

ANALYSES OF FLOOD-FLOW FREQUENCY
FOR SELECTED GAGING STATIONS IN
SOUTH DAKOTA THROUGH SEPTEMBER 1985

By Eugene B. Hoffman, Mark E. Freese, and Douglas R. Winter

U.S. GEOLOGICAL SURVEY

Open-File Report 86-496

Prepared in cooperation with the
SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION

Huron, South Dakota

1986



UNITED STATES DEPARTMENT OF THE INTERIOR

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CONTENTS

	Page
Glossary.	xi
Abstract.	1
Introduction.	1
Flood-frequency analysis.	1
Remarks	5
Selected references	11
Supplemental information.	12

ILLUSTRATIONS

Figure 1.	Map of South Dakota showing location of active continuous-record gaging stations with 10 or more years of record (as of water year 1985). . .	2
2.	Map of South Dakota showing location of discontinued crest-stage partial-record stations with 10 or more years of record.	3

TABLES

Table 1.	Magnitude and recurrence interval of instantaneous peak flow at selected gaging stations in South Dakota	6
2-186.	Peak-discharge and gage-height data for:	
2.	Station 05289950, Little Minnesota River tributary at Sisseton	13
3.	Station 05290300, North Fork Whetstone River tributary near Wilmot	13
4.	Station 05291000, Whetstone River near Big Stone City.	14
5.	Station 05292600, North Fork Yellow Bank River tributary near Stockholm.	14
6.	Station 06334500, Little Missouri River at Camp Crook	15
7.	Station 06354845, Spring Creek tributary near Greenway	15
8.	Station 06354860, Spring Creek near Herreid .	16
9.	Station 06355400, North Fork Grand River tributary near Lodgepole.	16
10.	Station 06355500, North Fork Grand River near White Butte.	17
11.	Station 06356000, South Fork Grand River at Buffalo.	17
12.	Station 06356150, North Jack Creek near Ludlow.	18
13.	Station 06356500, South Fork Grand River near Cash	18

	Page
Table	
14. Station 06356600, South Fork Grand River tributary near Bison.	19
15. Station 06357500, Grand River at Shadehill.	20
16. Station 06357800, Grand River at Little Eagle.	20
17. Station 06358520, Deadman Creek tributary near Mobridge	21
18. Station 06358540, Blue Blanket Creek tributary near Glenham.	22
19. Station 06358550, Battle Creek tributary near Castle Rock.	22
20. Station 06358600, South Fork Moreau River tributary near Redig.	23
21. Station 06358620, Sand Creek tributary near Redig.	24
22. Station 06359300, Deep Creek tributary near Maurine.	25
23. Station 06359500, Moreau River near Faith	25
24. Station 06359700, Thunder Butte Creek tributary near Meadow	26
25. Station 06359850, Elm Creek tributary near Dupree	26
26. Station 06360350, Little Moreau River tributary near Firesteel.	27
27. Station 06360500, Moreau River near Whitehorse.	27
28. Station 06361020, Swan Lake tributary near Bowdle	28
29. Station 06395000, Cheyenne River at Edgemont.	28
30. Station 06396200, Fiddle Creek near Edgemont.	29
31. Station 06396300, Cottonwood Creek tributary near Edgemont	30
32. Station 06396350, Red Canyon Creek tributary near Pringle.	31
33. Station 06399300, Hat Creek tributary near Ardmore.	32
34. Station 06399700, Pine Creek near Ardmore	33
35. Station 06400000, Hat Creek near Edgemont	34
36. Station 06400900, Horsehead Creek tributary near Smithwick.	34
37. Station 06401500, Cheyenne River below Angostura Dam	35
38. Station 06402000, Fall River at Hot Springs	35
39. Station 06402100, Fall River tributary at Hot Springs	36
40. Station 06402500, Beaver Creek near Buffalo Gap	36
41. Station 06403800, Battle Creek tributary near Keystone	37
42. Station 06404000, Battle Creek near Keystone.	38

	Page
Table	
43. Station 06406000, Battle Creek near Hermosa .	38
44. Station 06406100, Battle Creek tributary near Hermosa.	39
45. Station 06406750, Sunday Gulch near Hill City	40
46. Station 06406800, Newton Fork near Hill City	41
47. Station 06406900, Palmer Creek near Hill City	42
48. Station 06408500, Spring Creek near Hermosa .	43
49. Station 06408850, Silver Creek near Rochford.	43
50. Station 06408900, Heeley Creek near Hill City	44
51. Station 06409000, Castle Creek above Deerfield Reservoir near Hill City.	44
52. Station 06410000, Castle Creek below Deerfield Dam	45
53. Station 06410500, Rapid Creek above Pactola Reservoir near Silver City.	45
54. Station 06411500, Rapid Creek below Pactola Dam	46
55. Station 06412500, Rapid Creek above Canyon Lake near Rapid City	46
56. Station 06414000, Rapid Creek at Rapid City .	47
57. Station 06421500, Rapid Creek near Farmingdale	47
58. Station 06421750, Rapid Creek tributary near Farmingdale.	48
59. Station 06422500, Boxelder Creek near Nemo. .	48
60. Station 06423500, Cheyenne River near Wasta .	49
61. Station 06425500, Elk Creek near Elm Springs.	49
62. Station 06428500, Belle Fourche River at Wyoming-South Dakota State Line	50
63. Station 06430500, Redwater Creek at Wyoming- South Dakota State Line	50
64. Station 06431500, Spearfish Creek at Spearfish	51
65. Station 06432200, Polo Creek near Whitewood .	51
66. Station 06432230, Miller Creek near Whitewood	52
67. Station 06433000, Redwater River above Belle Fourche	52
68. Station 06433500, Hay Creek at Belle Fourche.	53
69. Station 06434800, Owl Creek tributary near Belle Fourche.	53
70. Station 06436000, Belle Fourche River near Fruitdale	54
71. Station 06437000, Belle Fourche River near Sturgis	54

		Page
Table	72. Station 06437100, Boulder Creek near Deadwood.	55
	73. Station 06438000, Belle Fourche River near Elm Springs.	56
	74. Station 06439000, Cherry Creek near Plainview	56
	75. Station 06439050, Cherry Creek tributary near Avance	57
	76. Station 06439060, Cherry Creek tributary No. 2 near Avance	58
	77. Station 06439080, Cherry Creek tributary No. 3 near Avance	59
	78. Station 06439100, Beaver Creek near Faith . .	60
	79. Station 06439300, Cheyenne River at Cherry Creek.	61
	80. Station 06439400, Plum Creek tributary near Milesville	61
	81. Station 06441000, Bad River near Midland. . .	62
	82. Station 06441200, Powell Creek tributary near Fort Pierre.	62
	83. Station 06441500, Bad River near Fort Pierre.	63
	84. Station 06441530, Hilgers Gulch tributary near Pierre	63
	85. Station 06441580, Hilgers Gulch at Pierre . .	64
	86. Station 06441650, Mush Creek near Pierre. . .	65
	87. Station 06441670, Missouri River tributary near Pierre	66
	88. Station 06441750, Missouri River tributary near Canning.	67
	89. Station 06442000, Medicine Creek near Blunt .	67
	90. Station 06442050, Missouri River tributary near DeGrey	68
	91. Station 06442350, North Fork Medicine Creek near Vivian	69
	92. Station 06442380, Medicine Creek tributary near Vivian	70
	93. Station 06442400, Medicine Creek tributary No. 2 near Vivian	71
	94. Station 06442500, Medicine Creek at Kennebec.	72
	95. Station 06442850, Elm Creek tributary near Ree Hieghts.	72
	96. Station 06446000, White River near Oglala . .	73
	97. Station 06446250, Porcupine Creek tributary near Rockyford.	73
	98. Station 06446400, Cain Creek tributary at Imlay	74
	99. Station 06446430, White River tributary near Conata.	75
100.	Station 06446550, White River tributary near Interior.	76

		Page
Table	101. Station 06447000, White River near Kadoka . .	77
	102. Station 06447500, Little White River near Martin.	77
	103. Station 06449000, Lake Creek below Refuge near Tuthill.	78
	104. Station 06449100, Little White River near Vetal	78
	105. Station 06449400, Rosebud Creek at Rosebud. .	79
	106. Station 06449500, Little White River near Rosebud	79
	107. Station 06449700, Little Oak Creek near Mission	80
	108. Station 06449750, West Branch Horse Creek near Mission.	81
	109. Station 06450500, Little White River below White River	82
	110. Station 06451750, Cottonwood Creek tributary near Winner	82
	111. Station 06452000, White River near Oacoma . .	83
	112. Station 06452250, Fivemile Creek tributary near Iona	83
	113. Station 06453000, Missouri River at Fort Randall Dam.	84
	114. Station 06453150, Choteau Creek tributary near Tripp.	84
	115. Station 06453250, Choteau Creek tributary near Wagner	85
	116. Station 06464500, Keya Paha River at Wewela .	85
	117. Station 06467500, Missouri River at Yankton .	86
	118. Station 06471000, James River at Columbia . .	86
	119. Station 06471050, Elm River tributary near Leola	87
	120. Station 06471200, Maple River at North Dakota-South Dakota State Line.	88
	121. Station 06471350, Maple River at Fredrick . .	88
	122. Station 06471400, Willow Creek tributary near Leola.	89
	123. Station 06471450, Willow Creek tributary near Barnard.	90
	124. Station 06471500, Elm River at Westport . . .	91
	125. Station 06472200, Mud Creek tributary near Groton.	91
	126. Station 06472250, Mud Creek tributary No. 2 near Groton	92
	127. Station 06473000, James River at Ashton . . .	93
	128. Station 06473350, South Fork Snake Creek tributary near Seneca	93
	129. Station 06473700, Snake Creek near Ashton . .	94
	130. Station 06473750, Wolf Creek near Ree Heights	94

		Page
Table	131. Station 06473800, Matter Creek tributary near Orient	95
	132. Station 06473820, Shaefer Creek near Orient	96
	133. Station 06473850, Shaefer Creek tributary near Orient	97
	134. Station 06473880, Shaefer Creek tributary near Miller	98
	135. Station 06474000, Turtle Creek near Tulare.	99
	136. Station 06474300, Medicine Creek near Zell.	99
	137. Station 06475000, James River near Redfield	100
	138. Station 06475550, Dry Run tributary near Frankfort	100
	139. Station 06475950, Shue Creek tributary near Yale	101
	140. Station 06476000, James River at Huron.	101
	141. Station 06476500, Sand Creek near Alpena.	102
	142. Station 06477000, James River near Forestburg.	102
	143. Station 06477140, Rock Creek tributary near Roswell	103
	144. Station 06477400, Firesteel Creek tributary near Wessington Springs	103
	145. Station 06477500, Firesteel Creek near Mount Vernon	104
	146. Station 06478050, Enemy Creek tributary near Mount Vernon	104
	147. Station 06478200, Coffee Creek tributary near Parkston	105
	148. Station 06478250, North Branch Dry Creek tributary near Parkston	106
	149. Station 06478260, North Branch Dry Creek near Parkston	107
	150. Station 06478280, South Branch Dry Creek near Parkston	108
	151. Station 06478300, Dry Creek near Parkston	109
	152. Station 06478390, Wolf Creek near Clayton	110
	153. Station 06478400, Lonetree Creek tributary near Kaylor	111
	154. Station 06478500, James River near Scotland	111
	155. Station 06478540, Little Vermillion River near Salem.	112
	156. Station 06478630, West Fork Vermillion River near DeSmet	112
	157. Station 06478650, West Fork Vermillion River tributary near Monroe	113
	158. Station 06478690, West Fork Vermillion River near Parker	114
	159. Station 06478800, Saddlerock Creek near Canton.	115

Table

160.	Station 06478820, Saddlerock Creek tributary near Beresford.	116
161.	Station 06478840, Saddlerock Creek near Beresford	117
162.	Station 06478950, Ash Creek near Beresford.	118
163.	Station 06479020, Smoky Run near Irene.	118
164.	Station 06479200, Big Sioux River near Ortley.	119
165.	Station 06479240, Big Sioux River tributary No. 2 near Summit	120
166.	Station 06479260, Big Sioux River tributary No. 3 near Summit	121
167.	Station 06479350, Soo Creek tributary near South Shore.	122
168.	Station 06479438, Big Sioux River near Watertown	122
169.	Station 06479515, Willow Creek near Watertown	123
170.	Station 06479529, Stray Horse Creek near Castlewood.	123
171.	Station 06479550, Dolph Creek tributary near Lake Norden.	124
172.	Station 06479640, Hidewood Creek near Estelline	124
173.	Station 06479750, Peg Munky Run near Estelline	125
174.	Station 06479800, North Deer Creek near Estelline	126
175.	Station 06479810, North Deer Creek tributary near Brookings.	127
176.	Station 06479900, Sixmile Creek tributary near Brookings.	128
177.	Station 06479950, Deer Creek near Brookings	129
178.	Station 06480000, Big Sioux River near Brookings	130
179.	Station 06480720, Bachelor Creek tributary near Wentworth.	130
180.	Station 06481000, Big Sioux River near Dell Rapids	131
181.	Station 06481500, Skunk Creek at Sioux Falls.	132
182.	Station 06482020, Big Sioux River at North Cliff Avenue at Sioux Falls	133
183.	Station 06482600, West Pipestone Creek tributary near Garretson.	134
184.	Station 06482610, Split Rock Creek at Corson.	135
185.	Station 06482870, Little Beaver Creek tributary near Canton	136
186.	Station 06485550, West Union Creek near Alcester.	137

For those readers interested in converting inch-pound units to the International System of units (SI), the following factors are used:

<u>Multiply inch-pound unit</u>	<u>By</u>	<u>To obtain SI unit</u>
cubic foot per second	0.02832	cubic meter per second
foot	0.3048	meter
square mile	2.590	square kilometer

National Geodetic Vertical Datum of 1929 (NGVD of 1929): A geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called mean sea level.

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.

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 National Geodetic Vertical Datum of 1929.

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.

Stream gaging.--The process measuring the depths, area, 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 ending September 30, 1985, is called the "1985 water year."

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ABSTRACT

Analyses of flood-flow frequency were made for 80 active continuous-record gaging stations and 105 discontinued crest-stage partial-record 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 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 1985) and each discontinued crest-stage partial-record station with 10 or more years of record. The locations of the stations are shown in figures 1 and 2.

FLOOD-FREQUENCY ANALYSES

The analyses of flood-flow frequency were made for 80 gaging stations and 105 partial-record 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 flow, the flood-frequency analysis becomes the estimation of the log-Pearson annual-probability curve using the record of annual peak flows at the site.

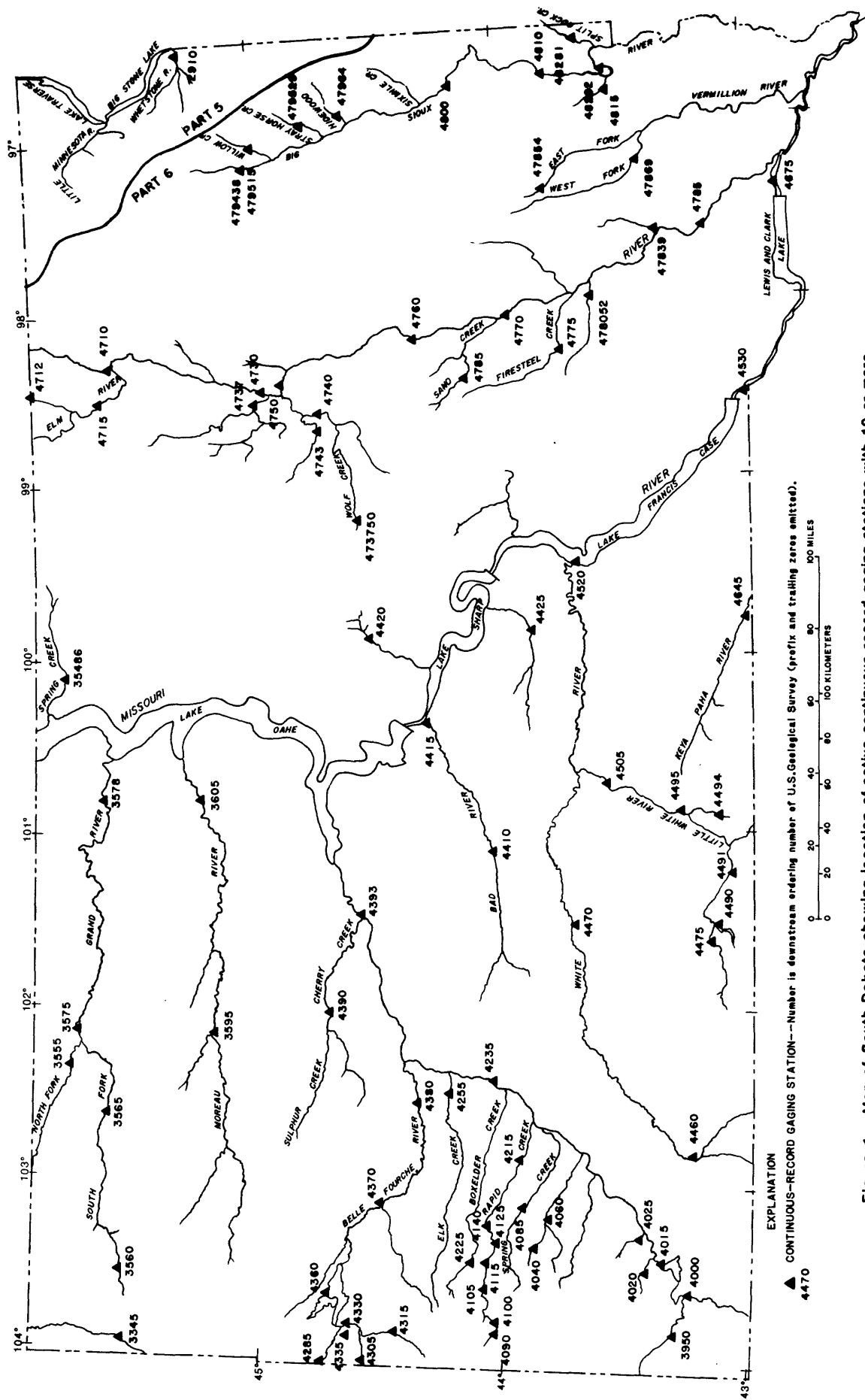


Figure 1.--Map of South Dakota showing location of active continuous-record gaging stations with 10 or more years of record, (as of water year 1985).

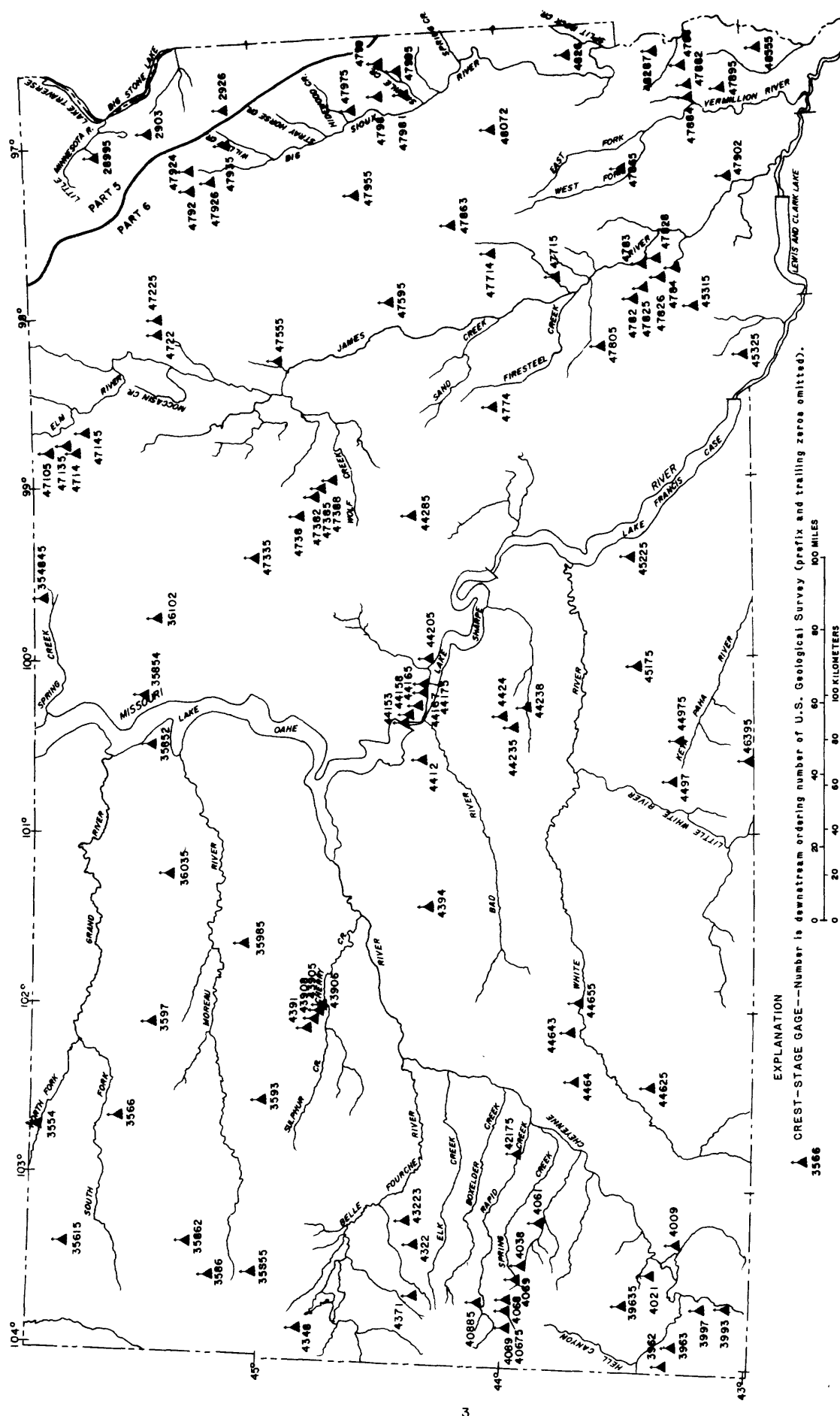


Figure 2.--Map of South Dakota showing location of crest-stage partial-record stations with 10 or more years of record.

The recorded data are divided into two classes: systematic and historic. The systematic record includes all annual peak flow determined in the process of collecting a systematic gaging record for each site. The annual peak flow is determined for each year of the record. The systematic record is intended to constitute an unbiased and representative sample of the population of all possible annual peak flows at the site.

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 analysis 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 U.S. Water Resources Council guidelines (1981). If one or more outliers are detected, they are deleted from the computation.

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 are below the gage base, 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 for each site in question. This curve is subject to unreliability due to random sampling fluctuations in the record. To decrease this unreliability, the calculated station skew is compared 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 weighed 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 magnitudes 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 2-186 in the Supplemental Information section at the end of this report.

REMARKS

Three stations, Little White River tributary near Martin (06447490), Preachers Run tributary at Ipswich (06473300), and Enemy Creek near Mitchell (06478052), are not included in this report even though they had 10 years of record. They failed to meet the criteria after screening for the gage base test.

Data for the station, Battle Creek tributary near Keystone (06403800) should be used with caution. The station was in operation for 25 years and the peak of record was 1,300 cubic feet per second which resulted from a 1972 storm event. The next largest peak was 16 cubic feet per second. In this situation the computer program weighted the skew and computed a discharge value for the 100-year recurrence interval of 254 cubic feet per second.

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected 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	
			Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:
05289950	LITTLE MINNESOTA R TRIB AT SISSETON	1970-79	80	208	336	552	755	994	1,710			
05290300	NORTH FORK WHEATSTONE R TRIB NEAR WILMOT	1970-79	25	42	52	65	75	83	102			
05291000	WHEATSTONE RIVER NEAR BIG STONE CITY	1910-85	1,210	3,250	5,170	8,130	10,700	13,500	20,700			
05292600	NORTH FORK YELLOW BANK R TRIB NEAR STOCKHOLM	1970-79	82	237	402	691	969	1,300	2,320			
06334500	LITTLE MISSOURI R AT CAMP CROOK	1970-85	2,690	4,990	6,700	8,900	10,700	12,500	16,700			
06354845	SPRING CR TRIB NEAR GREENWAY	1970-79	24	101	196	373	547	757	1,380			
06354860	SPRING CR NEAR HERREID	1963-85	187	744	1,370	2,430	3,380	4,430	7,140			
06355400	NORTH FORK GRAND R TRIB NEAR LODGEPOLE	1970-79	104	267	441	758	1,080	1,490	2,880			
06355500	NORTH FORK GRAND R NEAR WHITE BUTTE	1967-85	820	2,170	3,510	5,740	7,780	10,200	17,100			
06356000	SOUTH FORK GRAND R AT BUFFALO	1908-85	642	1,340	1,890	2,660	3,260	3,870	5,350			
06356150	NORTH JACK CR NEAR LUDLOW	1970-79	20	42	64	99	134	176	312			
06356500	SOUTH FORK GRAND R NEAR CASH	1946-85	1,570	3,700	5,880	9,740	13,600	18,400	34,200			
06356600	SOUTH FORK GRAND R TRIB NEAR BISON	1970-79	36	86	134	209	277	355	576			
06357500	GRAND R AT SHADEHILL	1951-85	316	1,020	1,940	3,930	6,250	9,570	23,100			
06357800	GRAND R AT LITTLE EAGLE	1959-85	5,020	9,210	12,300	16,500	19,700	22,900	30,700			
06358520	DEADMAN CR TRIB NEAR MOBRIDGE	1956-80	16	47	80	136	189	251	431			
06358540	BLUE BLANKET CR TRIB NEAR GLENHAM	1970-79	5.7	10	13	18	22	27	39			
06358550	BATTLE CR TRIB NEAR CASTLEROCK	1969-79	133	304	474	771	1,060	1,420	2,590			
06358600	SOUTH FORK MOREAU R TRIB NEAR REDIG	1956-80	55	121	186	295	398	524	922			
06358620	SAND CR TRIB NEAR REDIG	1956-72	22	34	43	56	66	76	104			
06359300	DEEP CREEK TRIB NR MAURINE	1970-79	4.3	23	56	152	294	538	1,890			
06359500	MOREAU R NEAR FAITH	1944-85	3,870	9,410	14,600	23,000	30,500	39,000	63,300			
06359700	THUNDER BUTTE CR TRIB NEAR MEADOW	1970-79	24	70	120	209	297	403	736			
06359850	ELM CR TRIB NEAR DUPREE	1970-79	114	254	388	608	813	1,060	1,790			
06360350	LITTLE MOREAU R TRIB NEAR FIRESTEEL	1970-79	14	50	93	172	250	345	638			
06360500	MOREAU R NEAR WHITEHORSE	1953-85	5,330	12,300	18,200	26,800	33,900	41,300	60,000			
06361020	SWAN LAKE TRIB NEAR BOWDLE	1970-79	20	54	88	146	200	264	452			
06395000	CHEYENNE R AT EDMONT	1905-85	2,940	6,050	8,740	12,800	16,400	20,300	31,300			
06396200	FIDDLE CR NEAR EDMONT	1956-80	15	47	85	159	237	338	691			
06396300	COTTONWOOD CR TRIB NEAR EDMONT	1956-80	22	42	58	84	106	131	202			
06396350	RED CANYON CR TRIB NEAR PRINGLE	1970-79	3.2	11	21	43	67	100	229			
06399300	HAT CR TRIB NEAR ARDMORE	1956-79	39	229	576	1,530	2,850	4,990	15,400			
06399700	PINE CR NEAR ARDMORE	1956-74	573	1,430	2,260	3,640	4,910	6,390	10,700			
06400000	HAT CR NEAR EDMONT	1905-85	734	1,910	3,180	5,500	7,880	10,900	21,200			
06400900	HORSEHEAD CR TRIB NEAR SMITHWICK	1969-79	6.7	25	52	119	208	351	1,060			
06401500	CHEYENNE R BELOW ANGOSTURA DAM	1950-85	664	4,890	13,100	35,900	67,100	116,000	337,000			
06402000	FALL R AT HOT SPRINGS	1953-85	229	484	721	1,110	1,460	1,890	3,160			
06402100	FALL RIVER TRIB AT HOT SPRINGS	1970-79	17	41	63	101	135	176	299			
06402500	BEAVER CR NEAR BUFFALO GAP	1938-85	93	447	1,100	3,080	6,190	11,900	47,700			
06403800	BATTLE CR TRIB NEAR KEYSTONE	1956-80	3.3	13	28	72	137	254	965			
06404000	BATTLE CR NEAR KEYSTONE	1946-85	239	896	1,930	4,610	8,350	14,600	48,100			
06406000	BATTLE CR AT HERMOSA	1950-85	269	1,070	2,240	4,940	8,280	13,200	34,300			

Table 1. Magnitude and recurrence interval of instantaneous peak flow at selected 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	
			Years	Percent	Years	Percent	Years	Percent	Years	Percent	Years	Percent
06406100	BATTLE CR TRIB NEAR HERMOSA	1970-79	17	34	50	78	105	139	253			
06406750	SUNDAY GULCH NEAR HILL CITY	1956-69	10	39	79	167	273	426	1,050			
06406800	NEWTON FORK NEAR HILL CITY	1969-79	20	41	60	92	120	154	257			
06406900	PALMER CR NEAR HILL CITY	1956-80	58	228	468	1,010	1,670	2,620	6,540			
06408500	SPRING CR NEAR HERMOSA	1950-85	54	401	1,150	3,520	7,280	14,000	53,000			
06408850	SILVER CR NEAR ROCHFORD	1969-79	6.5	11	15	20	24	28	40			
06408900	HEELEY CR NEAR HILL CITY	1969-79	8.1	14	18	24	29	35	50			
06409000	CASTLE CR ABOVE DEERFIELD RES NEAR HILL CITY	1949-85	54	122	199	353	527	770	1,760			
06410000	CASTLE CR BELOW DEERFIELD DAM	1947-85	50	81	104	135	159	184	247			
06410500	RAPID CR ABOVE PACTOLA RES NEAR SILVER CITY	1954-85	219	488	771	1,300	1,850	2,570	5,200			
06411500	RAPID CR BELOW PACTOLA DAM	1947-85	184	359	532	840	1,150	1,550	2,940			
06412500	RAPID CR ABOVE CANYON LAKE NEAR RAPID CITY	1947-85	226	628	1,180	2,480	4,200	6,930	20,800			
06414000	RAPID CR AT RAPID CITY	1946-85	465	1,250	2,310	4,760	7,920	12,900	37,400			
06421500	RAPID CR NEAR FARMINGDALE	1947-85	645	1,320	2,000	3,200	4,400	5,920	11,200			
06421750	RAPID CR TRIB NEAR FARMINGDALE	1970-79	7.8	17	25	39	51	66	112			
06422500	BOXELDER CR NEAR NEMO	1911-85	190	816	1,920	5,160	10,200	19,300	76,800			
06423500	CHEYENNE R NEAR WASTA	1950-85	9,600	18,300	25,300	35,500	44,000	53,300	77,600			
06425500	ELK CR NEAR ELM SPRINGS	1950-85	987	3,520	6,440	11,700	16,800	22,900	40,800			
06428500	BELLE FOURCHE R AT WY-SD STATE LINE	1952-85	1,410	2,480	3,270	4,350	5,200	6,080	8,230			
06430500	REDWATER CR AT WY-SD STATE LINE	1929-85	276	761	1,320	2,390	3,540	5,070	10,600			
06431500	SPEARFISH CR AT SPEARFISH	1904-85	271	740	1,350	2,730	4,450	7,070	19,300			
06432200	POLO CR NEAR WHITEWOOD	1956-72	183	532	922	1,650	2,390	3,330	6,460			
06432230	MILLER CR NEAR WHITEWOOD	1956-67	7.0	153	676	2,990	7,430	16,300	72,700			
06433000	REDWATER R ABOVE BELLE FOURCHE	1946-85	801	2,140	3,790	7,280	11,400	17,300	42,500			
06433500	HAY CR AT BELLE FOURCHE	1954-85	71	225	408	764	1,140	1,640	3,350			
06434800	OWL CR TRIB NEAR BELLE FOURCHE	1970-79	44	98	151	240	326	430	762			
06436000	BELLE FOURCHE R NEAR FRUITDALE	1952-85	1,070	4,960	10,100	20,100	30,400	43,200	82,300			
06437000	BELLE FOURCHE R NEAR STURGIS	1952-85	4,010	8,440	12,600	19,600	26,200	34,200	59,100			
06437100	BOULDER CR NEAR DEADWOOD	1956-80	38	111	190	336	481	662	1,250			
06438000	BELLE FOURCHE R NEAR ELM SPRINGS	1952-85	6,780	16,300	25,700	41,900	57,300	76,900	134,000			
06439000	CHEERY CR NEAR PLAINVIEW	1946-85	1,430	3,950	6,620	11,400	16,000	21,700	39,700			
06439050	CHEERY CR TRIB NEAR AVANCE	1956-80	24	71	127	239	362	528	1,150			
06439060	CHEERY CR TRIB NO 2 NEAR AVANCE	1956-73	6.6	23	44	91	148	230	571			
06439080	CHEERY CR TRIB NO 3 NEAR AVANCE	1956-80	58	307	714	1,720	3,010	4,940	13,200			
06439100	BEAVER CR NEAR FAITH	1956-80	160	675	1,450	3,310	5,660	9,220	24,900			
06439300	CHEYENNE R AT CHERRY CREEK	1961-85	15,300	28,800	39,500	54,900	67,500	81,100	116,000			
06439400	PLUM CR TRIB NEAR MILESVILLE	1970-79	12	40	80	176	302	500	1,460			
06441000	BAD R NEAR MIDLAND	1946-85	2,270	5,470	8,550	13,600	18,400	23,900	40,400			
06441200	POWELL CR TRIB NEAR FORT PIERRE	1970-79	30	90	158	286	417	582	1,130			
06441500	BAD R NEAR FORT PIERRE	1905-85	5,870	13,400	21,000	34,300	47,200	63,300	116,000			
06441530	HILGERS GULCH TRIB NEAR PIERRE	1968-79	28	138	294	628	998	1,490	3,170			

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected 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							

			Years: Percent:	2 50	5 20	10 10	25 4	50 2	100 1	500 0.2
06441580	HILGERS GULCH AT PIERRE	1967-79	101	593	1,440	3,580	6,360	10,600	28,500	
06441650	MUSH CR NEAR PIERRE	1956-80	287	1,420	3,180	7,350	12,500	19,900	49,900	
06441670	MISSOURI R TRIB NEAR PIERRE	1956-74	57	177	320	606	916	1,330	2,840	
06441750	MISSOURI R TRIB NEAR CANNING	1956-74	72	147	206	290	357	426	595	
06442000	MEDICINE KNOLL CR NEAR BLUNT	1917-85	50	352	943	2,630	5,040	8,970	28,100	
06442050	MISSOURI R TRIB NEAR DEGREY	1956-80	172	459	746	1,230	1,680	2,200	3,750	
06442350	NORTH FORK MEDICINE CR NEAR VIVIAN	1956-80	57	211	418	868	1,390	2,130	5,050	
06442380	MEDICINE CR TRIB NR VIVIAN	1956-73	32	98	176	333	503	730	1,560	
06442400	MEDICINE CR TRIB NO 2 NEAR VIVIAN	1956-80	75	169	259	413	559	736	1,290	
06442500	MEDICINE CR AT KENNEBEC	1952-85	571	2,490	4,960	9,770	14,700	20,700	39,500	
06442850	ELM CR TRIB NEAR REE HEIGHTS	1969-79	8.2	21	35	58	82	110	202	
06446000	WHITE R NEAR OGLALA	1944-85	834	1,610	2,300	3,380	4,370	5,520	8,940	
06446250	PORCUPINE CR TRIB NEAR ROCKYFORD	1968-79	223	447	640	937	1,200	1,490	2,310	
06446400	CAIN CR TRIB AT IMLAY	1956-80	650	1,290	1,880	2,830	3,720	4,770	8,030	
06446430	WHITE R TRIB NEAR CONATA	1956-73	110	198	274	395	505	634	1,020	
06446550	WHITE R TRIB NEAR INTERIOR	1956-80	193	374	522	739	920	1,120	1,640	
06447000	WHITE R NEAR KADOKA	1942-85	9,230	14,900	19,200	25,100	29,800	34,800	47,700	
06447500	LITTLE WHITE R NEAR MARTIN	1932-85	170	406	668	1,180	1,730	2,480	5,360	
06449000	LAKE CR BELOW REFUGE NEAR TUTHILL	1938-85	83	113	134	162	184	206	260	
06449100	LITTLE WHITE R NEAR VETAL	1960-85	300	594	870	1,330	1,770	2,300	4,000	
06449400	ROSEBUD CR AT ROSEBUD	1975-85	64	256	568	1,410	2,610	4,650	16,000	
06449500	LITTLE WHITE R NEAR ROSEBUD	1944-85	708	1,550	2,440	4,100	5,850	8,180	16,700	
06449700	LITTLE OAK CR NEAR MISSION	1956-80	32	135	306	765	1,420	2,510	8,360	
06449750	WEST BRANCH HORSE CR NEAR MISSION	1956-70	28	121	274	678	1,240	2,170	6,950	
06450500	LITTLE WHITE R BELOW WHITE RIVER	1930-85	1,770	4,050	6,430	10,800	15,300	21,100	41,500	
06451750	COTTONWOOD CR TRIB NEAR WINNER	1971-80	68	144	211	316	410	517	824	
06452000	WHITE R NEAR OACOMA	1929-85	10,000	17,400	23,500	32,500	40,300	49,000	73,400	
06452250	FIVEMILE CR TRIB NEAR IONA	1970-79	36	64	86	117	142	168	233	
06453000	MISSOURI RIVER AT FORT RANDALL DAM	1953-85	47,000	58,500	66,900	78,300	87,400	97,000	122,000	
06453150	CHOTEAU CR TRIB NEAR TRIPP	1970-79	30	86	147	260	374	518	994	
06453250	CHOTEAU CR TRIB NEAR WAGNER	1970-79	34	85	139	234	329	447	836	
06464500	KEYA PAHA R AT WEWELA	1939-85	687	1,610	2,580	4,340	6,130	8,420	16,300	
06467500	MISSOURI R AT YANKTON	1953-85	43,100	54,700	62,900	73,700	82,300	91,100	114,000	
06471000	JAMES R AT COLUMBIA	1946-85	480	1,470	2,440	4,010	5,360	6,850	10,700	
06471050	ELM R TRIB NEAR LEOLA	1956-80	52	145	248	434	624	861	1,650	
06471200	MAPLE R AT ND-SD STATE LINE	1957-85	377	1,320	2,470	4,720	7,090	10,100	20,500	
06471350	MAPLE R AT FREDRICK	1956-69	299	1,260	2,630	5,660	9,230	14,300	33,900	
06471400	WILLOW CR TRIB NEAR LEOLA	1956-80	16	39	63	105	148	203	390	
06471450	WILLOW CR TRIB NEAR BARNARD	1956-76	6.5	18	30	50	68	89	149	
06471500	ELM R AT WESTPORT	1947-85	678	2,680	5,230	10,300	15,500	22,300	44,300	

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Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected 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	
			Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:	Years:	Percent:
06472200	MUD CR TRIB NEAR GROTON	1960-80	30	114	221	433	657	944	1,900			
06472250	MUD CR TRIB NO 2 NEAR GROTON	1960-80	38	128	233	429	626	871	1,650			
06473000	JAMES R AT ASHTON	1946-85	548	1,380	2,230	3,710	5,160	6,930	12,600			
06473350	SOUTH FORK SNAKE CR TRIB NEAR SENECA	1971-80	18	35	47	63	76	88	117			
06473700	SNAKE CR NEAR ASHTON	1956-85	185	992	2,250	5,170	8,660	13,600	32,200			
06473750	WOLF CR NEAR REE HEIGHTS	1960-85	12	160	530	1,710	3,450	6,250	18,700			
06473800	MATTER CR TRIB NEAR ORIENT	1956-71	14	99	254	656	1,170	1,940	5,080			
06473820	SHAEFER CR NEAR ORIENT	1956-80	65	259	524	1,090	1,750	2,650	6,050			
06473850	SHAEFER CR TRIB NEAR ORIENT	1956-80	28	91	160	282	400	541	960			
06473880	SHAEFER CR TRIB NEAR MILLER	1956-80	16	62	123	247	384	568	1,230			
06474000	TURTLE CR NEAR TULARE	1954-85	69	772	2,490	8,120	16,800	31,600	106,000			
06474300	MEDICINE CR NEAR ZELL	1960-85	111	560	1,240	2,770	4,550	7,000	16,100			
06475000	JAMES R NEAR REDFIELD	1950-85	813	2,120	3,390	5,460	7,330	9,480	15,600			
06475550	DRY RUN TRIB NEAR FRANKFORT	1967-79	16	47	83	154	229	327	680			
06475950	SHUE CR TRIB NEAR YALE	1968-79	12	40	73	133	191	260	470			
06476000	JAMES R AT HURON	1929-85	1,290	2,930	4,450	6,910	9,150	11,700	19,300			
06476500	SAND CR NEAR ALPENA	1950-85	183	951	1,980	3,960	5,900	8,210	14,700			
06477000	JAMES R NEAR FORESTBURG	1920-85	1,410	3,940	6,540	11,000	15,100	20,000	34,400			
06477140	ROCK CR TRIB NEAR ROSWELL	1970-79	44	105	159	243	316	397	616			
06477400	FIRESTEEL CR TRIB NEAR WESSINGTON SPRINGS	1968-79	18	34	46	63	77	92	127			
06477500	FIRESTEEL CR NEAR MOUNT VERNON	1956-85	243	1,890	4,950	12,800	22,500	36,600	90,300			
06478050	ENEMY CR TRIB NEAR MOUNT VERNON	1969-79	28	59	85	125	160	198	304			
06478200	COFFEE CR TRIB NEAR PARKSTON	1968-79	23	45	65	96	124	156	250			
06478250	NORTH BRANCH DRY CR TRIB NEAR PARKSTON	1956-67	19	120	297	753	1,350	2,240	6,070			
06478260	NORTH BRANCH DRY CR NEAR PARKSTON	1956-78	87	422	937	2,150	3,650	5,810	14,600			
06478280	SOUTH BRANCH DRY CR NEAR PARKSTON	1956-80	50	184	367	775	1,260	1,970	4,890			
06478300	DRY CR NEAR PARKSTON	1956-80	119	501	1,060	2,370	3,990	6,350	16,300			
06478390	WOLF CR NEAR CLAYTON	1976-85	538	2,460	5,140	10,900	17,200	25,700	55,300			
06478400	LONETREE CR NEAR KAYLOR	1970-79	32	54	71	94	114	135	189			
06478500	JAMES R NEAR SCOTLAND	1929-85	2,030	4,960	7,890	13,000	17,800	23,800	42,500			
06478540	LITTLE VERMILLION R NEAR SALEM	1967-85	63	420	976	2,160	3,430	5,010	9,830			
06478630	WEST FORK VERMILLION R NEAR DE SMET	1970-79	9.8	25	41	67	93	123	216			
06478650	WEST FORK VERMILLION R NEAR MONROE	1969-79	39	70	97	138	174	216	338			
06478690	WEST FORK VERMILLION R NEAR PARKER	1962-85	485	1,760	3,280	6,120	8,950	12,400	23,300			
06478800	SADDLEROCK CR NEAR CANTON	1956-78	72	241	452	882	1,360	2,000	4,360			
06478820	SADDLEROCK CR TRIB NEAR BERESFORD	1956-80	16	46	80	141	201	275	511			
06478840	SADDLEROCK CR NEAR BERESFORD	1956-80	65	262	556	1,260	2,140	3,480	9,430			
06478950	ASH CR NEAR BERESFORD	1969-79	237	518	758	1,110	1,410	1,730	2,570			
06479020	SMOKY RUN NEAR IRENE	1969-79	18	37	54	81	105	133	213			

Table 1.--Magnitude and recurrence interval of instantaneous peak flow at selected 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					for recurrence interval, in percent				
			2	5	10	25	50	100	500			
			Years: 50	Percent: 20	10	4	2	1	0.2			
06479200	BIG SIOUX R NEAR ORTLEY	1956-68	141	394	655	1,100	1,530	2,030	3,530			
06479240	BIG SIOUX R TRIB NO 2 NEAR SUMMIT	1956-73	8.9	25	41	68	94	125	216			
06479260	BIG SIOUX R TRIB NO 3 NEAR SUMMIT	1956-78	94	331	591	1,040	1,440	1,910	3,170			
06479350	SOO CR TRIB NEAR SOUTH SHORE	1970-79	44	129	222	388	552	754	1,400			
06479438	BIG SIOUX R NEAR WATERTOWN	1973-85	569	1,350	2,100	3,340	4,470	5,790	9,700			
06479515	WILLOW CR NEAR WATERTOWN	1972-85	612	1,510	2,370	3,820	5,170	6,750	11,500			
06479529	STRAY HORSE CR NEAR CASTLEWOOD	1969-85	832	2,310	3,910	6,790	9,660	13,200	24,800			
06479550	DOLPH CR TRIB NEAR LAKE NORDEN	1970-79	17	33	46	64	77	92	126			
06479540	HIDEWOOD CR NEAR ESTELLINE	1969-85	831	1,520	2,050	2,790	3,370	3,970	5,480			
06479750	PEG MUNKY RUN NEAR ESTELLINE	1956-80	258	793	1,340	2,240	3,060	3,980	6,480			
06479800	NORTH DEER CR NEAR ESTELLINE	1956-80	171	711	1,500	3,330	5,580	8,870	22,800			
06479810	NORTH DEER CR TRIB NEAR BROOKINGS	1969-79	24	80	147	274	406	575	1,140			
06479900	SIXMILE CR TRIB NEAR BROOKINGS	1956-76	114	450	874	1,700	2,560	3,640	7,120			
06479950	DEER CR NEAR BROOKINGS	1956-80	55	253	515	1,030	1,560	2,220	4,250			
06480000	BIG SIOUX R NEAR BROOKINGS	1954-85	2,240	6,430	10,800	18,300	25,400	33,900	59,100			
06480720	BACHELOR CR TRIB NEAR WENTWORTH	1969-79	12	34	56	92	125	162	267			
06481000	BIG SIOUX R NEAR DELL RAPIDS	1949-85	3,070	8,400	13,800	22,800	31,100	40,800	69,100			
06481500	SKUNK CR AT SIOUX FALLS	1949-85	1,360	4,360	7,760	14,000	20,300	28,100	52,800			
06482020	BIG SIOUX R AT NORTH CLIFF AVE AT SIOUX FALLS	1969-85	3,550	7,800	12,000	19,200	26,300	35,000	63,600			
06482600	WEST PIPESTONE CR TRIB NEAR GARRETSON	1969-79	134	433	745	1,260	1,720	2,230	3,610			
06482610	SPLIT ROCK CR AT CORSON	1966-85	2,320	5,310	8,170	12,900	17,400	22,700	38,800			
06482870	LITTLE BEAVER CR TRIB NEAR CANTON	1956-73	25	44	59	80	98	118	172			
06485550	W UNION CR NEAR ALCESTER	1969-79	380	924	1,430	2,220	2,920	3,700	5,870			

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, volume, 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 flood 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 - Tables 2-186

Explanation

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.

The following codes are used:

DISCHARGE CODES

No code - Discharge is a maximum instantaneous value
1 - Discharge is a maximum daily average
2 - Discharge is an estimate
4 - Discharge less than indicated value, which is minimum recordable discharge at this site
5 - Discharge affected to unknown degree by regulation or diversion
6 - Discharge affected by regulation or diversion
7 - Discharge is a historic peak
9 - Discharge due to snowmelt, ice jam, or debris dam breakup

GAGE-HEIGHT CODES

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
4 - Gage height below minimum recordable elevation

TABLE 2.-- STATION 05289950, LITTLE MINNESOTA R TRIB AT SISSETON SD

STATION LOCATOR		DRAINAGE AREA:		4.21 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
453938 0970421		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT (FT)	NUMBER OF PARTIAL PEAKS
1970	04/27/70	16		4.25				0
1971	06/29/71	228		8.54				0
1972	03/16/72	175		10.22	1			0
1973	05/24/73	83		6.06				0
1974	03/03/74	20		8.24	1			0
1975	06/21/75	44		5.10				0
1976	03/20/76	30		9.85	1			0
1977	06/16/77	40		4.99				0
1978	07/01/78	315		9.78				0
1979	06/20/79	393		10.90				0

13

TABLE 3.-- STATION 05290300, NORTH FORK WHETSTONE R TRIB NEAR WILMOT SD

STATION LOCATOR		DRAINAGE AREA:		0.96 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
452602 0965733		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	06/15/70	24		3.66					0
1971	06/29/71	36		4.06					0
1972	07/26/72	28		3.82					0
1973	03/14/73	40		7.71	1				0
1974	03/03/74	8		4.92	1				0
1975	05/07/75	15		3.56	1				0
1976	03/20/76	8		7.09	1				0
1977	07/30/77	29		3.86					0
1978	06/30/78	37		4.10					0
1979	06/20/79	53		4.55					0

TABLE 8.-- STATION 06354860, SPRING CR NEAR HERREID SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
454852	1000628	DRAINAGE AREA:	220.00	SQ MI	
		GAGE DATUM:	1653.80	(NGVD)	
		BASE DISCHARGE:	40.00	CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES
1984	03/22/84	409		8.48	
	06/16/84	150		6.38	
	06/20/84	77		5.18	
1985	03/17/85	88		5.90	
					2
					0

TABLE 9.-- STATION 06355400, NORTH FORK GRAND R TRIB NEAR LODGEPOLE SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
455545	1023904	DRAINAGE AREA:	3.07	SQ MI	
		GAGE DATUM:			
		BASE DISCHARGE:			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES
1970	06/12/70	127		5.28	
1971	07/12/71	219		6.21	
1972	05/28/72	42		4.04	
1973	06/02/73	67		4.49	
1974	06/01/74	38		3.95	
1975	04/28/75	104		5.00	
1976	06/15/76	3		3.14	
1977	09/07/77	65		4.45	
1978	06/25/78	370		7.46	
1979	08/27/79	847		11.05	
					0
					0
					0
					0
					0
					0
					0
					0

TABLE 10.-- STATION 06355500, NORTH FORK GRAND R NEAR WHITE BUTTE SD

STATION LOCATOR		DRAINAGE AREA:		1190.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
454810 1022145		DRAINAGE AREA:		2275.00		SQ MI			
		GAGE DATUM:		400.00		CFS			
		BASE DISCHARGE:		400.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	05/04/84	244	6	3.79					0
1985	03/17/85	2200	6	8.10	1				0

TABLE 11.-- STATION 06356000, SOUTH FORK GRAND R AT BUFFALO SD

STATION LOCATOR		DRAINAGE AREA:		148.00	SQ MI				
LAT. LONG.		CONTRIBUTING							
453434 1033238		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:		2839.60	(NGVD)				
		BASE DISCHARGE:		200.00	CFS				
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	05/04/84	559		7.03	1				1
	06/10/84	393		6.10					
1985	08/08/85	471		6.73	2	7.09	03/16/85	1	1
	10/06/84	369		6.22					

TABLE 12.-- STATION 06356150, NORTH JACK CR NEAR LUDLOW SD

STATION LOCATOR		DRAINAGE AREA:		1.69 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
454715 1032343		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/25/70	20		4.24	1			0
1971	06/04/71	17		3.74				0
1972	05/09/72	11		3.46				0
1973	04/20/73	41		4.55				0
1974	03/13/74	10		4.04	1			0
1975	04/28/75	19		3.82				0
1976	06/14/76	15		3.64				0
1977	04/07/77	8		3.71	1			0
1978	06/25/78	145		6.68				0
1979	05/ /79	33		4.30				0

TABLE 13.-- STATION 06356500, SOUTH FORK GRAND R NEAR CASH SD

STATION LOCATOR		DRAINAGE AREA:		1350.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
453856 1023827		DRAINAGE AREA:		2416.00		SQ MI	
		GAGE DATUM:		500.00		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	1030		4.57				2
	559		3.62				
	653		3.85				
1985	2500		6.93	1			0

TABLE 14.-- STATION 06356600, SOUTH FORK GRAND R TRIB NEAR BISON SD

STATION LOCATOR		DRAINAGE AREA:		1.00 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
453554 1023928		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	05/30/70	5		3.06				0
1971	06/04/71	80		5.55				0
1972	05/25/72	14		3.47				0
1973	04/20/73	30		4.40	1			0
1974	08/23/74	14		3.55				0
1975	04/28/75	30		4.10				0
1976	07/03/76	32		4.18				0
1977	07/06/77	70		5.30				0
1978	06/29/78	183		7.76				0
1979	04/ /79	90		7.76	1			0

TABLE 15.-- STATION 06357500, GRAND R AT SHADEHILL SD

		STATION LOCATOR		DRAINAGE AREA:		SQ MI	
		LAT.	LONG.	CONTRIBUTING			
		454523	1021144	DRAINAGE AREA:		3120.00	
				GAGE DATUM:	2192.48		
				BASE DISCHARGE:			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	DISCHARGE	GAGE	GAGE-	MAX GAGE	NUMBER OF
YEAR	DISCHARGE	CODES	CODES	HEIGHT	HEIGHT	HEIGHT	GAGE- HEIGHT PARTIAL PEAKS
	(CFS)			(FT)	CODES	(FT)	CODES
1984	08/31/84	170	1	6			0
1985	10/01/84	135	6			3.50	0

TABLE 16.-- STATION 06357800, GRAND R AT LITTLE EAGLE SD

		STATION LOCATOR		DRAINAGE AREA:		SQ MI	
		LAT.	LONG.	CONTRIBUTING			
		453028	1004904	DRAINAGE AREA:		5370.00	
				GAGE DATUM:	1628.63		
				BASE DISCHARGE:			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	DISCHARGE	GAGE	GAGE-	MAX GAGE	NUMBER OF
YEAR	DISCHARGE	CODES	CODES	HEIGHT	HEIGHT	HEIGHT	GAGE- HEIGHT PARTIAL PEAKS
	(CFS)			(FT)	CODES	(FT)	CODES
1984	03/22/84	3490	6			7.80	0
1985	03/16/85	5500	6			10.67	0

TABLE 17.--- STATION 06358520, DEADMAN CR TRIB NEAR MOBRIDGE SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	STATION LOCATOR LAT. LONG. , 452815 1002954	DRAINAGE AREA: CONTRIBUTING		0.30	SQ MI	DRAINAGE AREA: GAGE DATUM:		SQ MI	BASE DISCHARGE:		
				DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES		MAX GAGE HEIGHT (FT)	DATE		GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/18/56	8			4.76								0
1957	05// /57	51			6.69								0
1958	03/24/58	20			5.42								0
1959	03// /59	1			4.00								0
1960	03// /60	4			4.56								0
1961	03// /61	6			4.67								0
1962	02/06/62	33			5.98	2		7.90	03/20/62		1		0
1963	05// /63	1			4.12								0
1964	06/17/64	180			12.07	1							0
1965	05// /65	9			4.86								0
1966	04// /66	1			4.29								0
1967	06/18/67	18			5.32								0
1968	06/30/68	10			4.84								0
1969	08/04/69	16			5.19								0
1970	04/21/70	18			5.36								0
1971	05/23/71	13			5.03								0
1972	05/01/72	18			5.31								0
1973	05/26/73	32			5.96								0
1974	10/11/73	19			5.35								0
1975	05/06/75	77			7.62								0
1976	06/15/76	4			4.46								0
1977	09/23/77	23			5.56								0
1978	05/11/78	20			5.44								0
1979	07/01/79	79			7.66								0
1980	06/02/80	109			8.73								0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 18.-- STATION 06358540, BLUE BLANKET CR TRIB NEAR GLENHAM SD

STATION LOCATOR		DRAINAGE AREA:		0.62		SQ MI			
LAT. LONG.		CONTRIBUTING							
453212 1001201		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	09/07/70	7		3.33					0
1971	06/17/71	9		3.48					0
1972	05/01/72	2		2.82					0
1973	03/14/73	4		3.51	1				0
1974	/ /74	4							0
1975	06/21/75	10		3.55					0
1976	06/15/76	5		3.19					0
1977	/ /77	3							0
1978	06/26/78	21		4.26					0
1979	07/01/79	5.6		3.22					0

TABLE 19.-- STATION 06358550, BATTLE CR TRIB NEAR CASTLE ROCK SD

STATION LOCATOR		DRAINAGE AREA:		1.57		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
450257 1033256		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	07/08/69	430		10.80					0
1970	06/12/70	60		4.69					0
1971	06/04/71	97		5.52					0
1972	06/25/72	536		12.72					0
1973	04/20/73	40		4.12					0
1974	07/20/74	61		4.71					0
1975	05/09/75	580		13.70					0
1976	06/17/76	135		6.26					0
1977	07/04/77	53		4.50					0
1978	07/20/78	189		7.21					0
1979	07/26/79	117		5.90					0

TABLE 20.-- STATION 06358600, SOUTH FORK MOREAU R TRIB NEAR REDIG SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	2.33 SQ MI	SQ MI	DATE	GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.							
				451145	1033409							
1956	07/ /56	72								2.44	0	0
1958	/ /58	1								2.08	0	0
1959	06/25/59	205								3.56	0	0
1960	03/20/60	30								2.98	1	0
1961	/ /61	0										0
1962	03/ /62	15								2.56	1	0
1963	06/ /63	170								3.55		0
1964	/ /64	0										0
1965	07/08/65	65								2.38		0
1966	03/13/66	40								3.20	1	0
1967	06/06/67	58								2.32		0
1968	08/24/68	65								2.38		0
1969	07/08/69	450								5.15		0
1970	05/11/70	40								2.20		0
1971	04/19/71	180								3.80		0
1972	05/11/72	70								2.42		0
1973	03/14/73	20								2.76	1	0
1974	04/11/74	30								2.40	1	0
1975	04/28/75	60								2.34		0
1976	06/23/76	80								3.17		0
1977	04/07/77	35								2.42	1	0
1978	06/29/78	120								3.35		0
1979	04/ /79	35								2.49	1	0
1980	08/16/80	150								3.35		0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 21.-- STATION 06358620, SAND CR TRIB NEAR REDIG SD

STATION LOCATOR		DRAINAGE AREA:		0.04		SQ MI			
LAT.	LONG.	CONTRIBUTING							
451321 1033256		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	07/ /56	14		2.64					0
1958	08/30/58	32		3.69					0
1959	06/29/59	5		2.07					0
1960	06/20/60	18		2.92					0
1961	08/17/61	12		2.55					0
1962	05/ /62	26		3.37					0
1963	06/ /63	25		3.32					0
1964	06/09/64	16		2.79					0
1965	05/ /65	18		2.89					0
1966	07/ /66	32		3.71					0
1967	06/06/67	35		3.85					0
1968	08/24/68	37		3.97					0
1969	07/08/69	64		5.31					0
1970	05/31/70	37		3.96					0
1971	04/19/71	13		2.58					0
1972	07/27/72	15		2.73					0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 24.-- STATION 06359700, THUNDER BUTTE CR TRIB NEAR MEADOW SD

STATION LOCATOR		DRAINAGE AREA:		3.00		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
452639 1020521		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	05/07/70	145		8.00					0
1971	03/13/71	35		6.43	1				0
1972	05/21/72	79		5.93					0
1973	04/20/73	20		3.76					0
1974	/ /74	5							0
1975	04/28/75	78		5.90					0
1976	/ /76	3							0
1977	07/06/77	40		4.60					0
1978	04/ /78	20		6.71	1				0
1979	04/ /79	5		3.35	1				0

TABLE 25.-- STATION 06359850, ELM CR TRIB NEAR DUPREE SD

STATION LOCATOR		DRAINAGE AREA:		4.16		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
450312 1013839		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	05/14/70	42		3.11					0
1971	05/23/71	110		3.66					0
1972	05/22/72	410		6.35					0
1973	05/27/73	61		3.22					0
1974	04/19/74	120		3.78					0
1975	04/28/75	494		6.89					0
1976	06/23/76	115		3.71					0
1977	06/21/77	245		5.07					0
1978	04/ /78	75		7.56	1				0
1979	04/ /79	25	2						0

TABLE 26.-- STATION 06360350, LITTLE MOREAU R TRIB NEAR FIRESTEEL SD

STATION LOCATOR		DRAINAGE AREA:		2.09 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
452416 1011330		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	06/12/70	1		2.71					0
1971	04/20/71	40		4.14					0
1972	05/22/72	34		4.01					0
1973	03/14/73	20		4.85	1				0
1974	/ /74	4							0
1975	04/28/75	75		5.45	1				0
1976	/ /76	1							0
1977	06/15/77	15		3.48					0
1978	04/ /78	78		4.89					0
1979	04/ /79	12		3.40					0

27

TABLE 27.-- STATION 06360500, MOREAU RIVER NEAR WHITEHORSE, SD

STATION LOCATOR		DRAINAGE AREA:		4880.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
451521 1005033		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:		1661.41 (NGVD)					
		BASE DISCHARGE:		1800.00 CFS					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/17/84	3780		10.27					4
	04/26/84	1880		6.88					
	05/06/84	2430		7.97					
	06/21/84	2970		8.95					
	06/23/84	2610		8.30					
1985	03/21/85	5920		13.35					0

TABLE 28.-- STATION 06361020, SWAN LAKE TRIB NEAR BOWDLE SD

STATION LOCATOR		DRAINAGE AREA:		27.10 SQ MI		
LAT.	LONG.	CONTRIBUTING		SQ MI		
452657	0994434	DRAINAGE AREA:				
		GAGE DATUM:				
		BASE DISCHARGE:				
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS						
WATER YEAR	PEAK DISCHARGE (CFS)	DATE	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	65	04/28/70		4.60		0
1971	75	04/08/71		4.80		0
1972	23	05/01/72		3.63		0
1973	15	03/14/73		5.01	1	0
1974	43	10/12/73		4.07		0
1975	11	05/19/75		3.33		0
1976	5	06/16/76		3.06		0
1977	3	03/ /77				0
1978	91	05/12/78		5.12		0
1979	6	04/ /79		3.11		0

TABLE 29.-- STATION 06395000, CHEYENNE R AT EDGE MONT SD

STATION LOCATOR		DRAINAGE AREA:		7143.00		SQ MI		
LAT. LONG.		CONTRIBUTING						
431820 1034914		DRAINAGE AREA:		3414.56		SQ MI		
		GAGE DATUM:		1500.00		CFS		
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	1460		4.94					0
1985	496		3.01	2	4.87	/	/85 1	0

TABLE 30.-- STATION 06396200, FIDDLE CR NEAR EDGE MONT SD

STATION LOCATOR		DRAINAGE AREA:		0.64 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
431816 1035946		DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	DATE	GAGE-- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/18/56	3		1.37				0
1957	05/24/57	41		2.82				0
1958	07/20/58	43		2.87				0
1959	09/24/59	4		1.46				0
1960	/ /60	1						0
1961	08/04/61	68		3.53				0
1962	07/14/62	26		2.34				0
1963	03/16/63	40		2.80				0
1964	06/14/64	19		2.10				0
1965	06/12/65	32		2.54				0
1966	07/22/66	13		1.86				0
1967	06/15/67	8		1.69				0
1968	06/25/68	30		2.49				0
1969	07/18/69	25		2.32				0
1970	04/23/70	2		1.24				0
1971	05/22/71	4		1.41				0
1972	02/29/72	1		1.18				0
1973	03/ /73	4		1.40				0
1974	07/19/74	19		2.12				0
1975	03/27/75	20		2.95	1			0
1976	07/06/76	37		2.72				0
1977	08/09/77	44		2.93				0
1978	05/04/78	18		2.17				0
1979	08/20/79	30		2.50				0
1980	06/15/80	275		7.89				0

TABLE 32.-- STATION 06396350, RED CANYON CR TRIB NEAR PRINGLE SD

STATION LOCATOR		DRAINAGE AREA:		0.20 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
433222 1033920		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	/ /70	5							0
1971	05/03/71	30		4.01					0
1972	02/29/72	7		3.81	1				0
1973	09/02/73	12							0
1974	04/ /74	5		4.02	1				0
1975	04/08/75	7		3.96	1				0
1976	/ /76	0							0
1977	/ /77	1							0
1978	/ /78	0							0
1979	/ /79	1	2						0

TABLE 33.-- STATION 06399300, HAT CR TRIB NEAR ARDMORE SD

STATION LOCATOR		DRAINAGE AREA:		3.74 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
430542 1034025 <th colspan="2">DRAINAGE AREA:</th> <th colspan="2">SQ MI</th>		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/01/56	1							0
1957	05/25/57	270							0
1958	07/11/58	11							0
1959	07/13/59	8							0
1961	07/29/61	10							0
1962	06/16/62	265							0
1963	03/16/63	510							0
1964	06/21/64	320							0
1965	05/24/65	255							0
1966	08/13/66	6							0
1967	06/15/67	300							0
1968	06/09/68	320							0
1969	03/19/69	45							0
1970	/ /70	0							0
1971	05/23/71	310							0
1972	05/10/72	1							0
1973	04/30/73	4							0
1974	04/11/74	94							0
1975	04/28/75	5							0
1976	07/20/76	338							0
1977	04/12/77	19							0
1978	05/07/78	50							0
1979	07/05/79	96							0

TABLE 34.-- STATION 06399700, PINE CR NEAR ARDMORE SD

STATION LOCATOR		DRAINAGE AREA:		7.36		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/17/56	1110		7.17					0
1957	05/25/57	1020		7.00					0
1958	07/12/58	590		6.17					0
1959	07/13/59	1110		7.16					0
1960	04/ /60	8		2.44					0
1961	07/29/61	295		5.32					0
1962	06/16/62	1440		7.72					0
1963	07/23/63	325		5.43					0
1964	06/21/64	1080		7.11					0
1965	07/23/65	1540		7.88					0
1966	09/ /66	930		6.84					0
1967	06/15/67	960		6.90					0
1968	06/09/68	1550		7.65					0
1969	07/21/69	330		5.44					0
1970	08/11/70	29		3.28					0
1971	05/23/71	900		6.78					0
1972	07/26/72	820		6.65					0
1973	07/20/73	710		6.44					0
1974	04/11/74	98		4.24					0

TABLE 35.-- STATION 06400000, HAT CR NEAR EDGE MONT SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
431446	1033516	DRAINAGE AREA:		1044.00	
		GAGE DATUM:	3295.71 (NGVD)		
		BASE DISCHARGE:	1000.00 CFS		
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES
1984	06/15/84	819		12.59	
1985	07/15/85	61		8.89	2
				9.39	03/16/85 1
					0

TABLE 36.-- STATION 06400900, HORSEHEAD CR TRIB NEAR SMITHWICK SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
431716	1031908	DRAINAGE AREA:		1.52	
		GAGE DATUM:			
		BASE DISCHARGE:			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES
1969	07/18/69	90		7.60	
1970	06/12/70	3		3.09	
1971	05/23/71	12		4.09	
1972	07/21/72	1		2.76	
1973	/ /73	7			
1974	/ /74	7			
1975	/ /75	7			
1976	02/10/76	3			
1977	08/22/77	15			
1978	08/27/78	66			
1979	/ /79	0			
				4.24	1
				4.23	
				6.50	
					0

TABLE 37.-- STATION 06401500, CHEYENNE R BELOW ANGOSTURA DAM SD

STATION LOCATOR		DRAINAGE AREA:		9100.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
432042 1032612		DRAINAGE AREA:		3058.02		SQ MI	
		GAGE DATUM:		(NGVD)			
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/16/84	2300	6	6.94			0
1985	04/03/85	2.5	6	2.96			0

TABLE 38.-- STATION 06402000, FALL R AT HOT SPRINGS SD

STATION LOCATOR		DRAINAGE AREA:		137.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
432550 1032833		DRAINAGE AREA:		3413.20		SQ MI	
		GAGE DATUM:		(NGVD)			
		BASE DISCHARGE:		135.00		CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	10/03/83	226	6	3.20			0
1985	07/15/85	449	6	3.69			0

TABLE 39.-- STATION 06402100, FALL RIVER TRIB AT HOT SPRINGS SD

STATION LOCATOR		DRAINAGE AREA:		3.81 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
432458 1032918		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	07/27/70	40		4.17				0
1971	05/30/71	1		2.68				0
1972	06/25/72	3		2.82				0
1973	/ /73	13						0
1974	/ /74	13						0
1975	06/19/75	19		3.48				0
1976	07/31/76	19		3.48				0
1977	07/04/77	53		4.60				0
1978	08/15/78	46		4.37				0
1979	06/16/79	29		3.80				0

36

TABLE 40.-- STATION 06402500, BEAVER CR NEAR BUFFALO GAP SD

STATION LOCATOR		DRAINAGE AREA:		130.00		SQ MI		
LAT. LONG.		CONTRIBUTING						
432756 1031822		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		3150.00		(NGVD)		
		BASE DISCHARGE:		24.00		CFS		
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/14/84	21		4.50	2	5.03	12/30/83 1	0
1985	12/04/84	13		4.20	2	4.57	02/09/85 1	0

TABLE 41.-- STATION 06403800, BATTLE CR TRIB NEAR KEYSTONE SD

STATION LOCATOR		DRAINAGE AREA:		0.63 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
435528 1032744		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/ /56	3		4.35					0
1957	06/04/57	4		4.52					0
1958	/ /58	0							0
1959	/ /59	0							0
1960	05/ /60	4		4.45					0
1961	05/ /61	1		4.09					0
1962	06/16/62	5		4.60					0
1963	06/21/63	4		4.50					0
1964	04/06/64	3		4.35					0
1965	05/25/65	9		4.90					0
1966	04/19/66	2		4.21					0
1967	06/23/67	16		5.41					0
1968	08/18/68	2		4.19					0
1969	04/07/69	4		4.51					0
1970	06/12/70	1							0
1971	05/31/71	4		4.50					0
1972	06/09/72	1330		18.80					0
1973	04/20/73	1		4.08					0
1974	/ /74	1							0
1975	04/08/75	2		4.25					0
1976	06/15/76	2		4.28					0
1977	05/ /77	1							0
1978	05/30/78	1		4.10					0
1979	07/04/79	15		5.36					0
1980	/ /80	1	4	4.00					0

TABLE 42.-- STATION 06404000, BATTLE CR NEAR KEYSTONE SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
435218	1032009	DRAINAGE AREA:			
		GAGE DATUM:	3800.00	(NGVD)	
		BASE DISCHARGE:	100.00	CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES
1984	06/11/84	327		4.72	
	06/15/84	260		4.56	
1985	03/18/85	34		3.63	
			2	4.02	01/02/85 1
					1
					0

TABLE 43.-- STATION 06406000, BATTLE CR AT HERMOSA SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI	
LAT.	LONG.	CONTRIBUTING			
434941	1031144	DRAINAGE AREA:			
		GAGE DATUM:	3290.00	(NGVD)	
		BASE DISCHARGE:	150.00	CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES
1984	06/11/84	189		4.84	
	06/15/84	183		4.79	
1985	07/15/85	593		7.60	
					1
					0

TABLE 44.-- STATION 06406100, BATTLE CR TRIB NEAR HERMOSA SD

STATION LOCATOR		DRAINAGE AREA:		3.49 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
435010 1030943		DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/ /70	25						0
1971	04/ /71	15						0
1972	06/10/72	100		4.44				0
1973	04/20/73	20						0
1974	/ /74	15						0
1975	/ /75	10						0
1976	06/15/76	20		2.81				0
1977	/ /77	5						0
1978	04/ /78	20		3.54	1			0
1979	/ /79	20	2	3.26	4			0

TABLE 45.-- STATION 06406750, SUNDAY GULCH NEAR HILL CITY SD

STATION LOCATOR DRAINAGE AREA: 6.56 SQ MI
LAT. LONG. CONTRIBUTING
435324 1033519 DRAINAGE AREA:
GAGE DATUM: SQ MI
BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	1							0
1957	04/ /57	59		3.55					0
1958	08/ /58	17		2.70					0
1959	/ /59	1							0
1960	07/11/60	7		2.36					0
1961	05/ /61	9		2.46					0
1962	06/16/62	15		2.65					0
1963	04/10/63	45		3.32					0
1964	06/09/64	24		2.88					0
1965	07/19/65	170		4.68					0
1966	04/19/66	2		2.18					0
1967	06/12/67	23		2.84					0
1968	/ /68	2							0
1969	07/17/69	15		2.64					0

TABLE 46.-- STATION 06406800, NEWTON FORK NEAR HILL CITY SD

STATION LOCATOR		DRAINAGE AREA:		8.17 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
435803 1033824		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	07/16/69	13		3.53					0
1970	05/13/70	8		3.47					0
1971	06/06/71	21		3.62					0
1972	06/15/72	27		3.70					0
1973	05/28/73	6		3.44					0
1974	07/18/74	50		4.13					0
1975	04/28/75	11		3.51					0
1976	06/15/76	45		4.04					0
1977	07/27/77	58		4.27					0
1978	05/19/78	51		4.16					0
1979	07/28/79	8		3.47					0

TABLE 47.-- STATION 06406900, PALMER CR NEAR HILL CITY SD

STATION LOCATOR		DRAINAGE AREA:		13.30 SQ MI			
LAT.	LONG.	CONTRIBUTING		SQ MI			
435612	1033036	DRAINAGE AREA:		SQ MI			
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
1956	05/ /56	97		4.22			
1957	06/04/57	117		4.58			
1958	06/ /58	20		3.18			
1959	/ /59	0.5					
1960	05/ /60	16		3.14			
1961	07/ /61	86		4.11			
1962	06/16/62	385		7.55			
1963	06/ /63	58		3.70			
1964	03/06/64	1		2.85			
1965	05/25/65	140		4.82			
1966	07/02/66	18		3.17			
1967	06/12/67	53		3.62			
1968	06/09/68	14		3.12			
1969	07/17/69	265		6.29			
1970	04/23/70	240		6.03			
1971	05/10/71	84		4.06			
1972	06/09/72	4370		17.06			
1973	05/28/73	93		4.19			
1974	07/18/74	59		3.73			
1975	04/08/75	100	2	7.02	1		
1976	06/15/76	103		4.30			
1977	08/08/77	74		3.96			
1978	05/30/78	67		4.01			
1979	07/15/79	38		3.49			
1980	05/ /80	7	2				

TABLE 48.-- STATION 06408500, SPRING CR NEAR HERMOSA SD

STATION LOCATOR		DRAINAGE AREA:		199.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
435630 1030933		DRAINAGE AREA:		3265.30		SQ MI (NGVD)			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/15/84	247		6.10	1				0
1985	03/20/85	14		2.52	2	3.37	/ 85	1	0

TABLE 49.-- STATION 06408850, SILVER CR NEAR ROCHFORD SD

STATION LOCATOR		DRAINAGE AREA:		6.23		SQ MI			
LAT. LONG.		CONTRIBUTING							
440724 1034153		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	09/09/69	13		4.17					0
1970	06/12/70	10		3.93					0
1971	05/10/71	6		3.64					0
1972	06/19/72	5		3.50					0
1973	05/10/73	4		3.44					0
1974	07/20/74	2		3.21					0
1975	04/28/75	6		3.60					0
1976	06/15/76	14		4.23					0
1977	04/27/77	7		3.68					0
1978	05/18/78	14		4.24					0
1979	07/04/79	3		3.34					0

TABLE 50.-- STATION 06408900, HEELEY CR NEAR HILL CITY SD

STATION LOCATOR		DRAINAGE AREA:		4.88 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
435857	1035002	DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	05/03/69	15							0
1970	06/12/70	10		3.47					0
1971	04/17/71	15							0
1972	05/11/72	5		3.11					0
1973	04/15/73	8		4.33	1				0
1974	05/ /74	3		5.01	1				0
1975	04/08/75	20		5.88	1				0
1976	06/15/76	6		3.14					0
1977	08/08/77	5		3.08					0
1978	05/18/78	14		3.74					0
1979	04/ /79	5	2						0

TABLE 51.-- STATION 06409000, CASTLE CREEK ABOVE DEERFIELD RESERVOIR NR HILL CITY SD

STATION LOCATOR		DRAINAGE AREA:		79.00		SQ MI		
LAT.	LONG.	CONTRIBUTING		SQ MI				
440049 1034948		DRAINAGE AREA:		5910.00		(NGVD)		
		GAGE DATUM:		100.00		CFS		
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	07/16/84	122	6.31					0
1985	03/25/85	34	5.53	2	6.48	11/23/84	1	0

TABLE 52.-- STATION 06410000, CASTLE CR BELOW DEERFIELD DAM SD

STATION LOCATOR		DRAINAGE AREA:		96.00	SQ MI				
LAT. LONG.		CONTRIBUTING							
440145 1034653		DRAINAGE AREA:		5784.52	SQ MI (NGVD)				
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/16/84	44	1	6	3.85				0
1985	07/25/85	35		6	4.44				0

TABLE 53.-- STATION 06410500, RAPID CR ABOVE PACTOLA RES NEAR SILVER CITY SD

STATION LOCATOR		DRAINAGE AREA:		292.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
440505 1033448		DRAINAGE AREA:		4620.00		SQ MI	
		GAGE DATUM:				(NGVD)	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	08/03/84	198	6	2	5.79	05/11/84	0
1985	04/01/85	75	6	2	6.08	03/02/85	0

TABLE 54.-- STATION 06411500, RAPID CR BELOW PACTOLA DAM SD

STATION LOCATOR		DRAINAGE AREA:		320.00		SQ MI		
LAT.	LONG.	CONTRIBUTING						
440436 1032854		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		4406.00		(NGVD)		
BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	222	1	8.28					0
1985	144	6	8.07	2	8.09	07/12/85	1	0

TABLE 55.-- STATION 06412500, RAPID CR ABOVE CANYON LAKE NEAR RAPID CITY SD

STATION LOCATOR		DRAINAGE AREA:		371.00		SQ MI		
LAT.	LONG.	CONTRIBUTING						
440304 1031847		DRAINAGE AREA:		3405.39		SQ MI		
		GAGE DATUM:				(NGVD)		
BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	249	6	4.44					0
1985	134	6	3.94	2	5.12	01/01/85	1	0

TABLE 56.-- STATION 06414000, RAPID CR AT RAPID CITY SD

STATION LOCATOR		DRAINAGE AREA:		410.00	SQ MI			
LAT.	LONG.	CONTRIBUTING						
440509	1031431	DRAINAGE AREA:		3230.00	SQ MI			
		GAGE DATUM:			(NGVD)			
BASE DISCHARGE:								
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	414		6		5.48			0
1985	300		6		5.13			0

TABLE 57.-- STATION 06421500, RAPID CR NEAR FARMINGDALE SD

STATION LOCATOR		DRAINAGE AREA:		602.00		SQ MI		
LAT. LONG.		CONTRIBUTING						
435631 1025112		DRAINAGE AREA:		2700.00		SQ MI		
		GAGE DATUM:				(NGVD)		
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	620	6	8.07	2	8.50	06/16/84	1	0
1985	340	6	6.93	2	8.39	03/07/85	1	0

TABLE 58.-- STATION 06421750, RAPID CR TRIB NEAR FARMINGDALE SD

STATION LOCATOR		DRAINAGE AREA:		1.50	SQ MI				
LAT.	LONG.	CONTRIBUTING							
435630	1024843	DRAINAGE AREA:			SQ MI				
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/25/70	35		3.87					0
1971	03/25/71	10		4.35					0
1972	03/12/72	8		3.86	1				0
1973	03/23/73	10		4.02	1				0
1974	02/ /74	2		3.81	1				0
1975	04/28/75	10		5.99	1				0
1976	06/15/76	18		3.22					0
1977	04/08/77	5		3.51	1				0
1978	04/ /78	10		5.20	1				0
1979	07/04/79	2	2						0

TABLE 59.-- STATION 06422500, BOXELDER CR NEAR NEMO SD

STATION LOCATOR		DRAINAGE AREA:		96.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
440838 1032716		DRAINAGE AREA:		4320.27		SQ MI			
		GAGE DATUM:		(NGVD)					
		BASE DISCHARGE:		100.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/15/84	215		3.44					2
	05/10/84	131		2.96					
	06/10/84	151		3.09					
1985	03/18/85	129		2.95	2	3.29	03/16/85	1	0

TABLE 60.-- STATION 06423500, CHEYENNE RIVER NEAR WASTA, SD

STATION LOCATOR		DRAINAGE AREA:		1280.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
440452 1022403		DRAINAGE AREA:							
		GAGE DATUM:		2260.78		SQ MI			
		BASE DISCHARGE:		3300.00		(NGVD)			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	04/27/84	6370	6	6.25	2	6.40	/84	1	0
1985	08/20/85	1480	6	3.24	2	4.08	03/15/85	1	0

TABLE 61.-- STATION 06425500, ELK CR NEAR ELM SPRINGS SD

STATION LOCATOR		DRAINAGE AREA:		540.00	SQ MI				
LAT.	LONG.	CONTRIBUTING							
441454 1023010		DRAINAGE AREA:							
		GAGE DATUM:	2304.49	SQ MI					
		BASE DISCHARGE:	400.00	(NGVD)					
				CFS					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	05/04/84	890		8.70					1
	06/12/84	759		8.51					
1985	03/20/85	73		5.50	2	5.84	01/28/85		0

TABLE 62.-- STATION 06428500, BELLE FOURCHE R AT WY-SD STATE LINE

STATION LOCATOR		DRAINAGE AREA:		3280.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
444459 1040249		DRAINAGE AREA:		3095.70		SQ MI (NGVD)			
		GAGE DATUM:		1000.00		CFS			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/19/84	3570	6	13.99					0
1985	03/20/85	615	6	6.86	2	8.77	03/17/85	1	0

TABLE 63.-- STATION 06430500, REDWATER CR AT WY-SD STATE LINE

STATION LOCATOR		DRAINAGE AREA:		471.00	SQ MI			
LAT.	LONG.	CONTRIBUTING						
443426	1040254	DRAINAGE AREA:			SQ MI			
		GAGE DATUM:		3410.00	(NGVD)			
		BASE DISCHARGE:		150.00	CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/16/84	1960		10.89				1
	06/10/84	356		4.92				
1985	10/04/84	78		3.07	2	3.86	12/19/84 1	0

TABLE 64.-- STATION 06431500, SPEARFISH CR AT SPEARFISH SD

STATION LOCATOR		DRAINAGE AREA:		168.00	SQ MI			
LAT. LONG.		CONTRIBUTING						
442857 1035140		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:		3640.00	(NGVD)			
		BASE DISCHARGE:		150.00	CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/17/84	285	7.31					0
1985	04/17/85	89	6.59	2	8.33	02/01/85	1	0

TABLE 65.-- STATION 06432200, POLO CR NEAR WHITEWOOD SD

STATION LOCATOR		DRAINAGE AREA:		10.30		SQ MI			
LAT. LONG.		CONTRIBUTING							
442749 1034341		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	0							0
1957	05/25/57	94		2.52					0
1958	07/02/58	270		2.94					0
1959	/ /59	0							0
1960	/ /60	0							0
1961	/ /61	0							0
1962	05/22/62	264		2.93					0
1963	04/29/63	270		2.94					0
1964	06/09/64	794		3.77					0
1965	05/14/65	1060		4.10					0
1966	/ /66	0							0
1967	04/14/67	1700		4.68					0
1968	/ /68	0							0
1969	05/04/69	168		2.73					0
1970	06/12/70	370		3.28					0
1971	05/10/71	190		2.78					0
1972	06/19/72	550		3.43					0

TABLE 66.-- STATION 064322230, MILLER CR NEAR WHITEWOOD SD

STATION LOCATOR		DRAINAGE AREA:		5.23		SQ MI			
LAT. LONG.		CONTRIBUTING							
442828 1034415		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	0							0
1957	/ /57	0							0
1958	07/02/58	127		2.90					0
1959	/ /59	0							0
1960	/ /60	0							0
1961	/ /61	0							0
1962	05/22/62	180							0
1963	04/29/63	64		3.10					0
1964	06/09/64	275		2.63					0
1965	05/14/65	330		3.48					0
1966	/ /66	7		3.68					0
1967	/ /67	11							0

TABLE 67.-- STATION 06433000, REDWATER RIVER ABOVE BELLE FOURCHE SD

STATION LOCATOR		DRAINAGE AREA:		920.00		SQ MI			
LAT.	LONG.	CONTRIBUTING		SQ MI					
444002 1035020		DRAINAGE AREA:		3000.00		(NGVD)			
		GAGE DATUM:		500.00		CFS			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/15/84	3950		7.46					1
	05/01/84	580		3.69					
1985	01/05/85	210		3.08	12	10.99	02/03/85	1	0

TABLE 70.-- STATION 06436000, BELLE FOURCHE R NEAR FRUITDALE SD

STATION LOCATOR		DRAINAGE AREA:		4540.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
444127 1034414		DRAINAGE AREA:		2925.00		SQ MI	
		GAGE DATUM:		(NGVD)			
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/20/84	4330	6	9.73			0
1985	08/06/85	23	6	3.29			0

TABLE 71.-- STATION 06437000, BELLE FOURCHE R NEAR STURGIS SD

STATION LOCATOR		DRAINAGE AREA:		5870.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
443047 1030811		DRAINAGE AREA:		2526.13		SQ MI	
		GAGE DATUM:		1500.00		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/16/84	9560	6	12.15			0
1985	03/20/85	2770	6	7.48			0

TABLE 72.-- STATION 06437100, BOULDER CR NEAR DEADWOOD SD

STATION LOCATOR		DRAINAGE AREA:		1.32 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
442328 1033938		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	0							0
1957	05/25/57	24		4.50					0
1958	07/02/58	139		7.22					0
1959	/ /59	0							0
1960	03/ /60	10		4.13					0
1961	/ /61	0							0
1962	06/15/62	210		8.46					0
1963	04/29/63	34		4.76					0
1964	06/09/64	179		7.93					0
1965	05/14/65	202		8.32					0
1966	04/12/66	1		4.49	1				0
1967	06/15/67	68		5.66					0
1968	06/25/68	13		4.20					0
1969	05/04/69	21		4.42					0
1970	06/12/70	206		8.38					0
1971	05/23/71	61		5.48					0
1972	06/09/72	59		5.59					0
1973	04/23/73	45		5.93	1				0
1974	04/20/74	30		5.86	1				0
1975	05/08/75	32		4.85					0
1976	06/14/76	323		11.45					0
1977	04/09/77	35		4.61	1				0
1978	05/10/78	48		5.28					0
1979	04/ /79	40	2						0
1980	/ /80	5	2						0

TABLE 73.-- STATION 06438000, BELLE FOURCHE RIVER NEAR ELM SPRINGS

STATION LOCATOR		DRAINAGE AREA:		721.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
442211 1023356		DRAINAGE AREA:		2171.60		SQ MI	
		GAGE DATUM:		3500.00		CFS	
		BASE DISCHARGE:		GAGE-HEIGHT CODE COLUMNS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/11/84	9660	9.37				0
1985	03/20/85	5630	6.99				0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 74.-- STATION 06439000, CHERRY CR NEAR PLAINVIEW SD

STATION LOCATOR		DRAINAGE AREA:		1190.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
444435 1020311		DRAINAGE AREA:		2158.06		SQ MI	
		GAGE DATUM:		1000.00		(NGVD)	
		BASE DISCHARGE:		1000.00		CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/19/84	3850	14.54				1
	06/22/84	1030	9.56				
1985	03/21/85	1390	10.08				0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 75.-- STATION 06439050, CHERRY CR TRIB NEAR AVANCE SD

STATION LOCATOR		DRAINAGE AREA:		0.60		SQ MI			
LAT.	LONG.	CONTRIBUTING							
444833 1020318		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/ /56	5		3.16	1				0
1957	05/25/57	31		3.22					0
1958	/ /58	0							0
1959	03/ /59	2		2.68	1				0
1960	03/21/60	16		2.80					0
1961	07/27/61	30		3.20					0
1962	05/21/62	208		6.58					0
1963	04/10/63	32		3.27					0
1964	06/08/64	23		2.99					0
1965	03/28/65	12		2.68					0
1966	04/12/66	50		5.13	1				0
1967	06/13/67	275		7.57					0
1968	06/25/68	18		2.85					0
1969	06/25/69	21		2.94					0
1970	08/05/70	20		3.19					0
1971	06/18/71	59		4.11					0
1972	05/22/72	15		3.07					0
1973	03/ /73	10		3.06	1				0
1974	04/12/74	5		2.78					0
1975	04/28/75	215		7.19					0
1976	04/16/76	12		2.98	1				0
1977	08/27/77	60		4.12					0
1978	03/ /78	30		8.88	1				0
1979	06/20/79	12		2.98					0
1980	08/20/80	160		6.27					0

TABLE 76.-- STATION 06439060, CHERRY CR TRIB NO 2 NEAR AVANCE SD

STATION LOCATOR									
LAT. LONG.									
444815 1020318									
DRAINAGE AREA: CONTRIBUTING									
DRAINAGE AREA: GAGE DATUM:									
BASE DISCHARGE:									
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/ /56	8		2.28					0
1957	05/20/57	8		2.27					0
1958	/ /58	0							0
1959	03/09/59	2		1.93	1				0
1960	03/21/60	8		2.28					0
1961	07/27/61	4		1.98					0
1962	05/21/62	119		6.98					0
1963	07/15/63	2		1.83					0
1964	05/06/64	1		1.72					0
1965	03/28/65	6		2.17					0
1966	04/12/66	1		1.67					0
1967	06/13/67	46		4.22					0
1968	06/25/68	5		2.09					0
1969	04/29/69	48		4.32					0
1970	05/08/70	8		2.28					0
1971	05/23/71	45		4.18					0
1972	05/22/72	8		2.33					0
1973	/ /73	7							0

TABLE 77.-- STATION 06439080, CHERRY CR TRIB NO 3 NEAR AVANCE SD

STATION LOCATOR		DRAINAGE AREA:		4.58 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
445103 1020236		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/ /56	20		4.51	1				0
1957	05/25/57	360		4.32					0
1958	06/ /58	1		2.30					0
1959	/ /59	0							0
1960	03/21/60	125		3.53					0
1961	/ /61	0							0
1962	05/21/62	2280		6.96					0
1963	07/26/63	8		2.58					0
1964	06/08/64	145		3.63					0
1965	05/24/65	150		3.65					0
1966	04/12/66	27		2.82					0
1967	06/13/67	850		5.31					0
1968	06/25/68	6		2.53					0
1969	07/17/69	290		4.14					0
1970	06/12/70	92		3.36					0
1971	05/23/71	980		5.48					0
1972	05/02/72	55		3.11					0
1973	05/27/73	78		3.29					0
1974	04/12/74	140		3.58					0
1975	05/09/75	780		5.19					0
1976	06/15/76	26		2.84					0
1977	06/22/77	20		2.76					0
1978	03/ /78	25		5.47	1				0
1979	06/20/79	10		2.58					0
1980	06/04/80	42		3.00					0

TABLE 78.--- STATION 06439100, BEAVER CR NEAR FAITH SD

STATION LOCATOR		DRAINAGE AREA:		37.10 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
445621 1020237		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/ /56	70		7.21	1				0
1957	08/21/57	115		5.97					0
1958	06/08/58	160		6.63					0
1959	03/10/59	35		4.67	1				0
1960	03/21/60	170		8.15	1				0
1961	03/ /61	1		2.25	1				0
1962	05/21/62	3300		11.85					0
1963	06/15/63	190		7.09					0
1964	06/08/64	210		7.19					0
1965	06/02/65	5000		12.70					0
1966	07/21/66	26		4.33					0
1967	06/13/67	2600		11.32					0
1968	06/25/68	220		7.25					0
1969	07/17/69	1350		10.13					0
1970	04/24/70	175		7.89	1				0
1971	05/23/71	845		9.31					0
1972	05/02/72	350		8.02					0
1973	05/27/73	135		6.55					0
1974	04/12/74	50							0
1975	05/09/75	400		8.22					0
1976	06/15/76	72		5.52					0
1977	05/21/77	48		4.97					0
1978	06/30/78	102		6.03					0
1979	06/20/79	70		6.22					0
1980	/ /80	4							0

TABLE 79.--- STATION 06439300, CHEYENNE RIVER AT CHERRY CREEK, SD

STATION LOCATOR		DRAINAGE AREA:		2390.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
443610 1012924		DRAINAGE AREA:		1699.29		SQ MI			
		GAGE DATUM:		5500.00		(NGVD)			
		BASE DISCHARGE:		5500.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/17/84	20900	6	10.46					0
1985	03/17/85	7320	6	6.40					0

TABLE 80.--- STATION 06439400, PLUM CR TRIB NEAR MILESVILLE SD

STATION LOCATOR		DRAINAGE AREA:		0.50		SQ MI			
LAT. LONG.		CONTRIBUTING							
442134 1012542		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	07/13/70	19		4.07					0
1971	06/06/71	23		4.25					0
1972	05/01/72	35		4.75					0
1973	06/02/73	5		3.35					0
1974	05/19/74	265		12.13					0
1975	04/09/75	10		4.92	1				0
1976	/ /76	0							0
1977	03/12/77	7		4.13	1				0
1978	04/18/78	11		3.71					0
1979	06/ /79	3	2						0

TABLE 81.-- STATION 06441000, BAD R NEAR MIDLAND SD

STATION LOCATOR		DRAINAGE AREA:		1460.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
440401 1010936		DRAINAGE AREA:		1849.14		SQ MI			
		GAGE DATUM:		500.00		(NGVD)			
		BASE DISCHARGE:		500.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/21/84	1160		11.04					0
1985	03/19/85	95		5.60					0

TABLE 82.-- STATION 06441200, POWELL CR TRIB NEAR FORT PIERRE SD

STATION LOCATOR		DRAINAGE AREA:		0.40		SQ MI			
LAT. LONG.		CONTRIBUTING							
442239 1003516		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	08/10/70	211		8.07					0
1971	04/21/71	24		3.94					0
1972	05/01/72	33		4.23					0
1973	03/14/73	25		4.99	1				0
1974	04/20/74	76		5.39					0
1975	05/22/75	13		3.47					0
1976	03/09/76	3		4.80	1				0
1977	06/21/77	75		5.37					0
1978	04/ /78	92		5.79					0
1979	06/ /79	5	2						0

TABLE 85.-- STATION 06441580, HILGERS GULCH AT PIERRE SD

STATION LOCATOR		DRAINAGE AREA:		6.49		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
442210 1002030		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1967	06/18/67	1320		13.80					0
1968	06/09/68	1010		12.38					0
1969	07/17/69	455		9.23					0
1970	08/07/70	344		8.44					0
1971	06/09/71	498		9.50					0
1972	07/09/72	42		6.40					0
1973	/ /73	160							0
1974	/ /74	5							0
1975	09/16/75	596		10.11					0
1976	/ /76	3							0
1977	09/23/77	4		5.78					0
1978	04/17/78	75		8.94	1				0
1979	07/23/79	25	2						0

TABLE 86.--- STATION 06441650, MUSH CR NEAR PIERRE SD

STATION LOCATOR		DRAINAGE AREA:		14.20 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
442013 1001242		DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/10/56	3620		7.49				0
1957	11/02/56	80		2.14				0
1958	03/ /58	20		2.32	1			0
1959	07/14/59	210		2.78				0
1960	05/18/60	2070		6.30				0
1961	07/25/61	75		1.75				0
1962	06/15/62	1680		5.82				0
1963	06/06/63	686		4.20				0
1964	05/02/64	300		3.15				0
1965	04/23/65	100		2.02				0
1966	07/13/66	1900		6.08				0
1967	06/18/67	500		3.77				0
1968	06/07/68	660		4.12				0
1969	06/25/69	2320		6.42				0
1970	08/07/70	1990		6.08				0
1971	06/09/71	1770		5.86				0
1972	07/21/72	2380		6.50				0
1973	/ /73	32						0
1974	/ /74	32						0
1975	08/28/75	920		4.66				0
1976	03/20/76	30		4.02	1			0
1977	07/02/77	1070		4.91				0
1978	04/17/78	20						0
1979	06/ /79	10	2					0
1980	08/20/80	15						0

TABLE 87.-- STATION 06441670, MISSOURI R TRIB NEAR PIERRE SD

STATION LOCATOR		DRAINAGE AREA:		0.42 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
442009 1001139		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/10/56	705		10.38				0
1957	06/10/57	43		2.53				0
1958	03/ /58	5		2.47	1			0
1959	05/30/59	62		2.97				0
1960	05/18/60	559		9.24				0
1961	06/ /61	43		2.54				0
1962	06/15/62	147		4.43				0
1963	06/06/63	110		3.86				0
1964	05/02/64	24		2.10				0
1965	03/ /65	10		2.15	1			0
1966	07/13/66	160		4.62				0
1967	06/18/67	38		2.43				0
1968	04/22/68	34		2.34				0
1969	06/25/69	65		3.02				0
1970	08/07/70	158		4.60				0
1971	07/10/71	33		2.32				0
1972	07/21/72	210		5.33				0
1973	05/27/73	7		1.80				0
1974	05/28/74	33		2.32				0

TABLE 88.-- STATION 06441750, MISSOURI R TRIB NEAR CANNING SD

STATION LOCATOR		DRAINAGE AREA:		0.19 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
441957 1000954		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/10/56	172		6.40					0
1957	06/10/57	63		3.88					0
1958	03/ /58	1		2.45	1				0
1959	07/14/59	87		4.52					0
1960	05/18/60	284		7.40					0
1961	06/ /61	66		3.97					0
1962	06/15/62	162		6.22					0
1963	06/06/63	64		3.93					0
1964	07/10/64	88		4.59					0
1965	04/23/65	76		4.26					0
1966	07/13/66	198		6.90					0
1967	07/18/67	135		5.66					0
1968	06/07/68	60		3.79					0
1969	07/17/69	43		3.29					0
1970	08/07/70	120		5.32					0
1971	06/09/71	43		3.27					0
1972	07/21/72	43		3.29					0
1973	05/27/73	8		1.91					0
1974	05/28/74	21		2.48					0

TABLE 89.-- STATION 06442000, MEDICINE KNOLL CR NEAR BLUNT SD

STATION LOCATOR		DRAINAGE AREA:		317.00		SQ MI	
LAT.	LONG.	CONTRIBUTING					
443346 0995450		DRAINAGE AREA:		SQ MI			
		GAGE DATUM:		1611.08		(NGVD)	
		BASE DISCHARGE:		50.00		CFS	

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/22/84	235		11.24					1
	06/10/84	53		9.76					
1985	/ /85	0.7							0

TABLE 90.-- STATION 06442050, MISSOURI R TRIB NEAR DEGREY SD

STATION LOCATOR		DRAINAGE AREA:		1.73 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
441745 0995858		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/07/56	976		6.99					0
1957	06/10/57	750		5.96					0
1958	03/ /58	10		1.50	1				0
1959	09/18/59	71		1.85					0
1960	08/24/60	485		4.60					0
1961	06/ /61	67		1.81					0
1962	06/15/62	745		5.93					0
1963	06/06/63	660		5.52					0
1964	07/10/64	310		3.60					0
1965	04/23/65	120		2.28					0
1966	07/13/66	240		3.12					0
1967	06/18/67	575		5.08					0
1968	04/22/68	91		2.05					0
1969	07/17/69	86		2.00					0
1970	06/15/70	580		5.09					0
1971	04/27/71	68		1.83					0
1972	07/21/72	118		2.28					0
1973	05/27/73	45		1.57					0
1974	05/28/74	38		1.50					0
1975	04/28/75	170		2.70					0
1976	03/20/76	20							0
1977	07/02/77	295		3.51					0
1978	04/17/78	192		2.85					0
1979	06/19/79	385		4.04					0
1980	08/20/80	115		2.25					0

TABLE 91.-- STATION 06442350, NORTH FORK MEDICINE CR NEAR VIVIAN SD

STATION LOCATOR
LAT. LONG.
435706 1001925

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
47.00 SQ MI

GAGE DATUM:
BASE DISCHARGE:
SQ MI

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/24/56	36		2.62					0
1957	04/18/57	195		3.83					0
1958	04/07/58	56		2.92					0
1959	/ /59	0							0
1960	04/03/60	1080		7.05					0
1961	06/14/61	61		3.79					0
1962	06/25/62	665		7.78					0
1963	06/06/63	87		4.77					0
1964	04/27/64	95		4.47					0
1965	/ /65	0							0
1966	03/14/66	120		7.40	1				0
1967	05/30/67	15		2.48					0
1968	06/09/68	230		5.87					0
1969	05/19/69	118		4.91					0
1970	05/28/70	550		7.39					0
1971	04/20/71	350		7.15					0
1972	05/13/72	60		3.83					0
1973	05/27/73	14		2.46					0
1974	/ /74	5							0
1975	04/29/75	42		3.41					0
1976	03/20/76	15							0
1977	03/29/77	75		6.06	1				0
1978	/ /78	50		7.92	1				0
1979	/ /79	5	2						0
1980	08/16/80	30							0

TABLE 92.-- STATION 06442380, MEDICINE CR TRIB NEAR VIVIAN SD

STATION LOCATOR DRAINAGE AREA: 0.29 SQ MI
 LAT. LONG. CONTRIBUTING
 440547 1001939 DRAINAGE AREA:
 GAGE DATUM:
 BASE DISCHARGE:

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/10/56	37		3.91					0
1957	04/18/57	202		7.81					0
1958	04/06/58	50		4.32					0
1959	09/01/59	214		8.03					0
1960	05/18/60	128		6.29					0
1961	06/14/61	18		3.20					0
1962	06/15/62	302		9.72					0
1963	03/ /63	15		3.09					0
1964	05/03/64	104		5.71					0
1965	04/03/65	15		3.50	1				0
1966	03/14/66	25		5.42	1				0
1967	03/28/67	20		3.70	1				0
1968	04/22/68	23		3.35					0
1969	04/01/69	20							0
1970	05/28/70	38		3.87					0
1971	04/20/71	10							0
1972	02/ /72	2							0
1973	/ /73	5							0

TABLE 93.-- STATION 06442400, MEDICINE CR TRIB NO 2 NEAR VIVIAN SD

STATION LOCATOR		DRAINAGE AREA:		9.21 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
440203 1001928		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/19/56	50							0
1957	04/18/57	340							0
1958	04/06/58	120							0
1959	09/18/59	35							0
1960	03/26/60	475							0
1961	06/14/61	60							0
1962	03/27/62	180							0
1963	06/06/63	72							0
1964	05/03/64	185							0
1965	04/03/65	12							0
1966	03/14/66	95							0
1967	06/09/67	47							0
1968	06/07/68	180							0
1969	04/01/69	115							0
1970	04/18/70	75							0
1971	04/20/71	390							0
1972	05/13/72	136							0
1973	05/27/73	65				6.71			0
1974	05/28/74	65				4.66			0
1975	04/29/75	55				3.74			0
1976	/ /76	3				3.74			0
1977	03/29/77	35				3.60			0
1978	/ /78	40				5.74	1		0
1979	07/23/79	35				5.57	1		0
1980	08/ /80	0				3.32			0

TABLE 96.-- STATION 06446000, WHITE R NEAR OGLALA SD

STATION LOCATOR		DRAINAGE AREA:		2200.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
431517 1024929		DRAINAGE AREA:		2853.54		SQ MI			
		GAGE DATUM:		800.00		CFS			
		BASE DISCHARGE:		800.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	05/03/84	515		11.44					0
1985	03/23/85	120		6.85	2	7.54	03/18/85	1	0

TABLE 97.-- STATION 06446250, PORCUPINE CR TRIB NEAR ROCKYFORD SD

STATION LOCATOR		DRAINAGE AREA:		1.65		SQ MI			
LAT.	LONG.	CONTRIBUTING							
432605 1022545		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE-HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE-HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1968	06/ /68	500	7	10.70					0
1970	06/12/70	41		3.03					0
1971	09/05/71	58		3.37					0
1972	07/24/72	288		7.34					0
1973	03/14/73	217		6.15					0
1974	07/18/74	484		10.40					0
1975	06/16/75	268		7.00					0
1976	07/21/76	363		8.59					0
1977	08/09/77	353		8.42					0
1978	08/27/78	338		8.16					0
1979	07/04/79	346		8.30					0

TABLE 98.-- STATION 06446400, CAIN CR TRIB AT IMLAY SD

STATION LOCATOR
LAT. LONG.
434259 1022323

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
15.80 SQ MI
SQ MI

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/08/56	320		4.90					0
1957	05/19/57	1440		7.98					0
1958	07/04/58	1030		7.03					0
1959	05/04/59	840		6.50					0
1960	08/ /60	730		6.20					0
1961	08/ /61	220		4.44					0
1962	06/15/62	3300		11.57					0
1963	05/31/63	1280		7.64					0
1964	06/17/64	2110		9.34					0
1965	05/15/65	1710		8.55					0
1966	08/20/66	1750		8.61					0
1967	06/12/67	550		5.65					0
1968	06/07/68	1300		7.71					0
1969	07/20/69	630		5.93					0
1970	06/12/70	185		4.23					0
1971	05/23/71	350		4.95					0
1972	06/19/72	205		4.25					0
1973	05/27/73	275		4.61					0
1974	07/22/74	335		4.89					0
1975	06/18/75	710		6.13					0
1976	05/23/76	540		5.62					0
1977	04/12/77	275		4.61					0
1978	05/07/78	570		5.70					0
1979	07/04/79	1120		7.24					0
1980	06/15/80	670		6.03					0

TABLE 100.-- STATION 06446550, WHITE R TRIB NEAR INTERIOR SD

STATION LOCATOR		DRAINAGE AREA:		0.32 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
434451	1015650	DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/ /56	490		8.17					0
1957	05/20/57	265		6.21					0
1958	07/04/58	185		5.50					0
1959	06/26/59	380		7.22					0
1960	08/ /60	57		4.30					0
1961	08/ /61	105		4.76					0
1962	07/27/62	338		6.86					0
1963	06/15/63	125		4.95					0
1964	06/08/64	558		8.76					0
1965	05/15/65	155		5.22					0
1966	07/28/66	160		5.27					0
1967	06/15/67	170		5.32					0
1968	06/07/68	260		6.14					0
1969	07/20/69	213		5.72					0
1970	06/12/70	43		4.15					0
1971	05/23/71	27		3.94					0
1972	08/02/72	112		4.81					0
1973	09/02/73	183		5.45					0
1974	08/10/74	150		5.15					0
1975	07/31/75	250		6.05					0
1976	07/27/76	250		6.05					0
1977	05/26/77	82		4.65					0
1978	07/22/78	450		7.82					0
1979	06/17/79	570		8.80					0
1980	07/12/80	575		8.83					0

TABLE 101.-- STATION 06447000, WHITE R NEAR KADOKA SD

STATION LOCATOR		DRAINAGE AREA:		5000.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
434509 1013128		DRAINAGE AREA:		2122.18		SQ MI			
		GAGE DATUM:		(NGVD)					
		BASE DISCHARGE:		3600.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	08/21/84	4470		9.13					1
	06/12/84	3760		8.52					
1985	03/09/85	2500		9.01	1				0

TABLE 102.-- STATION 06447500, LITTLE WHITE R NEAR MARTIN SD

STATION LOCATOR		DRAINAGE AREA:		310.00		SQ MI		
LAT. LONG.		CONTRIBUTING						
431000 1013747		DRAINAGE AREA:		230.00		SQ MI		
		GAGE DATUM:		3045.00		(NGVD)		
		BASE DISCHARGE:		100.00		CFS		
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	04/08/84	67		3.62	2	4.33	02/28/84 1	0
1985	07/04/85	123		4.90				0

TABLE 103.-- STATION 06449000, LAKE CR BELOW REFUGE NEAR TUTHILL SD

STATION LOCATOR		DRAINAGE AREA:		120.00	SQ MI
LAT.	LONG.	CONTRIBUTING			
430846 1013038		DRAINAGE AREA:		60.00	SQ MI
		GAGE DATUM:		3055.00	(NGVD)
BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS					
WATER	PEAK	DISCHARGE	GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	
1984	04/12/84	98	4.21		0
1985	03/28/85	43	2.78		0

TABLE 104.-- STATION 06449100, LITTLE WHITE R NEAR VETAL SD

STATION LOCATOR		DRAINAGE AREA:		590.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
430603 1011349		DRAINAGE AREA:		415.00		SQ MI	
		GAGE DATUM:		2780.69		(NGVD)	
		BASE DISCHARGE:		150.00		CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	06/17/84	176	4.57	2	5.09	03/17/84	1 0
1985	03/06/85	104	4.45	2	4.72	03/05/85	1 0

TABLE 105.-- STATION 06449400, ROSEBUD CR AT ROSEBUD SD

STATION LOCATOR		DRAINAGE AREA:		60.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
431409 1005112		DRAINAGE AREA:		2531.91		SQ MI			
		GAGE DATUM:				(NGVD)			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1975	04/07/75	19	5	3.63	2	4.37	01/16/75	1	0
1976	07/27/76	643	5	10.34					0
1978	03/18/78	379	5	8.44					0
1979	06/24/79	530	5	10.13					0
1980	10/29/79	15	5	4.06	2	4.98	02/17/80	1	0
1981	08/04/81	241	5	7.64					0
1982	10/11/81	44	5	5.97					0
1983	05/01/83	19	1 5			7.49	03/26/83	1	0
1984	07/10/84	24		5.23	2	6.15	10/10/83	1	0
1985	04/03/85	25		5.25	2	5.81	01/12/85	1	0

79

TABLE 106.-- STATION 06449500, LITTLE WHITE R NEAR ROSEBUD SD

STATION LOCATOR		DRAINAGE AREA:		1020.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
431932 1005300		DRAINAGE AREA:		760.00		SQ MI			
		GAGE DATUM:		2294.99		(NGVD)			
		BASE DISCHARGE:		330.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF		
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS		
	(CFS)		(FT)	CODES	(FT)	CODES			
1984	04/08/84	300	1		6.88	12/01/83	1		
1985	03/23/85	181		4.74	2	7.51	12/06/84		
						1	0		

TABLE 107.-- STATION 06449700, LITTLE OAK CR NEAR MISSION SD

STATION LOCATOR		DRAINAGE AREA:		2.58 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
431945 1004233		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/19/56	35		4.93	1			0
1957	06/ /57	66		5.79				0
1958	06/24/58	180		5.01				0
1959	07/ /59	10		3.40				0
1960	03/21/60	245		7.95				0
1961	05/04/61	1		2.26				0
1962	06/ /62	646		10.15				0
1963	02/ /63	25		4.55	1			0
1964	07/30/64	45		5.12				0
1965	03/ /65	5		3.39	1			0
1966	08/31/66	13		3.61				0
1967	06/15/67	22		4.15				0
1968	06/07/68	510		9.49				0
1969	05/21/69	7		3.11				0
1970	04/16/70	15		3.83	1			0
1971	04/20/71	45						0
1972	07/20/72	103		3.50				0
1973	05/27/73	30		2.20				0
1974	05/29/74	13		1.85				0
1975	/ /75	5						0
1976	07/03/76	14		1.87				0
1977	05/09/77	970		11.87				0
1978	04/ /78	25		4.94	1			0
1979	06/16/79	134		3.99				0
1980	/ /80	15						0

TABLE 108.-- STATION 06449750, WEST BRANCH HORSE CR NEAR MISSION SD

STATION LOCATOR		DRAINAGE AREA:		6.31 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
432336 1004233		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/19/56	10							0
1957	06/ /57	160		5.26					0
1958	06/ /58	18		3.77					0
1959	/ /59	0							0
1960	07/12/60	84		4.70					0
1961	05/14/61	2		3.15					0
1962	06/ /62	122		5.02					0
1963	08/ /63	10		3.55					0
1964	06/16/64	20		3.83					0
1965	03/ /65	8		3.56	1				0
1966	08/31/66	16		3.72					0
1967	06/15/67	59		4.44					0
1968	06/07/68	548		7.05					0
1969	03/ /69	25		4.94					0
1970	06/15/70	390		4.90					0

TABLE 109.-- STATION 06450500, LITTLE WHITE R BELOW WHITE RIVER SD

STATION LOCATOR		DRAINAGE AREA:		1570.00		SQ MI	
LAT. LONG.		CONTRIBUTING					
		DRAINAGE AREA:		1310.00		SQ MI	
433605 100458		GAGE DATUM:		1912.78		(NGVD)	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	800		4.06	2	5.31	1	0
1985	629		3.72	2	5.63	1	0

TABLE 110.-- STATION 06451750, COTTONWOOD CR TRIB NEAR WINNER SD

STATION LOCATOR		DRAINAGE AREA:		4.00		SQ MI	
LAT. LONG.		CONTRIBUTING				SQ MI	
432311 1000113		DRAINAGE AREA:					
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	DATE	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT		PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)		
1971	10		4.00	1			0
1972	180		4.86				0
1973	90		4.18				0
1974	28		3.70				0
1975	96		4.22				0
1976	0						0
1977	184		4.93				0
1978	111		4.34				0
1979	111		4.34				0
1980	40		3.79				0

TABLE 111.-- STATION 06452000, WHITE R NEAR OACOMA SD

STATION LOCATOR		DRAINAGE AREA:		10200.00		SQ MI			
LAT. LONG.		CONTRIBUTING DRAINAGE AREA:		SQ MI					
434454 0993322		GAGE DATUM:		1377.29		(NGVD)			
		BASE DISCHARGE:		5500.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE-HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE-HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/14/84	6290		8.96	2	9.37	03/20/84	1	0
1985	03/15/85	5780		8.74					1
	03/17/85	5580		8.66					

TABLE 112.-- STATION 06452250, FIVEMILE CR TRIB NEAR IONA SD

STATION LOCATOR		DRAINAGE AREA:		2.35		SQ MI			
LAT. LONG.		CONTRIBUTING							
432923 0992608		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	06/11/70	65		3.34					0
1971	03/ /71	35							0
1972	05/11/72	70		3.43					0
1973	03/14/73	30		3.60	1				0
1974	/ /74	35							0
1975	04/ /75	10							0
1976	/ /76	1							0
1977	04/20/77	36		2.72					0
1978	04/29/78	55		3.14					0
1979	06/16/79	66		3.36					0

TABLE 113.-- STATION 06453000, MISSOURI RIVER AT FORT RANDALL DAM SD

STATION LOCATOR		DRAINAGE AREA:		263500.0		SQ MI			
LAT. LONG.		CONTRIBUTING							
430354 0983311		DRAINAGE AREA:				SQ MI			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	08/15/84	44600	1	6					0
1985	10/19/84	44000	1	6					0

TABLE 114.-- STATION 06453150, CHOTEAU CR TRIB NEAR TRIPP SD

STATION LOCATOR		DRAINAGE AREA:		0.54 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
431420 0980235		DRAINAGE AREA:		SQ MI					
GAGE DATUM:		GAGE DATUM:		GAGE DATUM:					
BASE DISCHARGE:		BASE DISCHARGE:		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/18/70	6		2.14					0
1971	06/09/71	82		4.86					0
1972	05/22/72	177		7.14					0
1973	03/14/73	30		4.28	1				0
1974	06/21/74	79		4.78					0
1975	08/22/75	103		5.37					0
1976	02/15/76	5		4.68	1				0
1977	03/12/77	8		3.22	1				0
1978	05/28/78	29		3.30					0
1979	04/12/79	20		4.18	1				0

TABLE 115.-- STATION 06453250, CHOTEAU CR TRIB NEAR WAGNER SD

STATION LOCATOR		DRAINAGE AREA:		15.60 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
430454 0981904		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/15/70	8		2.39					0
1971	04/21/71	45		3.79					0
1972	02/28/72	25		4.00	1				0
1973	03/14/73	50		5.36	1				0
1974	02/ /74	10		3.01	1				0
1975	08/22/75	56		4.08					0
1976	02/23/76	8		3.00	1				0
1977	08/09/77	129		5.49					0
1978	05/28/78	174		6.23					0
1979	04/ /79	45		3.80					0

85

TABLE 116.-- STATION 06464500, KEYA PAHA R AT WEWELA SD

STATION LOCATOR		DRAINAGE AREA:		1070.00		SQ MI			
LAT.	LONG.	CONTRIBUTING		SQ MI					
430144	0994649	DRAINAGE AREA:		2049.78		(NGVD)			
		GAGE DATUM:		250.00		CFS			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	04/14/84	1120		4.86	2	4.97	03/12/84	1	6
	03/22/84	283		2.41					
	04/08/84	888		4.34					
	04/30/84	306		2.71					
	05/12/84	253		2.46					
	05/30/84	394		3.10					
	06/16/84	273		2.67					
1985	03/16/85	230				3.87	03/12/85	1	0

TABLE 117.--- STATION 06467500, MISSOURI R AT YANKTON SD

STATION LOCATOR		DRAINAGE AREA:		279500.0	SQ MI		
LAT.	LONG.	CONTRIBUTING	DRAINAGE AREA:		SQ MI		
425158	0972337	GAGE DATUM:	1139.68	(NGVD)			
BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
1984	07/28/84	48200	6	19.15	2	20.30	12/25/83
1985	10/25/84	48000	6	18.93			

TABLE 119.--- STATION 06471050, ELM R TRIB NEAR LEOLA SD

STATION LOCATOR		DRAINAGE AREA:		18.00 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
455040 0984603		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/17/56	37		3.08					0
1957	08/08/57	41		3.74					0
1958	06/ /58	87		4.89					0
1959	03/25/59	0		2.10					0
1960	03/28/60	185		6.35					0
1961	04/23/61	6		2.63					0
1962	04/02/62	42		3.85					0
1963	06/09/63	52		4.10					0
1964	05/03/64	418		8.62					0
1965	04/06/65	41		3.79					0
1966	03/13/66	225		6.81					0
1967	04/30/67	52		4.15					0
1968	04/20/68	27		3.38					0
1969	04/08/69	720		11.00					0
1970	04/18/70	36		3.64					0
1971	05/24/71	66		4.32					0
1972	03/18/72	130		6.00					0
1973	03/14/73	30		3.77	1				0
1974	05/21/74	46		3.87					0
1975	06/21/75	330		7.78					0
1976	03/12/76	20		4.90	1				0
1977	03/12/77	40		4.59	1				0
1978	06/30/78	46		3.91					0
1979	04/ /79	20		3.90	1				0
1980	03/ /80	5							0

TABLE 120.--- STATION 06471200, MAPLE R AT ND-SD STATE LINE

STATION LOCATOR		DRAINAGE AREA:		750.00		SQ MI			
LAT.	LONG.	CONTRIBUTING		480.00		SQ MI			
455620 0982708		DRAINAGE AREA:		1365.00		(NGVD)			
		GAGE DATUM:		50.00		CFS			
		BASE DISCHARGE:		50.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	03/27/84	1600		10.57	1				1
	02/29/84	150	9						
1985	03/20/85	85		5.27	1				0

TABLE 121.--- STATION 06471350, MAPLE R AT FREDRICK SD

STATION LOCATOR		DRAINAGE AREA:		822.00	SQ MI				
LAT.	LONG.	CONTRIBUTING							
454957 0983045		DRAINAGE AREA:		552.00	SQ MI				
		GAGE DATUM:							
BASE DISCHARGE:									
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	05/ /56	44		6.45					0
1957	07/31/57	48		6.47					0
1958	03/04/58	250		7.18					0
1959	/ /59	0							0
1960	03/30/60	770		8.14					0
1961	03/30/61	35		6.39					0
1962	07/10/62	2800		9.72					0
1963	07/26/63	200		7.03					0
1964	06/27/64	500		7.74					0
1965	04/04/65	325		7.40					0
1966	03/17/66	3000		12.70					0
1967	04/30/67	220		7.06					0
1968	05/15/68	200		6.75					0
1969	04/11/69	6000		13.20	2	14.30	04/11/69	1	0

TABLE 122.-- STATION 06471400, WILLOW CR TRIB NEAR LEOLA SD

STATION LOCATOR		DRAINAGE AREA:		6.69		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
454410 0984545		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	0							0
1957	08/08/57	15		1.85					0
1958	03/04/58	23		2.18					0
1959	03/ /59	0		1.09	1				0
1960	03/30/60	25		2.25					0
1961	/ /61	0							0
1962	07/04/62	20		2.07					0
1963	06/09/63	7		1.51					0
1964	05/03/64	33		2.58					0
1965	04/05/65	20		2.82	1				0
1966	03/13/66	30		3.23	1				0
1967	06/06/67	11		1.67					0
1968	04/20/68	21		2.09					0
1969	04/09/69	260		4.81					0
1970	04/18/70	8		1.54					0
1971	05/24/71	52		2.72					0
1972	03/18/72	30		4.46					0
1973	03/14/73	8		1.65	1				0
1974	05/21/74	12		1.70					0
1975	06/21/75	70		2.91					0
1976	03/12/76	5		2.07	1				0
1977	03/12/77	20		2.60	1				0
1978	03/26/78	58		2.60					0
1979	04/ /79	6		1.46					0
1980	03/ /80	10		1.76	1				0

TABLE 123.-- STATION 06471450, WILLOW CR TRIB NEAR BARNARD SD

STATION LOCATOR		DRAINAGE AREA:		0.26 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
454412 0983742		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	0							0
1957	/ /57	0							0
1958	03/04/58	14							0
1959	02/ /59	1							0
1960	04/05/60	20							0
1961	/ /61	0							0
1962	07/04/62	9							0
1963	06/09/63	8							0
1964	05/03/64	5							0
1965	04/05/65	3							0
1966	03/13/66	15							0
1967	03/ /67	4							0
1968	06/21/68	5		3.44					0
1969	04/09/69	78		6.93					0
1970	04/21/70	4		3.30					0
1971	04/ /71	20		4.87	1				0
1972	03/18/72	25		6.89	1				0
1973	03/14/73	10		4.76	1				0
1974	03/29/74	5		4.15	1				0
1975	04/08/75	25		6.49	1				0
1976	04/03/76	1		4.28	1				0

TABLE 124.-- STATION 06471500, ELM R AT WESTPORT SD

STATION LOCATOR		DRAINAGE AREA:		1680.00		SQ MI			
LAT. LONG.		CONTRIBUTING		1170.00		SQ MI			
453922 0982948		DRAINAGE AREA:		1309.30		(NGVD)			
		GAGE DATUM:		100.00		CFS			
		BASE DISCHARGE:		100.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	03/29/84	1650	9	11.94	1				2
	02/23/84	160	9						
	03/03/84	160	9						
1985	03/21/85	75							0
				5.12					

TABLE 125.-- STATION 06472200, MUD CR TRIB NEAR GROTON SD

STATION LOCATOR									
LAT. LONG.									
452637 0980222									
DRAINAGE AREA: 65.50 SQ MI									
CONTRIBUTING									
DRAINAGE AREA: 56.70 SQ MI									
GAGE DATUM:									
BASE DISCHARGE:									
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	HIGHEST SINCE	MAX GAGE HEIGHT (FT)	DATE	NUMBER OF PARTIAL PEAKS
1960	03/28/60	177		4.37					0
1961	03/15/61	15		2.56	1				0
1962	07/01/62	140		4.60	1				0
1963	06/09/63	8		1.99					0
1964	05/03/64	6		2.99	1				0
1965	05/23/65	120		4.52	1				0
1966	03/12/66	175		4.90	1				0
1967	04/20/67	66		4.05					0
1968	05/31/68	1		2.46					0
1969	04/08/69	250		5.26					0
1974	/ /74	10							0
1975	06/21/75	5		1.73					0
1976	03/12/76	10		3.01	1				0
1977	03/12/77	5		4.22	1				0
1978	03/28/78	208		4.38					0
1979	04/10/79	50							0
1980	03/ /80	15		3.14	1				0

TABLE 126.-- STATION 06472250, MUD CR TRIB NO 2 NEAR GROTON SD

WATER YEAR	PEAK DISCHARGE (CFS)	DATE	DISCHARGE CODES	STATION LOCATOR			DRAINAGE AREA:		84.60 SQ MI		75.80 SQ MI		GAGE- HEIGHT CODES	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:	CONTRIBUTING DRAINAGE AREA:			
				452626	0980252										
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS															
1960	235	03/28/60											5.42		0
1961	25	03/15/61											3.22		0
1962	167	03/29/62											5.08		0
1963	4	06/09/63											1.99		0
1964	6	04/05/64											3.05	1	0
1965	102	05/23/65											4.78		0
1966	272	03/12/66											5.54		0
1967	60	04/20/67											4.20		0
1968	10	04/30/68											2.40		0
1969	310	04/08/69											5.60		0
1970	25	04/27/70											3.19		0
1971	78	04/08/71											4.48		0
1972	50	03/12/72											4.51	1	0
1973	56	05/24/73											4.15		0
1974	14	07/02/74											2.63		0
1975	8	06/21/75											2.29		0
1976	7	03/12/76											2.72	1	0
1977	2	04/18/77											1.82		0
1978	270	03/28/78											5.40		0
1979	58	06/20/79											4.19		0
1980	22	06/13/80											3.06		0

TABLE 127.-- STATION 06473000, JAMES R AT ASHTON SD

STATION LOCATOR		DRAINAGE AREA:		9800.00		SQ MI	
LAT. LONG.		CONTRIBUTING		5290.00		SQ MI	
450002 0982857		DRAINAGE AREA:		1244.40		(NGVD)	
		GAGE DATUM:		200.00		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER	PEAK	DISCHARGE	GAGE	GAGE-	MAX GAGE	GAGE-	NUMBER OF
YEAR	DISCHARGE	CODES	HEIGHT	HEIGHT	HEIGHT	HEIGHT	PARTIAL PEAKS
	(CFS)		(FT)	CODES	(FT)	CODES	
1984	05/06/84	1170	11.47				0
1985	03/22/85	750	10.33	1			0

TABLE 128 .-- STATION 06473350, SOUTH FORK SNAKE CR TRIB NEAR SENECA SD

STATION LOCATOR		DRAINAGE AREA:		4.54		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
450300 0992336		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1971	09/04/71	21		3.17					0
1972	03/17/72	50		7.39	1				0
1973	03/14/73	30		4.96	1				0
1974	05/20/74	22		3.20					0
1975	06/19/75	12		2.84					0
1976	04/16/76	10		4.26	1				0
1977	03/12/77	25		4.07	1				0
1978	03/ /78	40		9.90	1				0
1979	04/ /79	5		3.25					0
1980	/ /80	0							0

TABLE 129.--- STATION 06473700, SNAKE CR NEAR ASHTON SD

STATION LOCATOR		DRAINAGE AREA:		2620.00		SQ MI	
LAT.	LONG.	CONTRIBUTING					
450150 0983426		DRAINAGE AREA:		1770.00		SQ MI	
		GAGE DATUM:		1265.00		(NGVD)	
		BASE DISCHARGE:		75.00		CFS	
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
				GAGE- HEIGHT CODES	GAGE- HEIGHT CODES		
				NUMBER OF PARTIAL PEAKS			
1985	03/21/85	675		7.66			0

TABLE 130.--- STATION 06473750, WOLF CR NEAR REE HEIGHTS SD

STATION LOCATOR		DRAINAGE AREA:		265.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
443625 0991354		DRAINAGE AREA:		1614.16		SQ MI			
		GAGE DATUM:		40.00		(NGVD)			
		BASE DISCHARGE:		40.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1985	03/27/85	183		6.96	2	7.19	03/15/85	1	1
	03/15/85	70		7.19	1				

TABLE 131.-- STATION 06473800, MATTER CR TRIB NEAR ORIENT SD

STATION LOCATOR		DRAINAGE AREA:		7.63 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
444808 0990406		DRAINAGE AREA:		1535.00 (NGVD)					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/15/56	9		3.08					0
1957	07/03/57	53		4.83					0
1958	02/27/58	18		3.60					0
1959	/ /59	0							0
1960	03/30/60	325		7.41					0
1961	/ /61	0							0
1962	03/27/62	80							0
1963	04/16/63	0		6.34	1				0
1964	05/03/64	0		2.08					0
1965	05/15/65	2		2.56					0
1966	07/ /66	210		2.75					0
1967	03/08/67	35		6.10					0
1968	07/26/68	4		4.78	1				0
1969	04/03/69	410		2.84					0
1970	04/20/70	60		9.01					0
1971	04/ /71	3		3.74					0
				2.99	1				0

TABLE 132.-- STATION 06473820, SHAEFER CR NEAR ORIENT SD

STATION LOCATOR		DRAINAGE AREA:		51.30		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
444646 0990239		DRAINAGE AREA:		1495.00		(NGVD)			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	8							0
1957	07/03/57	250		3.24					0
1958	02/27/58	68		2.64					0
1959	/ /59	0							0
1960	03/30/60	870		5.12					0
1961	05/17/61	10		1.80					0
1962	03/27/62	190		5.47	1				0
1963	07/26/63	18		1.98					0
1964	05/03/64	82		2.76					0
1965	05/15/65	102		2.91					0
1966	07/13/66	550		4.18					0
1967	03/25/67	70		3.72	1				0
1968	07/26/68	35		2.26					0
1969	04/03/69	1280		5.98					0
1970	04/20/70	76		2.66					0
1971	04/27/71	18		1.98					0
1972	07/08/72	555		4.21					0
1973	03/14/73	150		3.50	1				0
1974	04/ /74	3							0
1975	04/17/75	50		2.60	1				0
1976	03/20/76	35		2.40	1				0
1977	03/12/77	11							0
1978	08/28/78	380		3.65					0
1979	06/20/79	105		2.84					0
1980	04/08/80	10		1.82					0

TABLE 133.-- STATION 06473850, SHAEFER CR TRIB NEAR ORIENT SD

STATION LOCATOR		DRAINAGE AREA:		5.17 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
444349 0985917 <td colspan="2">DRAINAGE AREA:<td colspan="2">SQ MI</td></td>		DRAINAGE AREA: <td colspan="2">SQ MI</td>		SQ MI					
		GAGE DATUM: <td colspan="2"></td>							
		BASE DISCHARGE: <td colspan="2"></td>							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/15/56	24		3.50					0
1957	07/03/57	93		4.47					0
1958	02/27/58	15		3.37					0
1959	/ /59	0							0
1960	03/30/60	221		6.12					0
1961	05/17/61	1		3.01					0
1962	03/27/62	100		5.67	1				0
1963	07/26/63	32		3.62					0
1964	05/03/64	9		3.29					0
1965	05/15/65	38		3.70					0
1966	03/14/66	50		9.94	1				0
1967	06/18/67	42		3.74					0
1968	07/26/68	68		4.12					0
1969	04/03/69	350		7.98					0
1970	04/20/70	15		3.36					0
1971	06/07/71	6		3.22					0
1972	07/08/72	130		4.92					0
1973	03/14/73	75		5.77	1				0
1974	/ /74	8							0
1975	06/21/75	12		3.32					0
1976	04/16/76	5		3.64	1				0
1977	03/12/77	20		4.83	1				0
1978	05/07/78	55		3.91					0
1979	04/11/79	100		5.21	1				0
1980	06/ /80	3							0

TABLE 134.-- STATION 06473880, SHAEFER CR TRIB NEAR MILLER SD

STATION LOCATOR
LAT. LONG.
444220 0985917

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

5.95 SQ MI
SQ MI
1455.74 (NGVD)

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/15/56	45		3.49					0
1957	05/20/57	10		3.04					0
1958	05/ /58	10		3.04					0
1959	/ /59	0							0
1960	03/30/60	120		4.61					0
1961	05/17/61	6		2.94					0
1962	06/16/62	50		3.53					0
1963	07/26/63	2		2.82					0
1964	05/03/64	25		3.25					0
1965	05/15/65	4		2.91					0
1966	03/14/66	20		3.72	1				0
1967	06/15/67	120		4.61					0
1968	07/26/68	7		3.02					0
1969	04/03/69	265		6.40					0
1970	04/20/70	23		3.24					0
1971	04/27/71	2		2.92					0
1972	07/08/72	85		4.14					0
1973	05/27/73	10		3.07					0
1974	05/21/74	2		2.91					0
1975	04/17/75	20		3.44	1				0
1976	03/20/76	5		3.15	1				0
1977	03/12/77	35		5.47	1				0
1978	05/07/78	125		4.70					0
1979	08/28/79	116		4.60					0
1980	06/04/80	1		2.73					0

TABLE 135.-- STATION 06474000, TURTLE CR NEAR TULARE SD

STATION LOCATOR		DRAINAGE AREA:		SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
444406 0983509		DRAINAGE AREA:		1300.00 (NGVD)				
		GAGE DATUM:		50.00 CFS				
		BASE DISCHARGE:		GAGE-HEIGHT CODE COLUMNS				
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1985	03/20/85	800		11.19	1			0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 136.-- STATION 06474300, MEDICINE CR NEAR ZELL SD

STATION LOCATOR		DRAINAGE AREA:		210.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
444552 0984213		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:		1320.00		(NGVD)			
		BASE DISCHARGE:		40.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1985	03/17/85	450		9.52	1				0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 137.-- STATION 06475000, JAMES R NEAR REDFIELD SD

STATION LOCATOR		DRAINAGE AREA: 13600.00 SQ MI							
LAT.	LONG.	CONTRIBUTING							
445433	0982734	DRAINAGE AREA: 8680.00 SQ MI							
		GAGE DATUM: 1239.50 (NGVD)							
		BASE DISCHARGE: 300.00 CFS							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/28/84	1600		9.67					0
1985	03/22/85	1700		12.40	1				0

TABLE 138.-- STATION 06475550, DRY RUN TRIB NEAR FRANKFORT SD

STATION LOCATOR		DRAINAGE AREA: 4.19 SQ MI							
LAT.	LONG.	CONTRIBUTING							
445545	0981831	DRAINAGE AREA:	SQ MI						
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1967	06/ /67	135		8.66					0
1968	04/19/68	46		4.90					0
1969	06/25/69	59		5.41					0
1970	03/03/70	7		2.93					0
1971	06/19/71	7		2.93					0
1972	03/17/72	15		4.07	1				0
1973	03/ /73	10		3.56	1				0
1974	05/28/74	5		2.75					0
1975	05/22/75	10		3.14					0
1976	03/20/76	3		3.53	1				0
1977	03/12/77	20		4.21	1				0
1978	05/28/78	138		8.79					0
1979	04/ /79	5		3.40	1				0

TABLE 139.-- STATION 06475950, SHUE CR TRIB NEAR YALE SD

STATION LOCATOR		DRAINAGE AREA:		6.90		SQ MI			
LAT.	LONG.	CONTRIBUTING				SQ MI			
442748 0975918		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1968	/ /68	0							0
1969	04/04/69	99		4.48					0
1970	06/16/70	29		3.52					0
1971	04/27/71	1		2.46					0
1972	05/01/72	23		3.40					0
1973	03/14/73	10		3.72	1				0
1974	02/ /74	8		3.71	1				0
1975	04/17/75	20		3.78	1				0
1976	03/19/76	2		2.86	1				0
1977	03/12/77	30		4.50	1				0
1978	04/18/78	66		4.06					0
1979	04/ /79	3	2						0

TABLE 140.-- STATION 06476000, JAMES R AT HURON SD

STATION LOCATOR		DRAINAGE AREA:		15600.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
442149 0981156		DRAINAGE AREA:		10490.00		SQ MI			
		GAGE DATUM:		1223.44		(NGVD)			
		BASE DISCHARGE:		500.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/22/84	3310		13.18					0
1985	03/23/85	2040		11.14					0

TABLE 141.-- STATION 06476500, SAND CR NEAR ALPENA SD

STATION LOCATOR		DRAINAGE AREA:		240.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
440915 0982606		DRAINAGE AREA:		1315.00		SQ MI			
		GAGE DATUM:		50.00		CFS			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/24/84	281		10.81					5
	02/24/84	176		10.19					
	03/22/84	210	9	10.41	1				
	04/13/84	130		9.83					
	06/06/84	75		9.28					
1985	06/10/84	240		10.57					0
	03/20/85	556		11.34					

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 142.-- STATION 06477000, JAMES R NEAR FORESTBURG SD

STATION LOCATOR		DRAINAGE AREA:		17400.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
		DRAINAGE AREA:		12290.00		SQ MI			
		GAGE DATUM:		1208.34		(NGVD)			
		BASE DISCHARGE:		500.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/25/84	6140		15.75					0
1985	03/20/85	3330		13.55					0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 143.-- STATION 06477140, ROCK CR TRIB NR ROSWELL SD

STATION LOCATOR		DRAINAGE AREA:		5.67 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
440224 0974234		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/15/70	50		4.89	1				0
1971	03/13/71	150		6.86	1				0
1972	06/19/72	59		4.07					0
1973	03/0 /73	40		5.60	1				0
1974	02/0 /74	20		4.17	1				0
1975	06/09/75	1		2.69					0
1976	03/19/76	10		4.34	1				0
1977	03/12/77	180		7.15	1				0
1978	03/ /78	110		4.86					0
1979	04/ /79	25		4.28	1				0

TABLE 144.-- STATION 06477400, FIRESTEEL CR TRIB NEAR WESSINGTON SPRINGS SD

STATION LOCATOR		DRAINAGE AREA:		0.22 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
440426 0983452		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1968	07/26/68	39		4.41					0
1969	04/03/69	57		5.14					0
1970	03/03/70	20		4.17	1				0
1971	03/18/71	30		4.00					0
1972	03/20/72	15		4.06	1				0
1973	03/14/73	25		5.74	1				0
1974	05/20/74	7		2.73					0
1975	04/10/75	10		3.69	1				0
1976	03/19/76	3		3.31	1				0
1977	03/12/77	15		3.60	1				0
1978	03/ /78	30		5.57	1				0
1979	04/ /79	10		3.59	1				0

TABLE 145.-- STATION 06477500, FIRESTEEL CR NEAR MOUNT VERNON SD

STATION LOCATOR		DRAINAGE AREA:		540.00	SQ MI			
LAT. LONG.		CONTRIBUTING						
434630 0981433		DRAINAGE AREA:			SQ MI			
		GAGE DATUM:		1297.22	(NGVD)			
		BASE DISCHARGE:		100.00	CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/21/84	5080		15.56				8
	02/28/84	380	9	6.92	1			
	03/18/84	310	9	6.92	1			
	03/24/84	700	9	8.76	1			
	04/05/84	197		5.35				
	04/14/84	1620		9.83				
	06/09/84	379		6.69				
	06/15/84	1120		9.36				
1985	06/20/84	2260		12.08				
	03/16/85	3700		13.41	1			0

104

TABLE 146.-- STATION 06478050, ENEMY CR TRIB NEAR MOUNT VERNON SD

STATION LOCATOR		DRAINAGE AREA:		3.38	SQ MI				
LAT.	LONG.	CONTRIBUTING							
433617 0981554		DRAINAGE AREA:	SQ MI						
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	04/08/69	43		5					0
1970	06/16/70	82		5.54					0
1971	06/28/71	41		4.97					0
1972	05/27/72	115		5.88					0
1973	03/14/73	15		5.63	1				0
1974	06/09/74	14		4.44					0
1975	/ /75	5							0
1976	03/19/76	20							0
1977	08/27/77	45		4.76					0
1978	07/21/78	24		4.68					0
1979	07/29/79	21		4.62					0

TABLE 147.-- STATION 06478200, COFFEE CR TRIB NEAR PARKSTON SD

STATION LOCATOR		DRAINAGE AREA:		0.81 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
432728 0975950		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1968	09/22/68	17		2.83				0
1969	04/03/69	62		4.43				0
1970	04/23/70	7		2.29				0
1971	03/13/71	25		4.05	1			0
1972	05/22/72	19		2.94				0
1973	03/14/73	30		4.71	1			0
1974	02/28/74	8		2.82	1			0
1975	06/19/75	14		2.70				0
1976	03/12/76	20						0
1977	06/17/77	15		2.75				0
1978	06/25/78	81		4.92				0
1979	09/12/79	74		4.74				0

TABLE 148.-- STATION 06478250, NORTH BRANCH DRY CR TRIB NEAR PARKSTON SD

STATION LOCATOR		DRAINAGE AREA:		3.19 SQ MI			
LAT. LONG.		CONTRIBUTING		SQ MI			
432210 0975516		DRAINAGE AREA:		1350.00 (NGVD)			
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
1956	07/07/56	17		4.32			
1957	06/17/57	6		4.15			
1958	03/28/58	27		4.47			
1959	/ /59	0					
1960	03/27/60	340		6.52			
1961	02/22/61	6		4.14			
1962	07/ /62	183		5.66			
1963	03/20/63	1		4.02			
1964	04/ /64	1					
1965	07/11/65	91		5.04			
1966	04/27/66	220		5.87			
1967	06/19/67	55		4.73			

TABLE 149.-- STATION 06478260, NORTH BRANCH DRY CR NEAR PARKSTON SD

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS										
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS	
1956	03/ /56	26		2.59					0	
1957	06/17/57	51		3.18					0	
1958	03/26/58	182		4.50					0	
1959	03/03/59	3		2.30	1				0	
1960	03/27/60	1470		8.55					0	
1961	08/21/61	68		3.47					0	
1962	07/14/62	1540		8.76					0	
1963	03/19/63	80		3.94	1				0	
1964	03/11/64	1		1.30					0	
1965	07/11/65	40		2.96					0	
1966	03/10/66	280		5.28	1				0	
1967	06/19/67	29		2.68					0	
1968	06/25/68	29		2.68					0	
1969	04/08/69	3200		10.28					0	
1970	04/23/70	225		4.54					0	
1971	06/10/71	145		3.99					0	
1972	05/23/72	490		5.72					0	
1973	03/14/73	200		4.92	1				0	
1974	03/03/74	15		3.00	1				0	
1975	06/19/75	26		2.48					0	
1976	03/12/76	50		4.75	1				0	
1977	08/29/77	21		2.32					0	
1978	05/29/78	370		5.23					0	

TABLE 150.-- STATION 06478280, SOUTH BRANCH DRY CR NEAR PARKSTON SD

STATION LOCATOR		DRAINAGE AREA:		25.80 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
432116 0975012		DRAINAGE AREA:		1270.00 (NGVD)				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/ /56	7		2.67				0
1957	06/17/57	27		3.42				0
1958	03/26/58	92		4.26				0
1959	05/31/59	130		4.45				0
1960	03/27/60	920		7.37				0
1961	08/21/61	160		4.69				0
1962	07/14/62	750		6.81				0
1963	03/19/63	115		4.30				0
1964	04/03/64	0		1.24				0
1965	07/11/65	86		4.05				0
1966	03/11/66	40		4.43	1			0
1967	06/19/67	80		3.94				0
1968	06/25/68	38		3.31				0
1969	04/08/69	650		6.52				0
1970	04/23/70	94		4.11				0
1971	06/10/71	25		3.01				0
1972	05/23/72	380		5.60				0
1973	03/14/73	40		3.92	1			0
1974	03/03/74	10		2.95	1			0
1975	04/16/75	10						0
1976	03/12/76	30		4.18	1			0
1977	03/12/77	8		2.54	1			0
1978	07/22/78	44		3.41				0
1979	04/ /79	30		4.57	1			0
1980	03/ /80	5		2.39	1			0

TABLE 151.-- STATION 06478300, DRY CR NEAR PARKSTON SD

STATION LOCATOR		DRAINAGE AREA:		99.20		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
432215 0974924		DRAINAGE AREA:		1240.00		(NGVD)			
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	03/ /56	24		3.27					0
1957	06/17/57	78		4.30					0
1958	03/26/58	234		5.62					0
1959	05/31/59	144		5.07					0
1960	03/27/60	4210		12.70					0
1961	08/21/61	165		5.14					0
1962	07/14/62	2450		10.70					0
1963	04/29/63	94		4.52					0
1964	04/27/64	28		3.37					0
1965	07/11/65	98		4.56					0
1966	03/03/66	225		6.66	1				0
1967	06/19/67	160		5.09					0
1968	06/25/68	68		4.15					0
1969	04/08/69	1500		9.08					0
1970	04/23/70	310		5.95					0
1971	06/10/71	360		6.17					0
1972	05/23/72	860		7.64					0
1973	03/14/73	45		3.95	1				0
1974	03/03/74	15		3.74	1				0
1975	06/19/75	23		3.24					0
1976	03/12/76	40		4.73	1				0
1977	03/12/77	30		3.73	1				0
1978	05/29/78	380		6.22					0
1979	04/ /79	50		5.95	1				0
1980	03/ /80	2		2.51	1				0

TABLE 152.-- STATION 06478390, WOLF CR NEAR CLAYTON SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	STATION LOCATOR LAT. LONG.	DRAINAGE AREA: CONTRIBUTING		DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				SQ MI	SQ MI			
				388.00	1210.00 (NGVD)			
					175.00 CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
1976	02/25/76	90						0
1977	09/23/77	406						2
	03/15/77	250	9					
	09/12/77	393						
1978	03/19/78	1230						5
	10/01/77	199						
	04/06/78	270						
	04/19/78	218						
	06/26/78	204						
	07/23/78	209						
1979	03/22/79	1280						4
	03/19/79	900						
	03/25/79	653						
	04/12/79	529						
	07/29/79	274						
1980	06/07/80	23						0
1981	08/27/81	31						0
1982	05/30/82	1140						1
	02/21/82	330	9					
1983	06/20/83	2740						9
	11/20/82	188						
	02/20/83	1000	9					
	03/13/83	494						
	03/31/83	406						
	04/13/83	456						
	04/16/83	431						
	05/02/83	321						
	06/29/83	341						
	07/17/83	305						
1984	06/21/84	6520						7
	03/30/84	846						
	04/04/84	1180						
	04/12/84	3260						
	04/30/84	445						
	05/07/84	238						
	06/12/84	578						
	07/09/84	441						

TABLE 153.-- STATION 06478400, LONETREE CR TRIB NEAR KAYLOR SD

STATION LOCATOR		DRAINAGE AREA:		3.65 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
431727 0975012		DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/22/70	12		2.59				0
1971	06/07/71	36		3.41				0
1972	03/15/72	15		4.84	1			0
1973	03/14/73	30		4.22	1			0
1974	10/09/73	26		3.11				0
1975	08/22/75	104		4.89				0
1976	03/19/76	50		4.90	1			0
1977	06/22/77	33		3.33				0
1978	04/01/78	48		3.75				0
1979	04/ /79	30		5.34	1			0

111

TABLE 154.-- STATION 06478500, JAMES R NEAR SCOTLAND SD

STATION LOCATOR		DRAINAGE AREA:		20300.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
431109 0973807		DRAINAGE AREA:		15190.00		SQ MI			
		GAGE DATUM:		1168.51		(NGVD)			
		BASE DISCHARGE:		1000.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/23/84	29400		20.45					0
1985	03/27/85	4110		13.98					0

TABLE 155.-- STATION 06478540, LITTLE VERMILLION R NEAR SALEM SD

STATION LOCATOR		DRAINAGE AREA:		77.70	SQ MI			
LAT. LONG.		CONTRIBUTING						
434739 0972202		DRAINAGE AREA:		1510.00	SQ MI			
		GAGE DATUM:		10.00	(NGVD)			
		BASE DISCHARGE:		10.00	CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/20/84	900		9.88				6
	03/28/84	220		6.80	1			
	04/13/84	555		7.59				
	04/30/84	29		5.05				
	05/09/84	26		5.02				
	06/18/84	464		8.10				
1985	07/11/84	14		4.59				3
	03/15/85	406		7.18				
	02/24/85	15		4.92	1			
	04/04/85	13		4.60				
	04/24/85	13		4.63				

TABLE 156.-- STATION 06478630, WEST FORK VERMILLION R NEAR DE SMET SD

STATION LOCATOR		DRAINAGE AREA:		5.34 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
441254 0973304		DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	06/16/70	6		3.21				0
1971	03/13/71	10		4.76	1			0
1972	06/19/72	32		4.62				0
1973	03/ /73	2		3.84	1			0
1974	02/ /74	3		3.92	1			0
1975	04/17/75	13		3.80				0
1976	03/12/76	7		3.92	1			0
1977	03/12/77	40		5.15	1			0
1978	03/ /78	50		6.08	1			0
1979	04/ /79	3		3.45				0

TABLE 157.-- STATION 06478650, WEST FORK VERMILLION R TRIB NEAR MONROE SD

STATION LOCATOR
LAT. LONG.
432835 0971539

DRAINAGE AREA:
CONTRIBUTING
DRAINAGE AREA:
GAGE DATUM:
2.74 SQ MI
SQ MI

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	04/08/69	250		11.65	1				0
1970	03/03/70	42		5.29	1				0
1971	05/23/71	22		4.11					0
1972	05/22/72	39		4.71					0
1973	03/ /73	25		5.76	1				0
1974	06/21/74	26		4.25					0
1975	08/22/75	42		4.80					0
1976	03/20/76	40		7.52	1				0
1977	03/12/77	5		4.36	1				0
1978	07/22/78	35		4.58					0
1979	04/ /79	50		12.10	1				0

TABLE 158.-- STATION 06478690, WEST FORK VERMILLION R NEAR PARKER SD

STATION LOCATOR		DRAINAGE AREA:		370.00		SQ MI		
LAT. LONG.		CONTRIBUTING				SQ MI		
432455 0971218		DRAINAGE AREA:		1340.00		(NGVD)		
		GAGE DATUM:		150.00		CFS		
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/16/84	4800		12.57				10
	03/29/84	849		8.14				
	04/04/84	860		8.18				
	04/13/84	4290		12.47				
	05/01/84	417		5.23				
	05/07/84	605		6.32				
	06/04/84	878		7.48				
	06/08/84	1020		7.96				
	06/12/84	1870		10.03				
	06/21/84	4180		12.15				
1985	07/10/84			183				1
	03/16/85	1690		9.79				
	04/24/85	391		5.62				

TABLE 159.--- STATION 06478800, SADDLEROCK CR NEAR CANTON SD

STATION LOCATOR		DRAINAGE AREA:		13.00 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
431220 0964337		DRAINAGE AREA:		1405.00 (NGVD)					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	MAX GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	07/07/56	42		3.66					0
1957	06/17/57	205		5.38					0
1958	02/26/58	42		3.66					0
1959	05/28/59	175		5.14					0
1960	04/01/60	650		7.83					0
1961	03/15/61	44		3.67					0
1962	05/18/62	610		7.57					0
1963	03/26/63	21		3.17					0
1964	07/30/64	38		3.89					0
1965	06/12/65	945		8.81					0
1966	03/10/66	6		3.29	1				0
1967	03/02/67	15		5.00	1				0
1968	09/18/68	48		4.04					0
1969	04/08/69	700		8.80	1				0
1970	04/01/70	25		4.05	1				0
1971	07/10/71	66		4.30					0
1972	05/01/72	255		5.88					0
1973	04/15/73	92		4.60					0
1974	06/22/74	28		3.69					0
1975	06/18/75	67		4.32					0
1976	03/12/76	50		4.31	1				0
1977	03/ /77	5							0
1978	03/ /78	100		5.75	1				0

TABLE 160.-- STATION 06478820, SADDLEROCK CR TRIB NEAR BERESFORD SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	STATION LOCATOR LAT. LONG. 431221 0964551	DRAINAGE AREA: CONTRIBUTING		2.22 SQ MI		DRAINAGE AREA: GAGE DATUM:		SQ MI	
				BASE DISCHARGE:		GAGE-HEIGHT CODE COLUMNS		GAGE-HEIGHT CODE COLUMNS		GAGE-HEIGHT CODE COLUMNS	
				DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	PARTIAL PEAKS	NUMBER OF
1956	07/07/56	3									0
1957	06/17/57	23									0
1958	02/26/58	20									0
1959	05/30/59	20									0
1960	04/12/60	72									0
1961	/ /61	32									0
1962	05/18/62	94									0
1963	03/19/63	4									0
1964	09/17/64	8									0
1965	06/12/65	97									0
1966	03/10/66	0									0
1967	06/19/67	19									0
1968	/ /68	0									0
1969	04/04/69	32									0
1970	04/22/70	0									0
1971	06/06/71	104									0
1972	05/13/72	6									0
1973	03/14/73	15									0
1974	/ /74	5									0
1975	08/22/75	4									0
1976	03/12/76	25									0
1977	03/12/77	5									0
1978	07/22/78	120									0
1979	05/10/79	51									0
1980	03/ /80	10									0

TABLE 161.-- STATION 06478840, SADDLEROCK CR NEAR BERESFORD SD

STATION LOCATOR		DRAINAGE AREA:		23.10 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
431255 0964933		DRAINAGE AREA:		1300.00 (NGVD)					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	/ /56	8							0
1957	06/17/57	140		4.91					0
1958	03/26/58	16		2.42					0
1959	05/28/59	57		3.70					0
1960	04/01/60	1100							0
1961	02/14/61	17		2.80	1				0
1962	06/16/62	340		6.32					0
1963	03/19/63	19		2.54					0
1964	05/12/64	13		2.30					0
1965	06/12/65	1480		9.80					0
1966	03/09/66	15		2.50	1				0
1967	06/19/67	44		3.34					0
1968	/ /68	6							0
1969	04/08/69	900		8.39					0
1970	03/18/70	21		2.51					0
1972	05/13/72	68		3.93					0
1973	04/15/73	100		4.47					0
1974	06/22/74	390		6.60					0
1975	04/16/75	10							0
1976	03/12/76	70		4.63	1				0
1977	05/22/77	41		3.26					0
1978	03/ /78	200		5.53	1				0
1979	05/10/79	460		6.92					0
1980	04/03/80	49		3.50					0

TABLE 162.-- STATION 06478950, ASH CR NEAR BERESFORD SD

STATION LOCATOR		DRAINAGE AREA:		5.00		SQ MI			
LAT.	LONG.	CONTRIBUTING				SQ MI			
430501 0965008		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	07/17/69	312		5.11					0
1970	06/18/70	73		2.87					0
1971	06/06/71	1050		10.45					0
1972	05/23/72	50		2.59					0
1973	03/14/73	240		4.97	1				0
1974	06/22/74	321		5.19					0
1975	06/21/75	242		4.47					0
1976	03/19/76	50		4.51	1				0
1977	09/12/77	303		5.03					0
1978	07/22/78	584		7.38					0
1979	05/10/79	365		5.58					0

TABLE 163.-- STATION 06479020, SMOKY RUN NEAR IRENE SD

STATION LOCATOR		DRAINAGE AREA:		4.96 SQ MI					
LAT.	LONG.	CONTRIBUTING		SQ MI					
430456 0971912		DRAINAGE AREA:		SQ MI					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	04/03/69	75		5.77	1				0
1970	04/22/70	6		3.26					0
1971	06/14/71	35		4.36					0
1972	05/01/72	46		4.66					0
1973	03/14/73	30		5.46	1				0
1974	06/09/74	22		3.93					0
1975	04/ /75	5		3.85	1				0
1976	03/19/76	10		3.90	1				0
1977	03/12/77	8		3.65	1				0
1978	07/21/78	23		4.01					0
1979	04/ /79	10		4.35	1				0

TABLE 164.-- STATION 06479200, BIG SIOUX R NEAR ORTLEY SD

STATION LOCATOR		DRAINAGE AREA:		53.80		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
451330 0970935		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	05/28/56	56		4.25	1				0
1957	03/21/57	110		5.02	1				0
1958	04/06/58	126		5.25	1				0
1959	05/30/59	30		3.75	1				0
1960	03/29/60	495		5.39					0
1961	05/17/61	41		3.97	1				0
1962	07/01/62	950		5.73					0
1963	07/26/63	285		4.92					0
1964	04/16/64	66		4.21					0
1965	05/24/65	350		5.02					0
1966	03/12/66	660		5.52					0
1967	03/20/67	150		5.42	1				0
1968	05/08/68	15		2.95					0

TABLE 165.-- STATION 06479240, BIG SIOUX R TRIB NO 2 NEAR SUMMIT SD

STATION LOCATOR		DRAINAGE AREA:		0.26 SQ MI			
LAT.	LONG.	CONTRIBUTING		SQ MI			
451345 0970605		DRAINAGE AREA:					
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
1956	04/02/56	3		2.68	1		
1957	03/20/57	5		3.02	1		
1958	04/06/58	18		2.98			
1959	03/06/59	1		2.02	1		
1960	04/ /60	26		3.47			
1961	04/ /61	3		1.76			
1962	07/01/62	53		5.16			
1963	06/09/63	5		1.99			
1964	04/05/64	13		2.70			
1965	05/24/65	38		4.23			
1966	03/13/66	6		2.06			
1967	06/14/67	13		2.62			
1968	/ /68	0					
1969	04/06/69	40		4.32			
1970	06/16/70	3		1.80			
1971	06/29/71	50		4.97			
1972	07/26/72	9		2.27			
1973	03/14/73	3		2.02	1		

TABLE 166.-- STATION 06479260, BIG SIOUX R TRIB NO 3 NEAR SUMMIT SD

STATION LOCATOR		DRAINAGE AREA:		6.61 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
451330 0970627		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	04/02/56	40		4.96	1			0
1957	05/21/57	105		4.40				0
1958	04/06/58	175		4.82				0
1959	05/30/59	2		2.71				0
1960	03/30/60	255		5.17				0
1961	05/17/61	17		3.33				0
1962	07/01/62	1050		10.68				0
1963	06/09/63	170		4.78				0
1964	04/05/64	120		4.50				0
1965	05/24/65	365		6.15				0
1966	03/12/66	75		4.66	1			0
1967	06/14/67	250		5.15				0
1968	05/08/68	10		3.13				0
1969	04/08/69	800		10.18				0
1970	06/16/70	52		3.90				0
1971	06/29/71	480		7.57				0
1972	07/26/72	330		5.72				0
1973	05/24/73	90		4.27				0
1974	03/03/74	25		4.75	1			0
1975	04/ /75	3		6.14	1			0
1976	03/12/76	15		5.53	1			0
1977	06/16/77	106		4.40				0
1978	05/29/78	112		4.44				0

TABLE 167.-- STATION 06479350, SOO CR TRIB NEAR SOUTH SHORE SD

STATION LOCATOR		DRAINAGE AREA:		1.56 SQ MI				
LAT.	LONG.	CONTRIBUTING		SQ MI				
450622	0970112	DRAINAGE AREA:						
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	04/19/70	26		4.28				0
1971	06/29/71	38		4.61				0
1972	04/12/72	140		6.67				0
1973	03/14/73	50		5.85	1			0
1974	03/03/74	20		6.65	1			0
1975	04/ /75	15		7.87	1			0
1976	03/12/76	5		5.14	1			0
1977	06/16/77	279		8.80				0
1978	07/06/78	280		8.82				0
1979	04/ /79	25		7.42	1			0

122

TABLE 168.-- STATION 06479438, BIG SIOUX R NEAR WATERTOWN SD

STATION LOCATOR		DRAINAGE AREA:		1007.00		SQ MI			
LAT.	LONG.	CONTRIBUTING		DRAINAGE AREA:		SQ MI			
450022	0970953	GAGE DATUM:		1725.81 (NGVD)					
		BASE DISCHARGE:		300.00 CFS					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/16/84	1330		9.25	2	9.52	03/25/84	1	3
	03/25/84	1000	9	9.52	1				
	03/31/84	416		7.58					
1985	04/13/84	344		7.30					
	03/17/85	1700		9.62	1				1
	07/18/85	800		8.40					

TABLE 169.--- STATION 06479515, WILLOW CR NEAR WATERTOWN SD

STATION LOCATOR		DRAINAGE AREA:		110.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
445417 0970331		DRAINAGE AREA:		110.00		SQ MI			
		GAGE DATUM:		1721.24		(NGVD)			
		BASE DISCHARGE:		200.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	PEAK DISCHARGE (CFS)	DATE	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	4040	06/15/84		7.50	2	8.16	03/25/84	1	5
	1800	03/25/84	9	8.16	1				
	281	04/12/84		4.78					
	1800	06/06/84		6.42					
	1450	06/08/84		6.18					
	375	06/23/84		4.98					
1985	1600	03/19/85		6.76	12	7.71	03/16/85	1	2
	425	07/18/85		5.07					
	224	09/09/85		4.66					

TABLE 170.--- STATION 06479529, STRAY HORSE CR NEAR CASTLEWOOD SD

STATION LOCATOR		DRAINAGE AREA:		74.50		SQ MI			
LAT. LONG.		CONTRIBUTING		74.50		SQ MI			
444352 0965723		DRAINAGE AREA:		1703.88		(NGVD)			
		GAGE DATUM:		175.00		CFS			
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	PEAK DISCHARGE (CFS)	DATE	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	1180	06/15/84		9.50	2	10.78	03/24/84	1	7
	550	03/24/84	9	10.78	1				
	531	03/30/84		8.35					
	213	04/12/84		7.28					
	503	06/06/84		8.28					
	330	06/08/84		7.77					
	511	06/10/84		8.30					
	280	06/22/84		7.57					
1985	1970	09/08/85		10.50	2	10.62	03/18/85	1	4
	227	10/19/84		7.48					
	250	02/21/85		7.98	1				
	1800	03/18/85		10.62	1				
	423	09/03/85		8.20					

TABLE 171.-- STATION 06479550, DOLPH CR TRIB NEAR LAKE NORDEN SD

STATION LOCATOR		DRAINAGE AREA:		5.91 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
443515 0971937		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1970	06/16/70	24		3.78				0
1971	03/13/71	9		4.65	1			0
1972	07/21/72	64		4.46				0
1973	03/0 /73	20		4.90	1			0
1974	03/0 /74	5		3.68	1			0
1975	04/0 /75	1		2.84				0
1976	03/12/76	10		4.23	1			0
1977	06/16/77	23		4.07				0
1978	04/18/78	32		3.93				0
1979	06/16/79	24		3.77				0

TABLE 172.-- STATION 06479640, HIDEWOOD CR NEAR ESTELLINE SD

STATION LOCATOR		DRAINAGE AREA:		164.00		SQ MI			
LAT. LONG.		CONTRIBUTING							
443642 0965417		DRAINAGE AREA:		164.00		SQ MI			
		GAGE DATUM:		1665.00		(NGVD)			
		BASE DISCHARGE:		300.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/15/84	1110		8.22	2	8.81	03/25/84	1	5
	03/25/84	350	9	8.81	1				
	04/12/84	395		6.45					
	06/08/84	405		6.49					
	06/11/84	658		7.25					
	06/23/84	437		6.60					
1985	03/20/85	1020		8.10	2	8.37	03/17/85	1	0

TABLE 173.-- STATION 06479750, PEG MUNKY RUN NEAR ESTELLINE SD

STATION LOCATOR		DRAINAGE AREA:		25.20		SQ MI			
LAT. LONG.		CONTRIBUTING				SQ MI			
443422 0965115		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	08/02/56	667		6.02					0
1957	03/21/57	80		4.68	1				0
1958	07/13/58	202		4.42					0
1959	03/07/59	390		5.34					0
1960	04/06/60	1080		6.68					0
1961	06/07/61	440		5.50					0
1962	03/27/62	1010		6.58					0
1963	07/28/63	208		4.43					0
1964	04/01/64	73		3.26					0
1965	05/24/65	1540		7.29					0
1966	03/10/66	130		6.90	1				0
1967	03/02/67	200		5.38	1				0
1968	04/23/68	50		3.60	1				0
1969	04/07/69	1480		7.25					0
1970	05/29/70	505		5.42					0
1971	06/29/71	310		4.73					0
1972	05/30/72	1070		6.64					0
1973	03/ /73	125		6.00	1				0
1974	03/ /74	40		4.36	1				0
1975	05/10/75	13		3.16					0
1976	03/12/76	15		6.50	1				0
1977	06/16/77	25		3.50					0
1978	05/28/78	670		6.84					0
1979	04/ /79	400		8.13	1				0
1980	06/03/80	1200		7.59					0

TABLE 174.-- STATION 06479800 NORTH DEER CR NEAR ESTELLINE SD

WATER YEAR	PEAK DISCHARGE (CFS)	DATE	DISCHARGE CODES	STATION LOCATOR		DRAINAGE AREA: CONTRIBUTING DRAINAGE AREA: GAGE DATUM: BASE DISCHARGE:	48.30 SQ MI		GAGE- HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
				LAT.	LONG.		SQ MI	SQ MI						
1956	218	07/26/56		442744	0964713				6.30					0
1957	29	06/16/57							4.10					0
1958	22	03/25/58							3.91					0
1959	12	03/09/59							3.63	1				0
1960	520	04/06/60							7.40					0
1961	175	06/07/61							6.04					0
1962	820	07/04/62							7.61					0
1963	660	07/28/63							7.52					0
1964	56	04/27/64							4.70					0
1965	250	05/09/65							6.46					0
1966	425	03/10/66							7.48	1				0
1967	104	06/15/67							5.40					0
1968	14	04/23/68							3.95					0
1969	3550	04/07/69							8.45					0
1970	5000	06/16/70							8.79					0
1971	175	03/14/71							6.90	1				0
1972	3100	05/30/72							8.35					0
1973	112	07/02/73							5.56					0
1974	50	03//74							6.49	1				0
1975	16	06/09/75							4.00					0
1976	100	03/12/76							6.48	1				0
1977	65	06/16/77							5.02					0
1978	100	04/23/78							5.43					0
1979	300	04//79							7.74	1				0
1980	620	06/25/80							7.45					0

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

TABLE 175.-- STATION 06479810, NORTH DEER CR TRIB NEAR BROOKINGS SD

STATION LOCATOR DRAINAGE AREA: 0.33 SQ MI
 LAT. LONG. CONTRIBUTING
 DRAINAGE AREA: SQ MI
 442244 0964714 GAGE DATUM:

NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	04/08/69	106		7.73					0
1970	06/15/70	134		8.65					0
1971	03/14/71	5		5.38	1				0
1972	05/24/72	108		7.77					0
1973	03/14/73	15		5.43	1				0
1974	02/ /74	7		4.62	1				0
1975	04/22/75	0		3.43					0
1976	03/12/76	11		5.95	1				0
1977	06/15/77	170		9.70					0
1978	03/ /78	10		5.44	1				0
1979	04/ /79	20		6.38					0

TABLE 176.-- STATION 06479900, SIXMILE CR TRIB NEAR BROOKINGS SD

STATION LOCATOR		DRAINAGE AREA:		9.78 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
442257 0964048		DRAINAGE AREA:							
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/15/56	56		3.88					0
1957	03/21/57	40		4.83	1				0
1958	03/25/58	10		3.80	1				0
1959	03/09/59	11		3.78					0
1960	04/06/60	595		6.16					0
1961	06/07/61	656		6.29					0
1962	07/04/62	840		6.68					0
1963	07/28/63	820		6.64					0
1964	04/27/64	214		4.85					0
1965	04/06/65	400		7.68	1				0
1966	03/10/66	65		6.66	1				0
1967	06/15/67	192		4.74					0
1968	/ /68	0							0
1969	04/08/69	1000		9.08	1				0
1970	06/16/70	660		6.30					0
1971	03/14/71	100		5.24	1				0
1972	05/30/72	196		4.76					0
1973	03/14/73	100		5.30	1				0
1974	03/ /74	20		4.49	1				0
1975	/ /75	10							0
1976	/ /76	10							0

TABLE 177.-- STATION 06479950, DEER CR NEAR BROOKINGS SD

STATION LOCATOR		DRAINAGE AREA:		4.04	SQ MI				
LAT.	LONG.	CONTRIBUTING							
442303 0963719		DRAINAGE AREA:			SQ MI				
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/15/56	0		2.66					0
1957	03/19/57	30		4.79	1				0
1958	03/25/58	2		2.79					0
1959	03/09/59	10		3.46	1				0
1960	04/06/60	325		5.74					0
1961	06/07/61	360		5.83					0
1962	07/04/62	325		5.74					0
1963	07/28/63	330		5.76					0
1964	04/01/64	170		3.68					0
1965	04/03/65	70		5.40	1				0
1966	03/10/66	40		4.53	1				0
1967	06/15/67	68		4.33					0
1968	/ / 68	0							0
1969	04/08/69	750		7.72	1				0
1970	06/16/70	250		5.43					0
1971	03/14/71	20		3.91	1				0
1972	07/26/72	95		4.56					0
1973	03/14/73	20		3.91	1				0
1974	/ / 74	5							0
1975	/ / 75	2		1.81	1				0
1976	03/12/76	6		5.57	1				0
1977	06/16/77	350		7.23					0
1978	03/ / 78	30		3.47	1				0
1979	05/30/79	117		4.40					0
1980	06/25/80	540		9.57					0

TABLE 178.-- STATION 06480000, BIG SIOUX RIVER NEAR BROOKINGS SD

STATION LOCATOR		DRAINAGE AREA: 3898.00 SQ MI							
LAT.	LONG.	CONTRIBUTING DRAINAGE AREA: 2419.00 SQ MI							
441048 0964455		GAGE DATUM: 1551.91 (NGVD)							
		BASE DISCHARGE: 1000.00 CFS							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	PARTIAL PEAKS
1984	06/22/84	13700		13.70					5
	03/30/84	3690		11.00					
	04/13/84	5360		11.67					
	05/09/84	1140		7.55					
	05/15/84	1100		7.38					
1985	05/19/84	1040		7.17					3
	03/19/85	8440		12.51					
	10/22/84	2350		10.16					
	04/24/85	1740		9.65					
	09/16/85	1090		7.34					

TABLE 180.--- STATION 06481000, BIG SIOUX R NEAR DELL RAPIDS SD

STATION LOCATOR		DRAINAGE AREA:		4483.00		SQ MI			
LAT.	LONG.	CONTRIBUTING							
434725	0964442	DRAINAGE AREA:		3004.00		SQ MI			
		GAGE DATUM:		1455.99		(NGVD)			
		BASE DISCHARGE:		1000.00		CFS			
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE-HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/23/84	17400		15.20					3
	04/01/84	5800	9	13.71	1				
	04/15/84	6330		12.87					
1985	05/08/84	2050		8.86					5
	03/21/85	8600		13.57					
	10/24/84	2460		9.80					
	04/24/85	3780		11.42					
	05/31/85	2180		9.08					
	09/07/85	1050		6.65					
	09/17/85	1070		6.64					

TABLE 181.-- STATION 06481500, SKUNK CR AT SIOUX FALLS SD

STATION LOCATOR		DRAINAGE AREA: 622.00 SQ MI							
LAT.	LONG.	CONTRIBUTING							
433201 0964726		DRAINAGE AREA: 613.00 SQ MI							
		GAGE DATUM: 1405.10 (NGVD)							
		BASE DISCHARGE: 500.00 CFS							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/21/84	11000		15.54					10
	03/26/84	895		5.69					
	03/28/84	903		5.71					
	04/04/84	2470		8.50					
	04/08/84	1920		7.69					
	04/12/84	5900		12.00					
	05/01/84	1890		7.64					
	05/07/84	1850		7.58					
1985	06/12/84	3170		9.42					2
	06/15/84	2870		9.07					
	06/16/84	4570		10.83					
	04/23/85	3750		10.00					
	03/16/85	2690		8.76					
	04/05/85	1100		6.02					

TABLE 182.--- STATION 06482020, BIG SIOUX R AT NORTH CLIFF AVE AT SIOUX FALLS SD

WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (Ft)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (Ft)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1984	06/22/84	21600	6	25.40					5
	03/05/84	1010	6	7.73					
	04/01/84	8540	6	19.31					
	04/12/84	10900	6	20.56					
	05/01/84	3420	6	13.74					
1985	05/07/84	3590	6	14.00					5
	03/22/85	8230	6	18.67					
	10/25/84	2290	6	11.98					
	04/04/85	3750	6	13.94					
	04/23/85	6510	6	17.09					
	06/01/85	2140	6	11.28					
	09/19/85	1020	6	8.62					

STATION LOCATOR LAT. LONG. 433401 0964239									
DRAINAGE AREA: 5216.00 SQ MI									
CONTRIBUTING DRAINAGE AREA: 3729.00 SQ MI									
GAGE DATUM: 1294.18 (NGVD)									
BASE DISCHARGE: 1000.00 CFS									
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									

TABLE 183.--- STATION 06482600, WEST PIPESTONE CR TRIB NEAR GARRETSON SD

STATION LOCATOR		DRAINAGE AREA:		2.16 SQ MI				
LAT. LONG.		CONTRIBUTING		SQ MI				
434212 0963643		DRAINAGE AREA:		SQ MI				
		GAGE DATUM:						
		BASE DISCHARGE:						
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS								
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1969	06/29/69	393		9.21				0
1970	05/28/70	792		12.52				0
1971	06/29/71	7		4.04				0
1972	03/08/72	150		9.03	1			0
1973	03/13/73	59		5.16	1			0
1974	10/09/73	566		10.71				0
1975	06/03/75	66		5.29				0
1976	03/11/76	10		7.56	1			0
1977	07/24/77	141		6.39				0
1978	08/01/78	216		7.32				0
1979	03/20/79	250		10.26	1			0

TABLE 184.-- STATION 06482610, SPLIT ROCK CR AT CORSON SD

STATION LOCATOR		DRAINAGE AREA:		464.00		SQ MI	
LAT. LONG.		CONTRIBUTING		464.00		SQ MI	
433659 0963354		DRAINAGE AREA:		1304.22		(NGVD)	
		GAGE DATUM:		500.00		CFS	
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE NUMBER OF PARTIAL PEAKS
1984	06/21/84	9020		14.08			9
	03/30/84	3060		8.33			
	04/04/84	2570		7.70			
	04/08/84	1740		6.47			
	04/12/84	4780		10.18			
	05/02/84	1600		6.25			
	05/07/84	2960		8.21			
	06/12/84	3860		9.74			
	06/14/84	3420		9.24			
	06/17/84	3680		9.51			
1985	04/22/85	4100		9.72			1
	03/13/85	3100		8.70			

TABLE 185.-- STATION 06482870, LITTLE BEAVER CR TRIB NEAR CANTON SD

STATION LOCATOR		DRAINAGE AREA:		0.31 SQ MI					
LAT. LONG.		CONTRIBUTING		SQ MI					
431527 0963759		DRAINAGE AREA:		1330.00 (NGVD)					
		GAGE DATUM:							
		BASE DISCHARGE:							
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS									
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE-- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE	GAGE- HEIGHT CODES	NUMBER OF PARTIAL PEAKS
1956	06/04/56	11		2.04					0
1957	07/27/57	23		2.60					0
1958	02/27/58	10		1.98					0
1959	05/21/59	51		3.78					0
1960	04/01/60	20		2.49					0
1961	03/15/61	11		2.03					0
1962	06/16/62	44		3.49					0
1963	09/04/63	22		2.56					0
1964	05/12/64	27		2.78					0
1965	06/12/65	30		2.90					0
1966	08/20/66	10		1.98					0
1967	08/24/67	24		2.62					0
1968	06/25/68	45		3.54					0
1969	04/08/69	65		4.91	1				0
1970	06/16/70	20		2.49					0
1971	07/10/71	104		5.54					0
1972	06/18/72	20		2.48					0
1973	03/14/73	25		3.06	1				0

TABLE 186.-- STATION 06485550, W UNION CR NEAR ALCESTER SD

STATION LOCATOR		DRAINAGE AREA:		3.48 SQ MI			
LAT. LONG.		CONTRIBUTING		SQ MI			
425618 0963800		DRAINAGE AREA:					
		GAGE DATUM:					
		BASE DISCHARGE:					
NOTE: BLANKS INDICATE NO INFORMATION EXCEPT FOR DISCHARGE CODE AND GAGE-HEIGHT CODE COLUMNS							
WATER YEAR	DATE	PEAK DISCHARGE (CFS)	DISCHARGE CODES	GAGE HEIGHT (FT)	GAGE- HEIGHT CODES	MAX GAGE HEIGHT (FT)	DATE
1969	06/27/69	2100		8.95			
1970	05/27/70	640		6.39			
1971	06/06/71	940		7.50			
1972	06/07/72	905		7.31			
1973	06/18/73	425		4.60			
1974	06/22/74	566		5.28			
1975	04/16/75	128		3.14			
1976	03/12/76	50		5.28	1		
1977	09/12/77	276		3.93			
1978	07/22/78	272		3.91			
1979	04/ /79	100		7.47			