

Table 22
Estimated farm irrigation water losses and efficiencies

Class	Percent of total	Slope (percent)	Intake rate (in./hr.)	Moisture in 5-ft. profile (inches)	Usable soil depth (inches)	Seepage in farm ditches (percent)	Losses		Total (percent)	Efficiency (percent)
							Sur-face waste (percent)	Deep perco-lation (percent)		
1	1	1-3	0.28-0.85	6	36-60	8	15	15	38	62
2	61	1-3	.07-3.40	6½	36-48	8	20	15	43	57
			Mean .24							
2st	23	3-7	.11-2.60	6½	36-48	9	25	12	46	54
			Mean .33							
3	15	3-7	.04-2.75	Good	24-34	9	25	15	49	51
			Mean .35							
Weight average									56	

Farm delivery requirement

Farm delivery requirement for the Jensen Unit is estimated to be 3.15 acre-feet per irrigable acre as derived in Table 24. Losses of irrigation water on the farm may be placed in three classes: (1) farm ditch losses, (2) surface waste, and (3) deep percolation. Table 22 on the foregoing page gives the estimated farm irrigation water losses and efficiencies for the Jensen Unit. Farm ditch losses are dependent upon slope and the intake rate and water-holding capacities of the soils. Surface waste is dependent upon slope and allowable soil moisture levels. Deep percolation is dependent upon intake rate and water-holding capacities of the soils, depth of the crop root zones, and minimum moisture levels allowed. These limitations were used as a guide for estimating the efficiencies shown.

Diversion requirement

Diversion requirement is influenced by the efficiency of its conveyance system as well as the farm requirement. Conveyance losses occur in transit from the source of water supply to the farm headgate. They comprise evaporation from the canal water surface, transpiration by vegetation along the canal banks, seepage, and operational waste.

Seepage losses depend upon the wetted area, head, and permeability of the soils traversed by the canal system as well as the length of the canal. The administrative loss was estimated at 3 percent, whereas the conveyance loss was estimated at 12 percent, making a total weighted average conveyance loss of 15 percent. Table 23 summarized the estimated conveyance loss for the major canals in the Jensen Unit.

Table 23
Estimated canal seepage losses in the Jensen area

Canal	Length (miles)	Capacity (second- feet)	Loss		Percent of lands served	Weighted average (percent)
			Per mile (percent)	Total (percent)		
Upper Brush Creek ^{1/}		25			18	
Sunshine	7	30	2.5	18	28	4.9
Burns Bench	6	40	2.5	15	37	5.4
Burton	2	11	4.5	9	10	.9
Murray	2	8	5.0	10	7	.7
Weighted average						11.9
Administrative loss						3.0
Total conveyance loss						15.0

^{1/} Losses assumed offset by return flow.

The average annual diversion requirement, farm delivery requirement, irrigation requirement, and efficiencies are shown in Table 24.

Table 24
Diversion requirements

	Percent	Feet
Consumptive use		2.01
Effective precipitation		.14
Irrigation requirement		1.87
Farm efficiency	56	
Farm irrigation requirement, productive		3.33
(95 percent x productive) irrigable		3.15
Conveyance efficiency	85	
Diversion requirement (head of canal)		3.70
River loss	<u>1/</u>	
Diversion requirement at Tyzack Reservoir		3.70
Distribution	Septem-	
Month	ber	October
April	May	June
July	August	September
Percent	4.8	16.0
	24.1	27.8
	21.4	4.3
	1.6	100.0

1/ Return flow will compensate for stream losses.

CHAPTER IV

WATER UTILIZATION

Project Plan

Under the Jensen Unit plan, Tyzack Dam and Reservoir will be constructed on Brush Creek to a total capacity of 26,000 acre-feet with 24,000 acre-feet active to regulate Brush Creek flows for municipal and industrial and irrigation use. Tyzack Pumping Plant and Aqueduct, with a capacity of 50 second-feet, will be built to convey the municipal and industrial water from Tyzack Reservoir to Ashley Creek for municipal and industrial use in Ashley Valley. Most of the water pumped to Ashley Creek will be delivered for irrigation use in exchange for high quality water diverted into the municipal and industrial system at Ashley Spring. Brush Creek water not pumped at Tyzack, together with spills and downstream inflows, will be utilized to meet downstream Brush Creek irrigation rights and irrigation demands in the Jensen area. The bulk of irrigation demands in the Jensen area (new water and replacement for water diverted upstream) will be pumped from the Green River at Burns Pumping Plant (capacity 97.4 second-feet). Water will also be pumped at Burns Pumping Plant to supplement project return flows and existing supplies delivered to the Stewart Lake Waterfowl Management Area.

Operation of the Tyzack facilities will be coordinated with operation of the existing Steinaker Reservoir of the Vernal Unit. Winter Ashley Creek flow divertible to Steinaker will be utilized to avoid winter operation of Tyzack Pump and Aqueduct. Existing spills at Fort Thornburg diversion will be used to reduce pumping at Tyzack. Coordinated operation with Steinaker will have no detrimental effect on Vernal Unit supplies.

During the initial period of operation, prior to full realization of the municipal and industrial demand, water will be delivered from Tyzack to meet downstream irrigation requirements and keep pumping at Burns Pumping Plant to a minimum. As municipal and industrial demands increase, Burns Pumping Plant will pump greater amounts of water.

Land Acreage

A detailed land classification has been completed for the Jensen Unit. In making the operation studies, the lands were divided between the upper and lower Brush Creek areas as summarized in the table on the following page. This division was made at the points where the discharge lines from the Burns Pumping Plant intercept the four major canals serving the lower area. The lower Brush Creek area will be served by

the Burns Pumping Plant from the Green River, and the upper Brush Creek area will be served from Little Brush Creek, Big Brush Creek, or Tyzack Reservoir.

	Acreage			
	Project lands			Total
	Presently irrigated	New lands	6W lands	
Upper Brush Creek area ^{1/}	664	141		805
Lower Brush Creek area	2,974	303	333	3,610
Total	3,638	444	333	4,415

^{1/} Lands inundated by Tyzack Reservoir have been deleted.

Project Operation Studies

The operation studies involved in the Jensen Unit of the Central Utah Project are shown in Tables 25 and 26. A description of these studies and the column explanation follows.

Operating criteria

The Jensen Unit will be operated to supply water for the following purposes: (1) municipal and industrial water to Vernal and Jensen and (2) irrigation water in the vicinity of Jensen.

Water supply

The water supply for the Jensen Unit operation study was based on (1) the present modified flow of Big Brush Creek near Vernal, which reflects the operation of Oaks Park Reservoir and the existing diversion via Oaks Park Canal to the Ashley Creek drainage, (2) the historical flow of Little Brush Creek near mouth, which reflects the operation of East Park Reservoir and the pipeline transporting water over the sink area, and (3) the historical flow of Green River near Jensen. Water will be pumped from the Green River to supplement irrigation supplies and to replace upstream water used for municipal and industrial purposes. Natural flows of Green River are expected to fully meet the requirements of the Burns Pumping Plant since the historical flows of the river near Jensen are far in excess of the project diversion requirements. Projected future uses under rights senior to the project rights are not expected to encroach on the project water supply.

Priority of water use

Direct streamflow of Little Brush Creek will be used to meet irrigation demands of the upper Brush Creek area (not servable by pump from the Green River) and then the lower Brush Creek area (servable by pump from the Green River).

Reservoir operation

Tyzack Reservoir will be operated to provide municipal and industrial water for Vernal and Jensen. Spills from the reservoir will be combined with the remaining flow of Little Brush Creek after meeting the upper area demands to provide irrigation water in the lower Brush Creek area when possible rather than pumping from the Green River.

Preproject Study (Table 25) Column Explanation

Column	1	Present modified flow of Big Brush Creek near Vernal, Utah. The flows for April 1939 through 1972 are from U.S. Geological Survey records; 1920 through March 1939 are estimated by correlation with the past modified flow of Ashley Creek near Vernal. Present modified flows at this station assume Oaks Park Reservoir has been in operation for the period of study.
Column	2	Present modified flow of Little Brush Creek near mouth. The 1964-69 flows are from U.S. Bureau of Reclamation records, and 1920-63 and 1970-72 records are by correlation with the present modified flow of Big Brush Creek near Vernal, Utah. These flows are affected by releases from East Park Reservoir and the pipeline over the sink area.
Column	3	Demand for 664 acres in the upper Brush Creek area at 3.70 acre-feet per acre.
Column	4	Upper Brush Creek demand met from the flow of Little Brush Creek.
Column	5	Upper Brush Creek demand met from the flow of Big Brush Creek near Vernal.
Column	6	The remaining demand to the upper Brush Creek area (Col. 3 minus Cols. 4 and 5).
Column	7	Remaining flow of Little Brush Creek (Col. 2 minus Col. 4).
Column	8	Remaining flow of Big Brush Creek near Vernal (Col. 1 minus Col. 5).
Column	9	Demand for 3,307 acres in the lower Brush Creek area at 3.70 acre-feet per acre.
Column	10	Lower Brush Creek demand met from Little Brush Creek flow.
Column	11	Lower Brush Creek demand met from the flow of Big Brush Creek near Vernal.

- Column 12 The remaining demand of the lower Brush Creek area (Col. 9 minus Cols. 10 and 11). This is the preproject shortage to presently irrigated lands.
- Column 13 Remaining flow of Little Brush Creek after meeting lower area demand (Col. 7 minus Col. 10).
- Column 14 Remaining flow of Big Brush Creek near Vernal after meeting lower area demand (Col. 8 minus Col. 11).

Table 25
Jensen Unit

Sheet 1

		PREPROJECT STUDY													
YEAR	MONTH	UPPER BRUSH CREEK							LOWER BRUSH CREEK						
		Present modified		Demand 604 acs. @ 3.70 Ac-ft/ac	Demand Met		Remain- ing Demand	Remaining Flow		Presently Irrigated Lands				Remaining Flow	
		Flow of Brush Cr. nr. Vernal	Flow of Little Brush Cr.		By Little Brush Cr.	By Brush Cr. nr. Vernal		Little Brush Cr. (2-4)	Brush Cr. nr. Vernal (1-5)	Demand 3307 acs. @ 3.70 Ac-ft/ac	Demand Met from Little Brush Cr.	Demand Met from Brush Cr.	Remain- ing Demand	of Little Brush Cr. (7-10)	of Brush Cr. (8-11=14)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1930	Oct	2.0	.3	.1	.1			.2	2.0	.2	.2				2.0
	Nov	1.6	.3					.3	1.6					.3	1.6
	Dec	2.2	.4					.4	1.2					.4	1.2
	Jan	1.2	.4					.4	1.2					.4	1.2
	Feb	1.0	.4					.4	1.0					.4	1.0
	Mar	3.2	.4					.4	1.2					.4	1.2
	Apr	3.4	.5	.1	.1			.4	3.4	.6	.4	.2			3.2
	May	9.3	.6	.4	.4			.2	9.3	2.0	.2	1.8			7.5
	June	5.4	.7	.6	.6			.1	5.4	2.9	.1	2.0			2.6
	July	1.8	.9	.7	.7			.2	1.8	3.4	.2	1.8	1.4		
1931	Aug	1.8	.9	.5	.5			.4	1.8		.4	1.8	.4		
	Sept	1.5	.7	.1	.1			.6	1.5	.9	.5				1.5
	Total	31.4	6.5	2.5	2.5	0	0	4.0	31.4	12.2	2.0	8.4	1.8	2.0	23.0
	Oct	2.0	.3	.1	.1			.2	2.0	.2	.2				2.0
	Nov	1.4	.2					.2	1.4					.2	1.4
	Dec	1.1	.3					.3	1.1					.3	1.1
	Jan	1.1	.4					.4	1.1					.4	1.1
	Feb	.9	.4					.4	.9					.4	.9
	Mar	1.2	.4					.4	1.2					.4	1.2
	Apr	1.6	.3	.1	.1			.2	1.6	.6	.2	.4			1.2
1932	May	3.7	.1	.4	.1	.3			3.4	2.0		2.0			1.4
	June	1.0	.4	.6	.4	.2			.8	2.9		.8	2.1		
	July	.5	.6	.7	.6	.1			.4	3.4		.4	3.0		
	Aug	.8	.1	.5	.1	.4			.4	2.6		.4	2.2		
	Sept	.8	.1	.1	.1				.8	.5	.5				.3
	Total	16.1	3.6	2.5	1.5	1.0	0	2.1	15.1	12.2	.4	4.5	7.3	1.7	10.6
	Oct	.7		.1		.1			.6	.2		.2			.4
	Nov	.8	.1					.1	.8					.1	.8
	Dec	.8	.3					.3	.8					.3	.9
	Jan	.9	.3					.3	.9					.3	.9
	Feb	.9	.4					.4	.9					.4	.9
	Mar	1.0	.3					.3	1.0					.3	1.0
	Apr	1.3	.2	.1	.1			.1	1.3	.6	.1	.5			.8
	May	9.5	.6	.4	.4			.2	9.5	2.0	.2	1.8			7.7
1933	June	7.5	.8	.6	.6			.2	7.5	2.9	.2	2.7			4.8
	July	2.3	1.0	.7	.7			.3	2.3	3.4	.3	2.3	.8		
	Aug	1.5	.7	.5	.5			.2	1.5	0.6	.2	1.3	.9		
	Sept	1.3	.5	.1	.1			.4	1.3	.3	.4				1.2
	Total	28.5	5.2	2.5	2.4	.1	0	2.8	28.4	12.2	1.4	9.1	1.7	1.4	19.3
	Oct	1.3	.3	.1	.1			.2	1.3	.2	.2			.2	1.3
	Nov	1.0	.2					.2	1.0					.2	1.0
	Dec	.8	.3					.3	.8					.3	.8
	Jan	.8	.3					.3	.8					.3	.8
	Feb	.7	.3					.3	.7					.3	.7
	Mar	.8	.3					.3	.8					.3	.8
	Apr	1.0	.2	.1	.1			.1	1.0	.6	.1	.5			.5
	May	3.7	.1	.4	.1	.3		.0	3.4	2.0		2.0			1.4
1934	June	5.6	.7	.6	.6			.1	5.6	2.9	.1	2.8			2.8
	July	1.2	.8	.7	.7			.1	1.2	3.4	.1	1.2	2.1		
	Aug	1.1	.3	.5	.3	.2		.0	.9	2.6		.9	1.7		
	Sept	.8	.1	.1	.1			.0	.8	.5	.5				.3
	Total	18.8	3.9	2.5	2.0	.5	0	1.9	18.3	12.2	.5	7.9	3.8	1.4	10.4
	Oct	.6		.1		.1			.5	.2		.2			.3
	Nov	.7	.1					.1	.7					.1	.7
	Dec	.7	.3					.3	.7					.3	.7
	Jan	.7	.2					.2	.7					.2	.7
	Feb	.7	.3					.3	.7					.3	.7
	Mar	.8	.3					.3	.8					.3	.8
	Apr	2.1	.4	.1	.1			.3	2.1	.6	.3	.3			1.8
	May	3.1	.1	.4	.1	.3		.0	2.8	2.0		2.0			.8
1935	June	.6	.3	.6	.3	.3		.0	.3	2.9		.3	2.6		
	July	.4	.6	.7	.6	.1		.0	.3	3.4		.3	3.1		
	Aug	.9	.2	.5	.2	.3		.0	.6	2.6		.6	2.0		
	Sept	.9	.2	.1	.1			.1	.9	.5	.1	.4			.5
	Total	12.2	3.0	2.5	1.4	1.1	0	1.6	11.1	12.2	.4	4.1	7.7	1.2	7.0
	Oct	.8		.1		.1			.7	.2		.2			.5
	Nov	.9	.2					.2	.9					.2	.9
	Dec	.8	.3					.3	.8					.3	.8
	Jan	.8	.3					.3	.8					.3	.8
	Feb	.8	.3					.3	.8					.3	.8
	Mar	1.0	.3					.3	1.0					.3	1.0
	Apr	1.2	.2	.1	.1			.1	1.2	.6	.1	.5			.7
	May	4.6	.1	.4	.1	.3			4.3	2.0		2.0			2.3
1936	June	11.8	.9	.6	.6			.3	11.8	2.9	.3	2.6			9.2
	July	1.8	.9	.7	.7			.2	1.8	3.4	.2	1.8	1.4		
	Aug	1.2	.4	.5	.4	.1			1.1	2.6		1.1	1.5		
	Sept	.9	.2	.1	.1			.1	.9	.5	.1	.4			.5
	Total	26.6	4.1	2.5	2.0	.5	0	2.1	26.1	12.2	.7	8.6	2.9	1.4	17.5
	Oct	.7		.1		.1			.6	.2		.2			.4
	Nov	.7	.1					.1	.7					.1	.7
	Dec	.7	.3					.3	.7					.3	.7
	Jan	.7	.2					.2	.7					.2	.7
	Feb	.7	.3					.3	.7					.3	.7
	Mar	.7	.2					.2	.7					.2	.7
	Apr	1.4	.3	.1	.1			.2	1.4	.6	.2	.4			1.0
	May	4.5	.1	.4	.1	.3			4.2	2.0		2.0			2.2
	June	1.4	.4	.6	.4	.2			1.2	2.9		1.2	1.7		
	July	1.0	.7	.7	.7				1.0	3.4		1.0	2.4		
	Aug	1.3	.4	.5	.4	.1			1.2	2.6		1.2	1.4		
	Sept	1.2	.4	.1	.1			.3	1.2	.5	.3	.2			1.0
	Total	15.0	3.4	2.5	1.8	.7	0	1.6	14.3	12.2	.5	6.2	5.5	1.1	8.1

Table 25
Jensen Unit

Sheet 2

		PREPROJECT STUDY													
		UPPER BRUSH CREEK							LOWER BRUSH CREEK						
YEAR	MONTH	Present modified		Demand of 4 acs. @ 3.70 Ac-ft/ac	Demand Met		Remain- ing Demand	Remaining-Flow		Presently Irrigated Lands				Remaining Flow	
		Flow of Brush Cr. nr.Vernal	Flow of Little Brush Cr.		By Little Brush Cr.	By Brush Cr. nr.Vernal		Little Brush Cr. (2-4)	Brush Cr. nr.Vernal (1-5)	Demand 3307 acs. @ 3.70 Ac-ft/ac	Demand Met from Little Brush Cr.	Demand Met from Brush Cr	Remain- ing Demand	of Little Brush Cr. (7-10)	of Brush Cr. (8-11=14)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1937	Oct	1.2	.2	.1	.1			.1	1.2	.2	.1	.1			1.1
	Nov	1.0	.2					.2	1.0				.2		1.0
	Dec	.8	.3					.3	.8				.3		.8
	Jan	.7	.2					.2	.7				.2		.7
	Feb	.7	.3					.3	.7				.3		.7
	Mar	.7	.2					.2	.7				.2		.7
	Apr	1.4	.3	.1	.1			.2	1.4	.6	.2	.4			1.0
	May	12.2	.9	.4	.4			.5	12.2	2.0	.5	1.5			10.7
	June	5.7	.7	.6	.6			.1	5.7	2.9	.1	2.8			2.9
	July	2.5	1.0	.7	.7			.3	2.5	3.4	.3	2.5	.6		
1938	Oct	1.2	.4	.1	.1			.3	1.2	.5	.3	.2			1.0
	Total	20.6	5.4	2.5	1.5	0	0	2.9	20.6	12.2	1.7	9.0	1.5	1.2	20.6
	Oct	1.1	.2	.1	.1			.1	1.1	.2	.1	.1			1.0
	Nov	.9	.2					.2	.9				.2		.9
	Dec	.8	.3					.3	.8				.3		.8
	Jan	.7	.2					.2	.7				.2		.7
	Feb	.7	.3					.3	.7				.3		.7
	Mar	.8	.3					.3	.8				.3		.8
	Apr	1.5	.3	.1	.1			.2	1.5	.6	.2	.4			1.1
	May	8.0	.4	.4	.4			.0	8.0	2.0		2.0			6.0
1939	June	10.9	.9	.6	.6			.3	10.9	2.9	.3	2.6			8.3
	July	2.7	1.0	.7	.7			.3	2.7	3.4	.3	2.7	.4		0
	Aug	1.5	.7	.5	.5			.2	1.5	2.6	.2	1.5	.9		0
	Sept	1.3	.5	.1	.1			.4	1.3	.5	.4	.1			1.2
	Total	30.9	5.3	2.5	2.5	0	0	2.8	30.9	12.2	1.5	9.4	1.3	1.3	21.5
	Oct	2.4	.3	.1	.1			.2	2.4	.2	.2				2.4
	Nov	1.9	.3					.3	1.9				.3		1.9
	Dec	1.3	.4					.4	1.3				.4		1.3
	Jan	1.1	.4					.4	1.1				.4		1.1
	Feb	.9	.4					.4	.9				.4		.9
1940	Mar	1.2	.4					.4	1.2				.4		1.2
	Apr	3.9	.5	.1	.1			.4	3.9	.6	.4	.2			3.7
	May	10.0	.7	.4	.4			.3	10.0	2.0	.3	1.7			8.3
	June	1.7	.5	.6	.5	.1		.0	1.6	2.9		1.6	1.3		
	July	.9	.7	.7	.7			.0	.9	3.4		.9	2.5		
	Aug	.8	.1	.5	.1	.4		.0	.4	2.6		.4	2.2		
	Sept	1.0	.3	.1	.1			.2	1.0	.5	.2	.3			.7
	Total	27.1	5.0	2.5	2.0	.5	0	3.0	26.6	12.2	1.1	5.1	6.0	1.9	21.5
	Oct	1.0	.1	.1	.1			.0	1.0	.2		.2			.8
	Nov	.8	.1					.1	.8				.1		.8
1941	Dec	.7	.3					.3	.7				.3		.7
	Jan	.7	.2					.2	.7				.2		.7
	Feb	.7	.3					.3	.7				.3		.7
	Mar	.7	.2					.2	.7				.2		.7
	Apr	2.2	.4	.1	.1			.3	2.2	.6	.3	.3			1.9
	May	7.1	.3	.4	.3	.1		.0	7.0	2.0		2.0			5.0
	June	1.2	.4	.6	.4	.2		.0	1.0	2.9		1.0	1.9		
	July	.9	.7	.7	.7			.0	.9	3.4		.9	2.5		
	Aug	.7	.0	.5	.5			.0	.2	2.6		.2	2.4		
	Sept	.8	.1	.1	.1			.0	.8	.5		.5			.3
1942	Total	17.5	4.1	2.5	1.7	.8	0	1.4	16.7	12.2	.3	5.1	6.8	1.1	11.6
	Oct	.8	.1	.1		.1		.1	.7	.2		.2			.5
	Nov	.7	.1					.1	.7				.1		.7
	Dec	.6	.2					.2	.6				.2		.6
	Jan	.7	.2					.2	.7				.2		.7
	Feb	.6	.2					.2	.6				.2		.6
	Mar	.7	.2					.2	.7				.2		.7
	Apr	.8	.2	.1	.1			.1	.8	.6	.1	.5			.3
	May	11.3	.8	.4	.4			.4	11.3	2.0	.4	1.6			9.7
	June	10.7	.9	.6	.6			.3	10.7	2.9	.3	2.6			8.1
1943	July	2.1	.9	.7	.7			.2	2.1	3.4	.2	2.1	1.1		
	Aug	1.4	.6	.5	.5			.1	1.4	2.6	.1	1.4	1.1		
	Sept	1.5	.7	.1	.1			.6	1.5	.5	.5				1.5
	Total	31.9	5.0	2.5	2.4	.1	0	2.6	31.8	12.2	1.6	8.4	2.2	1.0	23.4
	Oct	3.4	.3	.1	.1			.2	3.4	.2	.2				3.4
	Nov	2.4	.4					.4	2.4				.4		2.4
	Dec	1.5	.4					.4	1.5				.4		1.5
	Jan	1.1	.4					.4	1.1				.4		1.1
	Feb	.9	.4					.4	.9				.4		.9
	Mar	1.1	.4					.4	1.1				.4		1.1
1944	Apr	3.7	.5	.1	.1			.4	3.7	.6	.4	.2			3.5
	May	9.8	.6	.4	.4			.2	9.8	2.0	.2	1.8			8.0
	June	11.4	.9	.6	.6			.3	11.4	2.9	.3	2.6			8.8
	July	2.7	1.0	.7	.7			.3	2.7	3.4	.3	2.7	.4		
	Aug	1.7	.9	.5	.5			.4	1.7	2.6	.4	1.7	.5		
	Sept	1.2	.4	.1	.1			.3	1.2	.5	.3	.2			1.0
	Total	40.9	6.6	2.5	2.5	0	0	4.1	40.9	12.2	2.1	9.2	.9	2.0	31.7
	Oct	1.1	.2	.1	.1			.1	1.1	.2	.1	.1			1.0
	Nov	1.0	.2					.2	1.0				.2		1.0
	Dec	.8	.3					.3	.8				.3		.8
1945	Jan	.8	.3					.3	.8				.3		.8
	Feb	.7	.3					.3	.7				.3		.7
	Mar	.9	.3					.3	.9				.3		.9
	Apr	3.5	.5	.1	.1			.4	3.5	.6	.4	.2			3.3
	May	5.2	.1	.4	.1	.3		.4	4.9	2.0		2.0			2.9
	June	2.7	.6	.6	.6			.1	2.7	2.9		2.7	.2		
	July	1.3	.8	.7	.7			.1	1.3	3.4	.1	1.3	2.0		
	Aug	1.1	.3	.5	.3	.2		.1	.9	2.6		.9	1.7		
	Sept	.9	.2	.1	.1			.1	.9	.5	.1	.4			.5
	Total	20.0	4.1	2.5	2.0	.5	0	2.1	19.5	12.2	.7	7.6	3.9	1.4	11.9

Table 25
Jensen Unit

Sheet 3

YEAR MONTH		PREPROJECT STUDY													
		UPPER BRUSH CREEK						LOWER BRUSH CREEK							
		Present modified		Demand 664 acs. @ 3.70 Ac-ft/ac	Demand Met		Remain- ing Demand	Remaining Flow		Presently Irrigated Lands				Remaining Flow	
		Flow of Brush Cr. nr. Vernal	Flow of Little Brush Cr.		By Little Brush Cr.	By Brush Cr. nr. Vernal		Little Brush Cr. (2-4)	Brush Cr. nr. Vernal (1-5)	Demand 3307 acs. @ 3.70 Ac-ft/ac	Demand Met from Little Brush Cr.	Demand Met from Brush Cr.	Remain- ing Demand	of Little Brush Cr. (7-10)	of Brush Cr. (8-11=14)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1944	Oct	.9	.1	.1	.1			.9	.2		.2				.7
	Nov	.8	.1					.8						.1	.8
	Dec	.8	.3					.8						.3	.8
	Jan	.7	.2					.7						.2	.7
	Feb	.7	.3					.7						.3	.7
	Mar	.8	.3					.8						.3	.8
	Apr	.9	.2	.1	.1			.9	.6	.1	.5				.4
	May	10.5	.6	.4	.4			10.5	2.0	.2	1.8				8.7
	June	14.4	.9	.6	.6			14.4	2.9	.3	2.6				11.8
	July	3.5	1.1	.7	.7			3.5	3.4	.4	3.0				.5
1945	Oct	1.8	.9	.5	.5			1.8	2.6	.4	1.8	.4			
	Nov	1.4	.6	.1	.1			1.4	.5	.5					1.4
	Dec	37.2	5.6	2.5	2.5	0	0	37.2	12.2	1.9	9.9	.4	1.2	27.3	
	Jan	1.2	.2	.1	.1			1.2	.2	.1	.1				1.1
	Feb	1.1	.2					1.1						.2	1.1
	Mar	1.0	.3					1.0						.3	1.0
	Apr	.9	.3					.9						.3	.9
	May	.8	.3					.8						.3	.8
	June	.9	.3					.9						.3	.9
	July	1.0	.2	.1	.1			1.0	.6	.1	.5				.5
1946	Oct	6.1	.2	.4	.2	.2		5.9	2.0		2.0				3.9
	Nov	5.6	.7	.6	.6			5.6	2.9	.1	2.8				2.8
	Dec	1.6	.9	.7	.7			1.6	3.4	.2	1.6	1.6			
	Jan	1.2	.4	.5	.4	.1		1.1	2.6		1.1	1.5			
	Feb	1.1	.3	.1	.1			1.1	.5	.2	.3				.8
	Mar	22.5	4.3	2.5	2.2	.3	0	22.2	12.2	.7	8.4	3.1	1.4	13.8	
	Apr	1.1	.2	.1	.1			1.1	.2	.1	.1				1.0
	May	1.0	.2					1.0						.2	1.0
	June	.9	.3					.9						.3	.9
	July	.8	.3					.8						.3	.8
1947	Oct	.7	.3					.7						.3	.7
	Nov	.8	.3					.8						.3	.8
	Dec	.9	.3					.9						.3	.9
	Jan	2.4	.4	.1	.1			2.4	.6	.3	.3				2.1
	Feb	2.5	.1	.4	.1	.3		2.2	2.0		2.0				.2
	Mar	1.6	.5	.6	.5	.1		1.5	2.9		1.5	1.4			
	Apr	1.1	.7	.7	.7			1.1	3.4		1.1	2.3			
	May	1.0	.3	.5	.3	.2		.8	2.6		.8	1.8			
	June	1.8	.3	.1	.1			1.8	.5	.5	.5				.3
	July	14.7	3.7	2.5	1.9	.6	0	14.1	12.2	.4	6.3	5.5	1.4	7.8	
1948	Oct	.9	.1	.1	.1			.9	.2		.2				.7
	Nov	.9	.2					.9						.2	.9
	Dec	1.0	.3					1.0						.3	1.0
	Jan	.9	.3					.9						.3	.9
	Feb	.8	.3					.8						.3	.8
	Mar	.9	.3					.9						.3	.9
	Apr	2.1	.4	.1	.1			2.1	.6	.3	.3				1.8
	May	13.6	.9	.4	.4			13.6	2.0	.5	1.5				12.1
	June	11.9	.9	.6	.6			11.9	2.9	.3	2.6				9.3
	July	4.5	1.1	.7	.7			4.5	3.4	.4	3.0				1.5
1949	Oct	2.1	1.2	.5	.5			2.1	2.6	.7	1.9				.2
	Nov	1.6	.8	.1	.1			1.6	.5	.5	.5				1.6
	Dec	41.2	6.8	2.5	2.5	0	0	41.2	12.2	2.7	9.5	0	1.6	31.7	
	Jan	1.2	.2	.1	.1			1.2	.2	.1	.1				1.1
	Feb	.9	.2					.9						.2	.9
	Mar	.9	.3					.9						.3	.9
	Apr	.8	.3					.8						.3	.8
	May	.9	.3					.9						.3	.9
	June	1.2	.2	.1	.1			1.2	.6	.1	.5				.7
	July	8.3	.4	.4	.4			8.3	2.0		2.0				6.3
1950	Oct	5.3	.7	.6	.6			5.3	2.9	.2	2.8				2.5
	Nov	2.0	.9	.7	.7			2.0	3.4	.2	2.0	1.2			
	Dec	1.6	.8	.5	.5			1.6	2.6	.3	1.6	.7			
	Jan	1.3	.5	.1	.1			1.3	.5	.4	.1				1.2
	Feb	25.1	5.1	2.5	2.5	0	0	25.1	12.2	1.2	9.1	1.9	1.4	16.0	
	Mar	1.0	.1	.1	.1			1.0	.2		.2				.8
	Apr	.8	.1					.8						.1	.8
	May	.8	.3					.8						.3	.8
	June	.7	.3					.7						.3	.7
	July	.8	.3					.8						.3	.8
1951	Oct	.9	.3					.9						.3	.9
	Nov	.8	.3					.8						.3	.8
	Dec	.9	.3					.9						.3	.9
	Jan	.7	.3					.7						.3	.7
	Feb	.8	.3					.8						.3	.8
	Mar	.9	.3					.9						.3	.9
	Apr	2.0	.3	.1	.1			2.0	.6	.2	.4				1.6
	May	12.2	.9	.4	.4			12.2	2.0	.5	1.5				10.7
	June	9.4	.8	.6	.6			9.4	2.9	.2	2.7				6.7
	July	2.3	1.0	.7	.7			2.3	3.4	.3	2.3	.8			
1952	Oct	2.0	1.2	.5	.5			2.0	2.6	.7	1.9				.1
	Nov	1.2	.4	.1	.1			1.2	.5	.3	.2				1.0
	Dec	34.0	6.0	2.5	2.5	0	0	34.0	12.2	2.2	9.2	.8	1.3	24.8	
	Jan	1.8	.2	.1	.1			1.8	.2	.2	.2				1.8
	Feb	1.2	.2					1.2						.2	1.2
	Mar	1.1	.3					1.1						.3	1.1
	Apr	1.0	.4					1.0						.4	1.0
	May	.8	.3					.8						.3	.8
	June	.9	.3					.9						.3	.9
	July	3.1	.5	.1	.1			3.1	.6	.4	.2				2.9
1953	Oct	10.1	.7	.4	.4			10.1	2.0	.3	1.7				8.4
	Nov	11.1	.9	.6	.6			11.1	2.9	.3	2.6				8.5
	Dec	2.4	1.0	.7	.7			2.4	3.4	.3	2.4	.7			
	Jan	1.6	.8	.5	.5			1.6	2.6	.3	1.6	.7			
	Feb	1.2	.4	.1	.1			1.2	.5	.3	.2				1.0
	Mar	36.3	6.1	2.5	2.5	0	0	36.3	12.2	2.1	8.7	1.4	1.5	27.6	
	Apr	1.8	.2	.1	.1			1.8	.2	.2	.2				1.8
	May	1.2	.2					1.2						.2	1.2
	June	1.1	.3					1.1						.3	1.1
	July	1.0	.4					1.0						.4	1.0

Table 25
Jensen Unit

Sheet 4

YEAR	MONTH	PREPROJECT STUDY													
		UPPER BRUSH CREEK							LOWER BRUSH CREEK						
		Present modified		Demand C64 acs. @ 3.70 Ac-ft/ac	Demand Met		Remain- ing Demand	Remaining Flow		Presently Irrigated Lands				Remaining Flow	
		Flow of Brush Cr. nr.Vernal	Flow of Little Brush Cr.		By Little Brush Cr.	By Brush Cr. nr.Vernal		Little Brush Cr. (2-4)	Brush Cr. nr.Vernal (1-5)	Demand 3307 acs. @ 3.70 Ac-ft/ac	Demand Met from Little Brush Cr.	Demand Met from Brush Cr.	Remain- ing Demand	of Little Brush Cr. (7-10)	of Brush Cr. (8-11=14)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1951	Oct	1.2	.2	.1	.1			.1	1.2	.2	.1	.1		.2	1.1
	Nov	1.0	.2					.2	1.0					.2	1.0
	Dec	1.0	.3					.3	1.0					.3	1.0
	Jan	.8	.3					.3	.8					.3	.8
	Feb	.8	.3					.3	.8					.3	.8
	Mar	.8	.3					.3	.8					.3	.8
	Apr	1.0	.2	.1	.1			.1	1.0	.6	.1	.5			.5
	May	6.1	.2	.4	.2	.2			5.9	2.0		2.0			3.2
	June	3.5	.6	.6	.6				3.5	2.9		2.9			.6
	July	1.6	.9	.7	.7			.2	1.6	3.4	.2	1.6	1.6		
1952	Aug	1.1	.3	.5	.3	.2			.9	2.6		.9	1.7		
	Sept	.8	.1	.1	.1				.8	.5		.5			.3
	Total	19.7	3.9	2.5	2.1	.4	0	1.8	19.3	12.2	.4	8.5	3.3	1.4	10.8
	Oct	.9	.1	.1	.1			.1	.9	.2		.2		.1	.7
	Nov	.8	.1					.3	.8					.3	.8
	Dec	.7	.3					.1	.7					.1	.7
	Jan	.6	.1					.2	.6					.2	.6
	Feb	.6	.2					.3	.6					.3	.6
	Mar	.8	.3					.3	.8					.3	.8
	Apr	2.8	.4	.1	.1			.3	2.8	.6	.3	.3			2.5
1953	May	14.1	.9	.4	.4			.5	14.1	2.0	.5	1.5			12.6
	June	9.4	.8	.6	.6			.2	9.4	2.9	.2	2.7			6.7
	July	2.0	.9	.7	.7			.2	2.0	3.4	.2	2.0	1.2		
	Aug	1.7	.9	.5	.5			.4	1.7	2.6	.4	1.7	.5		
	Sept	1.0	.3	.1	.1			.2	1.0	.5	.2	.3			.7
	Total	35.4	5.3	2.5	2.5	0	0	2.8	35.4	12.2	1.8	8.7	1.7	1.0	26.7
	Oct	1.0	.1	.1	.1			.1	1.0	.2		.2		.2	.8
	Nov	.9	.2					.3	.9					.3	.9
	Dec	.9	.3					.3	.9					.3	.9
	Jan	.9	.3					.3	.9					.3	.9
Feb	.8	.3					.3	.8					.3	.8	
1954	Mar	.9	.3					.3	.9					.3	.9
	Apr	1.2	.2	.1	.1			.1	1.2	.6	.1	.5			.7
	May	3.8	.1	.4	.1	.3		.1	3.5	2.0		2.0			1.5
	June	5.6	.7	.6	.6			.2	5.6	2.9	.1	2.8			2.8
	July	1.7	.9	.7	.7			.2	1.7	3.4	.2	1.7	1.5		
	Aug	1.2	.4	.5	.4	.1		.1	1.1	2.6		1.1	1.5		
	Sept	.8	.1	.1	.1			.1	.8	.5		.5			.3
	Total	19.7	3.9	2.5	2.1	.4	0	1.8	19.3	12.2	.4	8.8	3.0	1.4	10.5
	Oct	.9	.1	.1	.1			.1	.9	.2		.2		.1	.7
	Nov	.8	.1					.3	.8					.3	.8
1955	Dec	.8	.3					.2	.8					.2	.7
	Jan	.7	.2					.3	.7					.3	.7
	Feb	.7	.3					.3	.7					.3	.7
	Mar	.8	.3					.3	.8					.3	.8
	Apr	2.1	.4	.1	.1			.3	2.1	.6	.3	.3			1.8
	May	5.1	.1	.4	.1	.3		.1	4.8	2.0		2.0			2.8
	June	1.5	.5	.6	.5	.1		.1	1.4	2.9		1.4	1.5		
	July	1.2	.8	.7	.7			.1	1.2	3.4	.1	1.2	2.1		
	Aug	.9	.2	.5	.2	.3		.1	.6	2.6		.6	2.0		
	Sept	.9	.2	.1	.1			.1	.9	.5	.1	.4			.5
1956	Total	16.4	3.5	2.5	1.8	1.7	0	1.7	15.7	12.2	.5	6.1	5.6	1.2	9.6
	Oct	.8	.1	.1	.1			.1	.8	.2		.2		.1	.5
	Nov	.8	.1					.2	.8					.2	.6
	Dec	.6	.2					.2	.6					.2	.7
	Jan	.7	.2					.2	.7					.2	.6
	Feb	.6	.2					.3	.6					.3	.8
	Mar	.8	.3					.1	.8	.6	.1	.5			.5
	Apr	1.0	.2	.1	.1			.1	1.0	2.0		2.0			1.3
	May	3.6	.1	.4	.1	.3		.1	3.3	2.9		2.5	.4		
	June	2.5	.6	.6	.6			.1	2.5	3.4	.1	1.3	2.0		
1957	July	1.3	.8	.7	.7			.1	1.3	2.6		.7	1.9		
	Aug	1.0	.2	.5	.2	.3		.1	.6	.5		.5			.1
	Sept	.7	.1	.1	.1			.1	.7	.6		.6			.4
	Total	14.4	2.9	2.5	1.7	.8	0	1.2	13.6	12.2	.2	7.7	4.3	1.0	5.9
	Oct	.7	.1	.1	.1			.1	.7	.2		.2		.1	.7
	Nov	.7	.1					.3	.7					.3	.7
	Dec	.7	.3					.2	.7					.2	.7
	Jan	.7	.2					.3	.7					.3	.7
	Feb	.7	.3					.3	.7					.3	.8
	Mar	.8	.3					.1	.8	.6	.1	.5			.8
1958	Apr	1.3	.2	.1	.1			.1	1.3	2.0		2.0			3.8
	May	6.0	.2	.4	.2	.2			5.8	2.9		2.1			
	June	2.1	.6	.6	.6			.1	2.1	3.4		1.1	.8		
	July	1.1	.7	.7	.7			.1	1.1	2.6		.6	2.3		
	Aug	.9	.2	.5	.2	.3		.1	.6	2.6		.6	2.0		
	Sept	.7	.1	.1	.1			.1	.7	.5		.5			.1
	Total	16.4	3.5	2.5	1.8	.7	0	1.3	15.7	12.2	.1	7.0	5.1	1.2	8.7
	Oct	.7	.1	.1	.1			.1	.7	.2		.2		.1	.4
	Nov	.7	.1					.3	.7					.3	.7
	Dec	.7	.3					.2	.7					.2	.7
Jan	.7	.2					.2	.7					.2	.6	
Feb	.6	.2					.2	.6					.2	.7	
1959	Mar	.7	.2					.2	.7					.2	.7
	Apr	.7	.1	.1	.1			.1	.7	.6		.6			.1
	May	4.5	.1	.4	.1	.3		.1	4.2	2.0		2.0			3.6
	June	12.7	.9	.6	.6			.3	12.7	2.9	.3	2.6			10.1
	July	2.9	1.1	.7	.7			.4	2.9	3.4	.4	2.9	.1		
	Aug	1.8	.9	.5	.5			.4	1.8	2.6	.4	1.3	.4		
	Sept	1.2	.5	.1	.1			.4	1.2	.5		.1			1.1
	Total	27.9	4.6	2.5	2.1	.4	0	2.5	27.5	12.2	1.5	10.2	.5	1.0	17.3

Table 25
Jensen Unit

Sheet 5

		Preproject Study													
YEAR	MONTH	UPPER BRUSH CREEK							LOWER BRUSH CREEK						
		Present modified		Demand Met		Remain- ing Demand	Remaining Flow		Presently Irrigated Lands				Remaining Flow		
		Flow of Brush Cr. nr. Vernal	Flow of Little Brush Cr.	Demand @ 3.70 Ac-ft/ac	By Little Brush Cr.	By Brush Cr. nr. Vernal	Little Brush Cr. (2-4)	Brush Cr. nr. Vernal (1-5)	Demand 3307 acs. @ 3.70 Ac-ft/ac	Demand Met from Little Brush Cr.	Demand Met from Brush Cr.	Remain- ing Demand	of Little Brush Cr. (7-10)	of Brush Cr. (8-11-14)	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1958	Oct	1.0	.1	.1	.1			1.0	.2		.2			.1	.8
	Nov	.8	.1					.1	.8					.3	.7
	Dec	.7	.3					.3	.7					.2	.7
	Jan	.7	.2					.2	.7					.3	.7
	Feb	.7	.3					.3	.7					.3	.8
	Mar	.8	.3					.3	.8					.3	.6
	Apr	1.1	.2	.1	.1			.1	1.1	.6	.1	.5			8.1
	May	9.9	.6	.4	.4			.2	9.9	2.0	.2	1.8			2.2
	June	5.0	.7	.6	.6			.1	5.0	2.9	.1	2.8			
	July	1.4	.8	.7	.7			.1	1.4	3.4	.1	1.4	1.9		
1959	Aug	1.0	.3	.5	.3	.2			.8	2.6		.8	1.8		
	Sept	.8	.1	.1	.1				.8	.5		.5			.3
	Total	23.9	4.0	2.5	2.3	.2	0	1.7	23.7	12.2	.5	8.0	3.7	1.2	15.7
	Oct	.7		.1		.1			.6	.2				.1	.4
	Nov	.6	.1					.1	.6					.3	.6
	Dec	.7	.3					.3	.7					.2	.7
	Jan	.7	.2					.2	.7					.2	.6
	Feb	.6	.2					.2	.6					.2	.6
	Mar	.6	.2					.2	.6					.2	.4
	Apr	.9	.2	.1	.1			.1	.2	.6	.1	.5			2.4
1960	May	4.7	.1	.4	.1	.3			4.4	2.0		2.0			.5
	June	3.4	.6	.6	.6				3.4	2.9		2.9			
	July	1.2	.8	.7	.7			.1	1.2	3.4	.1	1.2	2.1		
	Aug	1.0	.3	.5	.3	.2			.8	2.6		.8	1.8		
	Sept	.8	.1	.1	.1				.8	.5		.5			.3
	Total	15.9	3.1	2.5	1.9	.6	0	1.2	15.3	12.2	.2	8.1	3.9	1.0	7.2
	Oct	.8		.1		.1			.7	.2		.2		.1	.5
	Nov	.6	.1					.1	.6					.2	.6
	Dec	.6	.2					.2	.6					.1	.6
	Jan	.6	.1					.1	.6					.1	.5
1961	Feb	.5	.1					.1	.5					.2	.6
	Mar	.6	.2					.2	.6						.8
	Apr	1.3	.2	.1	.1			.1	1.3	.6	.1	.5			.4
	May	2.7	.1	.4	.1	.3			2.4	2.0		2.0			
	June	2.4	.5	.6	.5	.1			2.3	2.9		2.3	.6		
	July	1.0	.7	.7	.7				1.0	3.4		1.0	2.4		
	Aug	.9	.2	.5	.2	.3			.6	2.6		.6	2.0		
	Sept	.6	.1	.1	.1				.5	.5		.5			.4
	Total	12.6	2.4	2.5	1.6	.9	0	.8	11.7	12.2	.1	7.1	5.0	.7	4.6
	Oct	.7		.1		.1			.6	.2		.2		.1	.4
1962	Nov	.7	.1					.1	.7					.1	.7
	Dec	.6	.2					.2	.6					.2	.6
	Jan	.5	.1					.1	.5					.1	.5
	Feb	.7	.3					.3	.7					.3	.7
	Mar	1.0	.3					.3	1.0					.3	1.0
	Apr	5.3	.5	.1	.1			.4	5.3	.6	.4	.2			5.1
	May	14.2	.9	.4	.4			.5	14.2	2.0	.5	1.5			12.7
	June	8.7	.8	.6	.6			.2	8.7	2.9	.2	2.7			6.0
	July	1.7	.9	.7	.7			.2	1.7	3.4	.2	1.7	1.5		
	Aug	1.1	.3	.5	.3	.2			.9	2.6		.9	1.7		
1963	Sept	1.1	.3	.1	.1			.2	1.1	.5	.2	.3			.8
	Total	36.3	4.7	2.5	2.2	.3	0	2.5	36.0	12.2	1.5	7.5	3.2	1.0	28.5
	Oct	1.0	.1	.1	.1				1.0	.2		.2		.1	.8
	Nov	.7	.1					.1	.7					.3	.7
	Dec	.7	.3					.3	.7					.1	.6
	Jan	.6	.1					.1	.6					.1	.6
	Feb	.6	.1					.1	.6					.2	.7
	Mar	.7	.2					.2	.7						.3
	Apr	.9	.1	.1	.1				.8	.6		.6			1.0
	May	3.3	.1	.4	.1	.3			3.0	2.0		2.0			
1964	June	2.0	.5	.6	.5	.1			1.9	2.9		1.9	1.0		
	July	.7	.6	.7	.6				.6	3.4		.6	2.8		
	Aug	.6		.5		.5			.1	2.6		.1	2.5		
	Sept	.7		.1		.1			.6	.5		.5			.1
	Total	12.5	2.2	2.5	1.4	1.1	0	.8	11.4	12.2	0	5.9	6.3	.8	5.5
	Oct	.7		.1		.1			.6	.2		.2		.1	.4
	Nov	.6	.1					.1	.6					.2	.6
	Dec	.6	.2					.2	.6					.1	.6
	Jan	.6	.1					.1	.6					.1	.6
	Feb	.6	.1					.1	.6					.2	.6
	Mar	.6	.2					.2	.6						.1
	Apr	.7	.1	.1	.1				.7	.6		.6			4.1
	May	6.4	.1	.4	.1	.3			6.1	2.0		2.0			2.7
	June	5.3	.9	.6	.6			.3	5.3	2.9	.3	2.6			
	July	1.4	.8	.7	.7			.1	1.4	3.4	.1	1.4	1.9		
	Aug	1.0	.3	.5	.3	.2			.8	2.6		.8	1.8		
	Sept	.8	.1	.1	.1				.8	.5		.5			.3
	Total	10.3	3.0	2.5	1.9	.6		1.1	18.7	12.2	.4	8.1	3.7	.7	10.6

Table 25
JENSEN UNIT

Sheet 6

YEAR	MONTH	PREPROJECT STUDY														MONTH	YEAR
		UPPER BRUSH CREEK						LOWER BRUSH CREEK									
		Present modified flow of		Demand 664 acres @ 3.70 acre-feet per acre (3)	Demand met by		Remaining demand (6)	Remaining flow		Presently irrigated lands				Remaining flow of			
		Brush Creek near Vernal (1)	Little Brush Creek (2)		Little Brush Creek (4)	Brush Creek near Vernal (5)		Little Brush Creek (2-4) (7)	Brush Creek near Vernal (1-5) (8)	Demand 3,307 ac. @ 3.70 acre-feet per acre (9)	Demand met from Little Brush Creek (10)	Brush Creek (11)	Remaining demand (12)	Little Brush Creek (7-10) (13)	Brush Creek (8-11=14) (14)		
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
1	Oct	0.8	0.1	0.1	0.1				0.8	0.2		0.2			0.6		Oct
	Nov	.6	.1					0.1	.6					0.1	.6		Nov
	Dec	.5	.2					.2	.5					.2	.5		Dec
	Jan	.6	.1					.1	.6					.1	.6		Jan
	Feb	.7	.2					.2	.7					.2	.7		Feb
	Mar	.6	.2					.2	.6					.2	.6		Mar
	Apr	.8	.2					.1	.8	.6	0.1	.5			.3		Apr
	May	6.7	.2	.4	.2	0.2			6.5	2.0		2.0			4.5		May
	June	14.5	.4	.6	.4	.2			14.3	2.9		2.9			11.4		June
9	July	3.6	.7	.7	.7			.5	3.6	3.4		3.4			.2		July
	Aug	2.0	1.0	.5	.5			.5	2.0	2.6	.5	2.0	0.1				Aug
	Sept	1.0	.8	.1	.1			.7	1.0	.5	.5			.2	1.0		Sept
	Total	32.4	4.2	2.5	2.1	.4	0	2.1	32.0	12.2	1.1	11.0	.1	1.0	21.0		Total
	Oct	1.1	.4	.1	.1			.3	1.1	.2	.2			.1	1.1		Oct
	Nov	1.2	.2					.2	1.2					.2	1.2		Nov
	Dec	.9	.3					.3	.9					.3	.9		Dec
	Jan	.8	.3					.3	.8					.3	.8		Jan
	Feb	.7	.3					.3	.7					.3	.7		Feb
6	Mar	.9	.3					.3	.9					.3	.9		Mar
	Apr	3.1	.2	.1	.1			.1	3.1	.6	.1	.5			2.6		Apr
	May	10.2	.7	.4	.4			.3	10.2	2.0	.3	1.7			8.5		May
	June	1.9	.5	.6	.5	.1			1.8	2.9		1.8	1.1				June
	July	1.1	.6	.7	.6	.1			1.0	3.4		1.0	2.4				July
	Aug	1.1	.2	.5	.2	.3			.8	2.6		.8	1.8				Aug
	Sept	.9	.2	.1	.1			.1	.9	.5	.1	.4			.5		Sept
	Total	23.9	4.2	2.5	2.0	.5	0	2.2	23.4	12.2	.7	6.2	5.3	1.5	17.2		Total
	1	Oct	.9	.2	.1	.1			.1	.9	.2	.1	.1			.8	
Nov		.7	.2					.2	.7					0.2	.7		Nov
Dec		.7	.3					.3	.7					.3	.7		Dec
Jan		.7	.3					.3	.7					.3	.7		Jan
Feb		.6	.2					.2	.6					.2	.6		Feb
Mar		.7	.3					.3	.7					.3	.7		Mar
Apr		1.1	.2	.1	.1			.1	1.1	.6	.1	.5			.6		Apr
May		7.2	.1	.4	.1	0.3			6.9	2.0		2.0			4.9		May
June		12.6	.1	.6	.1	.5			12.1	2.9		2.9			9.2		June
9	July	2.8	.3	.7	.3	.4			2.4	3.4		2.4	1.0				July
	Aug	1.5	.3	.5	.3	.2			1.3	2.6		1.3	1.3				Aug
	Sept	1.4	.1	.1	.1			.1	1.4	.5		.5			.9		Sept
	Total	30.9	2.6	2.5	1.1	1.4	0	1.5	29.5	12.2	.2	9.7	2.3	1.3	19.8		Total
	Oct	1.2		.1		.1			1.1	.2		.2			.9		Oct
	Nov	.9							.9						.9		Nov
	Dec	.8							.8						.8		Dec
	Jan	.8							.8						.8		Jan
	Feb	.7	.1					.1	.7					.1	.7		Feb
6	Mar	.8	.1					.1	.8					.1	.8		Mar
	Apr	1.1	.1	.1	.1				1.1	.6		.6			.5		Apr
	May	5.6	.5	.4	.4			.1	5.6	2.0	.1	1.9			3.7		May
	June	15.2	.5	.6	.5	.1			15.1	2.9		2.9			12.2		June
	July	2.6	.5	.7	.5	.2			2.4	3.4		2.4	1.0				July
	Aug	1.8	.8	.5	.5			.3	1.8	2.6	.3	1.8	.5				Aug
	Sept	1.1	.1	.1	.1				1.1	.5		.5			.6		Sept
	Total	32.6	2.7	2.5	2.1	.4	0	.6	32.2	12.2	.4	10.3	1.5	.2	21.9		Total
	1	Oct	1.5	.1	.1	.1				1.5	.2		.2			1.3	
Nov		.9	.1					.1	.9					.1	.9		Nov
Dec		.8	.2					.2	.8					.2	.8		Dec
Jan		.8	.1					.1	.8					.1	.8		Jan
Feb		.8	.2					.2	.8					.2	.8		Feb
Mar		.8	.3					.3	.8					.3	.8		Mar
Apr		2.0	.5	.1	.1			.4	2.0	.6	.4	.2			1.8		Apr
May		11.5	.5	.4	.4				11.5	2.0	.1	1.9			9.6		May
June		4.0	.8	.6	.6			.2	4.0	2.9	.2	2.7			1.3		June
9	July	2.1	.6	.7	.6	.1			2.0	3.4		2.0	1.4				July
	Aug	1.4	.3	.5	.3	.2			1.2	2.6		1.2	1.4				Aug
	Sept	1.0	.2	.1	.1			.1	1.0	.5	.1	.4			.6		Sept
	Total	27.6	3.9	2.5	2.2	.3	0	1.7	27.3	12.2	.8	8.6	2.8	.9	18.7		Total
	Oct	.9	.1	.1	.1				.9	.2		.2			.7		Oct
	Nov	.8	.1					.1	.8					.1	.8		Nov
	Dec	.8	.3					.3	.8					.3	.8		Dec
	Jan	.7	.2					.2	.7					.2	.7		Jan
	Feb	.7	.3					.3	.7					.3	.7		Feb
7	Mar	.9	.3					.3	.9					.3	.9		Mar
	Apr	.9	.2	.1	.1			.1	.9	.6	.1	.5			.4		Apr
	May	8.0	.4	.4	.4				8.0	2.0		2.0			6.0		May
	June	13.3	.9	.6	.6			.3	13.3	2.9	.3	2.6			10.7		June
	July	2.5	.5	.7	.5	.2			2.3	3.4		2.3	1.1				July
	Aug	1.4	.5	.5	.5				1.4	2.6		1.4	1.2				Aug
	Sept	1.1	.3	.1	.1			.2	1.1	.5	.2	.3			.8		Sept
	Total	32.0	4.1	2.5	2.3	.2	0	1.8	31.8	12.2	.6	9.3	2.1	1.2	22.5		Total
	1	Oct															
Nov																	Nov
Dec																	Dec
Jan																	Jan
Feb																	Feb
Mar																	Mar
Apr																	Apr
May																	May
June																	June
0	July																July
	Aug																Aug
	Sept																Sept
	Total																Total

Table 25
JENSEN UNIT

Sheet 7

YEAR		MONTH	PREPROJECT STUDY													MONTH	YEAR
			UPPER BRUSH CREEK						LOWER BRUSH CREEK								
			Present modified flow of		Demand 664 acres @ 3.70 acre-feet per acre	Demand met by		Remaining flow		Presently irrigated lands				Remaining flow of			
										Demand	Demand met from	Remaining demand					
			Brush Creek near Vernal	Little Brush Creek	Little Brush Creek	Brush Creek near Vernal	Remaining demand	Little Brush Creek (2-4)	Brush Creek near Vernal (1-5)	3,307 ac. @ 3.70 acre-feet per acre	Little Brush Creek	Brush Creek	Remaining demand	Little Brush Creek (7-10)	Brush Creek (8-11-14)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)				
1	Oct	1.1	0.2	0.1	0.1		0.1	1.1	0.2	0.1	0.1		1.0	Oct			
	Nov	.7	.1				.1	.7				.1	.7	Nov			
	Dec	.7	.1				.1	.7				.3	.7	Dec			
	Jan	.7	.2				.2	.7				.2	.7	Jan			
	Feb	.8	.3				.3	.8				.3	.8	Feb			
9	Mar	.8	.3				.3	.8				.3	.8	Mar			
	Apr	1.0	.2	.1	.1		.1	1.0	.6	.1	.5		.5	Apr			
	May	5.9	.2	.4	.2	.2	.2	5.7	2.0		2.0		3.7	May			
	June	12.2	.9	.6	.6		.3	12.2	2.9	.3	2.6		9.6	June			
	July	2.1	.9	.7	.7		.2	2.1	3.4	.2	2.1	1.1		July			
7	Aug	1.6	.7	.5	.5		.2	1.6	2.6	.2	1.6	.8		Aug			
	Sept	1.5	.7	.1	.1		.6	1.5	.5				.1	Sept			
	Total	29.1	5.0	2.5	2.3	.2	0	2.7	28.9	12.2	1.4	8.9	1.9	1.3	20.0	Total	
	1	Oct	1.2	.3	.1	.1		.2	1.2	.2	.2			1.2	Oct		
		Nov	.9	.2				.2	.9				.2	.9	Nov		
Dec		.9	.3				.3	.9				.3	.9	Dec			
Jan		.9	.3				.3	.9				.3	.9	Jan			
Feb		.9	.4				.4	.9				.4	.9	Feb			
9	Mar	1.1	.4				.4	1.1				.4	1.1	Mar			
	Apr	1.5	.3	.1	.1		.2	1.5	.6	.2	.4		1.1	Apr			
	May	6.7	.2	.4	.2	.2	.2	6.5	2.0		2.0		4.5	May			
	June	3.8	.6	.6	.6			3.8	2.9		2.9		.9	June			
	July	1.3	.8	.7	.7		.1	1.3	3.4	.1	1.3	2.0		July			
2	Aug	1.3	.4	.5	.4	.1		1.2	2.6		1.2	1.4		Aug			
	Sept	1.0	.3	.1	.1		.2	1.0	.5	.2	.3		.7	Sept			
	Total	21.5	4.5	2.5	2.2	.3	0	2.3	21.2	12.2	.7	8.1	3.4	1.6	13.1	Total	

SUMMARY
PREPROJECT STUDY--JENSEN UNIT
(one unit = 1,000 acre-feet)

Table 25
Sheet 8

PREPROJECT STUDY--JENSEN UNIT															Sheet 5
(one unit = 1,000 acre-feet)															
YEAR	Present modified flow of Big Brush Creek near Vernal (1) Little Brush Creek at mouth (2)		UPPER BRUSH CREEK AREA (664 acres)						LOWER BRUSH CREEK AREA (3,307 acres)						YEAR
			Demand met from		Remaining demand (6)	Remaining flow Big Brush Creek near Vernal (1-5)		Demand met from		Remaining demand (12)	Remaining flow Big Brush Creek (7-10) (8-11)				
			Little Brush Creek (4)	Big Brush Creek (5)		Little Brush Creek (2-4) (7)	Big Brush Creek (1-5) (8)	Little Brush Creek (10) (10)	Big Brush Creek (11) (11)		Little Brush Creek (13) (13)	Big Brush Creek (8-11) (14)			
	Demand (3)														
1929														1929	
1930	31.4	6.5	2.5	2.5		0	4.0	31.4	12.2	2.0	8.4	1.8	2.0	23.0	1930
1931	16.1	3.6	2.5	1.5	1.0		2.1	15.1	12.2	.4	4.5	7.3	1.7	10.6	1931
1932	28.5	5.2	2.5	2.4	.1		2.8	28.4	12.2	1.4	9.1	1.7	1.4	19.3	1932
1933	18.8	3.9	2.5	2.0	.5		1.9	18.3	12.2	.5	7.9	3.8	1.4	10.4	1933
1934	12.2	3.0	2.5	1.4	1.1		1.6	11.1	12.2	.4	4.1	7.7	1.2	7.0	1934
1935	26.6	4.1	2.5	2.0	.5		2.1	26.1	12.2	.7	8.6	2.9	1.4	17.5	1935
1936	15.0	3.4	2.5	1.8	.7		1.6	14.3	12.2	.5	6.2	5.5	1.1	8.1	1936
1937	29.6	5.4	2.5	2.5			2.9	29.6	12.2	1.7	9.0	1.5	1.2	20.6	1937
1938	30.9	5.3	2.5	2.5			2.8	30.9	12.2	1.5	9.4	1.3	1.3	21.5	1938
1939	27.1	5.0	2.5	2.0	.5		3.0	26.6	12.2	1.1	5.1	6.0	1.9	21.5	1939
1940	17.5	3.1	2.5	1.7	.8		1.4	16.7	12.2	.3	5.1	6.8	1.1	11.6	1940
1941	31.9	5.0	2.5	2.4	.1		2.6	31.8	12.2	1.6	8.4	2.2	1.0	23.4	1941
1942	40.9	6.6	2.5	2.5			4.1	40.9	12.2	2.1	9.2	.9	2.0	31.7	1942
1943	20.0	4.1	2.5	2.0	.5		2.1	19.5	12.2	.7	7.6	3.9	1.4	11.9	1943
1944	37.2	5.6	2.5	2.5			3.1	37.2	12.2	1.9	9.9	.4	1.2	27.3	1944
1945	22.5	4.3	2.5	2.2	.3		2.1	22.2	12.2	.7	8.4	3.1	1.4	13.8	1945
1946	14.7	3.7	2.5	1.9	.6		1.8	14.1	12.2	.4	6.3	5.5	1.4	7.8	1946
1947	41.2	6.8	2.5	2.5			4.3	41.2	12.2	2.7	9.5		1.6	31.7	1947
1948	25.1	5.1	2.5	2.5			2.6	25.1	12.2	1.2	9.1	1.9	1.4	16.0	1948
1949	34.0	6.0	2.5	2.5			3.5	34.0	12.2	2.2	9.2	.8	1.3	24.8	1949
1950	36.3	6.1	2.5	2.5			3.6	36.3	12.2	2.1	8.7	1.4	1.5	27.6	1950
1951	19.7	3.9	2.5	2.1	.4		1.8	19.3	12.2	.4	8.5	3.3	1.4	10.8	1951
1952	35.4	5.3	2.5	2.5			2.8	35.4	12.2	1.8	8.7	1.7	1.0	26.7	1952
1953	19.7	3.9	2.5	2.1	.4		1.8	19.3	12.2	.4	8.8	3.0	1.4	10.5	1953
1954	16.4	3.5	2.5	1.8	.7		1.7	15.7	12.2	.5	6.1	5.6	1.2	9.6	1954
1955	14.4	2.9	2.5	1.7	.8		1.2	13.6	12.2	.2	7.7	4.3	1.0	5.9	1955
1956	16.4	3.1	2.5	1.8	.7		1.3	15.7	12.2	.1	7.0	5.1	1.2	8.7	1956
1957	27.9	4.6	2.5	2.1	.4		2.5	27.5	12.2	1.5	10.2	.5	1.0	17.3	1957
1958	23.9	4.0	2.5	2.3	.2		1.7	23.7	12.2	.5	8.0	3.7	1.2	15.7	1958
1959	15.9	3.1	2.5	1.9	.6		1.2	15.3	12.2	.2	8.1	3.9	1.0	7.2	1959
1960	12.6	2.4	2.5	1.6	.9		.8	11.7	12.2	.1	7.1	5.0	.7	4.6	1960
1961	13.3	2.4	2.5	1.6	.9		.8	12.4	12.2		6.8	5.4	.8	5.6	1961
1962	36.3	4.7	2.5	2.2	.3		2.5	36.0	12.2	1.5	7.5	3.2	1.0	28.5	1962
1963	12.5	2.2	2.5	1.4	1.1		.8	11.4	12.2		5.9	6.3	.8	5.5	1963
1964	19.3	3.0	2.5	1.9	.6		1.1	18.7	12.2	.4	8.1	3.7	.7	10.6	1964
1965	32.4	4.2	2.5	2.1	.4		2.1	32.0	12.2	1.1	11.0	.4	1.0	21.0	1965
1966	23.9	4.2	2.5	2.0	.5		2.2	23.4	12.2	.7	6.2	5.3	1.5	17.2	1966
1967	30.9	2.6	2.5	1.1	1.4		1.5	29.5	12.2	.2	9.7	2.3	1.3	19.8	1967
1968	32.6	2.7	2.5	2.1	.4		.6	32.2	12.2	.4	10.3	1.5	.2	21.9	1968
1969	27.6	3.9	2.5	2.2	.3		1.7	27.3	12.2	.8	8.6	2.8	.9	18.7	1969
1970	32.0	4.1	2.5	2.3	.2		1.8	31.8	12.2	.6	9.3	2.3	1.2	22.5	1970
1971	29.1	5.0	2.5	2.3	.2		2.7	28.9	12.2	1.4	8.9	1.9	1.3	20.0	1971
1972	21.5	4.5	2.5	2.2	.3	0	2.3	21.2	12.2	.7	8.1	3.4	1.6	13.1	1972
Total	1,071.2	182.0	107.5	89.1	18.4	0	92.9	1,052.8	524.6	39.6	344.3	140.7	53.3	708.5	Total
Avg.	24.9	4.2	2.5	2.1	.4	0	2.1	24.5	12.2	.9	8.0	3.3	1.2	16.5	Avg.

Tyzack Reservoir Operation (Table 26) Column Explanation

Column	1	Present modified flow of Big Brush Creek near Vernal, Utah. The flows for April 1939 through 1972 are from U.S. Geological Survey records; 1920 through March 1939 are estimated by correlation with the past modified flow of Ashley Creek near Vernal. Present modified flows at this station assume Oaks Park Reservoir had been in operation for the period of study.
Column	2	Present modified flow of Little Brush Creek near mouth. The 1964-69 flows are from U.S. Bureau of Reclamation records and 1920-63 and 1970-72 records are by correlation with the present modified flow of Big Brush Creek near Vernal, Utah. These flows are affected by releases from East Park Reservoir and the pipeline over the sink area.
Column	3	Demand for 133 acres in an area above Little Brush Creek at 3.70 acre-feet per acre.
Column	4	Area above Little Brush Creek. Demand met from Big Brush Creek near Vernal.
Column	5	Demand for 672 acres in the area below Little Brush Creek at 3.70 acre-feet per acre.
Column	6	Area below Little Brush Creek. Demand met from Little Brush Creek.
Column	7	Area below Little Brush Creek. Demand met from Big Brush Creek near Vernal.
Column	8	Storable flow of Big Brush Creek (Col. 1 minus Cols. 4 and 7).
Column	9	Spills from Steinaker Reservoir. These spills were taken from Vernal Unit water supply operation study.
Column	10	Municipal and industrial demand of 18,000 acre-feet per year.
Column	11	End-of-month content of Steinaker Reservoir without Jensen Unit.
Column	12	Water pumped to Steinaker Reservoir from Tyzack Reservoir for credit to meet winter demands.
Column	13	Demand met by spills from Steinaker Reservoir.
Column	14	Demand met by Steinaker Reservoir credits.
Column	15	Demands met by direct pumping from Tyzack Reservoir.

Column 16	Shortage (Col. 10 minus Cols. 13, 14, and 15).
Column 17	Accumulated credit or deficit in Steinaker Reservoir limited by 33,200 acre-feet of active capacity.
Column 18	End-of-month content of Steinaker Reservoir with coordinated Jensen Unit operation.
Column 19	Evaporation on Tyzack Reservoir based on end-of-month content for the previous month and an evaporation rate of 3.31 feet per year.
Column 20	Tyzack Reservoir end-of-month content limited by 24,000 acre-feet active capacity.
Column 21	Spills from Tyzack Reservoir.
Column 22	Remaining flow of Little Brush Creek below the upper Brush Creek area (Col. 2 minus Col. 6).
Column 23	Total supply available (Col. 21 plus Col. 22).
Column 24	Demands on lower Brush Creek area for class 6W lands (333 acres).
Column 25	Demand met from Little Brush Creek and Tyzack Reservoir spills.
Column 26	Demand met by pumping from the Green River for class 6W land. This replaces water used upstream for project purposes and brings those lands up to their preproject supply.
Column 27	Shortage to class 6W lands. This is the same shortage that occurred under preproject conditions.
Column 28	Demand for 3,277 acres of project lands in lower Brush Creek area.
Column 29	Demand met from Little Brush Creek and Tyzack Reservoir spills.
Column 30	Demand met by pumping from the Green River (Col. 28 minus Col. 29).
Column 31	Water supplied to Stewart Lake Waterfowl Management Area by pumping from the Green River during the off-peak season.
Column 32	Remaining flow of Brush Creek below the lower Brush Creek area (Col. 23 minus Cols. 25 and 29).

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations												Lower Brush Creek area irrigation												MONTH	YEAR			
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinaker Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinaker Reservoir	Steinaker Reservoir end-of-year content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)			Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River	Remaining flow of Brush Creek (23-25-29)						
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinaker Reservoir spills	Steinaker Reservoir credits	Direct pumping from Tyzack Reservoir			Shortage	Evaporation	End-of-month content			Spills	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand	Little Brush Creek and reservoir spills			Pumping from Green River					
							Little Brush Creek	Big Brush Creek																											Steinaker Reservoir	Steinaker Reservoir	Tyzack Reservoir
1930	Oct	2.0	0.3					2.0		1.5	26.6			1.5		0.6	27.2	0.1	23.0		0.3	0.3					0.1	0.1			0.2	Oct					
	Nov	1.6	.3					1.6		1.1	30.8			1.1		.6	31.4		23.5		.3	.3									.3	Nov					
	Dec	1.2	.4					1.2	0.5	1.1	33.2		0.5	0.6			33.2		24.0	0.7	.4	1.1									1.1	Dec					
	Jan	1.2	.4					1.2	3.0	1.2	33.2		1.2				33.2		24.0	1.2	.4	1.6									1.6	Jan					
	Feb	1.0	.4					1.0	2.2	1.0	33.2		1.0				33.2		24.0	1.0	.4	1.4									1.4	Feb					
	Mar	1.2	.4					1.2	2.0	1.2	33.2		1.2				33.2	.1	24.0	1.1	.4	1.5									1.5	Mar					
	Apr	3.4	.5			0.1	0.1	3.4	2.3	1.4	33.2		1.4				33.2	.2	24.0	3.2	.4	3.6	0.1	0.1		.6	.6			2.9	Apr						
	May	9.3	.6	0.1	0.1	.4	.4	9.2	11.1	1.9	33.2		1.9				33.2	.2	24.0	9.0	.2	9.2	.2			2.0	2.0			7.0	May						
	June	5.4	.7	.1	.1	.6	.6	5.3	7.3	2.1	33.2		2.1				33.2	.3	24.0	5.0	.1	5.1	.3			2.9	2.9			1.9	June						
	July	1.8	.9	.1	.1	.7	.7	1.7		2.0	25.5	0.1			2.0		.1	25.6	.3	23.3		.2	.3	.2		0.1	3.4		3.4			July					
1931	Aug	1.8	.9	.1	.1	.6	.6	1.7		1.8	22.8	.3			1.8		.4	23.2	.3	22.6		.3	.2	.1		.1	2.6	.2	2.4			Aug					
	Sept	1.5	.7	.1	.1	.1	.1	1.4		1.7	21.2	.4			1.7		.8	22.0	.2	21.7		.6	.6	.1	.1		.5	.5			17.9	Sept					
	Total	31.4	6.5	.5	.5	2.5	2.5	30.9	28.4	18.0		.8	9.3	.6	8.1			1.7		21.2		4.0	25.2	1.2	1.0		.2	12.1	6.3	5.8	0.2		Total				
	Oct	2.0	.3					2.0		1.5	23.2	.6			1.5		1.4	24.6	.1	21.5		.3	.3				.1	.1			.2	Oct					
	Nov	1.4	.2					1.4		1.1	26.8	1.0			1.1		2.4	29.2		20.8		.2	.2								.2	Nov					
	Dec	1.1	.3					1.1		1.1	29.8			1.1		1.3	31.1		21.9		.3	.3									.3	Dec					
	Jan	1.1	.4					1.1		1.2	32.0			1.2		.1	32.1		23.0		.4	.4									.4	Jan					
	Feb	.9	.4					.9		1.0	33.2			.5				32.8		23.9		.4	.4								.4	Feb					
	Mar	1.7	.4					1.2	2.0	1.2	33.2		1.2					33.2	.1	24.0	1.0	.4	1.4								1.4	Mar					
	Apr	1.6	.3			.1	.1	1.6		1.4	32.0				1.4			32.0	.2	24.0		.2	.2	.1	.1		.6	.1	.5			Apr					
1932	May	3.7	.1	.1	.1	.4	.1	3.3		1.9	29.0				1.9			29.0	.2	24.0	1.2	.2	1.2	.2		2.0	1.0	1.0			May						
	June	1.0	.4	.1	.1	.6	.4	.7		2.1	22.0				2.1			22.0	.3	22.3		.3	.3		0.1	.2	2.9		2.9			June					
	July	.5	.6	.1	.1	.7	.6	.3		2.0	13.0	.1			2.0		.1	13.1	.3	20.2		.3	.3		.1	.2	3.4		3.4			July					
	Aug	.8	.1	.1	.1	.6	.1	.5		1.8	7.0	.3			1.8		.4	7.4	.2	18.1		.2	.2		.1	.2	2.6		2.6			Aug					
	Sept	.8	.1	.1	.1	.1	.1	.7		1.7	1.7	.4			1.7		.8	2.5	.2	16.5		.1	.2	.1		.1	.5	.5			.2	Sept					
	Total	16.1	3.6	.5	.5	2.5	1.4	14.5	2.5	18.0		2.4	1.7	2.8	13.5			1.6		2.2		2.2	4.4	1.2	.3	.6	12.1	1.2	10.9	.2		2.9	Total				
	Oct	.7						.7		1.5	.2	.6			1.5		1.4	1.6	.1	15.0		.1	.1				.1				.1	Oct					
	Nov	.8	.1					.8		1.1	2.2	1.0			1.1		2.4	4.6		13.7		.1	.1								.1	Nov					
	Dec	.8	.3					.8		1.1	4.2			1.1		1.3	5.5		14.5		.3	.3									.3	Dec					
	Jan	.9	.3					.9		1.2	6.2			1.2		.1	6.3		15.4		.3	.3									.3	Jan					
Feb	.9	.4					.9		1.0	8.5			1.0				7.6		16.3		.4	.4								.4	Feb						
Mar	1.0	.3					1.0		1.2	9.8	.9			1.2			9.8	.1	15.1		.3	.3								.3	Mar						
Apr	1.3	.2			.1	.1	1.3		1.4	12.2				1.4			12.2	.1	14.9		.1	.1	.1	.1		.6		.6			.6	Apr					
May	9.5	.6	.1	.1	.4	.4	9.4		1.9	21.5				1.9			21.5	.2	22.2		.2	.2	.2	.2		2.0		2.0			May						
June	7.5	.8	.1	.1	.6	.6	7.4		2.1	30.2				2.1			30.2	.3	24.0	3.2	.2	3.4	.3	.3		2.9		2.9			June						
July	2.3	1.0	.1	.1	.7	.7	2.2		2.0	26.5	.1			2.0		.1	26.6	.3	23.8		.3	.3	.2		.1	3.4	.1	3.3			July						
Aug	1.5	.7	.1	.1	.6	.6	1.4		1.8	22.4	.3			1.8		.4	22.8	.3	22.8		.1	.1	.2	.1		.1	2.6		2.6			Aug					
Sept	1.3	.5	.1	.1	.1	.1	1.2		1.7	19.5	.4			1.7		.8	20.3	.2	21.7		.4	.4	.1	.1		.5	.3	.2			Sept						
Total	28.5	5.2	.5	.5	2.5	2.5	28.0		18.0		3.3		3.3	14.7			1.6		3.2		2.7	5.9	1.2	1.0	.2	12.1	3.3	8.8	.2		1.6	Total					
1933	Oct	1.3	.3					1.3		1.5	19.5	.6			1.5		1.4	20.9	.1	20.8		.3	.3				.1	.1			.2	Oct					
	Nov	1.0	.2					1.0		1.1	22.1	1.0			1.1		2.4	24.5		19.7		.2	.2								.2	Nov					
	Dec	.8	.3					.8		1.1	24.5			1.1		1.3	25.8		20.5		.3	.3									.3	Dec					
	Jan	.8	.3					.8		1.2	25.6			1.2		.1	25.7		21.3		.3	.3															

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations											Lower Brush Creek area irrigation											Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River	Remaining flow of Brush Creek (23-25-29)	MONTH	YEAR		
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinaker Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinaker Reservoir	Steinaker Reservoir end-of-month content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)									
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinaker Reservoir spills	Steinaker Reservoir credits	Direct pumping from Tyzack Reservoir			Shortage	Evaporation	End-of-month content			Spills	Demand	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand	Demand met from						
							Little Brush Creek	Big Brush Creek																						Little Brush Creek and reservoir spills					Demand met from	
																																			Pumping from Green River	Shortage
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)					
1936	Oct	0.7					0.7		1.5	5.5	0.6			1.5		1.4	6.9	0.1	15.6								0.1		0.1			Oct				
	Nov	.7	0.1				.7		1.1	6.8	1.0			1.1		2.4	9.2		14.2		0.1	0.1									0.1	Nov				
	Dec	.7	.3				.7		1.1	8.5			1.1		1.3	9.8		14.9		.3	.3										.3	Dec				
	Jan	.7	.2				.7		1.2	9.9			1.2		.1	10.0		15.6		.2	.2										.2	Jan				
	Feb	.7	.3				.7		1.0	11.1			1.0		-.9	10.2		16.3		.3	.3										.3	Feb				
	Mar	.7	.2				.7		1.2	12.5	.9			1.2			12.5	.1	14.8		.2	.2									.2	Mar				
	Apr	1.4	.3			0.1	0.1	1.4		1.4	12.0			1.4			12.0	.1	14.7		.2	.2	0.1	0.1			.6	0.1	.5		.2	Apr				
	May	4.5	.1	0.1	0.1	.4	.1	4.1		1.9	12.1			1.9			12.1	.2	16.7		.2	.2	.2		0.2		2.0		2.0			May				
	June	1.4	.4	.1	.1	.6	.4	1.1		2.1	8.0			2.1		.1	8.0	.2	15.5		.3	.3		.1	0.2	2.9		2.9				June				
	July	1.0	.7	.1	.1	.7	.7	.9		2.0	.8	.1		2.0		.1	.9	.2	14.1		.3	.3		.1	.2	3.4		3.4				July				
Aug	1.3	.4	.1	.1	.6	.4	1.0		1.8	.3	.3		1.8		.4	.7	.2	12.8		.2	.2		.1	.1	2.6		2.6				Aug					
Sept	1.2	.4	.1	.1	.1	.1	1.1		1.7	.1	.4		1.7		.8	.9	.1	11.7		.3	.3		.1	.1	.5		.2	.3			Sept					
Total	15.0	3.4	.5	.5	2.5	1.8	13.8		18.0		3.3		3.3	14.7				1.2			1.6	1.6	1.2	.2	.5	.5	12.1	.3	11.8	0.2	1.1	Total				
1937	Oct	1.2	.2				1.2		1.5	.6	.6			1.5		1.4	2.0	.1	10.7		.2	.2									.1	Oct				
	Nov	1.0	.2				1.0		1.1	2.0	1.0			1.1		2.4	4.4		9.6		.2	.2									.2	Nov				
	Dec	.8	.3				.8		1.1	4.3			1.1		1.3	5.6		10.4		.3	.3										.3	Dec				
	Jan	.7	.2				.7		1.2	6.0			1.2		.1	6.1		11.1		.2	.2										.2	Jan				
	Feb	.7	.3				.7		1.0	7.2			1.0		-.9	6.3		11.8		.3	.3										.3	Feb				
	Mar	.7	.2				.7		1.2	9.0	.9			1.2			9.0	.1	10.3		.2	.2									.2	Mar				
	Apr	1.4	.3			.1	.1	1.4		1.4	8.0			1.4			8.0	.1	10.2		.2	.2	.1	.1			.6	.1	.5			Apr				
	May	12.2	.9	.1	.1	.4	.4	12.1		1.9	25.0			1.9			25.0	.1	20.3		.5	.5	.2	.2		2.0		2.0				May				
	June	5.7	.7	.1	.1	.6	.6	5.6		2.1	30.5			2.1		.1	30.5	.2	23.6		.1	.1	.3	.1	.2	2.9		2.9				June				
	July	2.5	1.0	.1	.1	.7	.7	2.4		2.0	27.0	.1		2.0		.1	27.1	.3	23.6		.3	.3	.3	.2	.1	3.4		3.4				July				
Aug	1.5	.7	.1	.1	.6	.6	1.4		1.8	23.2	.3		1.8		.4	23.6	.3	22.6		.1	.1	.3	.1	.1	2.6		2.6				Aug					
Sept	1.2	.4	.1	.1	.1	.1	1.1		1.7	20.2	.4		1.7		.8	21.0	.2	21.4		.3	.3	.1	.1	.1	.5		.2	.3			Sept					
Total	29.6	5.4	.5	.5	2.5	2.5	29.1		18.0		3.3		3.3	14.7				1.4			2.9	2.9	1.2	.8	.2	.2	12.1	.8	11.3	.2	1.3	Total				
1938	Oct	1.1	.2				1.1		1.5	19.8	.6			1.5		1.4	21.2	.1	20.3		.2	.2									.1	Oct				
	Nov	.9	.2				.9		1.1	21.8	1.0			1.1		2.4	24.2		19.1		.2	.2									.2	Nov				
	Dec	.8	.3				.8		1.1	23.2			1.1		1.3	24.5		19.9		.3	.3										.3	Dec				
	Jan	.7	.2				.7		1.2	25.0			1.2		.1	25.1		20.6		.2	.2										.2	Jan				
	Feb	.7	.3				.7		1.0	26.2			1.0		-.9	25.3		21.3		.3	.3										.3	Feb				
	Mar	.8	.3				.8		1.2	27.5	.9			1.2			27.5	.1	19.9		.3	.3									.3	Mar				
	Apr	1.5	.3			.1	.1	1.5		1.4	26.8			1.4			26.8	.1	19.9		.2	.2	.1	.1		.6	.1	.5				Apr				
	May	8.0	.4	.1	.1	.4	.4	7.9	2.7	1.9	33.2			1.9			33.2	.2	24.0	3.6	.3	3.6	.2	.2		2.0		2.0				May				
	June	10.9	.9	.1	.1	.6	.6	10.8	14.3	2.1	33.2			2.1			33.2	.3	24.0	10.5	.3	10.8	.3	.3	.2	2.9		2.9			1.4	June				
	July	2.7	1.0	.1	.1	.7	.7	2.6		2.0	30.0	.1		2.0		.1	30.1	.3	24.0	.2	.3	.5	.3	.3	.1	3.4		3.4			7.6	July				
Aug	1.5	.7	.1	.1	.6	.6	1.4		1.8	26.0	.3		1.8		.4	26.4	.3	23.0		.1	.1	.2	.1	.1	2.6		2.6				Aug					
Sept	1.3	.5	.1	.1	.1	.1	1.2		1.7	22.3	.4		1.7		.8	23.1	.2	21.9		.4	.4	.1	.1	.1	.5		.3	.2			Sept					
Total	30.9	5.3	.5	.5	2.5	2.5	30.4	17.0	18.0		3.3		4.0	3.3	10.7			1.6			2.8	17.1	1.2	1.1	.1	.1	12.1	5.6	6.5	.2	10.4	Total				
1939	Oct	2.4	.3				2.4		1.5	23.9	.3			1.5		1.1	25.0	.1	22.4		.3	.3									.2	Oct				
	Nov	1.9	.3				1.9		1.1	28.0			1.1		1.1	29.1		23.2		.3	.3															

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations											Lower Brush Creek area irrigation												MONTH	YEAR				
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinaker Reservoir	Municipal and industrial demand met from			Shortage	Accumulated credit or deficit in Steinaker Reservoir	Steinaker Reservoir end-of-year content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)			Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River			Remaining flow of Brush Creek (23-25-29)			
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand met from Little Brush Creek		Steinaker Reservoir spills						Steinaker Reservoir credits	Direct pumping from Tyzack Reservoir	Evaporation				End-of-month content	Spills	Demand			Demand met from		Demand	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage					Demand	Little Brush Creek and reservoir spills	Pumping from Green River
						(1)	(2)																		(3)	(4)											
1942	Oct	3.4	0.3					3.4		1.5	26.0	0.3			1.5		1.1	27.1	0.1	23.1		0.3	0.3					0.1	0.1			0.2	Oct				
	Nov	2.4	.4					2.4		1.1	32.0				1.1		1.1	33.2		24.0	0.4	.4	.8									.8	Nov				
	Dec	1.5	.4					1.5	4.3	1.1	33.2			1.1				33.2		24.0	1.5	.4	1.9									1.9	Dec				
	Jan	1.1	.4					1.1	2.8	1.2	33.2		1.2					33.2		24.0	1.1	.4	1.5									1.5	Jan				
	Feb	.9	.4					.9	2.0	1.0	33.2		1.0					33.2		24.0	.9	.4	1.3									1.3	Feb				
	Mar	1.1	.4					1.1	1.8	1.2	33.2		1.2					33.2	.1	24.0	1.0	.4	1.4									1.4	Mar				
	Apr	3.7	.5			0.1	0.1	3.7	2.3	1.4	33.2		1.4					33.2	.2	24.0	3.5	.4	3.9	0.1	0.1			.6	.6			3.2	Apr				
	May	9.8	.6	0.1	0.1	.4	.4	9.7	7.8	1.9	33.2		1.9					33.2	.2	24.0	9.5	.2	9.7	.2	.2			2.0	2.0			7.5	May				
	June	11.4	.9	.1	.1	.6	.6	11.3	13.5	2.1	33.2		2.1					33.2	.3	24.0	11.0	.3	11.3	.3	.3			2.9	2.9			8.1	June				
	July	2.7	1.0	.1	.1	.7	.7	2.6		2.0	30.0	.1			2.0		.1	30.1	.3	24.0	.2	.3	.5	.3	.3			3.4	.2	3.2				July			
1943	Oct	1.7	.9	.1	.1	.6	.6	1.6		1.8	23.5	.3			1.8		.4	23.9	.3	23.2		.3	.3	.2	.1		0.1	2.6	.2	2.4				Aug			
	Nov	1.2	.4	.1	.1	.1	.1	1.1		1.7	17.7	.4			1.7		.8	18.5	.2	22.0		.3	.3	.2	.1			5	.2	.3				Sept			
	Total	40.9	6.6	.5	.5	2.5	2.5	40.4	34.5	18.0		1.1	8.8	1.1	8.1			1.7	1.7	29.1	4.1	33.2	1.2	1.1			12.1	6.2	5.9	0.2	25.9		Total				
	Oct	1.1	.2					1.1		1.5	16.8	.6			1.5		1.4	18.2	.1	20.9		.2	.2					.1	.1			.1	Oct				
	Nov	1.0	.2					1.0		1.1	19.0	1.0			1.1		2.4	21.4		19.8		.2	.2									.2	Nov				
	Dec	.8	.3					.8		1.1	21.2			1.1			1.3	22.5		20.6		.3	.3									.3	Dec				
	Jan	.8	.3					.8		1.2	23.1			1.2			.1	23.2		21.4		.3	.3									.3	Jan				
	Feb	.7	.3					.7		1.0	24.3			1.0			.9	23.4		22.1		.3	.3									.3	Feb				
	Mar	.9	.3					.9		1.2	25.6	.9			1.2		.9	25.6	.1	20.8		.3	.3									.3	Mar				
	Apr	3.5	.5			.1	.1	3.5		1.4	30.6				1.4			30.6	.1	22.8		.4	.4	.1	.1			.6	.3	.3			1.2	Apr			
1944	May	5.2	.1	.1	.1	.4	.4	4.8	6.7	1.9	33.2		1.9				33.2	.2	24.0	3.4	.4	3.4	.2	.2			2.0	2.0					May				
	June	2.7	.6	.1	.1	.6	.6	2.6	2.0	2.1	33.2		2.0				.1	33.2	.3	24.0	2.2	.2	2.2	.3	.3			2.9	1.9	1.0			June				
	July	1.3	.8	.1	.1	.7	.7	1.2		2.0	25.7	.1			2.0		.1	25.8	.3	22.8		.1	.1	.3	.1		.2	3.4		3.4			July				
	Aug	1.1	.3	.1	.1	.6	.3	.7		1.8	20.0	.3			1.8		.4	20.4	.3	21.1		.2	.2	.2	.1		.2	2.6		2.6			Aug				
	Sept	.9	.2	.1	.1	.1	.1	.8		1.7	15.2	.4			1.7		.8	16.0	.2	19.6		.1	.1	.1	.1		.5	.5	.5			.5	Sept				
	Total	20.0	4.1	.5	.5	2.5	1.9	18.9	8.7	18.0		3.3	3.9	3.3	10.8			1.6	1.6	5.6	2.2	7.8	1.2	.8			.4	12.1	4.3	7.8	.2	2.7		Total			
	Oct	.9	.1					.9		1.5	14.2	.6			1.5		1.4	15.6	.1	18.3		.1	.1					.1	.1			.1	Oct				
	Nov	.8	.1					.8		1.1	16.2	1.0			1.1		2.4	18.6		17.0		.1	.1									.1	Nov				
	Dec	.8	.3					.8		1.1	18.0			1.1			1.3	19.3		17.8		.3	.3									.3	Dec				
	Jan	.7	.2					.7		1.2	19.2			1.2			.1	19.3		18.5		.2	.2									.2	Jan				
Feb	.7	.3					.7		1.0	20.2			1.0			.9	19.3		19.2		.3	.3									.3	Feb					
Mar	.8	.3					.8		1.2	21.2	.9			1.2		.9	21.2	.1	17.8		.3	.3									.3	Mar					
Apr	.9	.2			.1	.1	.9		1.4	20.0				1.4			20.0	.1	17.2		.1	.1	.1	.1			.6		.6			Apr					
1945	May	10.5	.6	.1	.1	.4	.4	10.4		1.9	26.9			1.9			26.9	.2	24.0	1.5	.2	1.7	.2	.2			2.0	1.5	.5			11.1	May				
	June	14.4	.9	.1	.1	.6	.6	14.3	17.1	2.1	33.2		2.1				33.2	.3	24.0	14.0	.3	14.3	.3	.3			2.9	2.9				June					
	July	3.5	1.1	.1	.1	.7	.7	3.4		2.0	32.2	.1			2.0		.1	32.3	.3	24.0	1.0	.4	1.4	.3	.3			3.4	1.1	2.3			July				
	Aug	1.8	.9	.1	.1	.6	.6	1.7		1.8	28.0	.3			1.8		.4	28.4	.3	23.3		.3	.3	.2	.1		.1	2.6	.2	2.4			Aug				
	Sept	1.4																																			

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations												Lower Brush Creek area irrigation											MONTH	YEAR	
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinkjer Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinkjer Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinkjer Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinkjer Reservoir	Steinkjer Reservoir end-of-year content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)			Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River	Remaining flow of Brush Creek (23-25-29)			
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinkjer Reservoir spills	Steinkjer Reservoir credits	Direct pumping from Tyzack Reservoir			Shortage	Evaporation	End-of-month content			Spills	Demand	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand					Demand met from
							Little Brush Creek	Big Brush Creek																						Little Brush Creek and reservoir spills	Demand met from			
																															(1)			(2)
1948																																		
Oct		1.2	0.2					1.2		1.5	22.2	0.6			1.5		1.4	23.6	0.1	21.8		0.2	0.2					0.1	0.1			0.1	Oct	
Nov		.9	.2					.9		1.1	25.0	1.0			1.1		2.4	27.4		20.6		.2	.2									.2	Nov	
Dec		.9	.3					.9		1.1	27.2			1.1			1.3	28.5		21.5		.3	.3									.3	Dec	
Jan		.9	.3					.9		1.2	29.0			1.2			.1	29.1		22.4		.3	.3									.3	Jan	
Feb		.7	.3					.7		1.0	30.2			1.0			-.9	29.3		23.1		.3	.3									.3	Feb	
Mar		.8	.3					.8		1.2	31.5	.9			1.2			31.5	.1	21.7		.3	.3									.3	Mar	
Apr		1.2	.2			0.1	0.1	1.2		1.4	30.5				1.4			30.5	.1	21.4		.1	.1	0.1	0.1		.6		0.6				.3	Apr
May		8.3	.4	0.1	0.1	.4	.4	8.2	9.3	1.9	33.2			1.9				33.2	.2	24.0	5.4	.1	5.4	.2	.2		2.0	2.0					3.2	May
June		5.3	.7	.1	.1	.6	.6	5.2	4.0	2.1	33.2			2.1				33.2	.3	24.0	4.9	.1	5.0	.3	.3		2.9	2.9					1.8	June
July		2.0	.9	.1	.1	.7	.7	1.9		2.0	25.0	.1			2.0		.1	25.1	.3	23.5		.2	.2	.3	.1	0.2	3.4	.1	3.3				July	
Aug		1.6	.8	.1	.1	.6	.6	1.5		1.8	19.0	.3			1.8		.4	19.4	.3	22.6		.2	.2	.2	.2		2.6	.1	2.6				Aug	
Sept		1.3	.5	.1	.1	.1	.1	1.2		1.7	13.3	.4			1.7		.8	14.1	.2	21.5		.4	.4	.1	.1		5	.3	2				Sept	
Total		25.1	5.1	.5	.5	2.5	2.5	24.6	13.3	18.0		3.3	4.0	3.3	10.7			1.6		10.3	2.6	12.9	1.2	1.0		2	12.1	5.4	6.7	0.2	6.5	Total		
1949																																		
Oct		1.0	.1					1.0		1.5	12.1	.6			1.5		1.4	13.5	.1	20.3		.1	.1				.1	.1				.1	Oct	
Nov		.8	.1					.8		1.1	13.2	1.0			1.1		2.4	15.6		19.0		.1	.1									.1	Nov	
Dec		.8	.3					.8		1.1	15.0			1.1			1.3	16.3		19.8		.3	.3									.3	Dec	
Jan		.8	.3					.8		1.2	16.2			1.2			.1	16.3		20.6		.3	.3									.3	Jan	
Feb		.7	.3					.7		1.0	17.2			1.0			-.9	16.3		21.3		.3	.3									.3	Feb	
Mar		.8	.3					.8		1.2	18.2	.9			1.2			18.2	.1	19.9		.3	.3									.3	Mar	
Apr		2.0	.3			.1	.1	2.0		1.4	17.2				1.4			17.2	.1	20.4		.2	.2	.1	.1		.6	.1	.5				4.7	Apr
May		12.2	.9	.1	.1	.4	.4	12.1		1.9	28.2				1.9			28.2	.2	24.0	6.4	.5	6.9	.2	.2		2.0	2.0					6.0	May
June		9.4	.8	.1	.1	.6	.6	9.3	11.9	2.1	33.2			2.1				33.2	.3	24.0	9.0	.2	9.2	.3	.3		2.9	2.9					6.0	June
July		2.3	1.0	.1	.1	.7	.7	2.2		2.0	29.2	.1			2.0		.1	29.3	.3	23.8		.3	.3	.3	.2	.1	3.4	.1	3.3				July	
Aug		2.0	1.2	.1	.1	.6	.6	1.9		1.8	23.0	.3			1.8		.4	23.4	.3	23.3		.6	.6	.2	.2		2.6	.4	2.2				Aug	
Sept		1.2	.4	.1	.1	.1	.1	1.1		1.7	18.4	.4			1.7		.8	19.2	.2	22.1		.3	.3	.1	.1		.5	.2	.3				Sept	
Total		34.0	6.0	.5	.5	2.5	2.5	33.5	11.9	18.0		3.3	2.1	3.3	12.6			1.6		15.4	3.5	18.9	1.2	1.1		.1	12.1	5.8	6.3	.2	12.0	Total		
1950																																		
Oct		1.8	.3					1.8		1.5	18.0	.6			1.5		1.4	19.4	.1	21.7		.3	.3				.1	.1				.2	Oct	
Nov		1.2	.2					1.2		1.1	20.4	1.0			1.1		2.4	22.8		20.8		.2	.2									.2	Nov	
Dec		1.1	.3					1.1		1.1	22.0			1.1			1.3	23.3		21.9		.3	.3									.3	Dec	
Jan		1.0	.4					1.0		1.2	24.0			1.2			.1	24.1		22.9		.4	.4									.4	Jan	
Feb		.8	.3					.8		1.0	26.3			1.0			-.9	25.4		23.7		.3	.3									.3	Feb	
Mar		.9	.3					.9		1.2	28.0	.9			1.2			28.0	.1	22.4		.3	.3									.3	Mar	
Apr		3.1	.5			.1	.1	3.1		1.4	28.5				1.4			28.5	.2	23.9		.4	.4	.1	.1		.6	.3	.3				7.8	Apr
May		10.1	.7	.1	.1	.4	.4	10.0	6.2	1.9	33.2			1.9				33.2	.2	24.0	9.7	.3	10.0	.2	.2		2.0	2.0					7.8	May
June		11.1	.9	.1	.1	.6	.6	11.0	13.8	2.1	33.2			2.1				33.2	.3	24.0	10.7	.3	11.0	.3	.3		2.9	2.9					7.8	June
July		2.4	1.0	.1	.1	.7	.7	2.3		2.0	30.2	.1			2.0		.1	30.3	.3	23.9		.3	.3	.3	.3		3.4	.1	3.4				July	
Aug		1.6	.8	.1	.1	.6	.6	1.5		1.8	25.5	.3			1.8		.4	25.9	.3	23.0		.2	.2	.2	.1	.1	2.6	.1	2.5				Aug	
Sept		1.2	.4	.1	.1	.1	.1	1.1		1.7	21.1	.4			1.7		.8	21.9	.2	21.8		.3	.3	.1	.1		.5	.2	.3				Sept	
Total		36.3	6.1	.5	.5	2.5	2.5	35.8	20.0	18.0		3.3	4.0	3.3	10.7			1.7		20.4	3.6	24.0	1.2	1.1		.1	12.1	5.6	6.5	.2	17.3	Total		
1951																																		
Oct		1.2	.2					1.2		1.5	20.0	.6			1.5		1.4	21.4	.1	20.8		.2	.2				.1	.1				.1	Oct	
Nov		1.0	.2					1.0		1.1	21.8	1.0			1.1		2.4	24.2		19.7		.2	.2									.2	Nov	
Dec		1.0	.3					1.0		1.1	23.9			1.1			1.3	25.2		20.7		.3	.3									.3	Dec	
Jan	</																																	

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations												Lower Brush Creek area irrigation										Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River	Remaining flow of Brush Creek (23-25-29)	MONTH	YEAR	
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinsaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinsaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinsaker Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinsaker Reservoir	Steinsaker Reservoir end-of-year content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)								
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinsaker Reservoir spills	Steinsaker Reservoir credits	Direct pumping from Tyzack Reservoir			Shortage	Evaporation	End-of-month content			Spills	Demand	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand	Little Brush Creek and reservoir spills					Pumping from Green River
							Little Brush Creek	Big Brush Creek																											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)				
1954	Oct	0.9	0.1				0.9		1.5	12.5	0.6			1.5		1.4	13.9	0.1	18.8		0.1	0.1				0.1	0.1				Oct				
	Nov	.8	.1				.8		1.1	14.4	1.0			1.1		2.4	16.8		17.5		.1	.1								0.1	Nov				
	Dec	.8	.3				.8		1.1	16.3			1.1		1.3	17.6		18.3		.3	.3									.3	Dec				
	Jan	.7	.2				.7		1.2	18.0			1.2		.1	18.1		19.0		.2	.2									.2	Jan				
	Feb	.7	.3				.7		1.0	19.3			1.0			18.4		19.7		.3	.3									.3	Feb				
	Mar	.8	.3				.8		1.2	20.4	.9			1.2		20.4	.1	18.3		.3	.3									.3	Mar				
	Apr	2.1	.4			0.1	0.1	2.1	1.4	19.8				1.4		19.8	.1	18.9		.3	.3	0.1	0.1			.6	.2	0.4			Apr				
	May	5.1	.1	0.1	0.1	.4	.1	4.7	1.9	28.7				1.9		28.7	.2	21.5		.2	.2			0.2		2.0	.2	2.0			May				
	June	1.5	.5	.1	.1	.6	.5	1.3	2.1	23.1				2.1		23.1	.3	20.4		.3	.3			.2	0.1	2.9	.2	2.9			June				
	July	1.2	.8	.1	.1	.7	.7	1.1	2.0	14.8	.1			2.0		14.9	.3	19.1		.1	.1	.3	.1		.2	3.4	.2	3.4			July				
Aug	.9	.2	.1	.1	.6	.4	.4	1.8	8.2	.3			1.8		8.6	.2	17.2		.4	.4	.2	.2		.2	2.6	.2	2.6			Aug					
Sept	.9	.2	.1	.1	.1	.1	.8	1.7	3.7	.4			1.7		4.5	.2	15.7		.8	.8	.1	.1		.5	5	.5	5			Sept					
Total	16.4	3.5	.5	.5	2.5	1.7	15.1		18.0		3.3	14.7		1.5		1.5		1.8	1.8	1.2	.3	.4	.5	12.1	.3	11.8	.2	1.2		Total					
1955	Oct	.8					.8		1.5	3.5	.6			1.5		1.4	4.9	.1	14.3		.1	.1									Oct				
	Nov	.8	.1				.8		1.1	4.9	1.0			1.1		2.4	7.3		13.0		.1	.1								.1	Nov				
	Dec	.6	.2				.6		1.1	6.8			1.1		1.3	8.1		13.6		.2	.2									.2	Dec				
	Jan	.7	.2				.7		1.2	8.0			1.2		.1	8.1		14.3		.2	.2									.2	Jan				
	Feb	.6	.2				.6		1.0	9.5			1.0			8.6		14.9		.2	.2									.2	Feb				
	Mar	.8	.3				.8		1.2	10.8	.9			1.2		10.8	.1	13.5		.3	.3									.3	Mar				
	Apr	1.0	.2			.1	.1	1.0	1.4	9.3				1.4		9.3	.1	13.0		.1	.1	.1	.1			.6	.2			.6	Apr				
	May	3.6	.1	.1	.1	.4	.3	3.2	1.9	13.8				1.9		13.8	.2	14.1		.2	.2			.2		2.0	.2	2.0			May				
	June	2.5	.6	.1	.1	.6	.6	2.4	2.1	11.0				2.1		11.0	.2	14.2		.3	.3			.3		2.9	.2	2.9			June				
	July	1.3	.8	.1	.1	.7	.7	1.2	2.0	1.8	.1			2.0		1.9	.2	13.1		.1	.1	.3	.1		.2	3.4	.2	3.4			July				
Aug	1.0	.2	.1	.1	.6	.4	.5	1.8	.2	.3			1.8		.6	.2	11.3		.4	.4	.2	.2		.2	2.6	.2	2.6			Aug					
Sept	.7	.1	.1	.1	.1	.1	.5	1.7	-.1	.4			1.7		.8	.7	.1	9.6		.8	.8	.1	.1		.5	.5	.5			Sept					
Total	14.4	2.9	.5	.5	2.5	1.7	13.1		18.0		3.3	14.7		1.2		1.2		1.2	1.2	1.2	.2	.6	.4	.5	12.1	.2	12.1	.2	1.0	Total					
1956	Oct	.7					.7		1.5		.6			1.5		1.4	1.4	.1	8.1		.1	.1								.1	Oct				
	Nov	.7	.1				.7		1.1	1.0	1.0			1.1		2.4	3.4		6.7		.1	.1								.1	Nov				
	Dec	.7	.3				.7		1.1	3.2			1.1		1.3	4.5		7.4		.3	.3									.3	Dec				
	Jan	.7	.2				.7		1.2	4.8			1.2		.1	4.9		8.1		.2	.2									.2	Jan				
	Feb	.7	.3				.7		1.0	6.0			1.0			5.1		8.8		.3	.3									.3	Feb				
	Mar	.8	.3				.8		1.2	7.2	.9			1.2		7.2	.1	7.5		.3	.3									.3	Mar				
	Apr	1.3	.2			.1	.1	1.3	1.4	8.1				1.4		8.1	.1	7.3		.1	.1	.1	.1			.6	.2			.6	Apr				
	May	6.0	.2	.1	.1	.4	.2	5.7	1.9	18.9				1.9		18.9	.1	11.0		.2	.2			.2		2.0	.2	2.0			May				
	June	2.1	.6	.1	.1	.6	.6	2.0	2.1	18.9				2.1		18.9	.2	10.7		.3	.3			.2	.1	2.9	.2	2.9			June				
	July	1.1	.7	.1	.1	.7	.7	1.0	2.0	10.0	.1			2.0		10.1	.2	9.4		.3	.3			.1	.2	3.4	.2	3.4			July				
Aug	.9	.2	.1	.1	.6	.4	.4	1.8	3.5	.3			1.8		3.9	.2	7.5		.4	.4	.2	.2		.2	2.6	.2	2.6			Aug					
Sept	.7	.1	.1	.1	.1	.1	.5	1.7		.4			1.7		.8	.8	.1	5.8		.8	.8	.1	.1		.5	.5	.5			Sept					
Total	16.4	3.1	.5	.5	2.5	1.8	15.2		18.0		3.3	14.7		1.0		1.0		1.3	1.3	1.2	.1	.6	.5	.5	12.1	.1	12.1	.2	1.2	Total					
1957	Oct	.7					.7		1.5		.6			1.5		1.4	1.4	.1	4.3		.1	.1								.1	Oct				
	Nov	.7	.1				.7		1.1	1.4	1.0			1.1		2.4	3.8		2.9		.1	.1								.1	Nov				
	Dec	.7	.3				.7		1.1	2.7			1.1		1.3	4.0		3.6		.3	.3									.3	Dec				
	Jan	.7	.2				.7		1.2	4.0			1.2		.1	4.1		4.3		.2	.2									.2	Jan				
	Feb	.6	.2				.6		1.0	5.2			1.0			4.3		4.9		.2	.2														

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations											Lower Brush Creek area irrigation											MONTH	YEAR						
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storeable flow of Big Brush Creek	Spills from Steinsaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinsaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinsaker Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinsaker Reservoir	Steinsaker Reservoir end-of-year content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)			Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River			Remaining flow of Brush Creek (23-25-29)					
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinsaker Reservoir spills	Steinsaker Reservoir credits	Direct pumping from Tyzack Reservoir			Shortage	Evaporation	End-of-month content			Spills	Demand	Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand					Little Brush Creek and reservoir spills	Pumping from Green River			
							Little Brush Creek	Big Brush Creek																												Steinsaker Reservoir	End-of-month content	Spills
1960	Oct	0.8						0.8		1.5	-0.2	0.6			1.5		1.4	1.2	0.1	13.4														Oct	1960			
	Nov	.6	0.1					.6		1.1	1.5	1.0			1.1		2.4	3.9		11.9		0.1	0.1									0.1	Nov					
	Dec	.6	.2					.6		1.1	2.7			1.1			1.3	4.0		12.5		.2	.2									.2	Dec					
	Jan	.6	.1					.6		1.2	3.7			1.2			.1	3.8		13.1		.1	.1									.1	Jan					
	Feb	.5	.1					.5		1.0	4.5			1.0			-.9	3.6		13.6		.1	.1									.1	Feb					
	Mar	.6	.2					.6		1.2	5.4	.9			1.2			5.4	.1	12.0		.2	.2									.2	Mar					
	Apr	1.3	.2			0.1	0.1	1.3		1.4	5.5				1.4			5.5	.1	11.8		.1	.1	0.1	0.1				.6		.6	.2	Apr					
	May	2.7	.1	0.1	0.1	.4	.1	2.3		1.9	7.7				1.9			7.7	.2	12.0					.2			2.0		2.0			May					
	June	2.4	.5	.1	.1	.6	.5	2.2		2.1	5.2				2.1			5.2	.2	11.9					.3	.1		2.9		2.9			June					
	July	1.0	.7	.1	.1	.7	.7	.9		2.0	.4	.1			2.0			.1	.5	.2	10.5				.2	.2		3.4		3.4			July					
	Aug	.9	.2	.1	.1	.6	.2	.4		1.8	.2	.3			1.8			.4	.6	.2	8.6				.2	.2		2.6		2.6			Aug					
	Sept	.6		.1	.1	.1	.1	.4		1.7		.4			1.7			.8	.8	.1	6.8				.1	.1		2.6		2.6			Sept					
	Total	12.6	2.4	.5	.5	2.5	1.6	11.2		18.0		3.3		3.3	14.7			1.2			.8	.8	1.2	.1	.6	.5	12.1		12.1		.2	.7	Total					
1961	Oct	.7						.7		1.5	-1.1	.6			1.5		1.4	1.3	.1	5.3													Oct	1961				
	Nov	.7	.1					.7		1.1	1.1	1.0			1.1		2.4	3.5		3.9		.1	.1									.1	Nov					
	Dec	.8	.3					.8		1.1	2.1			1.1			1.3	3.4		4.7		.3	.3									.3	Dec					
	Jan	.6	.1					.6		1.2	3.0			1.2			.1	3.1		5.3		.1	.1									.1	Jan					
	Feb	.5	.1					.5		1.0	3.8			1.0			-.9	2.9		5.8		.1	.1									.1	Feb					
	Mar	.6	.2					.6		1.2	4.5	.9			1.2			4.5		4.3		.2	.2									.2	Mar					
	Apr	.7	.1			.1	.1	.7		1.4	2.7				1.4			2.7	.1	3.5					.1			.6		.6			Apr					
	May	3.9	.1	.1	.1	.4	.1	3.5		1.9	6.0				1.9			6.0	.1	5.0					.2			2.0		2.0			May					
	June	2.3	.5	.1	.1	.6	.5	2.1		2.1	9.0				2.1			9.0	.1	4.9					.3	.1		2.9		2.9			June					
	July	.9	.7	.1	.1	.7	.7	.8		2.0	.9	.1			2.0			.1	1.0	.1	3.5				.3	.2		3.4		3.4			July					
	Aug	.8	.1	.1	.1	.6	.1	.2		1.8	.2	.3			1.8			.4	.6	.1	1.5				.2	.2		2.6		2.6			Aug					
	Sept	.8	.1	.1	.1	.1	.1	.7		1.7		.4			1.7			.8	.8	.1					.1	.1		2.6		2.6			Sept					
	Total	13.3	2.4	.5	.5	2.5	1.6	11.9		18.0		3.3		3.3	14.7			.7			.8	.8	1.2	.1	.6	.5	12.1		12.1		.2	.8	Total					
1962	Oct	.7						.7		1.5	2.5				.8			2.5															Oct	1962				
	Nov	.7	.1					.7		1.1	6.9				.4		-.4	6.5				.1	.1									.1	Nov					
	Dec	.6	.2					.6		1.1	9.6			1.1			-1.5	8.1		.6		.2	.2									.2	Dec					
	Jan	.5	.1					.5		1.2	11.4			1.2			-2.7	8.7		1.1		.1	.1									.1	Jan					
	Feb	.7	.3					.7		1.0	12.9			1.0			-3.7	9.2		1.8		.3	.3									.3	Feb					
	Mar	1.0	.3			.1	.1	1.0		1.2	14.7	.9			1.2		-2.8	11.9		.7		.3	.3									.3	Mar					
	Apr	5.3	.5			.1	.1	5.3		1.4	20.3	.7			1.4		-2.1	18.2		3.9		.4	.4	.1	.1			.6		.3	.3		Apr					
	May	14.2	.9	.1	.1	.4	.4	14.1	3.1	1.9	33.2	.9	1.9				33.2	.1	17.0		.5	.5	.2	.2				2.0		1.7			May					
	June	8.7	.8	.1	.1	.6	.6	8.6	17.9	2.1	33.2		2.1				33.2	.2	24.0	1.4	.2	1.6	.3	.2	.1	.1		2.9		1.4	1.5		June					
	July	1.7	.9	.1	.1	.7	.7	1.6		2.0	30.5	.1			2.0		.1	30.6	.3	23.2		.2	.2	.3	.2	.1	.1		3.4									

YEAR	MONTH	Upper Brush Creek area irrigation							Municipal and industrial water supply operations												Lower Brush Creek area irrigation										Water supplied to Stewart Lake Water-fowl Management Area by pumping from Green River	Remaining flow of Brush Creek (23-25-29)	MONTH	YEAR		
		Present modified flows		Area above Little Brush Creek (133 acres)		Area below Little Brush Creek (672 acres)			Storable flow of Big Brush Creek	Spills from Steinaker Reservoir (before Jensen Unit)	Municipal and industrial demand	Steinaker Reservoir end-of-month content (before Jensen Unit)	Water pumped to Steinaker Reservoir	Municipal and industrial demand met from			Accumulated credit or deficit in Steinaker Reservoir	Steinaker Reservoir end-of-month content (with Jensen Unit)	Tyzack Reservoir			Remaining flow of Little Brush Creek	Total supply available (21+22)	Nonproject class 6W lands (333 acres)			Project lands (3,277 acres)									
		Big Brush Creek near Vernal	Little Brush Creek at mouth	Demand	Demand met from Big Brush Creek	Demand	Demand met from							Steinaker Reservoir spills	Steinaker Reservoir credits	Direct pumping from Tyzack Reservoir			Evaporation	End-of-month content	Spills			Little Brush Creek and reservoir spills	Pumping from Green River	Shortage	Demand	Little Brush Creek and reservoir spills	Pumping from Green River							
							Big Brush Creek	Little Brush Creek																						Demand					Little Brush Creek and reservoir spills	Pumping from Green River
1966	Oct	1.1	0.4					1.1		1.5	30.8	0.3			1.5		1.1	31.9	0.1	21.3		0.4	0.4				0.1	0.1			0.3	Oct				
	Nov	1.2	.2					1.2		1.1	32.6				1.1		1.1	33.2		21.4		.2	.2								.2	Nov				
	Dec	.9	.3					.9	1.0	1.1	33.2		1.0	0.1			1.0	33.2		22.3		.3	.3								.3	Dec				
	Jan	.8	.3					.8	1.3	1.2	33.2		1.2				1.0	33.2		23.1		.3	.3								.3	Jan				
	Feb	.7	.3					.7	.8	1.0	33.2		.8	.2			.8	33.2		23.8		.3	.3								.3	Feb				
	Mar	.9	.3					.9	.8	1.2	33.2		.8	.4			.4	33.2	.1	24.0	0.6	.3	.9								.9	Mar				
	Apr	3.1	.2			0.1	0.1	3.1		1.4	33.2			.4	1.0			33.2	.2	24.0	1.9	.1	2.0	0.1	0.1			.6	.6		1.3	Apr				
	May	10.2	.7	0.1	0.1	.4	.4	10.1	12.8	1.9	33.2		1.9					33.2	.2	24.0	9.9	.3	10.2	.2	.2		2.0	2.0			8.0	May				
	June	1.9	.5	.1	.1	.6	.5	1.7		2.1	28.8				2.1			28.8	.3	23.3		.3			0.2	0.1	2.9	2.9					June			
	July	1.1	.6	.1	.1	.7	.6	.9		2.0	19.8	.1			2.0		.1	19.9	.3	21.8		.3			.1	.2	3.4	3.4					July			
1967	Aug	1.1	.2	.1	.1	.6	.2	.6		1.8	12.8	.3			1.8		.4	13.2	.3	20.0		.2				.2	2.6	2.6					Aug			
	Sept	.9	.2	.1	.1	.1	.1	.8		1.7	8.0	.4			1.7		.8	8.8	.2	18.5		.1	.1			.2	2.6	2.6					Sept			
	Total	23.9	4.2	.5	.5	2.5	1.9	.6	22.8	16.7	18.0		1.1	5.7	1.1	11.2				1.7	12.4		2.3	14.7	1.2	.4	.3	5	12.1	2.7	9.4	0.2	11.6	Total		
	Oct	.9	.2					.9		1.5	6.5	.6			1.5		1.4	7.9	.1	17.2		.2	.2								.1	Oct				
	Nov	.7	.2					.7		1.1	7.8	1.0			1.1		2.4	10.2		15.8		.2	.2								.2	Nov				
	Dec	.7	.3					.7		1.1	9.1			1.1			1.3	10.4		16.5		.3	.3								.3	Dec				
	Jan	.7	.3					.7		1.2	10.2			1.2			.1	10.3		17.2		.3	.3								.3	Jan				
	Feb	.6	.2					.6		1.0	11.0			1.0			-.9	10.1		17.8		.2	.2								.2	Feb				
	Mar	.7	.3					.7		1.2	11.6	.9			1.2			11.6	.1	16.3		.3	.3								.3	Mar				
	Apr	1.1	.2			.1	.1	1.1		1.4	9.9				1.4			9.9	.1	15.9		.1	.1				.6	.6					Apr			
1968	May	7.2	.1	.1	.1	.4	.1	.3		1.9	22.0				1.9			22.0	.2	20.6		.2			.2		2.0	2.0					May			
	June	12.6	.1	.1	.1	.6	.1	.5	12.0	8.0	33.2		2.1					33.2	.3	24.0	8.3		8.3	.3	.3		2.9	2.9				5.1	June			
	July	2.8	.3	.1	.1	.7	.3	.4	2.3	.4	2.0	33.2		.4		1.6		33.2	.3	24.0		.4				.1	3.4	2.9	3.2				July			
	Aug	1.5	.3	.1	.1	.6	.3	.3	1.1	1.8	28.5	.3			1.8		.3	28.8	.3	22.7		.2			.1	.1	2.6	2.6					Aug			
	Sept	1.4	.1	.1	.1	.1	.1	1.3		1.7	25.2	.4			1.7		.7	25.9	.2	21.7		.1	.1			.5	2.6	2.6					Sept			
	Total	30.9	2.6	.5	.5	2.5	1.0	1.5	28.9	8.4	18.0	3.2	2.5	3.3	12.2				1.6	8.7		1.6	10.3	1.2	.6	.4	.2	12.1	3.2	8.9	.2	6.5	Total			
	Oct	1.2						1.2		1.5	23.8	.6			1.5		1.3	25.1	.1	20.7		.1	.1								.1	Oct				
	Nov	.9						.9		1.1	25.2	1.0			1.1		2.3	27.5		19.5											.1	Nov				
	Dec	.8						.8		1.1	26.1			1.1			1.2	27.3		20.3											.2	Dec				
	Jan	.8						.8		1.2	27.1			1.2				27.1		21.1											.3	Jan				
Feb	.7	.1					.7		1.0	28.0			1.0			-.1	27.0		21.8		.1	.1								.1	Feb					
Mar	.8	.1					.8		1.2	28.8	.9			1.2			28.7	.1	20.4		.1	.1								.1	Mar					
Apr	1.1	.1			.1	.1	1.1		1.4	26.9	.1			1.4			26.9	.1	19.9							.6	.6					Apr				
May	5.6	.5	.1	.1	.4	.4	5.5		1.9	24.0				1.9			24.0	.2	23.3		.1	.1				2.0	2.0					May				
June	15.2	.5	.1	.1	.6	.5	.1	15.0	10.8	2.1	33.2		2.1				33.2	.3	24.0	14.0		14.0	.2	.1		2.9	2.9				10.8	June				
July	2.6	.5	.1	.1	.7	.5	.2	2.3	2.0	28.7	.1			2.0		.1	28.8	.3	23.9		.3	.3		.2	.1	3.4	2.9	3.4				July				
Aug	1.8	.8	.1	.1	.6	.6	1.7		1.8	25.1	.3			1.8		.4	25.5	.3	23.2		.2				.1	2.6	2.6					Aug				
Sept	1.1	.1	.1	.1	.1	.1	1.0		1.7	21.9	.4			1.7		.8	22.7	.2	21.9		.2	.2		.1	.1	2.6	2.6					Sept				
Total	32.6	2.7	.5	.5	2.5	2.2	.3	31.8	10.8	18.0	3.4	2.1	3.3	12.6				1.6	14.0		.5	14.5	1.2	.5	.5	.2	12.1	3.0	9.1	.2	11.0	Total				
1969	Oct	1.5	.1					1.5		1.5	20.6	.6			1.5		1.4	22.0	.1	21.2		.1	.1								.1	Oct				
	Nov	.9	.1					.9		1.1	22.1	1.0			1.1		2.4	24.5		20.0		.1	.1								.1	Nov				
	Dec	.8	.2					.8		1.1	23.1																									

TABLE 26--JENSEN UNIT OPERATION STUDY
Sheet 8 of 9

Annual summary
Jensen Unit operation study

[illegible]

Project Water Supply

The water developed by the Jensen Unit is divided into two parts: irrigation and municipal and industrial. The following tabulation summarizes the project water.

	<u>Acre-feet</u>
Irrigation	
Remaining demand (supplemental lands) to be supplied by the project (Col. 12, preproject study)	3,300
Less remaining demand of 6W lands	-300
Supply to new lands, 444 acres at 3.7	<u>1,600</u>
Subtotal	4,600
Municipal and industrial	<u>18,000</u>
Total	22,600

Colorado River Depletions

Colorado River streamflow depletions attributable to the Jensen Unit were estimated on an annual basis for the 1930-72 period and are shown in Table 27. The 1930-72 annual depletion averaged 15,000 acre-feet but varied from year to year depending on the amount of project water delivered and the amount of water stored or withdrawn from storage. Estimates included the depletion on the project portion of water supplied to irrigation for municipal and industrial purposes, reservoir evaporation losses, and the effect of carryover storage.

The productive farm consumption is estimated at 1.78 acre-feet per irrigable acre. The nonproductive consumptive use is estimated as 20 percent on conveyance losses of 0.55 acre-foot per acre and 20 percent on the farm losses of 1.37 acre-feet per acre, giving a total use of 2.16 acre-feet per acre, or about 60 percent of the 3.70 acre-feet per acre diversion requirement.

Table 27
Estimated Colorado River depletion
(Unit--1,000 acre-feet)

Year	Irrigation		Depletion		Change in content	Total depletion (2+3+4+5)
	Project water (1)	Productive and non- productive consump- tive use (60% x 1) (2)	on municipi- pal and in- dustrial wa- ter (80% x 8,000 + 40% x 10,000) (3)	Evapor- ation from Tyzack Reservoir (4)		
1930	3.2	1.9	10.4	1.7	-0.9	13.1
1931	8.3	5.0	10.4	1.6	-5.2	11.8
1932	3.2	1.9	10.4	1.6	5.2	19.1
1933	5.1	3.1	10.4	1.6	-2.3	12.8
1934	8.7	5.2	10.4	1.2	-8.6	8.2
1935	4.3	2.6	10.4	1.3	6.3	20.6
1936	6.6	4.0	10.4	1.2	-5.4	10.2
1937	3.0	1.8	10.4	1.4	9.7	23.3
1938	2.8	1.7	10.4	1.6	.5	14.2
1939	7.1	4.3	10.4	1.7	-4.0	12.4
1940	7.3	4.7	10.4	1.5	-3.4	13.2
1941	3.6	2.2	10.4	1.6	7.1	21.3
1942	2.4	1.4	10.4	1.7	.4	13.9
1943	5.2	3.1	10.4	1.6	-2.4	12.7
1944	2.0	1.2	10.4	1.6	2.7	15.9
1945	4.4	2.6	10.4	1.6	-2.0	12.6
1946	6.6	4.0	10.4	1.5	-6.0	9.9
1947	1.6	.9	10.4	1.6	8.5	21.4
1948	3.3	2.0	10.4	1.6	-1.3	12.7
1949	2.3	1.4	10.6	1.6	.6	14.0
1950	2.9	1.7	10.4	1.7	-.3	13.5
1951	4.6	2.8	10.4	1.6	-2.0	12.8
1952	3.2	1.9	10.4	1.6	1.5	15.4
1953	4.3	2.6	10.4	1.6	-1.2	13.4
1954	6.7	4.0	10.4	1.5	-4.4	11.5
1955	5.5	3.3	10.4	1.2	-6.1	8.8
1956	6.3	3.8	10.4	1.0	-3.8	11.4
1957	2.1	1.3	10.4	1.0	8.1	20.8
1958	5.0	3.0	10.4	1.7	5.5	20.6
1959	5.2	3.1	10.4	1.4	-4.6	10.3
1960	6.2	3.7	10.4	1.2	-8.0	7.3
1961	6.5	3.7	10.4	.7	-6.8	8.0
1962	4.5	2.7	10.4	1.1	20.2	34.4
1963	7.4	4.4	10.4	1.3	-8.4	7.7
1964	5.0	3.0	10.4	1.0	-.8	13.6
1965	1.7	1.0	10.4	1.3	11.1	23.8
1966	6.5	3.7	10.4	1.7	-3.6	12.2
1967	3.7	2.2	10.4	1.6	3.2	17.4
1968	2.9	1.7	10.4	1.6	.2	13.9
1969	4.2	2.5	10.4	1.6	-1.2	13.3
1970	3.7	2.2	10.4	1.6	.6	14.8
1971	3.3	2.0	10.4	1.6	.5	14.5
1972	4.7	2.8	10.4	1.6	-1.8	13.0
Total	197.1	118.1	309.6	63.0	-2.6	625.7
Average	4.6	2.8	10.4	1.5	-.1	14.6
Rounded						15.0

CHAPTER V

HYDROLOGIC DATA

Tyzack Dam and Reservoir

Storage reservations in Tyzack Reservoir will be made for fish and wildlife purposes, municipal and industrial purposes, irrigation, and flood control. The capacities selected are summarized in Table 28. The area and capacity tables are shown in Table 29.

Sediment storage

The results of sediment studies for Tyzack Reservoir are discussed in the report "Sedimentation Study for Tyzack Damsite, Central Utah Project, Utah" dated March 23, 1972. It was concluded in this report that the sediment deposition in the Tyzack Reservoir for a 100-year period would be 580 acre-feet. No sediment distribution studies are necessary because less than 5 percent of the total reservoir capacity will be occupied by the sediment. The depth of sediment at the dam after 100-years will be less than 10 feet, which is considered the minimum required distance from the outlet works to the streambed. No allocation for sediment will be required for the reservoir.

Evaporation losses

The evaporation rate is estimated to be the same at Tyzack Reservoir site as used in the Special Report No. 8, Utah State Agricultural College, "Consumptive Water Use and Requirements in the Colorado River Area of Utah." The yearly total evaporation of 3.31 feet was distributed over the year in the same monthly pattern as for the evaporation for Utah Lake near Lehi, Utah. Distribution by months is given in the following tabulation.

<u>Month</u>	<u>Evapora- tion rate (acre-feet) per acre)</u>
October	0.22
November	.08
December	.03
January	.03
February	.03
March	.15
April	.30
May	.44
June	.54
July	.58
August	.53
September	.38
Total	3.31

Table 28
Tyzack Reservoir
Elevations, areas, and capacities

	Elevation (m.s.l.)	Total capacity (acre-feet)	Incremental capacity (acre-feet)	Area (acres)
Top of joint-use capacity (normal water surface)	5,608.2	26,000		521
Joint-use capacity			18,000	
Top of active conservation capacity	5,560.7			
Active conservation capacity			6,000	
Top of inactive capacity (minimum water surface)	5,528.5			114
Inactive and dead storage			2,000	
Streambed	5,483.0			

Table 29
Tyzack Reservoir area-capacity

Elevation	Area (acres)	Capacity (acre-feet)
5,481.5	0	0
5,490.0	2.8	6.2
5,500.0	25.8	125.5
5,510.0	53.6	518.0
5,520.0	86.4	1,216.0
5,530.0	120.0	2,236.0
5,540.0	169.4	3,670.0
5,550.0	214.3	5,591.0
5,560.0	257.4	7,950.0
5,570.0	304.5	10,759.0
5,580.0	352.2	14,040.0
5,590.0	408.5	17,841.0
5,600.0	468.6	22,224.0
5,610.0	534.1	27,224.0
5,620.0	616.2	32,963.0
5,630.0	696.9	39,518.0
5,640.0	790.5	46,945.0
5,650.0	899.0	55,375.0

Reservoir capacity

At elevation 5,608.2 m.s.l. the reservoir has an active conservation and joint-use capacity of 24,000 acre-feet and a surface area of 521 acres.

At elevation 5,528.5 m.s.l. the reservoir has an inactive and dead capacity of 2,000 acre-feet and a surface area of 114 acres. This capacity includes 1,900 acre-feet recommended by the Fish and Wildlife Service for fish and wildlife purposes.

The economical active capacity of 24,000 acre-feet for Tyzack Reservoir was determined by using the maximum economical municipal and industrial diversion to Ashley Valley. The maximum is 18,000 acre-feet annually by an incremental analysis as presented in the Plan Formulation Appendix.

Outlet works capacity

Tyzack Reservoir will be used to supply irrigation water to the upper Brush Creek area and municipal and industrial water to the Vernal area.

In order to meet these demands the capacity for the outlet works of Tyzack Dam is based on the peaked reservoir releases as computed from the water supply operation study. The capacity is computed by adding columns 4, 7, 12, and 15. The outlet capacities required at various water surface elevations are indicated in Table 30.

The Corps of Engineers has recommended a safe channel capacity of 200 second-feet for Brush Creek in the report, "Preliminary Analysis of Benefits from Flood Control, Jensen Unit, Central Utah Project, Brush Creek, Utah," dated December 22, 1967. This flood control requirement was also considered in the design of the outlet works and spillway.

Spillway capacity

The inflow design flood study for Tyzack Reservoir is discussed in the report, "Inflow Design Flood Study, Tyzack Damsite, Jensen Unit, Central Utah Project, Utah," dated December 20, 1972. This study was approved for use in feasibility design by the Chief, Division of Planning Coordination, in a letter dated March 7, 1973.

The inflow design flood, composed of runoff from a major snowmelt in combination with a design spring rainstorm, has a peak of 15,000 second-feet and a 15-day volume of 21,930 acre-feet. The alternate inflow design flood is the maximum summer rain flood which has a peak of 18,500 second-feet with a 2-day volume of 12,300 acre-feet. A 100-year thunderstorm flood having a 24-hour volume of 1,470 acre-feet should be assumed to precede the inflow design summer rain flood by 24 hours.

Table 30
Tyzack Dam outlet works capacity

Year	Month	Total release (acre- feet)	Average release (second- feet)	Active content				
				Begin- ing of month (acre- feet)	End-of- month (acre- feet)	Average (acre- feet)	Water surface elevation (feet) ^{4/}	Peaked release (second- feet) ^{5/}
1940	August	<u>1/</u> 2,880	46	18,400	16,100	17,250	5,591.5	55
1961	September	<u>2/</u> 2,200	37	1,500		750	5,528.5	44
1962	March	<u>3/</u> 2,100	34	1,800	700	1,250	5,534.1	41
1962	April	<u>3/</u> 2,100	35	700	3,900	2,300	5,551.9	42
1961	August	<u>3/</u> 2,700	44	3,500	1,500	2,500	5,539.5	53

1/ Maximum monthly release through outlet works.

2/ Maximum monthly release through outlet works with minimum reservoir content.

3/ High monthly release through outlet works with low reservoir content.

4/ Based on end-of-month content.

5/ Average release peaked by 20 percent.

It may be possible for the inflow-design flood to occur at a time when the reservoir is full, thus the routing recommendations are that the reservoir be full to the top of the conservation storage at the beginning of the inflow design flood or joint-use capacity if joint-use flood control space is provided.

For estimating diversion during construction, the following frequency floods were computed.

<u>Recurrence interval</u>	<u>Peak discharge (c.f.s.)</u>	<u>15-day volume (acre-feet)</u>
5-year	400	8,200
10-year	480	9,500
25-year	560	10,900

Tailwater study

The completed tailwater study for Tyzack Dam is in the report entitled "Tyzack Dam Tailwater Study," dated May 18, 1972. Water surface profile elevations were computed at seven cross sections for flows of 100, 300, 500, 1,500, 3,000, 5,000, 10,000, 12,000, and 15,000 second-feet. This study was submitted to the Regional Office by letter dated May 19, 1972. Revisions to the study as recommended by the Chief, Division of Planning Coordination, were completed and forwarded to the Regional Office on November 7, 1972, and February 9, 1973. The revisions were approved by the E & R Center on March 16, 1973.

Measuring devices

A reservoir gage to determine the active content in Tyzack Reservoir will be installed in the gate control house at the dam. A permanent type measuring station with a rating section and continuous recorder will be provided to measure releases from the outlet works. Its capacity will range from 10 second-feet to the capacity of the outlet works. Rating of the spillway and provisions of a staff gage will be adequate to measure spills.

The existing U.S. Geological Survey gaging station in the reservoir area will not be needed following construction of Tyzack Reservoir.

Remote indicators

In accordance with the Chief Engineer's letter dated August 1, 1967, consideration has been given to the use of automatic and remote controls and indicators for water storage and conveyance systems within the Jensen Unit. Assuming the operator will visit the Tyzack Dam periodically, remote indicators will be installed in the gate control house to provide the following information: (1) reservoir water surface elevation and (2) streamflow below the dam.

A telephone or other form of voice communication will be installed at the gate control house at Tyzack Dam so the operator can readily contact other personnel as necessary or desirable.

Tyzack Pumping Plant and Aqueduct

Tyzack Pumping Plant will be used to pump water from the outlet works of Tyzack Reservoir to Steinaker Reservoir for municipal and industrial purposes in Ashley Valley. The annual amount of water pumped will not be greater than 18,000 acre-feet because part of the demands will be met by Steinaker Reservoir spills when they are available. The estimated distribution of this water is as follows.

<u>Month</u>	<u>Percent of demand</u>	<u>Pumping demand (acre-feet)</u>
March	11.7	2,100
April	7.8	1,400
May	10.5	1,900
June	11.6	2,100
July	11.7	2,100
August	11.7	2,100
September	11.7	2,100
October	11.7	2,100
November	11.6	2,100
Total	100.0	18,000

The maximum mean monthly amount of water pumped will be 2,100 acre-feet in March, June, July, August, September, October, and November which amounts to an average flow of 34.5 second-feet.

The rated capacity of the pumping plant and aqueduct was estimated by peaking the maximum mean monthly average of 35 second-feet by 30 percent and rounding to 50 second-feet. Assuming the pumping plant will be located below Tyzack Dam, the outlet works to the pumping plant will be designed for 50 second-feet when the reservoir is at minimum water surface elevation.

Cross drainage study

The completed cross drainage study for Tyzack Aqueduct is found in a separate report entitled, "Tyzack Aqueduct Cross Drainage, Feasibility Design, Jensen Unit, Central Utah Project," dated August 1967. It has been sent to the Chief, Division of Project Investigations.

Following the completion of the above study, the Tyzack Pumping Plant was moved to a site below the proposed Tyzack Dam, and that portion of the Tyzack Aqueduct serving as the discharge line was relocated

accordingly. Therefore, a supplement to the above report was prepared and approved by the Project Development Engineer in the Regional Office by a letter dated December 12, 1967.

Measuring devices

A flow meter or other measuring device will be installed at the head of the aqueduct leading from the Tyzack Pumping Plant to measure the amount of water being pumped.

Remote indicators

Remote indicators will be installed in the gate control house at Tyzack Dam to show the amount of water being pumped to the Tyzack Aqueduct.

Burns Pumping Plant

Burns Pumping Plant will lift water from the Green River to the Burton and Murray Ditches and Burns Bench and Sunshine Canals. The recommended discharge line capacities were based on "Standard Criteria for Determination of Irrigation Distribution System Capacities" approved by the Chief Development Engineer December 18, 1961, and revised in accordance with the Acting Chief Engineer's letter dated July 10, 1967. The discharge line capacities are summarized as shown below.

<u>Canal</u>	<u>Acreage</u>	Required rate ca- pacity in- cluding 15 percent conveyance <u>loss</u>
Burns Bench	1,529	39.0
Sunshine	1,304	33.0
Burton	406	13.4
Murray	371	<u>12.0</u>
Total		97.4

These capacities have not been rounded up to standard design capacity nor do they include any provision for wear from sediment. It was recommended that one pump with 50 percent capacity and two pumps with 25 percent capacity serve each discharge line.

The annual amount of water pumped will be 9,700 acre-feet. The monthly distribution of this water is as follows.

Month	Murray	Burton	Sun- shine	Burns Bench	Total
April	0.1	0.1	0.1	0.2	0.5
May	.1	.1	.5	.6	1.4
June	.2	.2	.5	.7	1.5
July	.4	.4	.9	1.6	3.3
August	.3	.3	.8	1.2	2.6
September	.1	.1	.1	.1	.4
October	0	0	0	0	0
Total	1.2	1.2	2.9	4.4	9.7

In addition to the project irrigation water pumped, 230 acre-feet annually of Utah Division of Wildlife Resources' water will be pumped to the Stewart Lake Waterfowl Management Area. No additional capacity will be needed in the pumps because the water will be pumped during off-peak periods. The monthly distribution of this water is as follows.

	<u>Acre-feet</u>
April	90
May	30
June	0
July	60
August	50
Total	<u>230</u>

Sediment load of Green River

In choosing pump capacities, consideration will be given to sediment carried by the Green River. Table 31 shows the U.S. Geological Survey records of sediment samples taken of Green River near Jensen for water years 1963 through 1972. The closure of Flaming Gorge Dam was made in November 1962, so these are the available records for the years that Flaming Gorge Reservoir has been in operation.

Tailwater study

The completed tailwater study for Burns Pumping Plant is in the report entitled, "Burns Bench Tailwater Study, Feasibility Design Data, Jensen Unit, Central Utah Project," dated July 1967. Water surface profile elevations were computed at seven cross sections for flows of 500, 1,000, 5,000, 10,000, 15,000, 20,000, 25,000, and 50,000 second-feet. The 100-year flood of 50,000 second-feet used in this study was based on a reconnaissance flood study of Green River near Green River, Utah, peak flows, adjusted to the gage near Jensen. The tailwater study was approved by the Chief Engineer's Office in a letter dated September 6, 1967.

Measuring devices

A flow meter or other measuring device will be installed at the head of each discharge line leading from the pumphouse to the Burton and Murray Ditches and Sunshine and Burns Bench Canals.

GREEN RIVER BASIN

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1962 to September 1963
Where no concentrations are reported, leads are estimated

Table 31
Sheet 1

Day	OCTOBER			NOVEMBER			DECEMBER		
	Suspended Sediment			Suspended Sediment			Suspended Sediment		
	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day
1.....	863	62	140	1,220	40	a 100	545	14	a 20
2.....	849	58	a 100	1,210	43	a 100	530	15	a 20
3.....	856	59	140	842	32	a 70	500	16	a 20
4.....	878	64	a 200	621	24	a 40	505	16	a 22
5.....	977	89	230	571	22	a 30	510	16	a 20
6.....	969	83	a 200	545	21	21	485	15	a 20
7.....	969	76	a 200	545	21	a 30	500	15	a 20
8.....	977	70	180	520	19	a 30	505	15	a 20
9.....	1,000	76	a 200	500	18	24	470	16	a 20
10.....	1,050	92	260	495	15	a 20	438	16	a 20
11.....	1,080	90	a 300	500	13	a 20	428	16	18
12.....	1,110	88	260	500	11	a 10	446	16	a 20
13.....	1,120	86	a 300	485	10	13	379	18	18
14.....	1,130	82	a 200	485	10	a 10	392	18	a 20
15.....	1,150	76	240	510	10	a 10	415	18	a 20
16.....	1,120	69	a 200	510	10	14	420	18	a 20
17.....	1,110	68	200	505	10	a 10	480	19	a 20
18.....	1,120	64	a 200	535	14	a 20	490	19	25
19.....	1,130	58	180	571	19	a 30	500	20	a 30
20.....	1,160	57	a 200	560	17	26	675	44	a 86
21.....	1,160	57	a 200	550	15	a 20	748	56	116
22.....	1,180	56	180	520	9	a 10	761	55	a 109
23.....	1,220	48	a 200	530	11	16	729	57	a 109
24.....	1,300	37	130	571	19	a 30	711	56	a 100
25.....	1,340	40	a 100	571	19	a 30	510	72	a 100
26.....	1,320	39	140	576	20	a 30	514	98	83
27.....	1,300	41	a 100	571	19	29	470	100	a 100
28.....	1,280	42	a 100	576	20	a 30	520	100	a 100
29.....	1,260	44	a 100	555	16	a 20	639	110	190
30.....	1,240	46	a 100	550	14	21	675	86	a 200
31.....	1,240	46	100				681	84	a 200
Total	34,458		5,580	17,800		874	16,371		1,856
Day	JANUARY			FEBRUARY			MARCH		
	Suspended Sediment			Suspended Sediment			Suspended Sediment		
	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day
1.....	705	73	140	c 850	130	300	1,150	120	a 400
2.....	693	78	a 100	c 850	130	a 300	1,070	95	270
3.....	748	82	a 200	c 850	140	a 300	807	73	a 240
4.....	c 750	87	180	969	160	c 400	746	67	a 100
5.....	c 750	86	a 200	1,010	170	460	485	44	a 60
6.....	c 750	85	a 200	1,350	530	a 1,900	490	45	a 60
7.....	c 750	84	a 200	1,230	400	a 1,400	687	62	120
8.....	c 750	83	170	1,290	450	a 1,600	705	63	a 100
9.....	c 750	84	a 200	1,340	520	a 1,900	754	40	81
10.....	c 750	86	a 200	1,290	430	a 1,500	729	45	a 90
11.....	c 750	87	a 200	1,210	310	a 1,000	705	250	480
12.....	c 750	88	a 200	1,050	150	430	675	240	a 400
13.....	c 750	90	a 200	922	150	a 400	633	230	a 400
14.....	c 750	92	a 200	1,030	150	a 400	610	220	360
15.....	c 750	95	190	1,280	140	480	627	100	a 200
16.....	c 750	98	a 200	1,260	140	a 500	645	54	94
17.....	c 750	100	a 200	1,120	56	a 200	651	55	a 100
18.....	c 750	100	a 200	1,150	68	a 200	669	57	130
19.....	c 750	100	a 200	1,140	66	200	681	59	110
20.....	c 750	110	a 200	1,190	88	a 300	699	64	120
21.....	c 750	110	a 200	1,230	110	a 400	705	90	a 200
22.....	c 750	120	240	1,190	120	390	687	87	160
23.....	c 750	110	a 200	1,190	120	a 400	863	250	a 600
24.....	c 750	100	a 200	1,160	120	a 400	969	420	a 1,100
25.....	c 750	99	200	1,160	120	a 400	993	460	1,200
26.....	c 750	87	a 200	1,220	130	430	1,630	2,600	a 11,000
27.....	c 750	75	a 200	1,190	130	a 400	2,080	6,200	35,000
28.....	c 750	62	a 100	1,100	120	360	1,700	2,100	a 9,600
29.....	c 750	50	a 100				1,630	1,200	7,500
30.....	c 750	78	a 200				1,770	1,500	a 7,200
31.....	c 750	100	a 200				2,170	1,200	a 7,000
Total	23,146		5,720	31,841		17,350	29,417		84,405

a. Computed from partly estimated concentration graph.
c. Composite period.

GREEN RIVER BASIN--Continued

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1962 to September 1963
Where no concentrations are reported, loads are estimated

Table 31
Sheet 2

Day	APRIL			MAY			JUNE		
	Suspended Sediment			Suspended Sediment			Suspended Sediment		
	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day
1.....	2,310	1,100	6,900	2,520	850	a 5,800	5,160	640	8,900
2.....	2,260	1,100	a 6,700	2,480	800	a 5,300	5,160	640	a 8,900
3.....	2,400	1,200	a 7,800	2,490	810	a 5,400	4,890	560	a 7,400
4.....	2,800	1,500	11,000	2,680	1,000	7,200	5,020	600	a 8,100
5.....	2,320	940	a 5,900	2,940	1,100	a 8,700	6,180	1,000	17,000
6.....	1,770	490	2,300	3,520	1,200	11,000	6,060	820	13,000
7.....	1,540	320	a 1,300	4,540	1,800	a 22,000	5,560	720	a 11,000
8.....	1,510	300	1,200	5,400	2,300	34,000	4,630	540	a 6,800
9.....	1,890	370	a 1,900	5,960	2,400	a 39,000	4,210	420	a 4,800
10.....	2,540	490	3,400	7,110	2,700	52,000	3,960	360	3,800
11.....	3,080	930	a 7,700	7,370	2,700	a 54,000	3,830	330	a 3,400
12.....	2,930	790	6,200	8,160	2,500	a 55,000	3,500	270	2,600
13.....	2,360	800	a 5,100	8,320	2,500	56,000	3,080	190	a 1,600
14.....	2,040	800	a 4,400	7,840	2,100	44,000	2,990	170	1,400
15.....	1,830	810	4,000	6,180	1,400	23,000	3,040	190	a 1,600
16.....	1,950	670	a 3,500	5,980	1,400	a 23,000	3,100	210	a 1,800
17.....	2,290	440	2,700	5,310	1,200	17,000	3,260	320	a 2,900
18.....	2,410	390	a 2,500	5,940	1,100	a 18,000	3,660	500	4,500
19.....	2,230	390	2,300	5,790	1,100	a 17,000	3,630	490	a 4,800
20.....	2,100	370	a 2,100	6,100	1,100	18,000	3,030	1,900	16,000
21.....	2,010	360	a 2,000	6,380	1,100	a 19,000	2,870	1,100	a 8,500
22.....	1,760	320	a 1,500	5,820	1,100	17,000	2,520	360	2,400
23.....	1,650	310	a 1,400	5,790	1,100	a 17,000	2,280	250	a 1,500
24.....	1,520	290	1,200	6,030	910	a 15,000	2,190	210	1,200
25.....	1,400	240	a 900	5,960	930	15,000	1,900	150	a 800
26.....	1,290	200	700	6,220	1,000	a 17,000	1,730	120	560
27.....	1,290	200	a 700	6,550	1,200	21,000	1,580	110	a 500
28.....	1,290	200	a 700	5,580	860	a 13,000	1,390	90	a 350
29.....	1,690	330	1,500	5,310	780	11,000	1,250	74	a 200
30.....	2,420	760	a 5,000	5,230	760	a 11,000	1,070	55	a 200
31.....				5,230	760	a 11,000			
Total	60,880		104,500	170,710		682,400	102,830		146,900
Day	JULY			AUGUST			SEPTEMBER		
	Suspended Sediment			Suspended Sediment			Suspended Sediment		
	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day	Mean discharge (cfs)	Mean concentration (ppm)	Tons per day
1.....	969	46	120	266	19	14	465	620	800
2.....	900	44	110	260	15	a 10	500	870	1,200
3.....	800	35	76	260	14	10	500	740	1,000
4.....	735	32	a 60	278	20	a 20	456	540	600
5.....	669	129	52	449	170	s 270	442	480	a 600
6.....	663	32	a 60	318	190	a 200	465	480	600
7.....	639	48	a 80	260	190	130	456	460	a 600
8.....	593	110	a 200	260	190	a 100	433	500	a 600
9.....	598	110	180	286	240	a 200	982	2,200	a 6,000
10.....	571	89	a 100	428	640	740	878	2,000	a 4,700
11.....	530	63	a 90	540	16,000	23,000	761	7,500	15,000
12.....	545	71	a 100	645	32,000	a 58,000	651	7,600	a 13,000
13.....	480	40	52	505	12,000	a 16,000	582	6,800	a 11,000
14.....	470	45	a 60	500	2,500	3,400	500	5,800	7,800
15.....	470	45	57	470	930	a 1,200	451	3,200	a 3,900
16.....	465	44	a 60	450	850	a 1,000	424	1,000	1,100
17.....	460	41	51	410	700	770	402	510	a 600
18.....	442	37	a 40	420	850	a 1,000	397	420	450
19.....	410	31	34	420	850	960	388	380	a 400
20.....	388	27	a 30	442	1,200	a 1,400	486	3,500	j 6,400
21.....	370	24	a 20	388	460	480	410	750	a 800
22.....	406	23	25	439	3,300	j 5,900	410	390	a 400
23.....	366	41	a 40	490	3,000	4,000	446	850	1,000
24.....	342	62	57	520	3,400	a 4,800	485	1,100	a 1,400
25.....	334	68	61	706	8,600	j 18,000	415	660	740
26.....	334	48	a 40	774	13,000	27,000	456	750	a 900
27.....	326	28	25	693	7,200	a 13,000	510	860	1,200
28.....	306	24	a 20	627	5,300	9,000	510	860	a 1,200
29.....	298	22	18	550	2,300	a 3,400	465	540	a 700
30.....	290	21	a 20	520	1,600	2,200	428	400	460
31.....	282	19	a 10	475	680	900			
Total	15,451		1,948	14,049		197,104	15,154		85,150

Total discharge for year (cfs-days) 532,107
Total load for year (tons) 1,333,847

a. Computed from partly estimated-concentration graph.
s. Computed for sub-dividing day.
j. Partly estimated from concentration graph for sub-dividing day.

GREEN RIVER BASIN--Continued

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1963 to September 1964
Where no concentrations are reported, loads are estimated

Table 31
Sheet 3

Day	OCTOBER			NOVEMBER			DECEMBER		
	Mean dis-charge (cfs)	Suspended Sediment		Mean dis-charge (cfs)	Suspended Sediment		Mean dis-charge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	406	320	350	415	120	130	505	180	240
2.....	384	260	270	428	120	140	500	150	200
3.....	370	240	240	460	130	160	485	150	200
4.....	388	230	240	470	160	200	495	170	230
5.....	370	210	210	485	270	350	525	180	260
6.....	346	180	170	520	410	580	604	190	310
7.....	326	160	140	566	630	960	657	170	300
8.....	314	140	120	540	1,000	1,500	545	140	210
9.....	302	120	98	545	2,400	3,000	515	130	180
10.....	290	110	86	1,100	5,400	16,000	598	160	260
11.....	290	100	78	1,000	2,900	7,800	571	230	350
12.....	306	99	82	657	1,800	3,200	582	300	470
13.....	306	100	83	627	980	1,700	1,400	390	1,500
14.....	302	100	82	576	440	1,680	1,730	500	2,300
15.....	298	100	80	560	260	390	2,090	600	3,400
16.....	294	98	78	593	260	420	1,770	670	3,200
17.....	306	96	79	669	260	470	1,460	660	2,600
18.....	310	94	79	723	260	510	1,370	620	2,300
19.....	322	95	83	711	240	460	1,340	370	2,100
20.....	334	95	86	615	220	360	1,370	540	2,000
21.....	322	95	83	576	200	310	1,340	540	2,000
22.....	338	96	88	663	180	320	1,160	530	1,700
23.....	350	96	91	693	160	300	1,100	550	1,600
24.....	354	97	93	699	160	300	1,100	540	1,600
25.....	362	99	97	669	180	320	1,150	520	1,600
26.....	388	100	100	687	220	410	1,270	500	1,700
27.....	392	100	110	699	280	530	1,290	480	1,700
28.....	402	110	120	794	300	640	1,190	460	1,500
29.....	406	110	120	645	280	490	1,000	460	1,200
30.....	420	110	120	560	230	350	1,160	430	1,300
31.....	424	120	140				1,240	410	1,400
Total	10,722		3,896	18,945		43,480	32,112		39,910
Day	JANUARY			FEBRUARY			MARCH		
	Mean dis-charge (cfs)	Suspended Sediment		Mean dis-charge (cfs)	Suspended Sediment		Mean dis-charge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	1,250	390	1,300	1,250	310	1,000	1,280	200	600
2.....	1,140	370	1,100	1,280	300	1,000	1,180	190	600
3.....	1,100	350	1,000	1,240	300	1,000	985	180	480
4.....	969	340	890	1,210	320	1,000	945	170	430
5.....	1,000	340	920	1,210	340	1,100	977	160	420
6.....	1,000	360	970	1,290	370	1,300	953	150	390
7.....	1,140	370	1,100	1,260	400	1,400	900	160	390
8.....	1,150	390	1,200	1,260	420	1,400	945	180	460
9.....	1,050	420	1,200	1,320	430	1,500	930	200	500
10.....	1,220	440	1,400	1,340	430	1,600	961	230	600
11.....	1,290	470	1,600	1,330	430	1,500	945	260	660
12.....	1,210	520	1,700	1,390	430	1,600	993	280	750
13.....	1,150	590	1,800	1,740	420	2,000	985	300	800
14.....	1,170	650	2,100	1,410	400	1,500	961	330	860
15.....	1,200	710	2,300	1,270	390	1,300	953	360	930
16.....	1,260	780	2,600	1,330	380	1,400	945	450	1,100
17.....	1,380	840	3,100	1,370	390	1,400	977	580	1,500
18.....	1,590	910	3,900	1,310	400	1,400	1,060	620	1,800
19.....	1,420	810	3,100	1,380	420	1,600	1,030	580	1,600
20.....	1,400	560	2,100	1,250	440	1,500	969	550	1,400
21.....	1,420	440	1,700	1,160	460	1,400	1,000	500	1,400
22.....	1,250	450	1,500	1,360	480	1,800	1,000	420	1,100
23.....	1,160	430	1,300	1,330	470	1,700	985	330	880
24.....	1,070	410	1,200	1,340	400	1,400	977	260	690
25.....	1,080	370	1,100	1,340	290	1,000	977	240	630
26.....	1,190	300	960	1,290	220	770	985	240	640
27.....	1,150	240	740	1,260	210	710	1,070	250	720
28.....	1,140	240	740	1,260	220	750	1,130	280	850
29.....	1,180	270	860	1,320	210	750	1,170	310	980
30.....	1,220	300	990				1,230	350	1,200
31.....	1,220	310	1,000				1,330	410	1,500
Total	37,169		47,470	38,100		37,780	31,728		26,990

GREEN RIVER BASIN--Continued

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1963 to September 1964
Where no concentrations are reported, loads are estimated

Table 31
Sheet 4

Day	APRIL			MAY			JUNE		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	1,530	530	2,200	3,060	2,100	17,000	10,200	980	27,000
2.....	1,650	690	3,100	3,830	2,100	22,000	9,370	1,000	25,000
3.....	1,970	840	4,500	4,960	2,500	33,000	8,590	1,000	23,000
4.....	1,890	980	5,000	5,700	3,000	46,000	8,570	1,000	23,000
5.....	1,660	1,100	4,900	5,100	3,100	43,000	8,680	980	23,000
6.....	1,850	1,300	6,500	3,810	2,400	25,000	8,840	960	23,000
7.....	1,770	1,400	6,700	3,500	1,600	15,000	9,060	940	23,000
8.....	1,570	1,800	7,600	3,470	1,400	13,000	9,010	940	23,000
9.....	1,990	2,300	12,000	3,300	1,300	12,000	10,800	950	28,000
10.....	1,820	2,400	12,000	3,680	1,300	13,000	12,200	970	32,000
11.....	1,840	2,200	11,000	3,760	1,300	13,000	10,200	990	27,000
12.....	1,930	2,100	11,000	3,580	1,500	14,000	9,170	1,000	25,000
13.....	2,020	2,400	13,000	4,410	1,800	21,000	8,780	960	23,000
14.....	2,230	2,900	17,000	4,930	2,300	31,000	8,050	770	17,000
15.....	1,980	3,400	18,000	5,160	3,300	46,000	7,840	520	11,000
16.....	1,720	3,900	18,000	7,310	4,600	91,000	8,220	430	9,500
17.....	1,690	4,400	20,000	9,060	5,400	130,000	7,970	580	12,000
18.....	2,200	4,900	29,000	10,600	4,900	140,000	8,190	710	16,000
19.....	3,130	5,300	45,000	10,900	3,800	110,000	8,080	710	15,000
20.....	3,440	5,700	53,000	12,600	3,000	110,000	7,810	680	14,000
21.....	3,360	6,100	55,000	14,300	2,800	110,000	6,600	630	11,000
22.....	4,210	6,000	68,000	15,400	2,800	120,000	6,280	630	11,000
23.....	3,300	5,100	45,000	15,900	2,800	120,000	6,520	730	13,000
24.....	3,030	3,800	31,000	16,100	2,800	120,000	6,880	810	15,000
25.....	3,260	2,900	26,000	15,400	2,500	100,000	6,880	770	14,000
26.....	3,630	2,600	25,000	14,500	2,100	82,000	6,380	680	12,000
27.....	4,100	2,600	29,000	14,400	1,700	66,000	5,980	620	10,000
28.....	3,550	2,500	24,000	14,200	1,300	50,000	6,520	560	9,900
29.....	2,940	2,400	19,000	13,100	1,000	35,000	6,700	560	10,000
30.....	2,670	2,300	17,000	12,800	950	33,000	6,780	680	12,000
31.....				11,600	970	30,000			
Total	73,930		638,500	271,420		1,811,000	245,150		537,400
Day	JULY			AUGUST			SEPTEMBER		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	7,600	780	16,000	2,990	200	1,600	1,490	460	1,800
2.....	6,920	750	14,000	3,010	190	1,500	2,180	400	2,400
3.....	6,420	650	11,000	2,330	250	1,600	2,430	250	1,640
4.....	5,960	560	9,000	2,780	420	3,200	2,310	180	1,100
5.....	5,270	510	7,300	2,890	530	4,100	2,210	160	950
6.....	4,750	500	6,400	2,890	400	3,100	1,860	190	950
7.....	4,730	520	6,600	2,710	230	1,700	1,270	240	820
8.....	5,230	490	6,900	3,060	190	1,600	754	200	410
9.....	4,960	440	5,900	3,040	220	1,800	945	160	410
10.....	4,610	430	5,400	2,200	240	1,400	2,280	220	1,400
11.....	4,330	410	4,800	2,540	220	1,500	2,270	220	1,300
12.....	3,950	370	3,900	2,720	190	1,400	2,250	150	910
13.....	3,660	440	4,300	2,780	170	1,300	1,960	120	640
14.....	4,190	730	8,300	2,580	160	1,100	1,560	110	460
15.....	4,670	990	12,000	2,620	150	1,100	1,440	110	430
16.....	4,320	950	11,000	2,660	140	1,000	2,230	140	840
17.....	3,710	770	7,700	2,460	180	1,200	2,170	170	1,000
18.....	3,260	600	5,300	2,330	330	2,100	2,210	160	950
19.....	3,400	430	3,900	1,900	450	2,300	2,410	150	980
20.....	2,830	290	2,200	1,980	2,600	14,000	2,490	170	1,100
21.....	2,800	210	1,600	2,090	6,200	35,000	2,320	210	1,300
22.....	2,790	180	1,400	2,070	6,200	35,000	2,690	240	1,700
23.....	2,890	200	1,600	2,160	3,200	19,000	2,940	270	2,100
24.....	3,700	240	2,400	2,010	940	5,100	3,030	290	2,400
25.....	3,900	250	2,600	2,130	170	980	3,300	300	2,700
26.....	2,830	230	1,800	2,020	150	820	3,300	300	2,700
27.....	2,380	220	1,400	1,940	150	790	3,550	290	2,800
28.....	3,240	210	1,800	1,930	190	990	4,870	290	3,800
29.....	3,280	220	1,900	1,920	240	1,200	3,470	290	2,700
30.....	3,060	230	1,900	1,800	250	1,200	3,650	310	3,100
31.....	2,990	220	1,800	1,540	330	1,400			
Total	128,630		172,100	74,080		150,080	71,839		45,790
Total discharge for year (cfs-days)									1,033,825
Total load for year (tons)									3,554,356

GREEN RIVER BASIN --Continued

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1965 to September 1966
Where no concentrations are reported, loads are estimated

Table 31
Sheet 5

Day	OCTOBER			NOVEMBER			DECEMBER		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	3,300	1,300	12,000	1,550	--	300	2,900	280	2,200
2.....	3,300	1,300	12,000	1,680	--	400	3,090	580	4,800
3.....	3,020	1,000	8,200	1,840	--	500	3,040	540	4,400
4.....	2,230	430	2,600	2,050	140	770	3,000	520	4,200
5.....	2,150	400	2,300	1,820	98	480	3,140	220	1,900
6.....	2,220	430	2,600	1,750	91	430	3,050	170	1,400
7.....	2,410	400	2,600	1,880	100	510	3,140	220	1,900
8.....	2,210	220	1,300	2,090	150	850	3,230	320	2,800
9.....	2,340	240	1,500	1,790	95	460	3,290	370	3,300
10.....	2,580	360	2,500	1,860	94	470	3,360	370	3,400
11.....	2,640	560	4,000	1,900	97	500	3,390	380	3,500
12.....	2,560	460	3,200	1,860	70	350	3,380	380	3,500
13.....	2,590	490	3,400	1,880	73	370	2,070	300	1,700
14.....	2,740	730	5,400	2,770	350	2,800	2,880	360	2,800
15.....	2,600	510	3,600	3,050	510	4,200	3,270	370	3,300
16.....	2,590	490	3,400	3,040	500	4,100	2,930	370	2,900
17.....	2,560	430	3,000	2,700	320	2,300	2,850	360	2,800
18.....	2,650	210	1,500	2,800	370	2,800	2,660	360	2,600
19.....	2,600	200	1,400	3,600	550	5,300	2,680	360	2,600
20.....	2,620	200	1,400	3,680	560	5,600	2,650	360	2,600
21.....	2,660	--	3,000	3,730	580	5,800	2,720	370	2,700
22.....	2,800	--	4,000	3,720	580	5,800	2,950	360	2,900
23.....	2,850	--	4,000	3,700	560	5,600	2,850	360	2,800
24.....	2,740	--	4,000	3,680	560	5,600	1,700	260	1,200
25.....	3,320	--	9,000	3,730	580	5,800	1,220	200	660
26.....	2,170	--	1,000	3,540	500	4,800	1,290	--	900
27.....	1,340	--	200	3,410	460	4,200	1,290	--	900
28.....	1,270	--	200	3,520	490	4,700	1,330	--	900
29.....	1,610	--	300	3,230	390	3,400	1,520	--	1,000
30.....	1,460	--	300	3,120	360	3,000	1,620	--	2,000
31.....	1,620	--	400				1,620	--	2,000
Total	75,750		104,300	80,980		81,990	80,110		76,560
Day	JANUARY			FEBRUARY			MARCH		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	1,620	--	2,000	2,100	--	3,000	1,650	--	2,000
2.....	2,120	--	3,000	2,050	--	3,000	1,920	--	2,000
3.....	1,910	--	2,000	2,080	--	3,000	1,860	--	2,000
4.....	1,720	--	2,000	2,080	--	3,000	1,750	--	2,000
5.....	2,130	--	3,000	2,090	--	3,000	2,040	--	3,000
6.....	1,950	--	2,000	1,900	--	2,000	1,730	--	2,000
7.....	2,020	--	3,000	1,840	--	2,000	1,870	--	2,000
8.....	1,930	--	2,000	1,860	--	2,000	1,910	--	2,000
9.....	1,960	--	2,000	1,840	--	2,000	2,050	--	3,000
10.....	1,760	--	2,000	1,920	--	2,000	2,920	--	7,000
11.....	1,900	--	2,000	2,000	--	3,000	4,370	--	20,000
12.....	2,050	--	3,000	1,950	--	2,000	5,000	--	40,000
13.....	1,970	--	2,000	1,840	--	2,000	5,620	--	50,000
14.....	1,960	--	2,000	1,600	--	2,000	5,420	--	50,000
15.....	1,930	--	2,000	1,820	--	2,000	7,340	--	100,000
16.....	1,870	--	2,000	1,560	--	1,000	4,710	--	300,000
17.....	1,760	--	2,000	1,480	--	1,000	9,560	--	300,000
18.....	1,660	--	2,000	1,800	--	2,000	9,420	--	300,000
19.....	1,700	--	2,000	1,850	--	2,000	6,380	--	80,000
20.....	1,740	--	2,000	2,210	--	3,000	4,160	--	20,000
21.....	1,600	--	2,000	1,760	--	2,000	3,580	--	10,000
22.....	1,500	--	1,000	1,700	--	2,000	3,430	--	10,000
23.....	1,350	--	1,000	1,790	--	2,000	3,470	--	10,000
24.....	1,500	--	1,000	1,440	--	1,000	3,110	--	8,000
25.....	1,800	--	2,000	1,970	--	2,000	2,620	--	5,000
26.....	1,750	--	2,000	2,020	--	3,000	2,560	--	5,000
27.....	1,750	--	2,000	1,980	--	2,000	2,760	--	6,000
28.....	1,900	--	2,000	2,080	--	3,000	2,800	750	5,700
29.....	1,700	--	2,000				3,510	1,300	12,000
30.....	1,600	--	2,000				4,330	2,100	25,000
31.....	2,200	--	3,000				4,710	2,400	31,000
Total	56,310		64,000	52,610		62,000	123,760		1,414,700

GREEN RIVER BASIN--Continued

9.2610 GREEN RIVER NEAR JENSEN, UTAH--Continued
Suspended sediment, water year October 1965 to September 1966
Where no concentrations are reported, loads are estimated

Table 31
Sheet 6

Day	APRIL			MAY			JUNE		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	4,960	2,500	33,000	5,560	800	12,000	6,330	560	9,600
2.....	5,160	2,400	33,000	5,020	680	9,200	6,760	1,400	26,000
3.....	5,280	2,400	34,000	6,090	1,200	20,000	6,330	1,200	21,000
4.....	5,760	2,300	36,000	6,760	1,500	27,000	6,330	1,200	21,000
5.....	6,570	2,300	41,000	7,200	1,600	31,000	6,490	1,300	23,000
6.....	6,140	1,900	31,000	7,570	1,800	37,000	5,760	900	14,000
7.....	5,320	1,300	19,000	7,570	1,400	29,000	5,400	750	11,000
8.....	4,860	1,700	22,000	7,430	1,100	22,000	5,210	700	9,800
9.....	4,730	1,600	20,000	7,680	960	20,000	4,890	440	5,800
10.....	4,840	1,700	22,000	8,170	1,000	22,000	4,350	450	5,300
11.....	4,580	700	8,700	8,900	1,100	26,000	4,280	350	4,000
12.....	5,540	1,100	16,000	9,590	1,400	36,000	3,980	280	3,000
13.....	6,020	1,300	21,000	10,100	2,000	55,000	4,120	180	2,000
14.....	5,520	1,100	16,000	8,380	1,900	43,000	4,120	200	2,000
15.....	4,770	780	10,000	6,410	1,500	26,000	4,260	180	2,100
16.....	4,930	830	11,000	5,470	1,200	18,000	3,940	240	2,600
17.....	4,840	840	11,000	5,720	1,400	22,000	3,940	240	2,600
18.....	4,470	770	9,300	7,200	1,300	25,000	4,020	220	2,400
19.....	5,490	1,500	22,000	6,350	640	11,000	3,770	270	2,700
20.....	6,380	2,100	36,000	6,330	640	11,000	3,560	320	3,100
21.....	6,040	1,900	31,000	6,540	790	14,000	3,430	260	2,400
22.....	5,490	1,600	24,000	5,840	400	6,300	3,380	250	2,300
23.....	5,140	1,300	18,000	5,940	170	2,700	3,160	180	1,500
24.....	5,140	1,300	18,000	6,520	360	6,300	3,300	180	1,600
25.....	4,770	1,200	15,000	7,010	900	17,000	3,180	170	1,500
26.....	4,520	980	12,000	6,040	800	13,000	3,300	180	1,600
27.....	5,210	500	7,000	5,320	700	10,000	3,110	130	1,100
28.....	6,140	420	7,000	5,720	710	11,000	2,840	65	500
29.....	7,320	1,300	26,000	6,170	580	9,700	2,970	1,100	8,800
30.....	6,520	970	17,000	6,140	590	9,800	2,840	950	7,300
31.....				6,040	610	9,900			
Total	162,450		627,000	210,780		611,900	129,350		201,800
Day	JULY			AUGUST			SEPTEMBER		
	Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment		Mean discharge (cfs)	Suspended Sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1.....	2,680	79	570	1,900	230	1,200	2,190	73	430
2.....	2,620	110	780	1,930	270	1,400	1,870	36	180
3.....	2,480	98	660	2,000	390	2,100	1,930	36	190
4.....	2,450	97	640	2,170	460	2,700	1,880	35	180
5.....	2,440	96	630	2,170	24,000	140,000	1,870	36	180
6.....	2,380	92	590	2,140	--	100,000	1,810	39	190
7.....	2,320	88	550	2,120	--	50,000	2,060	47	260
8.....	2,270	85	520	2,170	--	10,000	1,930	--	300
9.....	2,190	46	270	2,090	--	2,000	1,950	--	400
10.....	2,050	32	180	2,230	270	1,600	2,280	--	3,000
11.....	2,020	31	170	2,300	290	1,800	2,510	--	4,000
12.....	1,970	28	150	2,390	310	2,000	2,210	--	2,600
13.....	1,980	30	160	2,350	300	1,900	2,100	--	2,000
14.....	1,920	27	140	2,410	310	2,000	2,320	--	3,000
15.....	2,020	31	170	2,230	270	1,600	2,120	--	2,000
16.....	2,090	32	180	2,140	120	690	2,520	--	4,000
17.....	1,930	38	200	2,040	140	770	2,380	--	3,000
18.....	2,000	44	240	2,170	120	700	2,460	--	4,000
19.....	2,090	300	1,700	2,300	110	680	2,420	--	3,000
20.....	2,100	560	3,200	2,410	110	720	2,870	--	6,000
21.....	2,000	520	2,800	2,410	110	720	2,830	--	5,000
22.....	2,130	240	1,400	2,040	140	770	2,780	--	5,000
23.....	2,130	240	1,400	2,230	200	1,200	2,620	--	4,000
24.....	2,130	240	1,400	2,350	220	1,400	2,630	--	4,000
25.....	1,930	63	330	2,350	220	1,400	2,670	--	4,000
26.....	1,970	390	2,100	2,650	310	2,200	1,910	--	1,000
27.....	1,980	790	4,200	2,170	51	300	1,840	--	1,000
28.....	2,050	870	4,800	1,980	45	240	1,910	--	1,000
29.....	2,020	640	3,500	1,800	39	190	2,260	--	2,000
30.....	1,920	390	2,000	1,870	77	390	2,000	--	1,000
31.....	2,000	430	2,300	2,240	110	660			
Total	66,260		37,930	67,750		333,330	67,130		66,910
Total discharge for year (cfs-days)									1,173,240
Total load for year (tons)									3,682,420

Table 31
Sheet 7

GREEN RIVER BASIN--Continued

9-2610. GREEN RIVER NEAR JENSEN, UTAH--Continued

Suspended sediment, water year October 1966 to September 1967
(Where no concentrations are reported, loads are estimated)

Day	OCTOBER			NOVEMBER			DECEMBER		
	Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1..	2260	310	1900	2200	620	3700	1640	320	1400
2..	2380	360	2300	2450	620	4100	1650	310	1400
3..	2500	380	2600	2320	560	3500	2100	420	2400
4..	2640	1200	8600	2050	72	400	2390	190	1200
5..	2510	1100	7500	1980	65	350	2280	180	1100
6..	2560	450	3100	1920	62	320	2370	--	1000
7..	2710	510	3700	1930	63	330	2370	--	1000
8..	2900	640	5000	2120	680	3900	2380	--	1000
9..	2100	420	2400	2180	730	4300	2360	--	3000
10..	2390	1100	7100	2010	260	1400	2900	--	2000
11..	2760	460	3400	1860	240	1200	2740	--	2000
12..	2850	160	1200	1960	230	1200	2190	--	900
13..	3200	4100	35000	1690	310	1400	2420	--	1000
14..	4020	5800	63000	1880	300	1500	2460	--	1000
15..	2880	3500	27000	2040	310	1700	2320	--	1000
16..	3320	4400	39000	1810	310	1500	2370	--	1000
17..	3110	4400	37000	2040	150	830	2310	--	1000
18..	2840	2300	18000	2370	200	1300	2150	--	900
19..	2270	950	5800	2120	280	1600	1680	--	500
20..	2370	1100	7000	1830	280	1400	2130	--	800
21..	2550	1300	9000	1560	120	510	2340	--	1000
22..	2850	1600	12000	1330	58	210	2340	--	1000
23..	2310	1100	6900	1750	95	450	2300	--	1000
24..	2040	890	4900	2300	150	930	2200	--	1000
25..	2130	940	5400	2100	130	740	1750	--	500
26..	2080	910	5100	2280	150	920	1450	--	300
27..	2040	890	4900	1830	170	840	1500	--	300
28..	1780	810	3900	942	150	380	1950	--	700
29..	1860	360	1800	1000	190	510	2300	--	1000
30..	2100	460	2600	1700	330	1500	2000	--	700
31..	1810	350	1700	--	--	--	1950	--	700
Total	78120	--	328800	57552	--	42920	68290	--	33800
Day	JANUARY			FEBRUARY			MARCH		
	Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1..	1800	--	500	3000	--	2000	2580	330	2300
2..	1900	--	600	3100	--	3000	2350	330	2100
3..	2050	--	800	3100	--	3000	2640	340	2400
4..	2300	--	1000	3000	--	2000	2790	330	2500
5..	2400	--	1000	2500	--	2000	2440	330	2200
6..	2650	--	2000	1900	--	2000	2090	320	1800
7..	3000	--	2000	1550	--	1000	2270	280	1700
8..	2800	--	2000	1450	--	1000	2270	280	1700
9..	2500	--	1000	1550	--	1000	2140	350	2000
10..	3000	--	2000	1610	--	900	1970	430	2300
11..	2850	--	2000	1640	180	800	2010	460	2500
12..	2600	--	2000	1620	180	790	1970	620	3300
13..	2550	--	1000	1580	160	680	1810	550	2700
14..	2500	--	1000	1610	140	610	2010	850	4600
15..	2250	--	1000	1660	110	490	2420	1500	9800
16..	2200	--	1000	1670	89	400	2710	2500	18000
17..	2400	--	1000	1680	62	280	2140	1100	6400
18..	2700	--	2000	1790	71	340	2050	920	5100
19..	2900	--	2000	2590	170	1200	2010	870	4700
20..	3000	--	2000	2300	130	810	2040	910	5000
21..	3050	--	3000	2390	140	900	2060	950	5300
22..	3050	--	3000	2680	190	1400	2490	1800	12000
23..	2500	--	1000	2700	190	1400	2530	1900	13000
24..	3000	--	2000	2640	270	1900	2420	1500	9800
25..	3050	--	3000	2660	330	2400	2350	600	3800
26..	3050	--	3000	2450	330	2200	2410	610	4000
27..	3000	--	2000	2290	320	2000	2410	610	4000
28..	2900	--	2000	2590	330	2300	2560	690	4800
29..	2800	--	2000	--	--	--	2640	760	5400
30..	2500	--	1000	--	--	--	2980	920	7400
31..	3100	--	3000	--	--	--	2800	890	6700
Total	82350	--	52900	61300	--	38800	72360	--	159300

Table 31
Sheet 8

GREEN RIVER BASIN--Continued

9-2610. GREEN RIVER NEAR JENSEN, UTAH--Continued

Suspended sediment, water year October 1966 to September 1967--Continued

Day	APRIL			MAY			JUNE		
	Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1..	3250	960	8400	2580	630	4400	13900	1300	49000
2..	3020	780	6400	3720	600	6000	13200	1200	43000
3..	3200	930	8000	4300	610	7100	12800	1200	41000
4..	3870	1500	16000	3620	560	5500	11300	1100	34000
5..	4160	1900	21000	3360	600	5400	13200	1100	39000
6..	3900	1600	17000	3250	860	7500	13600	1400	51000
7..	4410	2300	27000	3130	1200	10000	13900	1600	60000
8..	4890	2600	34000	2760	1400	10000	14000	1500	57000
9..	4370	1900	22000	2980	1100	8900	13500	1300	47000
10..	3660	1100	11000	3760	860	8700	12300	1100	37000
11..	3550	1600	15000	5670	1100	17000	11900	860	28000
12..	3710	1900	19000	7170	1600	31000	11000	660	20000
13..	3550	1900	18000	7370	1700	34000	10700	590	17000
14..	4650	1800	23000	6500	1800	32000	10500	720	20000
15..	4720	1600	20000	5660	1800	28000	10700	800	23000
16..	4040	1200	13000	5310	1800	26000	10700	700	20000
17..	3370	760	6900	5420	1900	28000	10800	560	16000
18..	3610	590	5800	5130	2000	28000	10200	460	13000
19..	4300	630	7300	5220	2100	30000	10100	400	11000
20..	4600	520	6500	6950	2200	41000	10300	440	12000
21..	4060	380	4200	8020	2200	48000	10500	680	19000
22..	3810	420	4300	9040	2300	56000	11600	970	30000
23..	3960	550	5900	9470	2400	61000	11700	1100	35000
24..	3370	690	6300	10800	2500	73000	11300	1200	37000
25..	2960	990	7900	12400	2300	77000	10200	1200	33000
26..	3180	1600	14000	12800	1700	59000	9940	1100	30000
27..	2830	2000	15000	14800	1300	52000	9790	760	20000
28..	2730	1700	13000	16400	1400	62000	9360	430	11000
29..	2350	1100	7000	15800	1400	60000	9210	320	8000
30..	2230	770	4600	15200	1400	57000	8780	330	7800
31..	--	--	--	15000	1400	57000	--	--	--
Total	110310	--	387500	233590	--	1030500	340980	--	868800
Day	JULY			AUGUST			SEPTEMBER		
	Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment		Mean discharge (cfs)	Suspended sediment	
		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day		Mean concentration (ppm)	Tons per day
1..	7620	400	8200	3290	130	1200	3660	150	1500
2..	7170	490	9500	3440	160	1500	3560	140	1300
3..	6820	540	9900	3590	210	2000	3220	130	1100
4..	6490	500	8800	3600	200	1900	2740	140	1000
5..	6060	450	7400	4220	170	1900	2820	190	1400
6..	6390	440	7600	3400	140	1300	3320	240	2200
7..	6780	450	8200	3470	300	2800	3570	280	2700
8..	6660	450	8100	3500	850	8000	3550	290	2800
9..	6360	450	7700	4030	1200	13000	3310	270	2400
10..	6680	480	8700	4460	950	11000	3220	240	2100
11..	6280	590	10000	3980	450	4800	2820	400	3000
12..	6210	660	11000	3770	260	2600	3150	970	8200
13..	5870	590	9400	2910	230	1800	3020	1300	11000
14..	5040	600	8200	3520	200	1900	3280	880	7800
15..	4680	910	11000	3660	190	1900	3340	310	2800
16..	5140	1400	19000	3530	180	1700	3240	110	960
17..	4700	1600	20000	4040	180	2000	3460	100	930
18..	4760	1300	17000	3660	180	1800	3260	96	840
19..	4470	930	11000	3000	160	1300	3440	340	3200
20..	4480	770	9300	3070	140	1200	3340	720	6500
21..	4930	670	8900	3530	130	1200	3550	610	5800
22..	4370	540	6400	3600	140	1400	3580	300	2900
23..	4020	400	4300	3580	140	1400	3800	310	3200
24..	3880	260	2700	3390	110	1000	3850	480	5000
25..	3980	190	2000	3250	86	750	3910	570	6000
26..	3740	270	2700	3390	81	740	3870	500	5200
27..	3490	350	3300	3510	87	820	3650	390	3800
28..	3530	270	2600	3230	110	960	3620	350	3400
29..	3630	160	1600	3420	160	1500	3700	340	3400
30..	3110	130	1100	3800	200	2100	3750	290	2900
31..	3290	130	1200	3720	180	1800	--	--	--
Total	160630	--	246800	110560	--	79270	102600	--	105330
Total discharge for year (cfs-days).....									1478642
Total load for year (tons).....									3384720

Table 31
Sheet 9

GREEN RIVER BASIN

9-2610. GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1967 TO SEPTEMBER 1968
(Where no concentrations are reported, loads are estimated)

(where no concentrations are reported, loads are estimated)									
OCTOBER				NOVEMBER			DECEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)
1	3470	--	2000	3830	190	2000	3300	120	1100
2	3110	160	1300	3830	--	2000	3090	--	800
3	3470	--	1000	3850	190	2000	3010	--	600
4	3410	110	1000	4100	--	2000	2970	53	420
5	3520	120	1100	4070	--	2000	3040	--	530
6	3570	580	5600	3780	130	1300	3150	74	630
7	3650	--	5000	3450	--	1000	3090	--	600
8	3210	--	3000	3620	120	1200	3140	63	530
9	2990	240	1400	3800	--	2000	3140	--	540
10	3350	--	2000	3760	190	1900	3130	--	500
11	3750	280	2800	3670	--	2000	3150	66	560
12	3640	--	3000	3710	--	1000	3170	--	480
13	3640	330	3200	3520	110	1000	3120	47	400
14	3800	--	3000	3120	93	780	3100	--	1000
15	3730	--	3000	3230	110	960	3560	--	2000
16	3900	250	2600	3230	--	900	4260	--	3000
17	3510	--	3000	3230	83	720	4300	--	4000
18	3710	290	2900	3230	--	700	4250	430	4900
19	3780	--	2000	3220	--	700	3620	--	3000
20	3820	180	1900	3240	80	700	2910	110	860
21	3830	--	2000	3280	--	800	3120	--	2000
22	4150	--	4000	3270	93	820	4230	430	4900
23	4120	330	3700	3200	--	700	4100	--	4000
24	4030	--	3000	3210	72	620	3870	--	4000
25	3980	200	2100	3250	--	600	4110	290	3200
26	3750	--	2000	3190	--	800	4040	--	3000
27	3810	240	2500	3090	75	630	4130	330	3700
28	3050	--	2000	2970	--	800	4180	--	3000
29	3340	--	2000	3070	74	610	4250	290	3300
30	3150	250	2100	3110	--	800	4290	--	3000
31	3640	--	2000	--	--	--	4390	--	3000
TOTAL	111880	--	78700	103130	--	33640	111210	--	63550

JANUARY				FEBRUARY			MARCH		
DAY	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TUNS PER DAY)
1	4340	290	3400	2820	--	1000	3170	490	4200
2	4370	--	4000	2880	--	1000	2410	--	3000
3	4330	320	3700	2900	--	1000	1970	--	3000
4	3730	--	2000	2900	--	1000	1740	480	2300
5	3460	160	1500	2730	--	900	1440	--	2000
6	4240	--	2000	2320	--	800	1800	430	2100
7	4450	--	2000	2580	--	900	1780	--	2000
8	4450	--	2000	2540	--	900	1910	430	2200
9	4410	--	2000	2300	--	800	2770	--	3000
10	4390	--	2000	2630	--	900	3020	--	2000
11	4390	--	2000	2720	--	900	2430	170	1100
12	4360	--	2000	2470	--	800	2500	--	1000
13	4380	--	2000	2830	--	1000	2710	210	1500
14	4390	--	2000	2720	--	900	2740	--	2000
15	4200	--	2000	2880	--	1000	2770	240	1800
16	3400	--	1000	2880	--	1000	2920	--	2000
17	2850	--	1000	2790	--	1000	2840	--	2000
18	2850	--	1000	2680	--	900	2420	180	1300
19	2850	--	1000	2050	--	600	2760	--	1300
20	2850	--	1000	2380	--	800	2090	180	1000
21	2850	--	1000	2440	--	800	1960	--	900
22	2850	--	1000	2680	--	900	1680	170	770
23	2850	--	1000	2980	--	1000	1650	--	800
24	2850	--	1000	2990	140	1100	1600	--	700
25	2840	--	1000	2860	--	900	1620	170	740
26	2840	--	1000	2590	110	770	1660	--	900
27	2850	--	1000	2760	--	1000	1700	210	960
28	2790	--	1000	3110	260	2200	1870	--	1000
29	2800	--	1000	1740	--	2000	1890	280	1400
30	2740	--	1000	--	--	--	1870	--	2000
31	2860	--	1000	--	--	--	1990	--	2000
TOTAL	109810	--	50600	77150	--	28770	67880	--	52970

GREEN RIVER BASIN
9-2610, GREEN RIVER NEAR JENSEN, UTAH--Continued
SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1967 TO SEPTEMBER 1968

DAY	APRIL			MAY			JUNE		
	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)
1	2000	340	1800	5140	--	20000	15900	--	50000
2	2300	--	3000	6540	--	30000	16900	--	60000
3	2620	900	6400	8420	2600	59000	17100	1400	65000
4	2970	990	7900	9650	--	60000	17000	--	50000
5	3000	830	6700	10600	--	70000	17600	840	40000
6	2630	--	3000	11600	2200	69000	17400	--	40000
7	2410	--	2000	12400	--	100000	17900	910	44000
8	2530	380	2600	13100	3400	120000	18500	--	50000
9	2750	--	4000	9680	2000	52000	18200	--	50000
10	2440	590	3900	8340	800	18000	16700	820	37000
11	2300	--	3000	8710	--	20000	14200	--	30000
12	2250	510	3100	9350	--	30000	11300	--	20000
13	2360	--	3000	10200	1700	47000	11300	--	20000
14	3090	--	6000	11300	--	50000	11100	800	24000
15	4050	1200	13000	11000	1800	53000	12000	--	30000
16	4060	--	10000	10200	--	40000	12300	--	30000
17	3710	--	10000	9370	1100	28000	11600	420	30000
18	4330	--	20000	8200	--	10000	12000	--	30000
19	5700	3400	52000	7630	--	10000	11600	830	26000
20	6060	--	50000	7140	370	7100	11600	--	30000
21	6250	--	60000	8370	--	20000	11500	--	20000
22	6200	3300	55000	9590	1200	31000	11300	--	20000
23	5530	--	30000	10500	--	40000	11700	--	30000
24	5270	1800	26000	13800	1700	63000	11000	740	22000
25	4760	--	10000	13200	--	60000	10500	--	20000
26	4510	900	11000	11600	--	40000	9570	540	14000
27	4610	--	10000	9640	1200	31000	8890	--	10000
28	4700	950	12000	9470	--	30000	9010	--	10000
29	4630	--	10000	9790	980	26000	9520	490	12000
30	4600	--	10000	12100	--	30000	9330	--	10000
31	--	--	--	14500	840	33000	--	--	--
TOTAL	114640	--	445400	311130	--	1297100	394520	--	907000
DAY	JULY			AUGUST			SEPTEMBER		
	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT CONCENTRATION (MG/L)	SEDIMENT LOAD (TONS PER DAY)
1	9520	530	14000	3080	--	700	2710	--	600
2	8960	--	8000	3690	88	880	2260	31	190
3	7910	160	3400	3820	--	2000	2230	--	200
4	7110	--	5000	3830	--	2000	3570	46	440
5	6590	390	6900	3430	--	2000	4170	--	1000
6	6760	--	7000	3750	--	3000	4120	130	1400
7	6220	--	6000	3700	410	4100	4090	--	1000
8	6220	360	6000	3950	--	3000	4040	--	1000
9	6300	--	6000	4150	140	1600	3280	29	260
10	6160	300	5000	3510	--	1000	3440	--	300
11	5800	--	5000	4560	--	20000	3550	33	320
12	5970	--	4000	4000	1600	17000	3700	150	1500
13	6200	--	4000	4200	--	20000	3610	88	860
14	5700	--	4000	4420	2800	33000	4090	--	1000
15	5540	230	3400	5180	3500	49000	4040	--	1000
16	5630	--	4000	4810	680	8800	3050	42	350
17	5660	270	4100	4670	--	7000	3000	--	300
18	5200	--	3000	4720	--	6000	2920	35	280
19	5150	210	2900	3480	400	3800	2830	--	400
20	4900	--	2000	4180	--	4000	3270	71	630
21	4510	--	2000	4560	250	3100	3770	--	1000
22	3870	130	1400	4500	--	2000	3310	--	400
23	4240	--	2000	4500	120	1500	3120	34	290
24	4840	200	2600	4470	--	1000	3260	--	300
25	4790	--	3000	4430	--	900	3780	48	490
26	3800	190	1900	4360	57	670	3500	--	1000
27	4740	--	3000	4370	--	1000	3300	190	1700
28	3910	--	3000	4370	190	2200	3450	--	2000
29	3470	320	3000	4300	--	2000	3270	--	2000
30	3840	--	2000	4200	180	2000	3310	240	2100
31	3990	--	1000	4150	--	1000	--	--	--
TOTAL	173500	--	128600	129340	--	206250	102040	--	24310
TOTAL DISCHARGE FOR YEAR (CFS-DAYS)									1806230
TOTAL LOAD FOR YEAR (TONS)									3316890

GREEN RIVER BASIN

9-2610. GREEN RIVER NEAR JENSEN, UTAH--Continued

DAILY SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1968 TO SEPTEMBER 1969

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)
1	2650	133	952	2640	64	456	3290	74	657
2	2520	27	184	2230	50	301	3050	63	519
3	2690	35	254	2720	37	272	2540	42	288
4	2530	43	294	2720	24	176	3040	21	172
5	2600	44	309	2850	44	339	3110	24	202
6	2640	44	314	2870	63	488	3070	26	216
7	2410	45	293	2880	45	350	3280	26	230
8	2370	45	288	2520	27	184	3330	27	243
9	2460	45	299	2850	39	300	3360	27	245
10	2700	106	773	2830	51	390	3360	30	272
11	2870	93	721	2720	62	455	3570	33	318
12	2970	80	642	2740	46	340	3160	76	648
13	3080	68	565	2860	29	224	3300	119	1060
14	3080	56	466	2830	66	504	2900	162	1270
15	3160	44	375	3180	103	884	3210	205	1780
16	3160	32	273	3080	103	857	3180	249	2140
17	3170	66	565	3290	104	924	3310	216	1930
18	3170	100	856	3200	104	899	2720	184	1350
19	3240	106	927	3060	109	901	2610	146	1030
20	3340	112	1010	3530	115	1100	2650	109	780
21	3310	118	1050	3270	67	592	2590	97	678
22	3270	95	839	3680	133	1320	2900	85	666
23	3320	72	645	3430	102	945	2790	73	550
24	3260	50	440	3640	70	688	2900	61	478
25	2990	28	226	3740	38	384	3170	49	419
26	3300	28	249	3690	80	797	3000	40	324
27	3290	27	240	3450	121	1130	2890	32	250
28	2490	27	182	2660	109	783	2350	59	374
29	2810	56	425	3310	97	867	2360	86	548
30	2800	85	643	3310	86	769	2500	112	756
31	2830	74	565	--	--	--	2610	122	860
TOTAL	90480	--	15864	91780	--	18619	92100	--	21253

DAY	JANUARY			FEBRUARY			MARCH		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)
1	2700	133	970	4680	253	3200	4870	325	4270
2	2140	143	826	4650	402	5050	4900	341	4510
3	2590	153	1070	4600	550	6830	4890	356	4700
4	2550	120	826	4500	318	3860	4880	215	2830
5	2740	86	636	4460	280	3370	4790	74	957
6	2350	53	336	4450	242	2910	4840	118	1540
7	2560	87	601	4460	397	4780	4850	161	2110
8	3110	121	1020	4350	386	4530	4740	205	2620
9	3020	94	766	4530	374	4570	4540	248	3040
10	3020	67	546	4550	362	4450	4570	292	3600
11	3150	114	970	4490	311	3770	4580	291	3600
12	3040	161	1320	4220	260	2960	4800	309	4000
13	3120	207	1740	4510	256	3120	4600	298	3700
14	3030	242	1980	4480	253	3060	4500	296	3600
15	3370	278	2530	4460	263	3170	3270	204	1800
16	2890	272	2120	4850	273	3570	1980	103	551
17	3440	267	2480	4860	283	3710	1690	84	383
18	4060	330	3620	4840	315	4120	1570	106	449
19	4570	393	4850	4880	353	4650	2010	295	1600
20	4040	456	4970	5020	250	3390	2120	376	2150
21	4160	630	7080	5170	147	2050	2250	469	2850
22	4810	804	10400	5160	247	3440	2500	741	5000
23	4760	692	8890	5140	348	4830	2970	1580	12700
24	4610	580	7220	5130	448	6210	3060	1820	15000
25	4670	593	7480	5130	472	6540	3140	2410	20400
26	4710	607	7720	5360	495	7160	2850	2400	18500
27	4780	620	8000	5110	402	5550	2870	2410	18700
28	4490	491	5950	4830	309	4030	3160	1760	15000
29	4540	362	4440	--	--	--	5680	2380	36500
30	4570	233	2870	--	--	--	5400	2300	33500
31	4600	104	1290	--	--	--	7150	2670	51500
TOTAL	112190	--	105517	132870	--	118880	120020	--	281660

Table 31
Sheet 12

GREEN RIVER BASIN

9-2610. GREEN RIVER NEAR JENSEN, UTAH--Continued

DAILY SUSPENDED SEDIMENT, WATER YEAR OCTOBER 1968 TO SEPTEMBER 1969

DAY	APRIL			MAY			JUNE		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)
1	7430	2740	55000	6380	87	1500	10200	574	15800
2	7200	2670	51900	7650	784	16200	9450	537	13700
3	7310	2710	53500	9300	741	18600	9090	440	10800
4	7840	3500	74100	10500	716	20300	8240	274	6100
5	8210	1490	33000	11500	702	21800	7340	200	3960
6	8130	1480	32500	12200	692	22800	6920	180	3360
7	8390	1610	36500	12900	675	23500	6180	160	2670
8	8140	2120	52500	13600	776	24500	6360	5080	87200
9	9420	2530	67100	14400	887	34500	6960	8510	160000
10	8590	1740	40200	12700	831	28500	6520	5000	88000
11	6100	820	13500	12300	813	27000	6210	2390	40100
12	6950	2130	40000	11300	770	23500	5700	572	8800
13	7330	3080	61000	12200	804	26500	4960	321	4300
14	7250	3010	58900	13100	876	31000	5120	282	3900
15	7840	2730	57800	13500	878	32000	5040	272	3700
16	8160	2450	54000	13000	798	28000	4960	254	3400
17	9190	5400	134000	11600	718	22500	4730	211	2690
18	8160	2450	54000	11200	694	21000	6500	1110	19500
19	8030	1010	16400	10300	665	18500	8050	1060	23000
20	6370	1130	19400	11600	718	22500	8550	953	22000
21	5730	905	14000	11400	715	22000	6410	867	15000
22	8050	928	18000	12400	478	16000	6750	1020	18600
23	8440	834	19000	12500	474	16000	7220	1280	25000
24	10700	2040	58500	12300	512	17000	7060	1210	23100
25	10800	2060	60100	11800	565	18000	7710	1560	32500
26	12300	3700	123000	10900	680	20000	10400	4270	120000
27	11100	2300	68900	11600	702	22000	8890	3870	92900
28	9070	878	21500	11900	694	22300	8260	2710	60400
29	7180	144	2790	12300	687	22800	7820	1540	32500
30	7170	139	2690	12800	671	23200	7450	379	7600
31	--	--	--	11700	639	20200	--	--	--
TOTAL	245990	--	1394180	362430	--	688200	215350	--	950580

DAY	JULY			AUGUST			SEPTEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	LOAD (TONS)
1	6970	389	7300	3780	1960	20000	2950	80	637
2	5630	431	6550	3960	1440	15400	2860	75	579
3	5840	425	6700	5210	483	6790	3700	49	397
4	5710	374	5600	5020	457	6190	3160	53	452
5	5400	357	5200	4950	441	5890	4190	65	735
6	5120	221	3060	4650	398	5000	4490	231	2800
7	4990	186	2510	4670	234	3000	3750	148	1500
8	5100	290	3590	4760	68	874	3620	138	1350
9	5110	297	4100	4730	72	920	3380	439	4010
10	4570	235	2900	4720	71	905	3650	720	7100
11	4420	230	2740	4290	55	637	3380	1440	13100
12	4220	206	2350	4480	116	1400	3360	2150	19500
13	4540	241	2950	4320	99	1150	3210	1730	15000
14	4250	166	1900	4530	64	783	3480	2340	22000
15	4470	204	2460	4660	43	541	2860	337	2600
16	4590	242	3000	3570	62	598	2640	158	1130
17	4280	208	2400	2990	81	654	2910	165	1300
18	3840	202	2090	3250	102	895	3130	120	1010
19	4010	203	2200	3330	82	717	3220	83	722
20	3540	214	2050	3240	61	534	3700	150	1500
21	3460	217	2030	3190	639	5500	3110	119	999
22	3760	1040	10600	3070	142	1180	2890	231	1400
23	4100	1220	13500	2940	138	1100	3370	212	1930
24	4220	1320	15000	3330	119	1250	3900	190	2100
25	3780	333	3400	3180	140	1200	3800	282	2890
26	3580	279	2700	3240	90	787	3800	341	3700
27	3240	200	1750	3280	40	354	3740	274	2770
28	2900	153	1200	2760	40	298	3650	187	1840
29	3230	203	1800	2250	40	243	3330	100	999
30	3250	199	1750	2190	37	219	3690	95	946
31	4130	3720	41500	2600	71	498	--	--	--
TOTAL	136300	--	167480	117140	--	85527	102220	--	117296

TOTAL DISCHARGE FOR YEAR (CFS-DAYS) 1-184400
TOTAL LOAD FOR YEAR (TONS) 1965054

GREEN RIVER BASIN

Table 31
Sheet 13

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3470	70	656	2880	271	2110	3040	35	287
2	3090	66	551	2600	141	990	3020	91	742
3	2850	62	477	2510	73	495	3370	234	2130
4	2380	60	386	3070	120	995	3580	110	1060
5	2190	58	343	3120	197	1660	3590	52	504
6	1970	56	298	2990	145	1170	3670	52	515
7	2690	127	922	3040	107	878	3420	53	489
8	3180	287	2460	3060	91	752	2760	53	395
9	2520	246	1670	2980	78	628	3270	147	1250
10	2760	212	1580	2450	66	437	4060	380	4170
11	2660	182	1310	2760	62	462	3950	303	3230
12	3760	156	1580	2880	58	451	3820	242	2500
13	3760	134	1360	3290	88	782	3720	226	2270
14	3680	199	1980	3390	132	1210	3820	212	2190
15	3170	162	1390	3250	126	1110	3630	198	1940
16	2510	217	1470	2790	121	911	3800	89	913
17	2500	292	1970	2640	115	820	4100	40	443
18	2360	392	2500	2930	110	870	4220	102	1160
19	2600	526	3690	3150	105	893	4080	259	2850
20	2370	706	4520	3180	101	867	4080	178	1960
21	3300	2030	18400	3150	96	816	3990	123	1330
22	3120	1920	16200	2810	92	698	4040	84	916
23	2940	1320	10500	2290	88	544	4300	58	673
24	3040	902	7400	2200	84	499	3760	40	406
25	3090	586	4890	2820	81	617	4320	90	1050
26	3230	380	3310	3150	77	655	4280	204	2360
27	3300	247	2200	2990	51	412	4200	121	1370
28	3020	274	2230	2380	34	218	3850	72	748
29	3090	304	2540	2840	34	261	3850	43	447
30	3350	335	3030	2840	34	261	3540	48	459
31	3510	370	3510	--	--	--	2540	54	370
TOTAL	91460	--	105323	86430	--	23472	115670	--	41127

DAY	JANUARY			FEBRUARY			MARCH		
	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3250	58	509	1760	59	280	2550	326	2240
2	2870	63	488	1650	37	165	2640	356	2540
3	3040	40	328	1540	32	133	2340	322	2030
4	2840	25	192	1620	28	122	2340	292	1840
5	2440	16	105	1470	31	123	2500	274	1850
6	2540	20	137	1500	34	138	2400	257	1670
7	3350	26	235	1570	36	153	2000	241	1300
8	2930	29	229	1710	38	175	2330	226	1420
9	3350	33	298	1610	40	174	1990	212	1140
10	3580	37	358	1820	42	206	2310	234	1460
11	2660	41	294	2340	132	834	2690	258	1870
12	2610	46	324	2260	80	488	2660	150	1080
13	3140	52	441	2370	48	307	2750	160	1190
14	2940	58	460	2260	67	409	2380	153	983
15	2940	54	429	2190	93	550	1860	146	733
16	2750	51	379	1800	130	632	2000	140	756
17	2580	47	327	2060	129	717	2130	112	644
18	1910	44	227	2440	128	843	2490	89	598
19	1760	42	200	2640	122	870	2600	107	751
20	1820	39	192	2630	116	824	1990	128	688
21	2100	36	204	2400	111	719	2230	141	849
22	1860	34	171	2190	106	627	1880	156	792
23	1680	33	150	2230	101	608	2060	172	957
24	1530	32	132	2690	150	1090	1800	217	1050
25	1660	32	143	2810	204	1550	2080	275	1540
26	1670	31	140	2990	235	1900	1900	247	1270
27	1830	42	208	2790	266	2000	2510	221	1500
28	1970	57	303	2780	296	2220	2500	203	1350
29	1700	77	353	--	--	--	2630	250	1780
30	1940	104	545	--	--	--	1990	415	2230
31	2300	81	503	--	--	--	2510	300	2030
TOTAL	75540	--	9004	60120	--	18857	71040	--	42131

GREEN RIVER BASIN

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

Table 31
Sheet 14

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1969 TO SEPTEMBER 1970

DAY	APRIL			MAY			JUNE		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2040	187	1030	6770	1640	30000	15000	1110	45000
2	2660	171	1230	5470	1110	16400	14700	838	33300
3	2310	156	973	4230	747	8530	12000	633	20500
4	2940	133	1060	4050	504	5510	10600	593	17000
5	2480	114	763	5230	1070	15100	10900	555	16300
6	2160	97	566	7790	2290	48200	11400	566	17400
7	3120	4500	37900	9950	2370	63700	12600	577	19600
8	3870	5910	61800	11500	2460	76400	12800	589	20400
9	4920	5530	73500	13000	1880	66000	12000	597	19300
10	4850	5170	67700	11300	1440	43900	12900	605	21100
11	5180	4040	56500	9510	1100	28200	14200	1020	39100
12	4560	3160	38900	9280	1260	31600	15900	1710	73400
13	5210	2470	34700	10400	1440	40400	18400	2900	144000
14	5460	1790	26400	12400	1560	52200	15500	2100	87900
15	4680	1300	16400	13000	1690	59300	12500	1500	50600
16	4420	799	9540	12400	1830	61300	11500	898	27900
17	3870	491	5130	10600	1980	56700	11300	537	16400
18	4020	385	4180	11800	2150	68500	10800	655	19100
19	3510	302	2860	15600	2330	98100	11100	799	23900
20	3410	237	2180	17700	2520	120000	11700	641	20200
21	4100	332	3680	18600	2100	105000	11800	514	16400
22	3720	464	4660	19200	1760	91200	11800	412	13100
23	3790	381	3900	19800	1470	78600	12100	440	14400
24	2540	313	2150	19700	1220	64900	12400	470	15700
25	3310	257	2300	18600	1020	51200	11800	496	15800
26	2420	211	1380	17300	1070	50000	11900	524	16800
27	2510	173	1170	17200	1130	52500	11800	416	13300
28	4140	2700	30200	17200	1130	52500	11800	330	10500
29	7200	3170	61600	17600	1130	53700	10800	262	7640
30	8520	2400	55200	17800	1120	53800	10300	370	10300
31	--	--	--	16000	1120	48400	--	--	--
TOTAL	117920	--	609552	400980	--	1691840	374300	--	866340
DAY	JULY			AUGUST			SEPTEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	9910	475	12700	2940	135	1070	2030	60	329
2	9030	405	9870	2670	96	692	2560	74	511
3	8300	345	7730	2400	57	369	2680	84	608
4	7750	294	6150	2500	39	263	2490	96	645
5	6710	250	4530	2500	26	176	2210	245	1460
6	6280	213	3610	2960	43	344	2180	624	3670
7	6240	302	5090	2930	72	570	1940	1590	8330
8	5930	428	6850	2880	93	723	2080	1220	6850
9	5790	381	5960	2970	121	970	2210	938	5600
10	5390	339	4930	3390	157	1440	2490	270	1820
11	5130	459	6360	3260	116	1020	2610	78	550
12	5060	622	8500	3130	86	727	3190	159	1370
13	4700	843	10700	2810	132	1000	3030	323	2640
14	4420	465	5550	2830	204	1560	2370	657	4200
15	4250	256	2940	3260	108	951	2240	240	1450
16	4050	157	1720	2740	57	422	2510	88	596
17	4030	96	1040	2130	30	173	2550	65	448
18	4170	121	1360	2450	38	251	2610	48	338
19	3950	152	1620	2950	48	382	2210	44	263
20	3650	191	1880	2820	46	350	2520	40	272
21	3220	240	2090	3480	44	413	2110	37	211
22	3510	301	2850	3020	31	253	2180	33	194
23	3720	148	1490	2570	21	146	2140	29	168
24	3580	73	706	2490	15	101	2610	26	183
25	4050	74	809	2740	25	185	2800	24	181
26	4090	74	817	3250	40	351	2690	22	160
27	3130	75	634	3550	40	383	2480	20	134
28	3040	105	862	3160	40	341	2190	18	106
29	3350	147	1330	2930	42	332	2550	31	213
30	3270	160	1410	2350	43	273	2990	53	428
31	3130	174	1470	1980	45	241	--	--	--
TOTAL	152830	--	123558	88040	--	16472	73450	--	43928
TOTAL DISCHARGE FOR YEAR (CFS-DAYS)									1707780
TOTAL SUSPENDED-SEDIMENT DISCHARGE FOR YEAR (TONS)									3591604

Table 31
Sheet 15

GREEN RIVER BASIN

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	OCTOBER			NOVEMBER			DECEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3160	25	213	1630	65	286	2010	70	380
2	2360	23	147	1610	64	278	2180	75	441
3	2330	25	157	1610	56	243	2150	60	348
4	1980	25	134	1610	47	204	1900	46	236
5	1550	26	109	1600	44	190	1750	39	184
6	1470	85	337	1560	40	168	1660	32	143
7	1540	143	595	1560	40	168	1670	26	117
8	1580	500	2130	1580	40	171	1730	30	140
9	1580	651	2780	1570	38	161	1800	34	165
10	1870	537	2710	1810	37	181	2010	38	206
11	2170	423	2710	1850	36	180	1950	42	221
12	2030	309	1690	1890	35	179	2050	46	255
13	1940	280	1470	1910	34	175	1890	50	255
14	2450	252	1670	1910	35	180	1610	50	217
15	2360	232	1480	1860	35	176	1490	40	161
16	2140	212	1220	1890	35	179	1630	23	101
17	1980	190	1020	1890	38	194	2060	24	133
18	2060	170	946	1910	42	217	2490	24	161
19	1960	150	794	1880	40	203	1970	25	133
20	1800	130	632	2330	40	252	1970	25	133
21	1870	110	555	2430	35	230	1850	25	125
22	1710	90	416	2030	30	164	1850	26	130
23	1810	73	357	1800	31	151	2280	26	160
24	1700	71	326	1970	33	176	2280	30	185
25	1760	68	323	2240	35	212	2320	40	251
26	1770	65	311	2130	42	242	2050	42	232
27	1770	60	287	2000	49	265	1640	42	186
28	1890	55	281	2030	56	307	1720	44	204
29	1910	67	346	2150	63	366	1740	45	211
30	1730	79	369	2100	69	391	2620	45	318
31	1680	65	295	--	--	--	2230	45	271
TOTAL	60110	--	26810	56340	--	6489	60550	--	6403

DAY	JANUARY			FEBRUARY			MARCH		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2390	45	290	2050	300	1660	1520	51	209
2	2060	45	250	1840	300	1490	1430	66	255
3	1650	45	200	2030	323	1770	1650	82	365
4	3000	45	365	2040	330	1820	1650	78	347
5	2700	45	328	1980	339	1810	1550	73	306
6	2600	45	316	1870	279	1410	1330	67	241
7	2550	45	310	1720	219	1020	1390	61	229
8	2600	45	316	1570	160	678	1540	56	233
9	2700	45	328	1780	130	625	1430	100	386
10	2500	45	304	2370	99	634	1420	200	767
11	2400	45	292	1720	112	520	1470	200	794
12	2350	45	286	1670	125	564	1570	250	1060
13	2600	45	316	1710	138	637	1700	500	2300
14	2300	45	279	1700	151	693	1890	500	2550
15	2300	45	279	1730	167	780	1720	657	3050
16	2500	45	304	1800	180	875	1690	500	2280
17	2200	45	267	1810	193	943	1880	425	2160
18	2500	45	304	1900	278	1430	1870	400	2020
19	2700	45	328	2010	362	1960	1530	513	2120
20	2600	45	316	1940	327	1710	2000	2600	14000
21	2710	45	329	1760	292	1390	1920	2100	10900
22	2780	45	338	1480	256	1020	1830	680	3360
23	2720	50	367	1650	170	757	2540	3300	22600
24	2400	75	486	1620	84	367	3480	3230	30300
25	2910	250	1960	1600	79	341	3130	2900	24500
26	2430	200	1310	1420	75	288	4480	4750	57500
27	2750	220	1630	1160	70	219	5080	5700	78200
28	2500	240	1620	2180	65	383	7680	8300	172000
29	2420	260	1700	--	--	--	7410	5500	110000
30	2130	280	1610	--	--	--	5430	4300	63000
31	2200	300	1780	--	--	--	5230	3850	54400
TOTAL	77150	--	19108	50110	--	27794	80440	--	662432

Table 31
Sheet 16

GREEN RIVER BASIN

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1970 TO SEPTEMBER 1971

DAY	APRIL			MAY			JUNE		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	5930	2800	44800	6340	400	6850	19900	2100	113000
2	5570	1850	27800	5940	400	6420	17200	1600	74300
3	4830	1450	18900	6740	500	9100	14300	1980	76400
4	4400	1050	12500	8530	1000	23000	12600	922	31400
5	3900	646	6800	10700	1380	39900	12100	790	25800
6	3870	554	5790	11800	1200	38200	12300	658	21900
7	4090	461	5090	10500	1090	30900	11600	526	16500
8	4670	470	5930	9570	1000	25800	11300	496	15100
9	4870	478	6290	9810	800	21200	11200	467	14100
10	5560	750	11300	10500	700	19800	11700	633	20000
11	5950	1000	16100	10900	1420	41800	12100	799	26100
12	7160	1550	30000	10100	1450	39500	12700	666	22800
13	8780	1700	40300	9250	1000	25000	12500	533	18000
14	9220	1600	39800	10200	1100	30300	12200	400	13200
15	9430	1700	43300	11900	1200	38600	12600	480	16300
16	8900	1430	34400	13100	1300	46000	13200	561	20000
17	10300	1900	52800	14200	1340	51400	14000	560	21200
18	11000	1900	56400	14800	1300	51900	14400	560	21800
19	10400	1550	43500	14400	947	36800	14700	560	22200
20	9740	900	23700	12500	900	30400	15000	560	22700
21	9110	777	19100	10500	604	17100	14600	569	22400
22	8120	1290	28300	9140	600	14800	14300	484	18700
23	7630	697	14400	8260	500	11200	14200	398	15300
24	7960	662	14200	8760	500	11800	13500	392	14300
25	7180	627	12200	10000	479	12900	13300	386	13900
26	6840	591	10900	9420	336	8550	12700	380	13000
27	7220	544	10600	9260	340	8500	12100	374	12200
28	8180	498	11000	9720	354	9290	11300	367	11200
29	7000	414	7820	11400	450	13900	11100	322	9650
30	6040	330	5380	13300	650	23300	10000	278	7510
31	--	--	--	16000	1000	43200	--	--	--
TOTAL	213850	--	659400	327540	--	787410	394700	--	750960

DAY	JULY			AUGUST			SEPTEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	9000	422	10300	2640	20	143	2650	42	301
2	8050	626	13600	2560	17	118	2670	40	288
3	7420	528	10600	2570	20	139	2710	31	227
4	7000	431	8150	2950	21	167	2750	35	260
5	6670	334	6020	3100	30	251	2730	35	258
6	6330	236	4030	2990	45	363	2400	35	227
7	5900	139	2210	2970	30	241	2470	35	233
8	5470	129	1910	2970	30	241	2780	40	300
9	5190	119	1670	2950	29	231	2930	80	633
10	5070	110	1510	2900	25	196	2890	129	1010
11	4820	100	1300	2870	25	194	2940	100	794
12	4690	90	1140	2840	25	192	2960	80	639
13	4640	95	1190	2770	22	165	3030	63	515
14	4420	99	1180	2820	25	190	2920	250	1970
15	4490	80	970	2830	25	191	2630	355	2520
16	4420	70	835	2720	25	184	2690	250	1820
17	4190	60	679	2780	25	188	2720	61	448
18	3830	50	517	2790	25	188	2700	50	365
19	3670	40	396	2760	25	186	2400	40	259
20	3460	43	402	2610	25	176	2340	25	158
21	3520	46	437	2610	25	176	2240	20	121
22	3620	44	430	2690	25	182	2130	19	109
23	3530	42	400	2580	28	195	2200	20	119
24	3390	40	366	2740	30	222	2260	20	122
25	3180	40	343	2730	31	229	2250	20	122
26	2970	37	297	2800	25	189	2250	20	122
27	3000	36	292	2650	17	122	2170	22	129
28	2860	36	278	2590	30	210	2320	20	125
29	3050	32	264	2570	40	278	2270	22	135
30	2910	28	220	2530	57	389	2110	20	114
31	2750	25	186	2740	45	333	--	--	--
TOTAL	143510	--	72122	85620	--	6469	76510	--	14443

TOTAL DISCHARGE FOR YEAR (CFS-DAYS)

TOTAL SUSPENDED-SEDIMENT DISCHARGE FOR YEAR (TONS)

1626430

3039840

Table 31
Sheet 17

GREEN RIVER BASIN

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

OCTOBER				NOVEMBER			DECEMBER		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2080	89	500	2560	49	339	4210	331	3760
2	2300	90	559	2170	82	480	3720	272	2730
3	2470	100	667	2680	73	528	4400	214	2540
4	2190	89	526	3180	80	687	3650	155	1530
5	2110	60	342	3280	87	770	3930	97	1030
6	2130	24	138	3210	70	607	3720	38	382
7	2350	29	184	3120	52	438	3950	30	320
8	2290	34	210	2480	35	234	3520	23	219
9	2220	40	240	2840	45	345	3670	40	396
10	2190	45	266	3080	55	457	3650	57	562
11	2180	50	294	2880	45	350	4040	47	513
12	2110	35	199	2840	35	268	3740	37	374
13	2410	19	124	2900	77	603	3850	27	281
14	2580	22	153	3100	119	990	3830	36	372
15	2620	24	170	2800	161	1220	3760	44	447
16	2910	38	299	2970	125	1000	3720	48	482
17	2100	51	289	3310	89	795	4140	52	581
18	1910	65	335	3670	152	1510	4080	43	474
19	1720	147	683	3760	214	2170	4040	33	360
20	2100	229	1300	3670	171	1690	3420	24	222
21	2120	206	1180	3300	129	1150	3650	55	542
22	2170	183	1070	3800	86	882	3700	86	859
23	2040	159	876	3670	106	1050	3500	46	435
24	2340	135	853	3920	126	1330	3300	37	330
25	1790	110	532	3710	155	1550	2700	80	583
26	1780	86	413	3730	185	1860	2300	123	764
27	1800	62	301	4010	214	2320	2500	166	1120
28	2710	59	432	3630	243	2380	2900	164	1280
29	3210	57	494	4010	272	2940	3200	163	1410
30	2970	54	433	3970	302	3240	3400	139	1280
31	3060	52	430	--	--	--	3500	115	1090
TOTAL	70960	--	14492	98250	--	34189	111690	--	27268

JANUARY				FEBRUARY			MARCH		
DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	3200	91	786	3390	40	366	4480	1500	18100
2	2300	67	416	3540	62	593	4340	1400	16400
3	2100	43	244	3460	42	392	4640	1700	21300
4	2300	44	273	3510	30	284	4540	1600	19600
5	3000	46	373	3400	30	275	3820	1100	11300
6	3500	44	416	3070	30	249	3890	1300	13700
7	3800	43	441	2550	30	207	4040	1400	15300
8	3200	37	320	2910	30	236	4220	2150	24500
9	2800	32	242	3320	30	269	4720	1900	24200
10	2100	26	147	3090	32	267	4220	2500	28500
11	2700	240	1750	3390	35	320	3990	1800	19400
12	3400	260	2390	4300	43	499	3670	1500	14900
13	3800	160	1640	3760	51	518	3550	1230	11800
14	3560	64	615	3040	58	476	3820	1290	13300
15	3460	47	439	3580	72	696	4450	1350	16200
16	2880	30	233	3800	85	872	4370	1020	12000
17	2220	13	78	3800	86	882	4200	695	7880
18	2510	54	366	3800	88	903	3350	650	5880
19	3020	95	775	3740	350	3530	3010	605	4920
20	3420	99	914	3700	570	5690	2660	560	4020
21	3460	102	953	3300	780	6950	2940	516	4100
22	3580	106	1020	3540	820	7840	3310	471	4210
23	3250	110	965	4580	1000	12400	2890	380	2970
24	2900	155	1210	5040	1400	19100	2680	288	2080
25	3340	190	1710	5320	1400	20100	2760	281	2090
26	3440	81	752	4540	1200	14700	2970	274	2200
27	3720	65	653	4440	1100	13200	2800	266	2010
28	3740	54	545	3200	600	5180	2770	201	1500
29	3610	43	419	4280	1400	16200	2850	136	1050
30	3560	32	308	--	--	--	2770	152	1140
31	2910	21	165	--	--	--	2880	167	1300
TOTAL	96780	--	21558	107390	--	133194	111600	--	327850

Table 31
Sheet 18

GREEN RIVER BASIN

09261000 GREEN RIVER NEAR JENSEN, UTAH--Continued

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1971 TO SEPTEMBER 1972

DAY	APRIL			MAY			JUNE		
	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	2720	150	1100	5910	200	3190	12000	452	14600
2	2710	133	973	6150	272	4520	12400	428	14300
3	2690	116	843	6740	344	6260	12600	548	18600
4	2660	106	761	6680	249	4490	12600	668	22700
5	2640	95	677	6600	154	2740	12800	788	27200
6	2680	111	803	6860	362	6700	13200	750	26700
7	3590	127	1230	7960	570	12300	13200	711	25300
8	4130	213	2380	8560	779	18000	13200	738	26300
9	5360	299	4330	9130	640	15800	13400	764	27600
10	5540	386	5770	9380	501	12700	14600	650	25600
11	5510	422	6280	9600	591	15300	15900	1500	64400
12	5590	458	6910	9830	681	18100	15100	1140	46500
13	5600	434	6560	10000	770	20800	14300	500	19300
14	5750	410	6370	10100	860	23500	13600	344	12600
15	6250	385	6500	9880	953	25400	12200	308	10100
16	6380	361	6220	9600	666	17300	10300	273	7590
17	6240	337	5680	9400	380	9640	9790	277	7320
18	5160	577	8040	9470	520	13300	8280	232	5190
19	4930	315	4190	10100	668	18200	6950	188	3530
20	4980	284	3820	10700	681	19700	6790	167	3060
21	5370	252	3650	11000	693	20600	6780	146	2670
22	5770	292	4550	11500	706	21900	6320	160	2730
23	5590	252	3800	12200	1350	44500	6220	173	2910
24	5500	133	1980	12300	600	19900	6290	148	2510
25	5270	146	2080	12100	458	15000	5740	124	1920
26	5230	158	2230	11800	316	10100	5340	99	1430
27	5430	418	6130	11600	348	10900	5070	91	1250
28	6020	677	11000	11400	380	11700	5160	83	1160
29	6160	518	8620	11100	411	12300	4880	99	1300
30	6140	359	5950	11000	443	13200	4300	87	1010
31	--	--	--	11600	475	14900	--	--	--
TOTAL	147590	--	129427	300250	--	462940	299310	--	427380

DAY	JULY			AUGUST			SEPTEMBER		
	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	4230	75	857	3720	80	804	1300	9	32
2	3760	64	650	4150	100	1120	1180	10	32
3	3460	52	486	3940	105	1120	1100	10	30
4	3850	40	416	3600	75	729	1080	10	29
5	3640	28	275	3190	70	603	1110	25	75
6	3800	24	246	3060	55	454	1060	16	46
7	4000	21	227	2590	55	385	1300	35	123
8	4140	23	257	3270	100	883	1810	35	171
9	4330	24	281	3420	70	646	1800	30	146
10	3440	26	241	3210	65	563	1740	30	141
11	3900	27	284	3320	65	583	1670	17	77
12	3850	28	291	3020	48	391	1580	10	43
13	4180	24	271	2890	50	390	1560	32	135
14	3620	20	195	2540	45	309	1670	30	135
15	3540	20	191	3060	60	496	1690	22	100
16	3780	19	194	3080	55	457	1740	25	117
17	2540	19	130	2920	60	473	1860	45	226
18	2760	24	179	3110	65	546	1550	37	155
19	3570	29	280	3170	70	599	905	25	61
20	3420	63	582	2970	60	481	974	38	100
21	3370	64	582	2540	50	343	863	35	82
22	3210	62	537	2870	60	465	849	33	76
23	3080	42	349	3230	65	567	747	35	71
24	3120	21	177	2890	60	468	759	36	74
25	3190	26	224	2790	65	490	718	37	72
26	3560	30	288	2270	65	399	683	50	92
27	3690	45	448	2170	45	264	1100	60	176
28	2960	60	480	1830	30	148	1580	80	341
29	3360	85	771	2120	45	258	1710	70	323
30	3270	70	618	1700	30	138	1860	65	326
31	3560	55	529	1660	35	157	--	--	--
TOTAL	110180	--	11536	90300	--	15728	39548	--	3609

TOTAL DISCHARGE FOR YEAR (CFS-DAYS)

TOTAL SUSPENDED-SEDIMENT DISCHARGE FOR YEAR (TUNS)

1583848

1609171

Remote indicators

Assuming the operator will visit Burns Pumping Plant periodically, indicators will be installed at the pumphouse to show the amount of water pumped to each canal.

A telephone or other form of voice communication will be installed at the pumping plant house at the Burns Pumping Plant so the operator can readily contact other personnel as necessary or desirable.