490								0
1967	04/02/67	420								0
1968	06/24/68	355								1
1969	04/06/69	9710								1
	06/30/69	505								1
1970	03/03/70	1970								1
	05/29/70	1380								1
1971	03/29/71	670								1
	02/19/71	650								3
1972	05/01/72	2560								
	03/12/72	1300								
	05/24/72	1020								
	05/28/72	595								
	03/06/73	1850								
1973	03/03/73	1000								3
	03/12/73	1090								
	03/14/73	946								
1974	10/10/73	225								0
1975	08/21/75	131								0
1976	03/18/76	302								0
1977	03/12/77	150								0
1978	03/19/78	2700								1
	03/22/78	2230								
	03/22/79	4230								
1979	03/20/79	1690								6
	03/25/79	706								
	03/29/79	1100								
	04/12/79	1240								
	05/10/79	914								
	09/03/79	598								
1980	06/06/80	450								0
1981	06/14/81	43								0
1982	09/01/82	2250								3
	02/22/82	1400								
	07/14/82	1100								
	09/10/82	689								
1983	03/07/83	3580								12
	10/09/82	1000								
	11/12/82	1220								
	11/14/82	639								

TABLE 108.-- STATION 06481500, SKUNK CR AT SIOUX FALLS SD--CONTINUED

STATION LOCATOR
LAT. LONG.
433201 0964726

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA: 622.2 SQ MI
GAGE DATUM: 613.7 SQ MI
1405.10 (NGVD)
BASE DISCHARGE: 500 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	11/20/82	1090		6.46						
	02/23/83	1200	9							
	04/01/83	2110		8.49						
	04/13/83	1420		7.20						
	04/16/83	1490		7.32						
	05/02/83	2270		8.65						
	05/07/83	1200		6.65						
	06/20/83	1720		7.65						
	06/29/83	748		5.45						

TABLE 109.--- STATION 06482000, BIG SIOUX R AT SIOUX FALLS SD

STATION LOCATOR
LAT. LONG.
433006 0964502

DRAINAGE AREA:
CONTRIBUTING 5197 SQ MI

DRAINAGE AREA:
DRAINAGE AREA: 3710 SQ MI
GAGE DATUM: 1392.83 (NGVD)
BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1944	02/26/44	5250	6	10.24						0
1945	06/04/45	2710	6	7.06	2		9.40	02/15/45	1	0
1946	03/19/46	3460	6	8.20						0
1947	06/10/47	5000	6	10.80						0
1948	07/29/48	4330	6	9.75	2		13.90	02/28/48		0
1949	04/06/49	3140	6	8.25	2		9.67	03/05/49	1	0
1950	04/03/50	2560	5	7.33	2		8.10	03/26/50	1	0
1951	04/06/51	13100	5	14.30						0
1952	04/07/52	13500	5	14.50						0
1953	06/27/53	3360	5	8.28						0
1954	03/20/54	3870	5	8.79	1					0
1955	03/10/55	1820	5	8.43	2		8.83	03/10/55	1	0
1956	07/15/56	895	5	4.03						0
1957	06/17/57	16200	5	16.01						0
1958	04/06/58	493	5	3.49	2		4.37	03/02/58	1	0
1959	05/28/59	2850	5	7.58						0
1960	03/30/60	14300	6	15.56						0

TABLE 110.-- STATION 06482020, BIG SIOUX R AT NORTH CLIFF AVE AT SIOUX FALLS SD

NOTE: BLANKS INDICATE NO INFORMATION									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING		DRAINAGE AREA: GAGE DATUM:		NUMBER OF PARTIAL PEAKS
					5216	SQ MI	3729	SQ MI	
				433401 0964239			1294.18	(NGVD)	
					BASE DISCHARGE:	1000	CFS		

					GAGE- HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	
1969	04/10/69	40700		7	27.45				0
1972	06/04/72	4240			14.35				0
1973	03/13/73	5880			16.38				0
1974	10/09/73	1670			10.32				0
1975	08/01/75	1200			9.05				0
1976	03/25/76	1480			10.06				0
1977	03/15/77	2380			12.78				2
	08/15/77	1190			9.05				
	09/30/77	1720			10.39				
1978	03/24/78	6020			17.54	2	17.62	03/22/78	1 3
	04/02/78	5310			16.89				
	04/19/78	1870			11.39				
	05/12/78	1220			9.46				
1979	03/23/79	5990			16.95				7
	03/20/79	2090			11.37				
	03/29/79	2200			12.01				
	04/18/79	4570			16.21				
	05/11/79	2400			12.65				
	06/24/79	1170			8.92				
	07/29/79	1040			8.57				
	08/10/79	1220			9.08				
1980	06/30/80	2080			11.66				1
	07/04/80	1430			9.88				
1981	06/14/81	896			8.13				0
1982	07/18/82	2860			12.34				5
	02/23/82	1420		9					
	07/05/82	1210			8.50				
	08/04/82	2160			10.78				
	09/01/82	2680			12.01				
	09/10/82	1670			9.69				
1983	03/07/83	9000			19.65				12
	10/10/82	2680			12.14				
	11/12/82	1960			10.40				
	11/20/82	2230			11.07				
	12/03/82	1290			8.59				
	02/24/83	2920			12.56				
	04/01/83	4100			14.60				
	04/13/83	3280			13.23				
	04/19/83	3880			14.23				
	05/03/83	3940			14.33				
	05/08/83	3480			13.56				
	06/21/83	2270			11.17				
	07/03/83	3590			13.75				

TABLE 111.-- STATION 06482100, BIG SIOUX R NEAR BRANDON SD

STATION LOCATOR		DRAINAGE AREA:		5261	SQ MI				
LAT.	LONG.	CONTRIBUTING							
433625 0963755		DRAINAGE AREA:	3774	SQ MI					
		GAGE DATUM:	1283.38	(NGVD)					
		BASE DISCHARGE:	1200	CFS					
BLANKS INDICATE NO INFORMATION									
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1960	04/01/60 14400		18.61						1
	04/06/60 10700		17.51						
1961	03/04/61 1780		8.97						1
	03/16/61 1230	1							
1962	03/31/62 17100		19.93						5
	04/18/62 1570	1							
	06/09/62 2140	1							
	06/18/62 2120	1							
	07/12/62 2680		10.84						
	07/21/62 2350	1							
1963	08/05/63 1640		8.68						0
1964	04/03/64 1060		7.34	2		7.44	04/27/64		0
1965	04/09/65 8050		16.00						5
	05/09/65 1820	1							
	05/16/65 1240	1							
	05/29/65 1260	1							
	06/13/65 1520	1							
	06/28/65 1520	1							
1966	03/17/66 4640		13.50						0
1967	06/21/67 2020		9.54						0
1968	06/25/68 593		6.22						0
1969	04/10/69 36800		24.56		1881				0
1970	03/05/70 2490		10.32						0
1971	03/19/71 1740		8.82						1
	03/15/71 1540		8.43						
1972	05/02/72 3540		12.33						4
	03/15/72 2660		10.70						
	05/05/72 3120		11.65						
	06/25/72 1510		8.24						
	07/22/72 1370		7.99						

TABLE 112.-- STATION 06482610, SPLIT ROCK CR AT CORSON SD--CONTINUED

STATION LOCATOR
LAT. LONG.
433659 0963354

DRAINAGE AREA:
CONTRIBUTING 464 SQ MI
DRAINAGE AREA: 464 SQ MI
GAGE DATUM: 1304.22 (NGVD)
BASE DISCHARGE: 500 CFS

NOTE: BLANKS INDICATE NO INFORMATION

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
	02/22/82	1700	9							
	03/02/82	680	9							
	03/14/82	730	9	4.94						
	03/20/82	666		4.78						
	03/24/82	558		4.51						
	09/10/82	955		6.19						
	03/07/83	4500		9.96						12
	10/09/82	1340		6.09						
	11/12/82	746		4.92						
	11/15/82	1010		5.50						
	11/20/82	930		5.35						
	11/24/82	1290		6.01						
	04/01/83	1890		6.90						
	04/17/83	1290		6.11						
	05/02/83	1150		5.95						
	05/08/83	2660		7.89						
	06/20/83	1850		6.79						
	06/24/83	698		4.84						
	07/03/83	3730		8.68						