



1994

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES



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DEPARTMENT OF WATER RESOURCES

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

1994

**Prepared Under the Direction of Michael Jess, Director
Department of Water Resources**

REPUBLICAN RIVER BASIN

MEDICINE CREEK above Harry Strunk Lake - 1994

LOCATION.--SW1/4 Sec. 7-6-26 W., Frontier County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1950 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994.
Summary totals are for the entire calendar year.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 11,600 cubic feet per second June 21, 1967, gage height 20.05 ft.
Minimum daily discharge 9.1 cubic feet per second August 9, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 261 cubic feet per second March 3, gage height 7.54 ft.
Minimum daily discharge 27 cubic feet per second September 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1994

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										36	46	51
2										36	46	51
3										37	46	51
4										38	47	51
5										39	47	50
6										43	48	50
7										45	49	50E
8										47	49	50E
9										45	48	50E
10										44	47	50E
11										43	48	50E
12										43	48	50E
13										42	49	50E
14										43	48	52E
15										44	48	54E
16										45	47	54E
17										50	48	54E
18										52	48	54E
19										56	47	55E
20										53	49	55
21										50	50	56
22										48	52	56
23										47	51	56
24										47	50	55
25										46	50	56
26										46	50	56
27										45	52	56
28										47	52	56
29		-----								46	53	55
30		-----								46	51	55
31		-----		-----		-----			-----	46	-----	55
TOTAL										1,395	1,464	1,644
MEAN										45.0	48.8	53.0
MAX										56	53	56
MIN										36	46	50
AC-FT										2,770	2,900	3,260
YEAR 1994	TOTAL	19,479	MEAN	53.4	MAX	244	MIN	27	AC-FT	38,640		

REPUBLICAN RIVER BASIN

MEDICINE CREEK below Harry Strunk Lake - 1994

LOCATION.--Center of Sec. 25-5-26 W., Frontier County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1949 - present (Monthly discharge only for some periods, published in WSP 1730).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994.
Summary totals are for the entire calendar year.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,300 cubic feet per second March 23, 1960, gage height 5.97 ft.
No flow September 11, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 337 cubic feet per second July 25 & 26, gage height 2.79 ft.
Minimum daily discharge 0.11 cubic feet per second September 11 & 12.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1994

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										.24	.26	.34
2										.24	.24	.35
3										.81	.22	.31
4										.76	.21	.35
5										.73	.20	.35
6										.23	.17	.41E
7										.25	.18	.41E
8										.27	.23	.41E
9										.30	.27	.41E
10										.27	.27	.47E
11										.26	.29	.47E
12										.27	.26	.47E
13										.27	.26	.47E
14										.27	.25	.53
15										.29	.26	.56
16										.26	.24	.58
17										.30	.27	.57
18										.27	.27	.53
19										.22	.29	.55
20										.21	.43	.55
21										.21	.29	.52
22										.21	.27	.51
23										.18	.27	.52
24										.16	.27	.51
25										.16	.27	.45
26										.19	.30	.42
27										.23	.36	.44
28										.25	.29	.47
29		-----								.23	.30	.47
30		-----								.23	.30	.51
31		-----		-----		-----			-----	.24	-----	.54
TOTAL										9.01	7.99	14.45
MEAN										.29	.27	.47
MAX										.81	.43	.58
MIN										.16	.17	.31
AC-FT										18	16	29
YEAR 1994	TOTAL	21373.58	MEAN	58.6	MAX	316	MIN	.11	AC-FT	42,390		