

ORIGIN BY STATES OF REPUBLICAN RIVER WATER SUPPLY

Above Hardy, Nebraska

\* Based on 11-year Mean 1930-1940

Values in Acre-Feet.

Stream	State			Total
	Colorado	Nebraska	Kansas	
Frenchman	37,000	48,900	0	85,900
Buffalo	6,500	600	0	7,100
North Fork Rep.	33,500	33,500	0	67,000
Arikaree	17,200	17,200	100	34,500
South Fork Rep.	23,400	23,400	22,790	69,590
Driftwood	0	4,680	5,140	9,820
Beaver	2,240	3,330	10,230	15,800
Sappa	0	1,400	18,500	19,900
Prairie Dog	0	4,670	22,130	26,800
Rock	0	10,600	0	10,600
Blackwood	0	10,000	0	10,000
Red Willow	0	21,100	0	21,100
Medicine	0	50,300	0	50,300
Measured Trib.	120,380	104,130	79,990	304,500
- French	37,600	154,130		
Main Stem Rep. R.	82,780			
State Line - Culbertson		8,500		
Culbertson - Bloomington		35,700		
Bloomington - Hardy		40,900		
		<u>85,100</u>		<u>85,100</u>
Total	120,380	239,230	79,990	439,600
Per Cent Contribution	27.4	54.4	18.2	100
Per Cent Dr. Area	34.7	43.5	21.8	100

\* Flood discharges of May and June excluded and 10-year monthly means substituted

Nebraska  
R. H. Willis & F. B. Shaifer  
12-29-40

MONTHLY AND ANNUAL FLOWAGE  
BEAVER CREEK NEAR BEAVER CITY  
ACRE-FEET.

Water Years	(1) 1930	(1) 1931	(1) 1932	(1) 1933	(1) 1934	(1) 1935
Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	2430	4230	1820	480	170	80
November	1540	1730	1930	110	430	1010
December	50	140	220	220	140	200
January	230	50	270	50	130	50
February	480	220	450	90	80	240
March	130	1530	300	930	330	250
April	3170	2450	1710	2550	1510	590
May	4080	1020	1720	5120	1050	3000
June	3640	3360	7730	1010	3500	340
July	2400	1560	500	2240	1700	1700
August	2530	2710	30	5230	1400	200
September	1670	720	60	1930	1050	1100
<b>Total</b>	<b>7830</b>	<b>15380</b>	<b>10220</b>	<b>9370</b>	<b>6400</b>	<b>10090</b>
<b>Annual</b>	<b>23,150</b>	<b>19,590</b>	<b>16,490</b>	<b>18,040</b>	<b>10,530</b>	<b>13,980</b>

Water Year Ending September 30.  
(1) Reconstructed Records.  
F.B.S.  
12-22-48

MONTHLY AND ANNUAL DISCHARGE  
BEAVER CREEK NEAR BEAVER CITY  
ACRE-FEET

Water Years	(1) 1936		(1) 1937		1938		1939		(1) 1940	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	230		(1) 590		43				10	
November	1030		(1) 80		14				14	
December	80		(1) 580		29				18	
January	170		(1) 340		36				35	
February	160		(1) 170		92				54	
March	180		(1) 970		275				52	
April	970		(1) 650		447				30	
May		3600		1850						888
June		510		4800						7110
July		710		1510						2750
August		1280		4250						465
September		2020		790						6
Total	2820	8320	3110	13290	936	15390	1291	11219	203	8815
Annual		11,140		16,400		16,326		12,510		9,018

\*Water Year Ending September 30  
(1) Reconstructed Records  
F.B.S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
 BUFFALO CREEK AT JENKINS HANCH. 20-1-40.  
 ACRE-FEET.

Water Years	1936	1937	1939	1939	1940
Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months
October	738		505		403
November	652		500		428
December	635		692		347
January	490		687		615
February	500		535		575
March	774		590		715
April	849		371		585
May		986		633	
June		670		450	484
July		450		430	296
August		659		512	230
September		593		553	194
					319
<b>Total</b>	<b>4668</b>	<b>3338</b>	<b>4111</b>	<b>2609</b>	<b>3665</b>
<b>Annual</b>	<b>8,006</b>	<b>9,512</b>	<b>6,719</b>	<b>5,609</b>	<b>5,746</b>

Water Year Ending September 30  
 F.B. Staffer  
 19-38-40  
 Discharges computed from fragmentary measurements.

MONTHLY AND ANNUAL DISCHARGE  
FRENCHMAN RIVER NEAR HAMLET.  
ACRE-FEET.

Water Years Months	1931		1932		1933		1934		1935
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months
October	5270		5370		6210		6120		5830
November	3400		5280		6190		6340		6820
December	4920		5460		5530		6900		6440
January	4300		6760		7320		7080		6360
February	5610		7360		6280		6340		5330
March	5730		6580		6520		8270		6770
April	5500		5690		6190		6220		6370
May		6460		5380		6400		5210	
June		6070		6600		4480		7760	
July		5320		5260		4830		4200	
August		4990		6050		6460		4860	
September		4220		4730		7140		5270	
Total	36730	27060	44580	38010	42770	23240	47270	27300	44120
Annual	63,790	72,670	70,940	73,550	74,570	80,190			

\*Water Year Ending September 30.  
State Bureau of Irrigation  
R. H. Willis  
12-17-40

(1) Reconstructed Records  
F.B.S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
FRANCISMAN RIVER NEAR HUGLEST.  
ACRE-FEET

Month	1936		1937		1938		1939		1940	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	5350		4740		4890		4710		4600	
November	6280		4960		5080		5200		4700	
December	6510		5460		5460		5090		4900	
January	7060		5060		5710		5920		4700	
February	6910		6170		5390		4820		5900	
March	7420		6670		5650		5760		6300	
April	7150		4930		5730		5570		5100	
May		5540		5430		5980		4440		4400
June		5860		7450		8230		6340		26100
July		3980		5320		6400		4530		6300
August		4500		4610		4350		4440		5800
September		4980		4540		5960		4330		5200
<b>Total</b>	<b>46670</b>	<b>27300</b>	<b>37990</b>	<b>27350</b>	<b>37910</b>	<b>30940</b>	<b>37070</b>	<b>24080</b>	<b>36200</b>	<b>41500</b>
<b>Annual</b>	<b>73,970</b>	<b>60,340</b>	<b>68,850</b>	<b>61,150</b>	<b>77,700</b>					

Water Year Ending September 30.  
State System of Irrigation  
L. H. WILLS  
12-27-40

MONTHLY AND ANNUAL DISCHARGE  
MADICINE CREEK NEAR CAMERIDGE  
ACRE-FEET.

*Water Years Months	1930		1931		(1)1932		(1)1933		(1)1934		(1)1935	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	5370		5020		1900		2650		2020		3490	
November	4560		3990		1720		2400		2830		4030	
December	4310		4670		3520		2700		5200		2220	
January	3750		4950		3710		4040		4850		4100	
February	3520		4770		2770		2520		2850		3420	
March	4050		3600		3320		5060		4200		4280	
April	5040		4700		5570		5170		2710		2530	
May		4550		4590		7930		7140		2900		10220
June		9990		2140		36640		2910		4250		9910
July		8230		1900		3940		2060		1900		2690
August		6430		1340		3350		6350		1800		2400
September		1780		990		1940		7500		1700		4070
<b>Total</b>	<b>28620</b>	<b>30980</b>	<b>33700</b>	<b>11560</b>	<b>23110</b>	<b>53800</b>	<b>22540</b>	<b>25960</b>	<b>24710</b>	<b>12450</b>	<b>24360</b>	<b>54580</b>
<b>Annual</b>	<b>59,600</b>	<b>45,260</b>	<b>76,910</b>	<b>43,500</b>	<b>37,160</b>	<b>78,740</b>						

\*Water Year Ending September 30  
Years 1933-1935-1931 estimated from measurements, no daily gage readings.  
State Bureau of Irrigation  
A.W.Hall  
4-18-40

(1) Reconstructed Records  
F.B.S.  
12-25-40

MONTHLY AND ANNUAL DISCHARGE  
 MEDICINE CREEK NEAR CAMBRIDGE  
 ACUTE-FEET

Water Years	(1) 1936			1937			1938			1939			1940		
Month	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	
October	1910		*2100		2480		1890		1900		1900		1900		
November	2060		*2500		3000		2420		2400		2400		2400		
December	2690		1890		3050		2220		2800		2800		2800		
January	3100		2450		2820		2620		3800		3800		3800		
February	2880		2880		2860		2370		4000		4000		4000		
March	3380		3910		3840		3870		4800		4800		4800		
April	2210		3000		3920		4850								
May		12200		2790		7300		3030		3200		3200			
June		3850		6430		4060		9610		19800		19800			
July		1900		4490		6020		3520		9900		9900			
August		1800		5540		2660		2930		5600		5600			
September		1000		2790		2500		1160		6200		6200			
<b>Total</b>	<b>22450</b>	<b>20150</b>	<b>18670</b>	<b>24040</b>	<b>21970</b>	<b>24640</b>	<b>20240</b>	<b>20250</b>	<b>22100</b>	<b>44700</b>	<b>66,800</b>				
<b>Annual</b>	<b>42,800</b>	<b>42,710</b>	<b>46,610</b>												

Water Year Ending September 30  
 Total Discharge  
 State Division of Irrigation  
 A. F. Hall  
 4-15-46  
 (1) Reconstructed Records  
 F.S.D.  
 12-18-48



MONTHLY AND ANNUAL DISCHARGE  
PRAIRIE DOG CREEK NEAR WOODRUFF

ACRE-FEET

*Water Years Months	1930		1931		1932		(1) 1933		(1) 1934		(1) 1935	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	4370		11500		860		810		250		80	
November	450		3360		650		190		960		2040	
December	390		1430		550		290		1940		350	
January	320		1380		460		100		100		100	
February	1060		1090		13300		90		1440		240	
March	680		1020		1250		1350		320		240	
April	1740		1650		870		4030		1210		1000	
May		3040		1410		2910		4450		1780		5880
June		11500		1300		3290		1020		4400		5200
July		1400		520		(1)2500		3580		490		1110
August		3480		8190		(1)1650		6970		1770		2360
September		3260		1250		(1)3000		2210		2750		3680
Total	9010	22680	21430	12670	17940	13350	6860	18230	6220	11190	4050	18230
Annual	31,690		34,100		31,290		25,090		17,410		22,280	

\*Water Year Ending September 30.  
(1) Reconstructed Records.

F. B. S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
PRAIRIE DOG CREEK NEAR WOODRUFF  
ACRE-FEET

Water Years	(1) 1936	(1) 1937	(1) 1938	(1) 1939	(1) 1940
Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months
October	420	570	2930	80	11
November	1600	100	100	160	9
December	100	1010	160	60	21
January	230	550	380	420	37
February	140	340	200	790	568
March	230	1000	2190	1630	134
April	870	850	3420	1460	30
May		6000		6960	2960
June		550		2510	4200
July		1560		2460	1590
August		1610		2470	1690
September		2410		1260	630
<b>Total</b>	<b>3570</b>	<b>12130</b>	<b>9380</b>	<b>15660</b>	<b>810</b>
<b>Annual</b>	<b>15,700</b>	<b>19,490</b>	<b>25,040</b>	<b>15,670</b>	<b>19,413</b>

\*Water Year Ending September 30.  
(1) Reconstructed Records  
F. B. S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
 REIFULDEAN RIVER AT CULBERTSON  
 ACRES-FEET.

Water Years	1931		1932		1933		1934		1935	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	7800		3700		4400		8200		1200	
November	10900		9800		7600		9000		5300	
December	14570		10500		9500		12900		11200	
January	15420		11700		11400		12000		12300	
February	17910		9200		9700		12200		10800	
March	11100		9600		11200		11300		13600	
April	11500		8900		8100		8700		8100	
May	16600	7000		7500		14800		1500		242100
June	13300	6900		11500		2800		8900		209400
July	4500	300		6000		2600		200		23400
August	10200	1900		9800		80600		600		149800
September	8000	800		1100		38000		0		9200
<b>Total</b>	<b>89200</b>	<b>52600</b>	<b>63400</b>	<b>35900</b>	<b>61900</b>	<b>138800</b>	<b>74300</b>	<b>11100</b>	<b>62500</b>	<b>499800</b>
<b>Annual</b>	<b>141,800</b>	<b>102,400</b>	<b>99,300</b>	<b>200,700</b>	<b>85,400</b>	<b>561,700</b>				

\*Water Year Ending September 30  
 State Bureau of Irrigation  
 F.E. Willis,  
 12-19-40

(1) Reconstructed Records  
 F.E.S.  
 12-28-40

**MONTHLY AND ANNUAL DISCHARGE  
REPUBLICAN RIVER AT GILBERTSON  
ACRE-FEET.**

Water Years	1936		1937		1938		1939		1940	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	3600		3700		5500		2700		100	
November	5900		5900		6300		4900		2500	
December	11000		7400		6100		7300		4500	
January	8200		4400		8700		10900		4700	
February	10900		9700		10200		3400		19000	
March	14200		13400		10500		21100		16900	
April	14300		10900		10900		13000		7300	
May		46900		19500		31500		3500		2800
June		20200		22200		20300		25300		7200
July		300		2700		17600		5600		1200
August		4000		2100		12900		5600		200
September		0		9700		21800		0		10300
<b>Total</b>	<b>67300</b>	<b>71400</b>	<b>57200</b>	<b>56200</b>	<b>59200</b>	<b>104100</b>	<b>63300</b>	<b>43000</b>	<b>55000</b>	<b>21700</b>
<b>Annual</b>	<b>138,700</b>	<b>113,400</b>	<b>162,300</b>	<b>106,300</b>	<b>76,700</b>					

Water Year Ending September 30  
State Bureau of Irrigation  
R. L. Willis  
12-17-40

**MONTHLY AND ANNUAL DISCHARGE  
REPUBLICAN RIVER AT HASTBY  
ACRE-FEET.**

*Water Years	(1)1930			(1)1932			1933			1934			1935		
	Seven Months	Five Months	Months	Seven Months	Five Months	Months	Seven Months	Five Months	Months	Seven Months	Five Months	Months	Seven Months	Five Months	Months
October	20200			(1) 4900			4660			24570			5800		
November	24200			(1)12600			8750			21400			14170		
December	24500			(1)11900			18400			34030			15230		
January	20500			(1)14200			26100			32390			19130		
February	28600			(1)61200			22500			26920			30420		
March	33900			(1)47800			37400			53280			32210		
April	54000			(1)33100			66000			29390			30040		
May	86500	42600			(1)27600			66000			12750			111100	
June	141500	42000			131000			15600			66630			618200	
July	33900	12200			217000			14500			6780			63210	
August	35800	23200			27100			55500			1100			74410	
September	56000	5800			23800			107000			19020			104100	
<b>Total</b>	<b>205900</b>	<b>353700</b>	<b>409900</b>	<b>189600</b>	<b>415200</b>	<b>183210</b>	<b>415200</b>	<b>183210</b>	<b>275400</b>	<b>207190</b>	<b>106280</b>	<b>147280</b>	<b>971280</b>		
<b>Annual</b>	<b>559,600</b>	<b>541,200</b>	<b>601,500</b>	<b>459,210</b>	<b>313,470</b>	<b>1,119,000</b>									

\*Water Year Ending September 30  
State Bureau of Irrigation  
A. W. Hall  
4-18-40

(2) Reconstructed Records  
F.D.S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
 MISSOURI RIVER AT HARDY  
 ACRE-FEET.

Water Years	1936			1937			1938			1939			1940		
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	
October	23580		3740		8530		7560		1200		4200		4200		
November	27010		10870		9000		11030		4200		9800		9800		
December	31840		17380		12970		15650		6600		6600		6600		
January	18890		9780		26250		17900		14000		14000		14000		
February	18020		39000		24650		15230		50400		50400		50400		
March	48040		42220		35730		41000		29000		29000		29000		
April	53360	124200	23410	25340	32160	89660	50740	57710	50500		50500		50500		
May		72660		103300		100200		139800		77300		77300		77300	
June		7270		54510		56810		42800		38100		38100		38100	
July		2150		47050		51000		26530		33000		33000		33000	
August		9870		27670		49940		1910		14200		14200		14200	
September															
Total	194440	216150	147370	258270	149290	346900	158730	248000	114600	193100					
Annual	410,590	405,640	496,270	307,900											

Water Year Ending September 30  
 State Bureau of Irrigation  
 R. M. Willis  
 12-21-40

MONTHLY AFD ANNUAL DISCHARGE  
 REPUBLICAN RIVER - SOUTH BRANCH - NEAR BIRCHLEIGH  
 ACRE-FEET.

Water Years	1930		1931		1932		1933		(1) 1934		(1) 1935	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	2260		610		1120		4960		2930		560	
November	4330		2980		2350		2760		2930		2930	
December	4400		4610		3500		5370		5960		5960	
January	6250		5530		3530		4470		5200		5200	
February	9350		4310		5050		5330		5690		5690	
March	1920		3990		4390		3900		5130		5130	
April	1540		3640		2330		5370		5380		5380	
May		5130		3560		4510		2520		490		166,790
June		3510		2340		11400		990		6920		98,380
July		500		70		920		680		100		7,520
August		3870		3020		4700		12140		90		3,400
September		4160		130		5950		10120		80		2,460
<b>Total</b>	<b>30950</b>	<b>16880</b>	<b>40070</b>	<b>9620</b>	<b>24320</b>	<b>27330</b>	<b>37160</b>	<b>26520</b>	<b>7680</b>	<b>28870</b>	<b>279,530</b>	
<b>Annual</b>	<b>47,430</b>	<b>49,690</b>	<b>52,650</b>	<b>50,270</b>	<b>44,840</b>	<b>305,400</b>						

Water Year Ending September 30  
 (1) Reconstructed Records  
 F. B. B.  
 12-22-40

**MONTHLY AND ANNUAL DISCHARGE  
REPUBLICAN RIVER - SOUTH BRANCH - NEAR BENDLAND MAR  
ACRE-FEET**

Water Years	(1) 1936			(1) 1937			(1) 1938			1940		
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	2560		870	1440	1110		0					
November	4480		790	1900	1400		760					
December	5130		4850	1130	2080		880					
January	3080		2180	2530	2200		420					
February	3690		2200	6070	810		2640					
March	4340		13420	4030	4930		4300					
April	3870		1880	3280	3330		2220					
May		31020				17480		1100				960
June		4810				4940		4050				300
July		390				7800		2130				500
August		130				400		760				0
September		120				3510		0				710
<b>Total</b>	<b>28830</b>	<b>36360</b>	<b>28390</b>	<b>20400</b>	<b>15860</b>	<b>34130</b>	<b>11220</b>	<b>8040</b>	<b>15860</b>	<b>8040</b>	<b>11220</b>	<b>2470</b>
<b>Annual</b>	<b>66,390</b>	<b>44,730</b>	<b>54,530</b>	<b>23,900</b>	<b>13,690</b>							

Current Year Ending September 30  
(1) Reconstructed Records  
12-26-46





MONTHLY AND ANNUAL DISCHARGE  
RED WILLOW CREEK NEAR RED WILLOW  
ACRE-FEET.

*Water Years	(1)1936	(1)1937	(1)1938	(1)1939	1940
Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months
October	820	970	900	880	7300
November	1280	1200	950	1160	6900
December	1290	1780	1040	730	6600
January	700	1550	920	1150	4300
February	770	1370	830	1040	3700
March	1250	2660	1970	1700	3400
April	2930	2160	2250	2380	2900
May	3740	1300	2600	1740	2300
June	1800	1720	1650	2690	3800
July	660	1190	1250	1360	3000
August	1650	920	1080	1450	1800
September	530	700	1470	510	2100
<b>Total</b>	<b>8080</b>	<b>5830</b>	<b>8860</b>	<b>8030</b>	<b>52900</b>
<b>Annual</b>	<b>16,460</b>	<b>17,290</b>	<b>16,690</b>	<b>16,730</b>	<b>45,900</b>

\*Water Year Ending September 30.  
Estimated from measurements - No daily gage readings  
State Bureau of Irrigation  
A. V. JALL  
4-18-40

(1) Reconstructed Records  
F.B.S.  
12-28-40

MONTHLY AND ANNUAL DISCHARGE  
ROCK CREEK AT FARM. 21-1-39.  
ACRE-FOOT

Water Years	1936		1937		1938		1939		1940	
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months
October	859		954		922		1043		885	
November	946		962		893		918		861	
December	1087		1041		986		861		833	
January	1204		974		694		815		714	
February	1119		770		805		576		754	
March	1049		1133		903		799		922	
April	1055		1246		714		815		893	
May		1230		847		994		732		861
June		1047		809		924		750		770
July		893		787		752		722		772
August		922		738		1030		676		647
September		893		714		950		690		536
<b>Total</b>	<b>7319</b>	<b>4985</b>	<b>7080</b>	<b>3953</b>	<b>5917</b>	<b>4715</b>	<b>5026</b>	<b>3596</b>	<b>5932</b>	<b>3586</b>
<b>Annual</b>	<b>12,304</b>	<b>11,045</b>	<b>11,045</b>	<b>10,632</b>	<b>9,422</b>	<b>9,418</b>				

\*Water Year Ending September 30.  
F.B. Shaffer  
12-28-40  
Discharges computed from fragmentary measurements.

MONTHLY AND ANNUAL DISCHARGE  
SANTA CREEK NEAR BEAVER CITY  
CUMULATIVE

Water Years	(1) 1930	(1) 1931	(1) 1932	(1) 1933	(1) 1934	
Month	Seven Months	Five Months	Seven Months	Five Months	Seven Months	
October	2910		1470	570	200	
November	1610		2310	150	570	
December	50		270	340	360	
January	290		680	50	160	
February	590		340	110	170	
March	160		360	1130	590	
April	3810		2060	3050	730	
May	4880	1220		2070	1250	
June	4270	3820		4300	4980	
July	2670	1870		3030	400	
August	4230	3250		1120	2030	
September	2000	860		1630	1670	
<b>Total</b>	<b>9400</b>	<b>18050</b>	<b>12440</b>	<b>11020</b>	<b>7690</b>	<b>12120</b>
<b>Annual</b>	<b>27650</b>	<b>23460</b>	<b>19810</b>	<b>21030</b>	<b>25690</b>	<b>10330</b>

Water Year Ending September 30  
(1) Unconstructed Records  
7-3-47  
15-25-49

MONTHLY AND ANNUAL DISCHARGE  
SAPPA CREEK NEAR BEAVER CITY  
ACRE-FEET.

Water Years	(1) 1935			(1) 1936			(1) 1937			(1) 1938			(1) 1939			(1) 1940			
	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	Seven Months	Five Months	
October	100	4550	270	4550	(1) 460	480	88	4310	0	4170	0	0	0	0	0	0	0	0	
November	1210	4103	1240	610	(1) 20	17,200	22	9150	0	8740	0	0	0	0	0	0	0	0	
December	240	890	100	860	(1) 690	1,370	49	2780	0	1400	0	0	0	0	0	0	0	0	
January	50	1750	200	1530	(1) 410	5,940	107	515	15	525	0	0	0	0	0	0	0	0	
February	290	2470	190	2420	(1) 200	0	65	0	31	0	96	0	0	0	0	0	0	0	
March	300		210		(1) 1270		329		211		137								
April	700		1160		(1) 780		1240		96		20								
May		4550		4550		480		4310		4170									
June		4103		610		17,200		9150		8740									
July		890		860		1,370		2780		1400									
August		1750		1530		5,940		515		525									
September		2470		2420		0		595		0									
<b>Total</b>	<b>2890</b>	<b>13740</b>	<b>3370</b>	<b>9970</b>	<b>3850</b>	<b>27,790</b>	<b>1900</b>	<b>17350</b>	<b>353</b>	<b>14835</b>	<b>253</b>	<b>18959</b>	<b>15,183</b>	<b>19,192</b>	<b>15,183</b>	<b>19,192</b>	<b>15,183</b>	<b>19,192</b>	
<b>Annual</b>	<b>16,630</b>	<b>13,540</b>	<b>31,620</b>	<b>19,250</b>	<b>31,620</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>	<b>19,250</b>

\*Water Year Ending September 30  
(1) Reconstructed Records  
F. B. S.  
20-40-10