

HYDROLOGIC DATA SUMMARY  
CLEARWATER RIVER BASIN  
WATER YEAR 1973-1974

by

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&

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Project Hydrologist

## INTRODUCTION

Hydrologic monitoring of basins in the Clearwater River system has been in progress since 1971. Initial stream gaging was started on Stequaleho Creek following a landslide in its headwaters. This gaging provided supportive information for fisheries research on the landslides impact on the aquatic environment (Cedarholm and Lestelle, 1974). As fisheries research in the watershed was expended, and with initiation of research on suspended sediment and its relationship to forest harvest activities; it became necessary to expand the supporting hydrologic network. The network was finalized in the fall of 1973 and has remained stable since.

The watershed is presently equipped with five continuous water level recorders, six precipitation recorders, and two hygrothermographs maintained by the College of Forest Resources; as well as six air and water thermographs maintained by the Fisheries Research Institute. In addition to the five continuously gaged streams, 23 streams have been equipped with staff gages which are read periodically and correlated with one of the continuous stations.

This summary presents the data accumulated during wateryear 1973-1974. No attempts have been made within to analyze these data. Analysis of pertinent information will be covered in specific research reports.

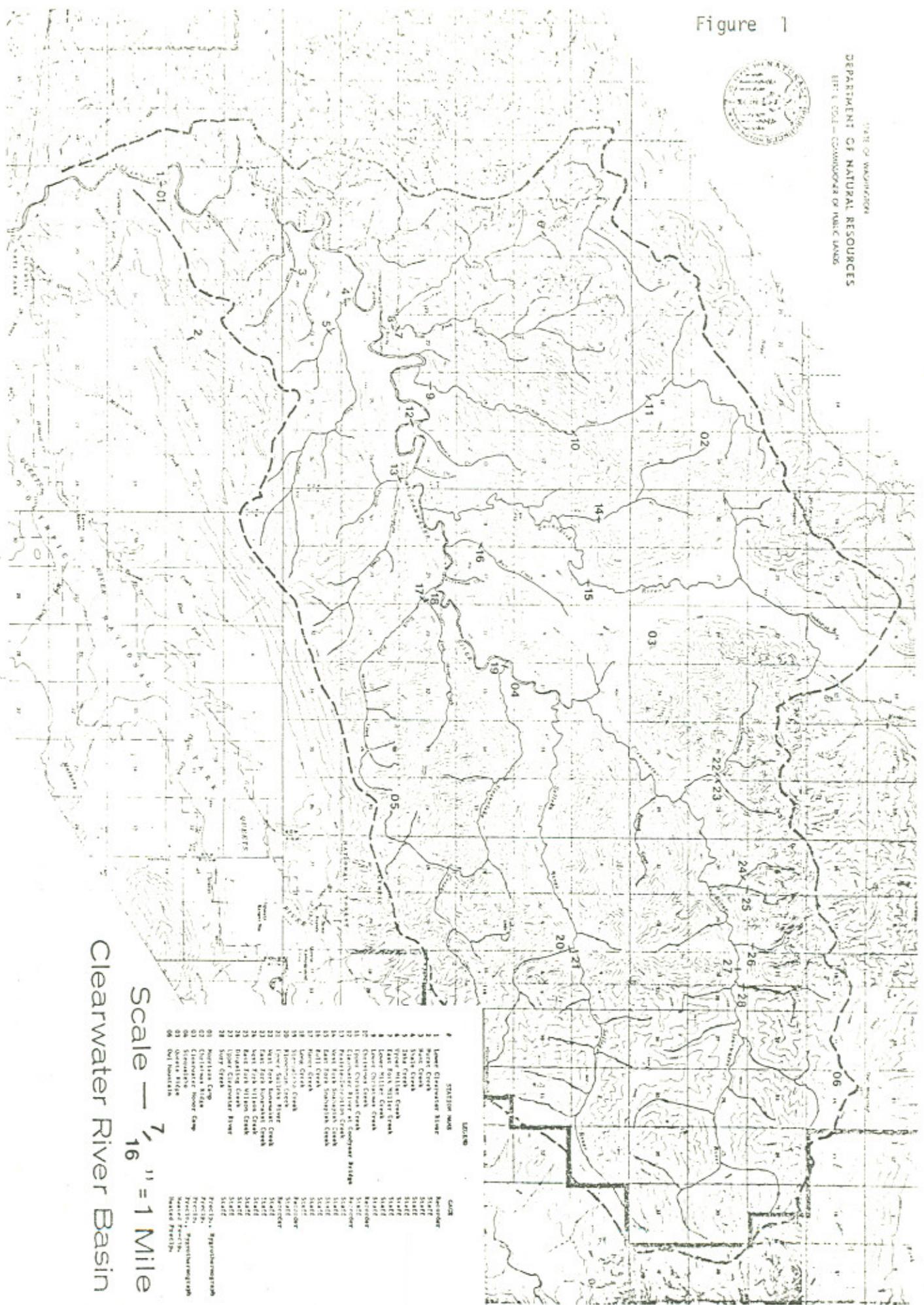
## STREAM GAGING

The five continuously monitored stations are equipped with digital punch water level recorders which record stream stage to 0.01 ft. at fifteen minute intervals. The remaining 23 streams are equipped with a wooden staff which is read periodically to 0.05 ft.. Correlation of the staff gage readings to those at a continuous station enable continuous predictions of stage for these 23 streams. Figure 1, a map of the Clearwater watershed, shows the location of all stream gages.

Streams were individually field rated for discharge (cfs) as a function of head (ft.) using standard procedures. Using data reduced from the five water level recorders and these prediction equations, discharge in cubic feet per second (cfs) and inches were generated with the aid of a computer. Summaries of mean daily discharge in cfs are enclosed as Tables 1 to 27. Hourly values in both cfs and inches are available but are not enclosed due to their bulk.

Figure 1

STATE OF WASHINGTON  
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LEGEND

- |    |                        |    |                    |
|----|------------------------|----|--------------------|
| 1  | Lower Clearwater River | 4  | Shade Creek        |
| 2  | Shade Creek            | 5  | Lower Miller Creek |
| 3  | Shade Creek            | 6  | Lower Miller Creek |
| 4  | Shade Creek            | 7  | Lower Miller Creek |
| 5  | Shade Creek            | 8  | Lower Miller Creek |
| 6  | Shade Creek            | 9  | Lower Miller Creek |
| 7  | Shade Creek            | 10 | Lower Miller Creek |
| 8  | Shade Creek            | 11 | Lower Miller Creek |
| 9  | Shade Creek            | 12 | Lower Miller Creek |
| 10 | Shade Creek            | 13 | Lower Miller Creek |
| 11 | Shade Creek            | 14 | Lower Miller Creek |
| 12 | Shade Creek            | 15 | Lower Miller Creek |
| 13 | Shade Creek            | 16 | Lower Miller Creek |
| 14 | Shade Creek            | 17 | Lower Miller Creek |
| 15 | Shade Creek            | 18 | Lower Miller Creek |
| 16 | Shade Creek            | 19 | Lower Miller Creek |
| 17 | Shade Creek            | 20 | Lower Miller Creek |
| 18 | Shade Creek            | 21 | Lower Miller Creek |
| 19 | Shade Creek            | 22 | Lower Miller Creek |
| 20 | Shade Creek            | 23 | Lower Miller Creek |
| 21 | Shade Creek            | 24 | Lower Miller Creek |
| 22 | Shade Creek            | 25 | Lower Miller Creek |
| 23 | Shade Creek            | 26 | Lower Miller Creek |
| 24 | Shade Creek            | 27 | Lower Miller Creek |
| 25 | Shade Creek            | 28 | Lower Miller Creek |
| 26 | Shade Creek            | 29 | Lower Miller Creek |
| 27 | Shade Creek            | 30 | Lower Miller Creek |
| 28 | Shade Creek            | 31 | Lower Miller Creek |
| 29 | Shade Creek            | 32 | Lower Miller Creek |
| 30 | Shade Creek            | 33 | Lower Miller Creek |
| 31 | Shade Creek            | 34 | Lower Miller Creek |
| 32 | Shade Creek            | 35 | Lower Miller Creek |
| 33 | Shade Creek            | 36 | Lower Miller Creek |
| 34 | Shade Creek            | 37 | Lower Miller Creek |
| 35 | Shade Creek            | 38 | Lower Miller Creek |

Scale —  $\frac{1}{16}$ " = 1 Mile  
 Clearwater River Basin

Discharge for the Clearwater River near its mouth is conspicuously missing. Although water level information was available, lack of an adequate bridge or cable car made measurement of discharge impossible during high flow. Without medium and high flow values, computation of a discharge rating equation for this station was not feasible.

## SUSPENDED SEDIMENT

Most of the stations at which discharge was monitored were also sampled periodically for suspended sediment. The samples were taken during storm events using an ISCO automatic water sampler. Filtering and weighing the sediments followed procedures outlined by Guy (1969).

Attempts were made to correlate suspended sediment in the upper 8 inch layer of water sampled by the automatic sampler, to suspended sediment in the entire depth profile as sampled by a depth integrated sampler. Results of the correlation were statistically poor and were not used in the construction of the enclosed tables. Tables 28 to 49, "Concentrations of Suspended Sediment", therefore reflect the fine materials suspended in the upper turbulent waters and do not include the fine sand size particles suspended near the bed. They also do not include the transported materials generally referred to as bed load.

The sediment tables contain raw, computer generated, concentrations based on a regression relating suspended sediment concentrations to discharge. Derivation of some equations was based on a limited amount of data covering a narrow discharge range. Computer extrapolation of these equations beyond this range, as was done for some of these tables, is tenuous at best. Those stations with annual suspended sediment (tons/mi<sup>2</sup>) greater than 1000 are suspect of belonging in this category.

A full outline of the methodology will be included in the final report on "Suspended Sediment Transport, Natural and Man - Induced, in Streams of the Western Olympic Peninsula". The derivation of the sediment rating equations for each stream, the construction of these tables, number of observations, and the statistical parameters of each equation used will be discussed. A closer study of these tables during analysis may require deletion of some stations for statistical reasons.

It is again noted that this is raw data disseminated for review only. Any questions should be directed to the author.

## PRECIPITATION

Precipitation falling on the watershed was measured by a system of tipping bucket rain gages. Two of the present six gages are heated for the measurement of snowfall. The location of these instruments is shown in Figure 1, the watershed map. Gages are calibrated to measure precipitation to 0.01 inches. Heated gages are equipped with 90 day continuous event recorders, the remainder with 8 day continuous recorders. Although the time and intensity of each storm event is available from these instrument charts, only total daily precipitation has been reduced. Daily precipitation for five of the six stations is summarized in Tables 50 to 54. Records for the Owl Mountain gage are not included. Instrument problems precluded any reliable winter records for that station.

## AIR TEMPERATURE AND RELATIVE HUMIDITY

The Clearwater basin is equipped with two hygrothermographs whose locations are shown with the other instruments in Figure 1. These instruments are 8 day continuous recorders. Calibration of the temperature sensor is done to the nearest 1° F. using a reliable thermometer. The hygrograph portion is calibrated periodically with a wet and dry bulb sling psychrometer. Maximums and minimums, including the time at which they occurred, and the mean; have been reduced from these records on a daily basis. The daily means only have been included in this summary as Tables 55 to 58.

## REMARKS

The information here summarized is but a small fraction of the total data collected. Much additional information is available from a more detailed reduction and analysis of the instrument charts and related data. However, limited applicability and interest, as well as the time factor, preclude its inclusion here. It is hoped that more detailed analysis will follow from the various research projects for which this collection was intended. It should also be noted that errors in these summaries, both human and instrumental undoubtedly exist. These will hopefully be corrected as the information is analyzed.

## REFERENCES

- Cedarholm, C.J. and L.C. Lestelle. 1974. Observations on the effects of landslide siltation on salmon and trout resources of the Clearwater River, Jefferson County, Washington, 1972-73. Final Report, Part I. Fisheries Research Institute, Seattle, Washington. FRI-UW-7404. 133pp.
- Guy, H.P. 1969. Laboratory theory and methods for sediment analysis. USGS Tech. of Water Res. Invest. Bk. 5 chps. C-1.

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Table 39	East Fork Snahapish Creek
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Table 41	Stequaleho Creek
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#### PRECIPITATION

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DISCHARGE  
Tables 1 - 27

HURST CREEK  
BASIN AREA = 1594

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.7	19.6	50.9	12.0	50.6	30.8	39.9	10.6	13.2	5.1	5.5	2.6
2	4.7	19.3	56.1	10.2	53.5	25.2	38.5	10.1	13.1	4.9	5.2	2.5
3	4.7	19.2	69.1	8.9	109.6	20.4	34.8	9.4	31.0	10.2	5.0	2.4
4	4.6	21.3	53.4	7.9	72.3	28.0	30.3	9.0	50.4	13.4	4.8	2.4
5	5.0	22.7	33.7	7.5	38.6	33.3	33.4	8.9	33.1	9.0	4.6	2.9
6	4.9	20.4	62.7	8.1	25.3	25.3	40.9	9.4	24.1	7.6	4.4	3.4
7	4.7	26.2	65.9	8.5	18.8	19.5	36.1	9.1	20.4	6.7	4.3	3.6
8	6.6	25.7	42.4	8.3	15.9	20.6	27.1	8.8	16.2	6.1	4.2	3.3
9	6.0	46.8	30.1	8.0	13.8	57.7	20.6	10.4	14.3	7.4	4.0	31.1
10	5.7	50.2	29.3	7.7	12.5	71.3	18.6	10.0	13.1	24.8	3.8	21.2
11	6.5	46.3	72.3	7.5	11.7	50.0	35.9	17.6	12.2	31.5	3.7	12.9
12	16.0	49.6	98.6	24.8	13.9	40.9	26.7	15.8	11.3	30.9	3.7	9.6
13	45.5	55.4	90.3	72.7	41.0	34.0	20.3	13.9	9.8	19.4	3.6	8.0
14	13.1	59.6	63.7	83.5	59.3	28.4	16.5	49.9	8.9	14.4	3.6	7.0
15	8.4	51.6	140.2	62.0	42.3	67.1	14.6	30.3	8.3	15.4	3.6	6.3
16	8.1	47.8	88.0	58.8	40.1	97.4	13.0	26.2	7.9	21.4	3.4	5.9
17	8.2	37.3	58.0	34.9	29.7	57.4	10.7	16.0	7.8	85.9	3.5	5.3
18	8.5	33.5	44.4	51.7	45.9	39.0	9.5	11.9	7.5	40.4	3.5	5.1
19	8.3	42.5	29.7	42.3	42.0	30.2	9.2	9.7	7.1	25.0	3.4	5.0
20	17.4	48.6	41.2	31.3	22.1	23.9	9.8	8.1	6.8	18.4	3.3	4.7
21	12.5	37.5	37.0	41.3	36.3	19.9	8.5	10.0	6.6	15.1	3.2	4.5
22	10.3	31.5	32.4	68.2	27.7	16.7	14.3	15.9	6.3	12.9	3.2	4.3
23	10.2	48.3	32.8	79.2	22.1	14.1	14.1	77.7	5.9	11.2	3.8	4.1
24	25.2	43.3	54.9	100.9	29.1	10.9	12.5	105.1	5.6	8.8	3.6	3.9
25	20.0	60.1	40.2	90.9	46.5	12.5	10.7	111.0	5.4	8.6	3.2	3.8
26	16.9	47.4	29.7	58.8	41.5	23.2	9.6	55.8	5.8	8.3	3.0	3.7
27	21.0	70.3	27.3	56.9	31.4	31.5	8.6	31.9	7.0	7.7	2.8	3.6
28	37.5	71.1	28.4	34.1	38.3	59.9	7.7	22.3	6.6	7.3	2.7	3.7
29	29.0	52.2	23.6	37.0		45.7	7.0	17.8	5.7	6.8	2.6	3.6
30	32.3	43.0	19.2	31.1		33.5	6.6	15.1	5.2	6.4	2.6	3.5
31	24.1		15.0	57.5		28.8		12.6		5.9	2.5	
MEAN	13.8	41.6	50.3	39.1	36.9	35.4	19.5	24.9	12.5	16.1	3.7	6.1
MAX	227.5	282.3	854.3	458.4	569.9	373.6	87.3	378.2	200.5	114.9	125.8	125.8
MIN	4.5	18.9	13.1	7.5	11.5	9.5	6.4	7.5	5.0	4.7	2.5	2.3
IN	6.4	18.6	23.3	18.1	15.4	16.4	8.7	11.5	5.6	7.4	1.7	2.7

MEAN ANNUAL FLOW (cfs) 25.0

TOTAL RUNOFF (in) 135.8

Table 1

HUNT CREEK  
BASIN AREA = 760 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.8	4.6	14.6	2.6	14.6	7.9	10.9	2.2	2.9	0.9	1.0	0.4
2	0.8	4.5	16.4	2.1	15.6	6.2	10.4	2.1	2.8	0.8	0.9	0.4
3	0.8	4.4	21.2	1.8	37.2	4.8	9.2	1.9	8.6	2.2	0.9	0.3
4	0.8	5.1	15.5	1.5	22.4	7.1	7.8	1.8	14.4	2.9	0.8	0.4
5	0.9	5.5	8.9	1.4	10.5	8.7	8.8	1.8	8.7	1.8	0.8	0.5
6	0.8	4.8	18.9	1.5	6.3	6.3	11.2	1.9	5.9	0.5	0.7	0.5
7	0.8	6.5	20.0	1.7	4.4	4.5	9.6	1.8	4.8	1.2	0.7	0.6
8	1.2	6.4	11.7	1.6	3.6	4.9	6.8	1.8	3.7	1.1	0.7	0.5
9	1.1	13.4	7.7	1.6	3.0	17.0	4.8	2.2	3.1	1.4	0.7	8.6
10	1.0	14.4	7.6	1.5	2.7	22.1	4.3	2.1	2.8	6.2	0.6	5.1
11	1.2	13.0	22.5	1.4	2.5	14.3	9.6	4.0	2.6	8.2	0.6	2.9
12	3.9	14.1	32.6	6.6	3.1	11.2	6.7	3.5	2.4	8.0	0.6	1.9
13	12.0	16.1	29.3	22.5	11.5	9.0	4.8	3.1	2.0	4.5	0.6	1.6
14	2.8	17.7	19.2	26.8	17.6	7.2	3.7	14.4	1.8	3.2	0.6	1.3
15	1.6	14.8	50.7	18.6	11.7	21.1	3.2	7.8	1.6	3.5	0.6	1.2
16	1.6	13.5	28.6	17.4	11.0	32.1	2.8	6.6	1.5	5.2	0.5	1.1
17	1.6	10.0	17.1	9.3	7.6	16.9	2.2	3.6	1.5	28.1	0.6	1.0
18	1.7	8.8	12.4	15.2	12.9	10.6	1.9	2.5	1.4	11.1	0.6	0.9
19	1.6	11.9	7.6	11.7	11.6	7.8	1.8	2.0	1.4	6.2	0.5	0.9
20	4.0	13.8	10.9	8.1	5.3	5.8	2.0	1.7	1.3	4.3	0.5	0.8
21	2.7	10.1	9.9	11.6	9.7	4.7	1.7	2.1	1.2	3.3	0.5	0.7
22	2.1	8.1	8.4	20.9	7.0	3.8	3.2	3.7	1.2	2.8	0.5	0.7
23	2.1	13.8	8.6	25.0	5.3	3.1	3.1	24.6	1.1	2.4	0.6	0.7
24	6.3	12.3	16.3	33.6	7.7	2.3	2.7	35.2	1.0	1.7	0.6	0.6
25	4.7	17.8	11.0	30.0	13.1	2.7	2.2	37.6	0.9	1.7	0.5	0.6
26	3.8	13.3	7.6	17.4	11.4	5.6	1.9	16.4	1.1	0.6	0.5	0.6
26	5.1	21.7	6.9	16.9	8.2	8.2	1.7	8.3	1.4	1.5	0.4	0.6
28	10.1	22.0	7.2	9.0	10.4	17.9	1.5	5.4	1.4	1.4	0.4	0.6
29	7.4	15.0	5.7	9.9		12.8	1.3	4.1	1.1	1.3	0.4	0.6
30	8.4	11.9	4.5	8.0		8.8	1.2	3.3	1.0	1.2	0.4	0.6
31	5.9		3.3	17.0		7.3		2.7		1.1	0.4	
MEAN	3.2	11.7	14.9	11.4	10.3	9.8	4.8	6.8	2.9	3.9	0.6	1.2
MAX	27.7	33.2	80.8	48.7	58.2	41.2	12.6	41.7	24.8	39.4	1.1	16.9
MIN	0.7	4.2	2.8	1.4	2.5	2.0	1.2	1.6	0.9	0.8	0.4	0.3
IN	3.1	10.9	14.4	11.1	9.0	9.5	4.5	6.6	2.7	3.8	0.6	1.2

MEAN ANNUAL FLOW (cfs) 6.8

TOTAL RUNOFF (in) 77.4

Table 2

SHALE CREEK  
BASIN AREA = 3900 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.6	33.2	125.4	30.3	118.8	94.8	124.8	23.3	27.7	6.1	9.1	4.6
2	4.4	32.4	142.7	24.7	124.5	76.8	119.9	20.4	26.3	5.6	8.5	4.6
3	4.5	32.0	190.7	21.1	234.4	61.7	107.8	17.5	51.5	13.1	8.2	10.5
4	4.3	37.5	133.3	18.1	161.9	86.2	93.3	15.6	86.4	11.5	7.7	5.1
5	4.9	40.8	70.6	17.3	94.3	103.0	103.4	15.1	70.3	7.7	7.2	2.5
6	4.8	35.1	168.8	18.8	66.1	77.3	128.1	17.3	54.6	6.6	6.8	2.5
7	4.5	49.5	179.7	19.8	62.8	58.6	112.4	15.9	44.6	6.0	6.6	2.5
8	7.0	48.2	97.0	19.1	61.4	62.3	83.1	14.8	36.5	5.9	6.3	39.0
9	6.3	115.5	60.3	18.1	51.0	182.4	61.9	22.3	31.0	11.6	6.0	25.7
10	5.9	123.6	59.4	17.3	43.1	229.6	55.7	27.9	26.8	46.4	5.8	12.7
11	7.0	109.6	205.2	17.1	37.9	157.8	111.5	38.9	23.7	51.0	5.5	8.1
12	29.5	120.6	313.2	76.5	40.0	127.8	81.7	36.6	21.0	45.2	5.3	6.3
13	102.6	140.0	276.9	295.8	88.3	105.5	61.0	34.0	18.6	29.1	5.1	5.2
14	19.3	155.2	170.5	308.5	144.1	87.2	49.3	81.1	16.9	22.4	4.9	4.7
15	10.3	127.1	525.5	214.9	107.3	216.8	43.4	59.7	15.2	25.7	4.9	4.3
16	10.1	114.4	271.8	201.4	105.6	318.6	38.8	47.3	13.8	40.8	4.9	3.9
17	10.2	81.1	149.4	107.7	85.2	182.5	31.6	38.0	12.7	104.3	4.9	3.6
18	10.4	70.0	103.3	176.1	94.3	121.7	28.0	31.3	11.7	60.6	4.9	3.3
19	10.1	100.2	59.9	135.6	105.7	92.9	26.9	27.5	11.1	41.4	4.9	2.9
20	29.1	117.2	93.5	93.8	90.8	72.7	29.0	23.8	10.4	32.2	4.7	2.9
21	18.1	81.8	80.3	106.1	89.7	59.9	24.8	21.2	10.0	26.2	4.6	2.8
22	13.7	63.9	66.4	148.2	74.7	49.9	42.5	28.1	9.5	23.6	4.6	2.7
23	13.8	117.8	67.9	164.5	67.3	42.1	42.1	128.0	8.6	20.1	5.1	2.7
24	48.0	105.5	143.8	194.4	75.0	32.5	37.2	173.2	8.2	17.4	4.7	2.5
25	34.1	157.3	90.2	180.9	108.0	37.1	31.6	204.9	7.8	15.5	4.6	2.5
26	26.9	112.8	59.1	134.2	94.4	70.3	28.4	140.7	8.3	14.1	4.6	2.5
27	38.3	197.1	52.7	130.8	77.8	97.2	25.0	89.0	10.7	12.9	4.6	2.5
28	82.0	200.8	55.5	95.7	96.8	191.5	22.1	63.3	9.4	12.0	4.6	2.5
29	57.2	128.9	43.0	100.0		143.7	20.0	48.5	7.2	11.1	4.6	2.5
30	66.6	98.7	32.3	90.3		103.7	18.9	38.4	6.6	10.3	4.6	2.5
31	44.4		22.9	132.3		88.5		32.1		9.5	4.6	
MEAN	23.6	98.3	132.6	105.6	92.9	110.7	59.5	50.3	23.2	24.1	5.6	6.0
MAX	260.8	316.8	884.4	520.1	327.5	396.0	142.4	236.9	96.1	132.1	9.3	115.0
MIN	4.2	31.1	19.0	16.3	37.0	28.9	17.9	13.6	6.2	5.4	4.6	2.5
IN	4.5	18.0	25.1	20.0	15.9	20.9	10.9	9.6	4.3	4.6	1.1	1.1

MEAN ANNUAL FLOW (cfs) 61.0

TOTAL RUNOFF (in) 136.0

ISKA CREEK  
BASIN AREA = 530 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.0	4.2	10.9	3.9	10.5	8.9	10.9	3.2	3.7	1.2	1.6	1.0
2	1.0	4.1	12.0	3.4	10.8	7.6	10.6	2.9	3.5	1.2	1.6	1.0
3	1.0	4.1	14.8	3.0	17.2	6.5	9.8	2.6	5.4	2.0	1.5	1.8
4	1.0	5.6	11.4	2.7	13.1	8.3	8.8	2.4	8.3	1.9	1.4	1.0
5	1.0	4.8	7.2	2.6	8.9	9.5	9.5	2.4	7.2	1.5	1.4	0.7
6	1.0	4.3	13.4	2.8	6.9	7.7	11.1	2.6	6.0	1.3	1.3	0.7
7	1.0	5.6	14.1	2.8	6.6	6.3	13.1	2.4	5.2	1.2	1.3	4.0
8	1.4	5.5	9.1	2.8	6.5	6.5	8.1	2.3	4.5	1.2	1.3	3.4
9	1.3	10.0	6.4	2.7	5.7	14.3	6.6	3.1	4.0	1.9	1.2	2.1
10	1.2	10.7	6.2	2.6	5.0	16.9	6.1	3.7	3.6	5.3	1.2	1.5
11	1.4	9.9	15.5	2.6	4.6	12.9	10.0	4.7	3.3	5.6	1.1	1.3
12	3.4	10.6	21.2	7.0	4.8	11.1	8.0	4.5	3.0	5.2	1.1	1.1
13	9.1	11.8	19.5	18.5	8.3	9.6	6.5	4.2	2.7	3.8	1.1	1.0
14	2.8	12.8	13.6	20.8	12.0	8.4	5.6	7.9	2.6	3.1	1.1	0.9
15	1.8	11.0	30.1	16.1	9.7	15.7	5.1	6.4	2.4	3.5	1.0	0.9
16	1.8	10.2	18.9	15.4	9.6	21.4	4.7	5.4	2.2	4.6	1.0	0.8
17	1.8	8.0	12.4	9.7	8.2	14.3	4.0	4.6	2.1	9.5	1.0	0.8
18	1.8	7.2	9.5	13.6	8.9	10.7	3.7	4.0	2.0	6.4	1.0	0.7
19	1.8	9.1	6.3	11.5	9.6	8.8	3.6	3.6	1.9	4.9	1.0	0.7
20	3.7	10.4	8.8	8.9	8.6	7.4	3.8	3.3	1.8	4.1	1.0	0.7
21	2.7	8.0	7.9	9.6	8.6	6.4	3.4	3.0	1.8	3.5	1.0	0.7
22	2.2	6.7	6.9	12.3	7.5	5.6	4.9	3.6	1.7	3.3	1.0	0.7
23	2.2	10.3	7.0	13.3	7.0	5.0	4.9	11.0	1.6	2.9	1.1	0.7
24	5.4	9.2	11.7	15.0	7.5	4.1	4.5	13.8	1.5	2.6	1.0	0.7
25	4.3	12.8	8.6	14.2	9.8	4.5	4.0	15.6	1.4	2.4	1.0	0.7
26	3.6	10.1	6.3	11.5	8.9	7.2	3.7	11.8	1.5	2.2	1.0	0.7
27	4.5	15.1	5.8	11.2	7.7	9.1	3.4	8.5	1.8	2.1	1.0	0.7
28	8.0	15.2	6.1	9.0	9.1	14.8	3.1	6.7	1.7	2.0	1.0	0.7
29	6.2	11.2	5.0	9.2		12.0	2.9	5.5	1.4	1.9	1.0	0.7
30	6.9	9.2	4.1	8.6		9.5	2.8	4.6	1.3	1.8	1.0	0.7
31	5.1		3.2	11.4		8.5		4.1		1.7	1.0	0.7
MEAN	2.9	8.9	9.0	9.0	8.6	9.7	6.1	5.3	3.0	3.1	1.1	1.1
MAX	18.6	21.5	30.7	30.7	22.1	25.2	11.9	17.3	11.5	11.3	1.6	10.1
MIN	1.0	4.0	2.6	2.3	4.5	3.7	2.6	2.3	1.2	1.1	1.0	0.7
IN	4.1	12.0	12.5	12.5	10.8	13.4	8.3	7.4	4.1	4.3	1.6	1.5

MEAN ANNUAL FLOW (cfs) 5.7

TOTAL RUNOFF (in) 92.5

Table 4

UPPER MILLER CREEK  
BASIN AREA = 2600 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	2.9	23.4	94.2	11.5	94.0	45.0	65.9	9.7	13.2	3.3	3.7	1.2
2	2.8	22.8	108.1	9.0	101.8	33.5	61.9	8.9	12.9	3.0	3.4	1.1
3	2.9	22.6	146.8	7.4	291.4	24.8	53.9	8.1	54.5	10.5	3.2	1.0
4	2.8	26.5	100.6	6.2	158.6	39.6	44.0	7.6	92.4	13.7	3.0	1.1
5	3.1	28.8	51.5	5.7	63.0	50.4	51.0	7.3	50.3	7.6	2.7	1.4
6	3.0	24.7	128.9	6.3	33.8	33.8	68.3	8.0	31.5	5.9	2.6	1.7
7	2.9	35.4	137.6	6.8	21.9	23.1	56.9	7.5	24.6	4.8	2.5	1.9
8	4.7	34.4	72.0	6.7	17.0	25.4	37.4	7.2	17.6	4.2	2.4	1.7
9	4.0	86.9	43.6	66.3	14.2	112.9	25.0	9.4	14.8	5.7	2.3	53.3
10	3.8	92.9	43.0	5.9	12.2	154.2	21.5	8.8	13.0	33.8	2.2	26.4
11	4.6	81.7	158.8	5.6	11.1	91.1	56.5	20.0	11.7	49.6	2.1	12.7
12	21.1	90.3	247.3	39.7	14.4	68.1	36.5	16.9	10.5	45.7	2.0	8.3
13	77.1	106.0	217.0	158.1	73.1	52.3	24.5	14.4	8.5	22.9	2.0	6.3
14	13.2	117.9	130.5	197.0	117.8	39.9	18.0	93.0	7.3	14.9	2.0	5.1
15	6.8	95.6	430.5	126.0	72.0	153.3	15.2	47.7	6.6	16.7	1.9	4.4
16	6.5	85.8	214.0	116.3	66.8	242.4	12.9	36.2	6.3	27.7	1.8	4.0
17	6.6	59.3	113.4	54.5	42.9	112.3	9.7	17.3	6.1	208.1	1.8	3.5
18	6.9	51.2	76.9	101.6	81.1	63.5	8.1	11.4	5.7	67.5	1.9	3.1
19	6.6	74.9	43.1	72.0	71.9	43.8	7.8	8.4	5.3	33.2	1.8	3.1
20	20.4	87.6	69.2	46.2	27.9	31.1	8.6	6.4	4.9	21.2	1.7	2.8
21	12.3	60.1	58.7	73.5	58.0	23.9	6.9	8.9	4.7	15.9	1.6	2.6
22	9.2	46.4	48.4	145.9	38.7	18.3	15.1	18.3	4.3	12.7	1.7	2.5
23	9.3	88.7	49.5	179.0	27.8	14.5	14.5	178.2	4.0	10.4	2.1	2.3
24	34.4	79.6	109.7	257.9	45.2	10.0	12.2	271.1	3.7	7.3	1.9	2.2
25	24.0	119.5	66.6	220.7	82.3	12.3	9.7	293.6	3.5	6.9	1.6	2.1
26	18.6	84.1	42.7	116.0	69.6	29.8	8.3	108.8	3.9	6.7	1.5	2.1
27	27.3	151.8	37.8	113.6	46.6	46.8	7.0	47.6	5.1	6.0	1.4	2.0
28	60.1	155.1	40.0	52.4	62.0	120.7	5.9	28.2	4.7	5.4	1.3	2.0
29	41.3	97.0	30.4	59.1		80.3	5.1	20.0	3.8	4.9	1.2	1.9
30	48.4	73.1	22.6	45.8		51.0	4.8	15.9	3.4	4.5	1.2	1.9
31	31.5		15.7	112.7		40.7		12.4		4.0	1.2	
MEAN	16.7	73.5	101.6	76.3	64.9	60.9	25.8	43.7	14.6	22.1	2.0	5.5
MAX	203.9	251.4	497.3	401.6	495.0	325.8	78.3	329.7	177.8	306.8	4.0	112.4
MIN	2.7	21.4	13.5	4.9	11.0	8.6	4.4	5.3	3.2	2.8	1.1	1.0
IN	4.8	20.2	28.8	21.7	16.6	17.3	7.1	12.4	4.0	6.3	0.6	1.5

MEAN ANNUAL FLOW (cfs) 42.3

TOTAL RUNOFF(in) 141.3

Table 5

EAST FORK MILLER CREEK  
BASIN AREA = 3521 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	7.3	42.3	135.9	23.5	135.1	73.1	100.7	20.3	26.2	8.1	8.8	3.5
2	7.2	41.4	152.4	19.1	144.3	57.3	96.2	19.0	26.0	7.6	8.3	3.3
3	7.3	40.9	197.0	16.3	347.6	44.5	85.3	17.5	79.9	20.2	7.9	3.2
4	7.1	46.9	143.6	13.9	209.2	65.7	71.9	16.6	133.9	26.8	7.4	3.3
5	7.8	50.4	82.0	13.1	96.9	80.6	81.1	16.2	80.2	16.7	7.0	4.2
6	7.6	44.3	175.9	14.3	57.8	57.7	103.9	17.4	54.5	13.3	6.6	4.9
7	7.3	60.1	186.4	15.3	40.1	41.9	89.2	16.7	44.0	11.2	6.6	5.4
8	10.9	58.7	108.5	14.9	32.6	45.0	62.8	16.1	33.6	10.0	6.3	4.8
9	9.7	124.7	71.3	14.0	27.6	157.5	44.6	19.8	28.7	12.8	6.0	88.2
10	9.2	133.7	69.5	13.3	24.8	205.1	3-4	18.9	25.9	56.9	5.8	41.5
11	10.7	120.9	209.4	12.9	22.7	132.6	88.6	37.0	23.9	77.4	5.6	24.0
12	35.7	131.1	304.3	60.9	28.1	103.7	61.5	32.3	21.7	73.9	5.5	17.4
13	111.8	150.1	272.9	209.6	107.0	83.0	44.0	28.1	18.3	41.6	5.4	13.7
14	26.0	164.1	178.5	249.9	163.4	66.4	34.2	133.2	16.2	29.1	5.4	11.5
15	15.1	137.7	476.1	172.9	108.1	196.8	29.3	72.3	14.7	32.0	5.3	10.2
16	14.4	125.5	267.3	162.0	101.5	299.7	25.9	60.7	14.0	47.9	5.0	9.3
17	14.7	92.6	158.9	85.7	70.3	157.2	20.2	32.9	13.6	262.3	5.1	8.5
18	15.4	81.4	114.7	141.5	119.9	98.0	17.7	23.2	13.0	102.5	5.2	8.1
19	14.8	110.4	70.4	108.4	107.8	71.5	17.0	18.1	12.1	56.8	4.9	7.6
20	37.2	128.2	104.9	74.9	48.9	53.9	18.4	14.3	11.4	39.1	4.8	7.2
21	24.6	93.4	91.9	107.8	90.1	43.0	15.3	18.7	11.0	30.6	4.6	6.7
22	19.4	74.8	77.7	194.7	64.5	34.7	29.0	33.6	10.3	25.6	4.7	6.4
23	19.3	128.0	79.3	232.5	48.9	28.4	28.4	229.6	9.5	21.5	5.8	6.1
24	57.8	114.3	151.4	314.2	70.9	21.0	24.6	329.2	9.0	16.0	5.3	5.9
25	43.2	165.9	100.8	276.2	121.6	24.7	20.2	351.1	8.7	15.5	4.6	5.7
26	35.1	123.9	70.2	161.7	105.6	51.9	18.0	152.6	9.3	14.8	4.3	5.5
27	47.0	202.1	63.3	157.2	75.3	75.4	15.6	76.7	11.7	13.4	3.9	5.4
28	93.4	205.3	66.5	83.3	96.0	166.3	13.4	49.5	11.0	12.4	3.7	5.5
29	68.2	139.5	52.9	91.8		118.7	11.8	37.3	9.2	11.4	3.5	5.3
30	77.7	110.1	41.1	74.2		81.4	11.0	30.7	8.3	10.5	3.4	6.1
31	54.3		30.4	157.5		67.5		25.0		9.5	3.4	
MEAN	29.6	108.1	138.9	106.0	95.2	90.5	44.0	63.4	26.3	36.4	5.5	11.3
MAX	257.9	276.2	758.2	456.6	547.5	386.2	116.5	386.2	230.4	376.6	9.4	157.7
MIN	6.9	38.9	26.3	12.6	22.2	18.6	10.5	15.4	7.8	7.2	2.7	3.3
IN	6.2	21.9	29.1	22.2	18.0	19.0	8.9	13.3	5.3	7.6	1.1	2.3

MEAN ANNUAL FLOW (cfs) 62.9

TOTAL RUNOFF (in) 154.9

Table 6

LOWER MILLER CREEK  
BASIN AREA = 8200 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	10.5	69.5	253.7	36.8	252.9	128.9	182.3	31.4	41.6	11.5	12.8	4.7
2	10.3	67.9	287.9	29.5	271.7	98.3	173.0	29.1	40.8	10.7	11.9	4.5
3	10.5	67.2	381.4	24.6	715.8	73.7	151.6	26.5	147.6	32.4	11.2	4.1
4	10.1	78.4	269.4	20.8	409.0	114.2	125.6	25.1	249.7	42.9	10.5	4.2
5	11.1	85.2	145.9	19.7	175.2	143.1	144.2	24.3	142.4	25.2	9.9	5.4
6	10.8	73.3	337.8	21.5	99.1	99.1	180.5	26.3	92.9	19.8	9.3	6.5
7	10.4	103.6	259.5	23.0	65.7	69.0	159.5	25.3	73.2	16.6	9.2	7.2
8	16.1	100.7	198.1	22.6	52.9	75.9	108.7	24.1	54.4	14.5	8.8	6.4
9	14.2	233.4	124.9	20.9	44.5	300.7	74.1	30.6	46.4	19.1	8.3	145.9
10	13.4	250.1	122.6	20.0	30.4	399.1	65.0	28.9	40.9	98.1	8.0	78.3
11	15.7	223.0	408.9	19.4	35.8	246.5	158.4	60.6	37.6	138.5	7.6	40.4
12	61.4	244.0	616.2	110.1	45.0	188.8	106.4	52.4	34.1	130.3	7.5	27.4
13	207.5	282.7	545.9	408.3	192.7	147.7	72.8	45.2	28.2	68.8	7.3	21.2
14	41.4	311.9	342.2	498.2	311.6	115.5	55.5	249.6	24.3	46.8	7.3	17.5
15	22.8	257.4	1016.6	330.8	198.3	390.4	47.5	127.2	22.1	51.3	7.1	15.2
16	21.4	232.7	537.0	308.0	184.7	605.3	41.1	104.8	20.9	81.0	6.7	13.9
17	21.9	166.9	301.0	153.2	123.2	298.0	31.6	53.4	20.3	524.7	6.8	12.5
18	23.2	144.1	210.6	268.5	220.9	177.0	26.7	36.4	19.4	186.7	7.1	11.6
19	22.2	203.4	123.7	198.0	197.7	125.3	25.6	27.7	17.9	97.3	6.6	10.8
20	61.6	237.8	182.9	131.7	82.4	91.7	28.2	21.4	16.8	64.0	6.5	10.3
21	39.0	168.2	165.3	199.4	162.1	71.0	23.1	28.9	16.1	49.5	6.1	9.5
22	29.9	132.2	137.5	378.8	111.6	56.4	46.7	55.5	15.2	40.3	6.3	9.1
23	29.9	238.8	140.6	458.1	82.2	45.6	45.5	454.4	13.9	33.6	7.9	8.6
24	99.8	213.7	289.2	639.7	126.3	32.3	38.9	671.7	13.1	24.2	7.1	8.2
25	71.3	315.9	184.3	554.7	224.7	39.1	31.6	721.5	12.7	23.3	6.2	7.7
26	57.2	228.9	122.5	307.0	192.6	87.6	27.2	288.9	13.6	22.3	5.7	7.5
27	80.2	393.4	109.7	299.4	133.1	132.8	23.4	135.6	17.5	20.1	5.2	7.3
28	167.5	400.2	115.8	148.2	173.1	317.4	19.9	83.4	16.2	18.6	5.0	7.4
29	118.8	261.0	89.8	165.1		219.2	17.5	60.8	13.4	16.9	4.7	7.1
30	137.6	201.2	67.7	130.8		144.2	16.2	49.6	11.9	15.5	4.5	6.9
31	92.6		49.0	299.0		117.3		39.4		13.9	4.6	
MEAN	49.7	199.6	265.7	201.5	176.0	166.2	75.2	117.4	43.8	63.2	7.5	17.6
MAX	514.0	556.3	1130.0	967.8	1178.0	801.5	214.5	801.5	459.4	755.3	13.9	301.7
MIN	9.7	64.1	40.9	16.6	36.1	27.6	15.7	18.1	11.0	10.3	3.6	4.0
IN	4.5	17.4	23.9	18.1	14.3	15.0	6.5	10.6	3.8	5.7	0.7	1.5

MEAN ANNUAL FLOW (cfs) 115.3

TOTAL RUNOFF (in) 122.0

Table 7

LOWER CHRISTMAS CREEK  
BASIN AREA = 5150 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	18.3	74.3	190.9	45.9	189.9	116.3	150.5	40.8	50.7	19.6	21.0	9.9
2	18.0	73.1	209.5	39.2	200.4	94.8	144.8	38.8	50.3	18.7	20.0	9.6
3	18.3	72.5	258.6	34.0	408.2	77.4	131.4	35.0	115.5	38.6	19.2	9.2
4	17.6	80.6	199.7	30.4	269.9	105.7	114.5	34.4	189.0	51.2	18.3	9.3
5	19.0	85.5	127.3	29.0	145.6	125.6	126.1	33.8	124.7	34.7	17.4	11.2
6	18.8	77.0	234.7	30.9	95.4	95.4	154.2	35.9	90.8	29.2	15.5	12.7
7	18.0	98.5	246.4	32.5	71.3	73.7	136.3	34.7	75.9	25.5	16.3	13.6
8	25.0	96.6	159.5	31.9	60.0	77.9	102.3	33.6	61.4	23.4	15.8	12.5
9	22.8	175.1	113.9	30.6	53.0	215.9	77.6	39.8	54.4	28.4	15.3	116.8
10	21.7	188.5	110.3	29.5	48.0	266.2	70.1	38.3	50.2	93.5	15.0	80.1
11	24.6	174.1	270.0	28.7	44.6	187.4	135.4	66.4	46.6	118.5	14.4	49.1
12	60.4	186.0	376.6	93.0	53.0	154.3	100.6	59.6	43.2	116.6	14.2	36.9
13	159.6	206.6	336.7	271.7	153.9	128.7	76.7	53.1	37.6	73.3	14.0	30.6
14	49.9	222.7	238.1	311.4	222.4	107.2	62.5	187.0	33.8	54.9	13.9	26.4
15	32.2	193.3	520.4	231.6	158.9	250.6	55.4	114.1	31.7	58.8	13.6	24.0
16	31.2	179.4	328.3	220.0	150.8	362.6	49.8	99.0	30.5	80.7	13.0	22.4
17	31.6	140.8	216.8	131.6	112.2	214.8	41.1	60.1	29.9	324.0	13.0	20.5
18	32.6	126.6	167.1	193.6	172.5	147.1	36.3	45.6	28.7	152.1	13.4	19.7
19	31.5	159.6	111.8	159.0	157.8	114.1	35.4	37.3	26.9	94.1	12.7	18.8
20	65.1	182.4	155.1	118.4	83.4	89.9	37.8	30.9	25.7	69.7	12.6	17.9
21	47.9	141.5	139.7	155.0	136.7	75.4	32.6	37.9	25.1	57.1	12.2	16.8
22	39.4	118.7	122.1	254.8	104.6	63.2	54.3	60.5	24.0	49.4	12.3	16.1
23	38.7	181.2	124.0	295.7	83.3	53.9	53.8	290.0	22.5	42.8	14.7	15.6
24	94.9	162.6	204.5	375.6	109.6	41.9	47.7	391.4	21.4	33.5	13.8	15.1
25	75.6	224.7	151.6	338.8	174.8	47.8	41.0	413.5	20.7	32.8	12.2	14.1
26	64.0	178.0	112.4	219.9	156.2	87.4	36.9	209.1	22.0	31.8	11.5	14.3
27	79.3	262.9	102.9	213.1	118.4	118.8	32.9	120.4	26.5	29.5	10.9	13.8
28	141.4	265.3	107.5	129.0	144.4	224.2	29.3	84.2	25.1	27.7	10.3	14.1
29	109.4	195.1	88.6	139.3		171.5	26.4	67.1	21.9	25.7	9.9	13.6
30	122.0	161.8	72.8	117.2		126.6	25.2	57.2	20.0	24.3	9.7	13.2
31	90.5		56.8	215.2		109.0		48.4		22.5	9.6	
MEAN	52.3	156.2	188.6	146.7	138.5	133.1	74.0	93.5	47.5	60.7	14.1	23.3
MAX	321.4	371.2	773.6	513.4	592.3	443.8	170.3	447.0	295.5	428.1	22.5	216.3
MIN	16.9	70.1	48.9	27.7	44.0	37.3	24.4	27.0	19.1	18.0	9.4	9.0
IN	7.5	21.7	27.0	21.0	17.9	19.1	10.3	13.4	6.6	8.7	2.0	3.2

MEAN ANNUAL FLOW (cfs) 94.0

TOTAL RUNOFF (in) 158.4

CHRISTMAS CREEK  
BASIN AREA = 3750 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	6.9	50.7	195.2	25.8	194.6	95.6	138.1	21.8	29.3	7.7	8.5	3.0
2	6.7	49.5	222.7	20.4	209.2	72.2	130.6	20.1	29.0	7.1	8.0	2.8
3	6.9	49.0	299.1	16.9	577.9	53.9	113.8	18.3	113.2	23.1	7.5	2.6
4	6.6	57.3	207.7	14.2	321.8	84.5	93.5	17.3	191.7	30.4	7.0	2.7
5	7.4	62.4	109.1	13.2	132.3	106.3	107.9	16.8	106.5	17.4	6.5	3.5
6	7.2	53.5	263.6	14.7	72.8	72.8	142.8	18.2	68.0	13.5	6.1	4.2
7	6.8	76.1	280.9	15.7	47.8	50.3	120.0	17.4	53.4	11.2	6.0	4.7
8	10.8	74.1	150.6	15.4	37.8	55.2	80.1	16.7	39.0	9.8	5.7	4.1
9	9.5	179.9	92.8	14.4	31.4	232.5	54.1	21.2	32.7	13.0	5.4	111.2
10	8.9	192.3	91.4	13.6	27.4	313.6	47.1	23.1	29.0	72.4	5.2	57.3
11	10.6	170.3	322.1	13.1	24.9	189.4	119.2	43.8	26.3	104.6	5.0	28.4
12	45.3	187.5	494.0	83.3	31.9	143.0	78.3	37.4	23.7	97.0	4.9	18.9
13	159.6	218.5	435.5	321.2	151.8	110.5	53.2	32.0	19.4	50.1	4.8	14.5
14	29.3	242.1	266.9	396.1	241.7	85.3	39.9	192.2	16.8	33.1	4.7	11.8
15	15.6	198.0	839.1	257.9	150.7	309.0	33.5	94.9	15.2	36.8	4.6	10.2
16	14.8	178.1	428.8	239.0	139.9	484.9	28.9	77.5	14.3	59.7	4.4	9.2
17	15.1	125.6	233.3	115.1	91.4	230.9	21.9	38.2	13.8	418.2	4.4	8.3
18	15.9	107.9	160.4	208.5	168.8	133.7	18.5	25.5	13.2	141.5	4.6	7.8
19	15.2	155.6	92.0	150.6	150.2	93.0	17.8	19.1	12.2	71.5	4.3	7.2
20	44.5	182.2	144.9	98.0	60.3	67.2	19.5	14.6	11.4	46.5	4.2	6.8
21	27.5	126.6	124.3	152.6	122.1	51.8	15.8	20.1	10.9	35.2	4.0	6.2
22	20.7	98.4	102.4	296.7	82.7	40.6	33.4	40.0	10.2	28.5	4.0	5.9
23	20.9	183.5	104.8	362.0	60.2	32.2	32.2	369.7	9.3	23.4	5.1	5.6
24	73.7	164.5	224.8	514.1	95.3	22.6	27.2	540.4	8.7	16.7	4.7	5.3
25	52.1	245.5	139.9	442.7	171.5	27.5	21.9	582.7	8.4	16.0	3.9	5.1
26	41.2	175.2	91.0	238.2	145.9	64.3	18.8	223.8	9.0	15.3	3.6	4.9
27	58.8	308.8	81.0	233.0	99.2	99.2	16.1	101.0	11.8	13.7	3.4	4.7
28	126.5	315.1	85.5	110.9	130.7	247.0	13.6	61.0	11.0	12.6	3.2	4.8
29	83.0	200.9	65.8	124.3		167.1	11.9	44.0	9.0	11.4	3.0	4.6
30	102.7	152.9	49.3	97.3		108.0	10.9	35.2	7.9	10.4	2.9	4.5
31	67.9		34.9	231.7		87.0		27.7		9.3	2.9	
MEAN	36.2	152.7	207.5	156.5	134.7	126.8	55.4	90.3	31.8	47.0	4.9	12.4
MAX	408.4	500.6	1416.7	790.1	968.0	646.9	164.3	653.0	360.4	610.9	9.2	232.3
MIN	6.4	46.6	29.0	12.7	24.7	19.5	10.4	13.2	7.4	7.4	2.9	2.6
IN	7.1	29.1	40.8	30.8	24.0	25.0	10.5	17.8	6.1	9.3	1.0	2.4

MEAN ANNUAL FLOW (cfs) 80.0

TOTAL RUNOFF (in) 203.9

Table 9

UPPER CHRISTMAS CREEK  
BASIN AREA = 2700 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	24.7	104.5	12.1	104.1	49.1	72.1	10.1	13.8	3.3	3.7	1.2
2	2.9	24.0	120.0	9.5	112.9	36.0	67.7	9.3	13.6	3.1	3.5	1.1
3	2.9	23.8	164.1	7.7	331.1	26.6	58.5	8.4	60.4	11.1	3.2	1.1
4	2.9	28.3	111.4	6.4	177.8	42.7	47.6	7.8	102.3	14.5	3.0	1.1
5	3.2	31.0	56.4	6.0	69.0	54.9	56.0	7.7	54.7	7.9	2.8	1.4
6	3.1	26.3	143.9	6.7	36.4	36.3	74.7	8.3	33.9	6.1	2.6	1.8
7	3.0	38.0	153.8	7.2	23.3	24.7	62.0	8.0	26.3	5.0	2.6	1.9
8	4.8	37.0	79.1	6.9	18.1	27.3	40.4	7.6	18.8	4.3	2.4	1.7
9	4.2	96.5	47.5	6.5	14.9	126.1	26.7	9.9	15.6	5.9	2.3	58.8
10	4.0	102.9	46.8	6.2	12.9	172.9	23.0	9.3	13.7	36.5	2.2	28.4
11	4.7	90.4	178.2	6.0	11.6	101.2	61.7	21.3	12.4	54.4	2.1	13.4
12	22.9	100.1	280.2	43.6	15.2	74.9	39.4	18.0	11.0	49.5	2.1	8.7
13	85.3	117.6	244.6	177.1	80.8	57.0	26.2	15.3	8.9	24.6	2.0	6.6
14	13.9	131.0	145.5	122.0	130.5	43.2	19.2	102.9	7.6	15.8	2.0	5.3
15	7.0	105.9	495.1	140.4	79.2	172.8	16.1	48.8	6.8	17.8	2.0	4.5
16	6.6	94.7	241.9	129.3	73.4	274.7	13.7	39.1	6.5	29.9	1.8	4.0
17	6.8	64.9	126.0	59.5	46.4	124.8	10.2	18.4	6.3	235.2	1.9	3.6
18	7.3	55.5	84.7	112.9	89.4	69.6	8.5	12.0	6.0	74.2	1.9	3.4
19	6.9	82.9	47.0	79.1	79.2	47.5	8.2	8.8	5.5	35.8	1.8	3.1
20	21.8	97.1	76.2	50.5	29.8	33.4	9.0	6.6	5.1	22.7	1.8	2.9
21	13.0	65.6	64.2	81.1	63.3	25.4	7.2	9.3	4.9	16.8	1.6	2.7
22	9.6	50.8	52.7	163.1	41.8	19.6	16.0	13.5	4.5	13.4	1.7	2.5
23	9.8	98.0	54.0	201.2	29.8	15.3	15.3	200.7	4.1	10.9	2.2	2.4
24	37.1	88.0	122.4	292.7	49.6	10.5	12.8	208.1	3.8	7.6	2.0	2.2
25	25.6	133.0	73.1	249.6	91.1	13.1	10.2	333.6	3.7	7.3	1.7	2.1
26	19.9	93.0	46.4	129.1	76.6	31.9	8.7	121.0	4.0	6.9	1.5	2.1
27	29.4	170.1	40.9	126.5	50.5	50.7	7.3	51.7	5.3	6.2	1.4	2.0
28	65.5	174.0	43.3	57.0	58.0	134.1	6.1	30.3	4.9	5.7	1.3	2.0
29	44.7	107.5	32.7	64.8		88.5	5.3	21.4	3.9	5.1	1.2	1.9
30	52.6	80.6	24.1	49.7		55.7	4.9	16.9	3.5	4.6	1.2	1.9
31	33.8		16.7	125.4		44.2		13.0		4.0	1.2	
MEAN	18.0	81.1	113.5	85.0	71.7	67.3	27.8	48.5	15.7	24.0	2.1	5.9
MAX	227.5	282.3	854.3	458.4	569.9	373.6	87.3	378.2	200.5	351.1	4.0	125.8
MIN	2.8	22.6	13.7	5.7	11.4	8.7	4.6	5.5	3.2	2.9	0.9	1.0
IN	4.9	21.5	31.0	23.2	17.7	18.4	7.4	13.3	4.2	6.6	0.6	1.6

MEAN ANNUAL FLOW (cfs) 46.7

TOTAL RUNOFF (in) 150.4

Table 10

CLEARWATER RIVER AT GOODYEAR BRIDGE  
 BASIN AREA = 62300 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	49.3	969.2	1832.1	908.5	2914.2	1142.7	1725.9	339.5	708.8	236.9	173.9	119.3
2	36.0	842.3	2024.4	819.7	2212.2	1002.2	1844.9	328.4	662.5	217.5	158.6	121.9
3	27.5	743.9	2789.7	743.6	5783.4	802.7	1692.5	272.3	697.1	270.7	138.1	113.1
4	20.8	687.5	2319.4	682.7	4236.1	731.1	1479.1	239.9	1179.7	409.4	115.9	109.4
5	31.2	623.8	1679.3	625.4	2070.5	1148.4	1537.5	236.6	1130.6	295.8	103.0	116.7
6	34.2	587.4	2616.7	577.1	1439.3	1131.1	1865.6	283.9	999.2	252.0	91.8	121.9
7	18.9	592.7	3794.1	537.6	1101.7	944.3	1648.0	254.8	913.3	215.5	83.6	115.7
8	146.2	578.1	2521.0	502.8	826.3	785.7	1377.7	242.8	803.2	202.6	83.6	148.1
9	122.5	1112.5	1660.6	471.2	635.5	1355.7	1175.8	274.2	709.8	269.7	83.6	730.3
10	43.2	2411.7	1391.8	446.0	478.3	5724.7	1016.7	353.4	637.2	570.8	83.6	478.8
11	52.5	2435.3	2418.4	423.9	366.6	3030.7	1407.0	442.3	581.2	613.4	83.6	357.5
12	213.5	2085.3	5773.3	801.9	299.8	2084.7	1244.5	476.2	534.9	731.5	83.6	271.0
13	1881.3	2347.0	6011.5	3905.1	325.4	1660.1	1054.2	467.8	497.5	569.3	110.0	209.7
14	1257.5	2370.5	4186.1	9123.7	1554.5	1433.9	900.5	930.9	460.2	479.5	142.8	156.6
15	870.9	2720.2	9239.0	7537.1	1440.5	3690.5	795.4	1009.9	418.9	456.2	137.8	141.8
16	702.3	2733.0	9128.3	7537.2	1471.4	7283.9	717.9	932.5	384.8	478.0	132.1	133.0
17	577.4	2016.5	4278.0	4278.4	1281.0	3781.8	611.0	827.9	360.8	1399.7	126.7	126.6
18	498.3	1503.8	2658.3	4361.5	1141.6	2273.4	536.6	732.1	338.4	1273.2	126.1	125.6
19	445.3	1269.3	1823.2	3192.4	1245.3	1588.6	489.5	651.9	315.9	1031.9	126.1	121.9
20	585.1	1663.5	1889.9	2477.6	1210.0	1312.9	481.4	587.7	291.7	862.7	123.4	118.4
21	815.0	1716.0	1394.7	2259.2	1108.5	1088.8	432.0	528.1	268.6	745.4	121.9	110.8
22	821.8	1434.6	1664.3	2660.1	1096.1	905.2	545.6	518.6	250.5	669.7	124.4	103.7
23	704.7	1292.0	1570.8	2968.8	959.2	755.6	574.0	1193.4	229.7	566.7	143.5	103.7
24	782.3	1288.6	2023.2	4674.4	884.5	646.5	519.8	2650.3	210.9	466.7	119.2	103.7
25	1168.0	2008.7	2360.3	3451.8	1214.5	623.9	474.8	3709.4	196.2	428.0	113.6	103.7
26	951.1	1837.5	1771.1	2742.9	1253.4	1117.9	428.9	2818.4	193.5	397.8	112.9	103.7
27	824.1	2070.5	1517.1	3219.5	1094.8	1713.8	388.4	1705.1	221.0	369.3	105.4	103.7
28	1079.8	6488.0	1500.9	3236.8	1058.6	3434.6	346.4	1339.3	219.2	344.8	105.2	103.7
29	1288.4	3840.0	1358.9	2929.6		2944.6	315.3	1118.1	174.1	323.4	105.2	103.7
30	1268.0	2518.0	1181.2	1824.7		1950.9	307.1	945.5	157.6	302.5	105.2	103.7
31	1141.8		1030.2	2636.6		1604.8		804.2		282.0	105.2	
MEAN	595.4	1826.3	2835.7	2663.2	1453.7	1925.7	931.1	877.9	491.6	507.2	115.2	175.5
MAX	3142.0	8237.3	16736.4	11478.2	7984.5	9313.7	3737.5	4107.2	1214.0	1592.5	180.3	917.3
MIN	17.0	566.2	966.8	413.0	562.1	578.6	305.1	230.3	151.1	201.1	80.1	103.7
IN	7.1	20.9	33.6	31.5	15.6	22.8	10.7	10.4	5.6	6.0	1.4	2.0

MEAN ANNUAL FLOW (cfs) 1199.9

TOTAL RUNOFF (in) 167.6

Table 11

PRARIE DECEPTION CREEK  
BASIN AREA = 2900 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	8.1	31.2	76.5	29.2	74.0	63.6	76.6	24.4	27.6	9.9	13.0	8.1
2	8.0	30.8	83.9	25.5	77.3	55.1	74.7	22.5	26.6	9.4	12.4	8.1
3	8.0	30.6	102.1	22.9	117.3	47.6	69.4	20.2	39.8	15.8	12.1	14.1
4	7.8	33.8	80.0	20.7	91.2	59.5	62.8	18.8	59.7	15.2	11.6	8.3
5	8.5	35.9	51.9	20.0	63.3	67.2	67.3	18.3	51.9	11.6	11.1	5.6
6	8.4	32.4	93.1	21.1	49.8	55.3	78.1	20.0	43.8	10.5	10.7	5.6
7	8.0	40.9	97.6	22.0	48.0	45.9	71.3	19.0	38.1	9.8	10.3	5.6
8	10.9	40.2	64.3	21.7	47.4	47.6	58.1	18.0	33.3	9.6	10.1	29.4
9	10.1	70.5	46.7	20.7	41.8	99.0	47.6	23.6	29.7	15.2	9.8	26.0
10	9.7	75.6	45.4	20.2	37.2	115.6	44.3	27.6	26.9	38.7	9.5	16.3
11	10.9	70.1	106.5	19.8	34.1	89.8	70.9	34.7	24.8	40.8	9.3	12.0
12	25.4	74.6	142.9	49.7	35.5	78.0	57.4	33.3	22.9	38.4	9.1	10.1
13	64.3	82.9	131.4	125.9	59.1	68.3	47.2	31.6	21.2	28.5	8.8	9.0
14	21.4	88.6	94.6	140.3	84.2	60.0	40.8	57.0	19.7	23.9	8.6	8.3
15	14.1	77.5	197.8	110.4	69.1	107.7	37.4	46.5	18.4	26.1	8.6	7.7
16	13.7	72.2	128.0	105.7	68.4	144.5	34.7	29.7	17.2	34.2	8.5	7.3
17	13.9	57.2	86.6	69.0	59.1	99.0	30.1	34.2	16.3	67.6	8.5	6.8
18	14.2	51.7	67.4	94.1	63.3	75.3	27.7	29.9	15.6	46.9	8.5	6.5
19	13.8	64.4	46.0	80.8	68.5	62.7	27.1	27.5	14.8	36.2	8.1	6.1
20	27.9	73.3	62.6	63.1	61.7	53.1	28.4	24.9	14.2	30.5	8.1	6.0
21	20.6	57.5	45.8	68.1	61.2	46.6	25.6	23.0	13.8	26.6	8.1	5.8
22	17.1	48.5	49.9	85.9	54.1	41.2	36.5	27.5	13.3	24.8	8.1	5.7
23	16.7	72.8	50.6	92.3	50.5	36.7	33.7	77.0	12.5	22.2	8.1	5.7
24	39.3	64.3	81.9	103.3	53.8	30.7	30.1	95.7	12.1	20.1	8.1	5.6
25	31.8	89.4	61.3	98.3	69.4	33.5	28.0	107.3	11.7	18.6	8.1	5.6
26	27.1	71.6	46.1	80.7	63.4	51.8	25.7	82.9	12.2	17.5	8.1	5.6
27	33.1	103.8	42.5	78.7	55.7	64.5	23.7	60.8	14.4	16.5	8.1	5.6
28	57.5	104.8	44.3	64.0	64.5	101.9	22.2	48.4	13.2	15.7	8.1	5.6
29	45.0	78.4	37.1	65.9		84.2	21.3	40.4	11.1	14.9	8.1	5.6
30	49.0	65.3	30.6	61.5		67.5		34.4	10.3	14.1	8.1	5.6
31	37.8		24.2	79.7		60.7		30.5		13.4	8.1	5.6
MEAN	22.0	63.0	75.2	63.3	61.5	68.2	44.5	38.7	22.9	23.3	9.3	8.8
MAX	126.2	145.0	288.8	201.5	147.7	167.2	83.6	119.2	80.1	79.3	13.2	72.6
MIN	7.6	29.2	21.6	18.1	33.7	17.4	20.6	17.8	10.0	8.1	8.1	5.6
IN	5.6	15.5	19.1	16.1	14.1	27.9	11.0	9.8	5.6	5.9	2.4	2.2

MEAN ANNUAL FLOW (cfs) 41.7

TOTAL RUNOFF (in) 124.7

WEST FORK SNAKAPISH CREEK  
BASIN AREA = 1993 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	3.9	26.4	97.1	13.7	96.7	48.6	69.4	11.6	15.5	4.2	4.7	1.7
2	3.7	25.7	110.3	11.0	104.1	37.1	65.5	10.9	15.3	3.9	4.4	1.6
3	3.8	25.4	146.7	9.1	276.9	28.1	57.6	9.8	56.5	12.2	4.1	1.5
4	3.6	29.7	103.2	7.6	157.4	43.3	47.7	9.3	95.7	16.1	3.8	1.5
5	4.1	32.2	55.3	7.1	66.7	54.2	54.7	8.9	54.0	9.3	3.6	2.0
6	4.0	27.9	129.7	7.8	37.4	37.4	71.8	9.7	35.0	7.4	3.4	2.3
7	3.8	39.0	138.1	8.5	24.9	26.1	60.7	9.2	27.7	6.0	3.4	2.6
8	6.0	38.0	75.5	8.3	19.8	28.5	41.0	8.9	20.4	5.3	3.2	2.3
9	5.2	89.3	47.3	7.8	16.5	114.4	28.1	11.3	17.2	7.0	3.0	55.8
10	5.0	95.7	46.3	7.3	14.5	153.5	24.6	10.7	15.2	37.1	2.9	29.7
11	5.7	85.1	157.5	7.1	13.2	94.2	60.2	22.8	13.9	52.8	2.8	15.0
12	23.2	93.4	238.1	41.9	16.8	71.9	40.1	19.6	12.6	4.94	2.7	10.2
13	79.6	108.5	211.0	157.1	75.6	56.1	27.7	16.9	10.4	26.1	2.7	7.8
14	15.5	119.7	131.5	192.4	119.2	43.6	20.9	95.5	9.1	17.5	2.7	6.5
15	8.4	98.6	396.2	127.1	75.6	150.2	17.7	48.2	8.2	19.3	2.6	5.6
16	7.9	88.9	207.6	118.1	70.4	234.3	15.3	39.7	7.7	30.8	2.4	5.1
17	8.1	63.6	115.5	58.2	46.7	114.3	11.8	20.0	7.5	202.7	2.4	4.6
18	8.7	54.7	80.4	103.0	84.5	67.4	9.9	13.6	7.2	71.1	2.5	4.3
19	8.2	77.9	46.9	75.6	75.4	47.4	9.5	10.2	6.7	36.8	2.3	3.9
20	23.2	90.8	69.6	50.0	31.2	34.6	10.4	7.9	6.1	24.3	2.3	3.8
21	14.6	63.9	52.0	76.1	61.6	27.0	8.6	10.8	5.9	18.5	2.2	3.4
22	11.1	50.2	53.2	145.4	42.3	21.2	17.6	20.8	5.6	15.1	2.2	3.3
23	11.1	91.3	110.9	176.7	31.2	17.0	17.0	175.1	5.1	12.5	2.8	3.1
24	37.8	81.8	70.4	247.8	48.1	12.1	14.5	260.0	4.8	9.0	2.6	3.0
25	27.2	121.3	46.4	214.3	85.8	14.6	11.7	279.5	4.7	8.5	2.2	2.8
26	21.5	87.4	41.4	117.8	73.2	33.2	10.1	110.7	5.0	8.3	2.0	2.8
27	30.3	151.3	43.6	114.9	50.5	50.5	8.7	51.4	6.4	7.5	1.9	2.7
28	63.9	154.3	33.8	56.2	66.0	121.7	7.4	31.5	6.0	6.8	1.7	2.7
29	45.0	100.0	25.7	62.9		83.5	6.4	23.0	4.5	6.1	1.7	2.6
30	52.2	76.7	18.3	49.6		55.0	6.0	18.5	4.4	5.7	1.6	2.5
31	35.1			114.7		44.5		14.7		5.2	1.7	
MEAN	18.7	76.3	102.0	77.3	67.2	63.4	28.4	44.9	16.5	24.0	2.7	6.6
MAX	199.9	241.9	662.8	374.9	456.6	308.2	82.6	313.0	176.0	294.1	5.1	115.8
MIN	3.5	24.6	15.6	6.0	13.0	10.0	5.7	6.7	4.0	2.7	1.5	1.5
IN	6.9	27.3	37.8	28.6	22.5	23.5	10.2	16.6	5.9	8.9	1.0	2.3

MEAN ANNUAL FLOW (cfs) 44.0

TOTAL RUNOFF (in) 191.5

Table 13

EAST FORK SNAHAPISH CREEK  
BASIN AREA = 8350 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	16.9	95.0	303.2	53.3	301.9	164.2	225.4	45.9	59.3	18.8	20.4	8.1
2	16.6	93.1	340.2	43.3	322.4	128.9	215.3	42.8	58.8	17.5	19.3	7.8
3	16.9	92.1	438.9	35.9	771.8	100.2	190.8	39.3	178.7	45.7	18.1	7.3
4	16.4	105.6	320.6	31.6	465.6	147.4	161.1	37.5	299.0	60.9	17.2	7.5
5	18.1	113.5	183.8	29.9	215.9	180.6	101.1	36.7	179.7	37.6	16.0	9.4
6	17.5	99.6	392.0	32.6	129.8	129.7	232.2	39.1	122.5	30.3	15.4	11.0
7	16.9	135.2	415.5	34.8	90.2	94.3	199.7	37.7	99.4	25.8	15.1	12.2
8	25.2	131.8	242.5	34.1	73.9	101.8	141.0	36.4	75.8	23.0	14.5	10.9
9	22.3	278.4	160.1	31.9	62.5	352.8	100.4	44.8	64.8	29.3	13.8	178.0
10	21.2	299.0	156.5	30.4	56.0	456.4	88.9	42.8	58.6	127.8	13.4	105.0
11	24.6	270.1	455.7	29.7	51.6	295.9	198.4	83.4	54.2	173.3	12.9	57.7
12	80.4	293.2	676.4	135.8	63.6	232.5	138.2	73.2	49.6	165.8	12.6	40.5
13	249.6	335.1	606.5	466.7	239.2	186.0	98.9	63.6	41.3	93.9	12.4	32.3
14	58.8	366.0	397.7	555.4	365.3	148.9	77.3	297.7	36.6	65.7	12.3	27.0
15	34.4	307.7	1053.3	385.7	242.0	438.1	65.4	162.1	33.6	72.0	12.0	23.7
16	32.6	280.6	594.1	361.3	227.3	665.8	58.6	136.3	31.8	107.5	11.4	21.9
17	33.4	207.8	354.4	192.0	157.7	350.6	46.2	74.2	30.9	583.2	11.5	19.9
18	35.1	182.1	256.5	315.4	267.8	219.2	39.7	52.7	29.7	229.5	11.9	18.9
19	33.6	246.7	158.0	242.3	241.2	160.4	38.4	40.8	27.8	127.6	11.1	17.6
20	83.8	285.3	234.5	167.9	110.1	121.0	41.6	32.5	26.1	89.0	10.9	16.7
21	55.9	209.1	205.0	240.8	201.7	95.8	35.0	42.7	25.2	69.3	10.4	15.7
22	43.9	168.4	174.3	433.8	144.6	78.5	65.5	75.1	23.7	57.8	10.6	14.8
23	43.8	286.2	177.8	517.5	109.9	64.1	64.2	510.5	22.0	48.9	13.2	14.2
24	129.1	255.6	337.7	697.1	158.8	47.2	55.8	731.1	20.8	35.4	12.1	13.5
25	97.2	270.1	227.7	614.1	271.5	55.8	46.1	780.2	20.2	35.3	10.5	13.0
26	79.5	275.9	157.4	360.7	236.2	115.3	40.3	340.3	21.5	33.8	9.8	12.6
27	105.8	450.2	142.3	213.7	169.0	169.1	35.5	171.9	27.0	30.7	9.1	12.4
28	209.4	456.8	149.2	185.5	214.8	370.7	30.5	111.5	25.3	28.5	8.6	12.5
29	153.0	311.7	118.9	205.6		265.4	27.1	83.9	21.4	26.1	8.2	12.1
30	174.4	246.3	92.7	166.5		182.4	25.4	69.4	19.2	24.2	8.0	11.8
31	122.1		68.7	351.7		151.5		56.5		22.0	8.0	
MEAN	66.7	241.7	309.8	236.7	213.0	202.3	98.9	141.7	59.5	81.8	12.6	25.5
MAX	575.5	685.5	1012.4	672.4	1209.9	857.0	262.6	62.6	515.7	813.0	21.9	352.7
MIN	16.0	87.8	59.1	29.9	51.4	40.4	24.1	27.7	18.0	16.5	7.6	7.2
IN	5.9	20.7	27.4	20.9	17.0	17.9	8.5	12.5	5.1	7.2	1.1	2.2

MEAN ANNUAL FLOW (cfs) 140.9

TOTAL RUNOFF (in) 145.4

Table 14

BULL CREEK  
BASIN AREA =1470 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.3	6.1	51.1	5.2	46.4	32.1	49.6	11.3	13.5	2.7	4.1	2.0
2	0.3	5.9	61.7	3.8	50.0	23.0	46.4	9.8	12.8	2.5	4.0	2.0
3	0.3	5.8	98.0	3.0	136.2	16.3	39.4	8.3	26.6	6.3	3.8	4.8
4	0.3	7.4	55.3	2.3	75.9	27.8	31.3	7.5	45.3	5.4	3.5	2.3
5	0.3	8.4	20.4	2.1	32.0	36.6	37.2	7.1	36.5	3.5	3.3	1.1
6	0.3	6.7	82.6	2.5	18.2	23.3	51.6	8.2	27.9	3.0	3.1	1.1
7	0.3	11.4	89.9	2.7	16.9	15.1	42.1	7.6	22.5	2.7	2.9	1.1
8	0.5	10.9	33.7	2.6	16.2	16.9	26.1	7.0	18.2	2.6	2.8	20.3
9	0.4	49.1	15.7	2.4	12.0	91.2	16.4	10.8	15.3	5.4	2.7	12.6
10	0.4	50.3	16.6	2.2	9.2	131.4	14.0	13.6	13.1	23.6	2.6	6.0
11	0.5	40.6	113.3	2.1	7.5	72.3	41.6	19.5	11.5	26.1	2.5	3.7
12	8.0	47.6	214.4	31.9	8.2	51.7	25.4	18.2	10.1	22.8	2.4	2.8
13	42.9	60.0	175.7	158.4	31.6	38.0	15.0	16.8	8.9	14.3	2.3	2.4
14	2.7	69.8	82.3	215.8	63.7	28.1	11.4	42.5	8.0	10.9	2.2	2.1
15	1.0	51.2	529.9	119.1	39.2	135.3	9.3	30.7	7.2	12.6	2.2	1.9
16	0.9	43.8	181.7	106.0	38.2	219.4	7.8	24.0	6.5	20.8	2.1	1.7
17	0.9	25.2	66.0	40.1	27.1	91.4	5.6	19.0	5.9	55.5	2.1	1.5
18	1.0	19.9	36.9	95.0	31.7	47.8	4.6	15.4	5.5	31.2	2.1	1.4
19	0.9	39.1	16.1	57.5	38.1	31.0	4.4	13.5	4.8	20.8	2.1	1.3
20	5.5	45.3	32.1	31.5	30.0	21.1	4.9	11.6	4.6	15.9	2.1	1.3
21	2.4	25.6	24.8	39.6	29.4	15.6	3.8	10.2	4.3	12.8	2.0	1.2
22	1.5	17.1	18.3	65.6	22.1	11.6	9.4	13.9	4.0	11.5	2.0	1.2
23	1.7	47.7	19.0	76.6	18.7	8.9	8.9	69.1	3.8	9.6	2.3	1.2
24	11.7	46.0	69.7	100.9	23.1	5.9	7.3	94.9	3.6	8.3	2.1	1.1
25	6.4	72.0	30.0	89.4	39.6	7.4	5.6	113.5	3.8	7.4	2.0	1.1
26	4.4	42.2	15.2	55.9	32.0	20.1	4.7	76.2	4.9	6.7	2.0	1.1
27	9.0	104.7	12.7	54.4	23.5	33.6	3.9	46.8	4.3	6.0	2.0	1.1
28	25.5	110.0	13.7	32.5	33.0	100.0	3.2	32.6	3.3	5.6	2.0	1.1
29	14.5	52.5	9.1	35.0		62.4	2.7	24.6	2.9	5.2	2.0	1.1
30	18.6	34.1	5.8	29.7		37.1	2.5	19.2		4.8	2.0	1.1
31	9.7		3.4	54.6		28.7		15.9		4.3	2.0	
MEAN	5.6	38.5	70.8	49.1	33.9	47.8	17.9	26.4	11.5	12.0	2.5	2.8
MAX	156.4	218.4	1098.3	226.3	230.4	308.9	60.7	132.3	72.2	71.1	4.2	61.4
MIN	0.3	5.2	2.5	2.0	7.3	4.7	2.3	6.7	2.7	2.4	1.9	1.1
IN	2.8	18.7	35.5	24.6	15.4	24.0	8.7	13.3	5.6	6.0	1.3	1.4

MEAN ANNUAL FLOW (cfs) 26.6

TOTAL RUNOFF (in) 157.3

Table 15

MANOR CREEK  
BASIN AREA = 2633 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.6	27.2	88.8	24.9	84.6	69.3	88.4	19.7	23.1	6.1	8.6	4.7
2	4.5	26.7	99.6	20.9	88.1	57.4	85.5	17.6	22.0	5.7	8.1	4.7
3	4.6	26.4	129.0	18.1	154.9	47.4	77.7	15.3	39.2	11.7	7.9	9.6
4	4.4	30.3	93.7	15.8	111.4	63.4	68.2	14.1	63.8	10.6	7.4	5.0
5	5.0	32.6	53.3	15.2	68.9	74.5	74.7	13.5	53.0	7.5	7.1	2.7
6	4.8	28.6	114.9	16.3	50.3	57.7	90.6	15.2	42.4	6.5	6.7	2.7
7	4.6	38.9	122.0	17.1	48.0	45.1	80.5	14.2	35.4	6.0	6.3	2.7
8	6.9	37.9	70.7	16.7	67.1	47.4	61.5	13.3	29.5	5.9	6.1	29.3
9	6.2	81.4	46.3	15.8	39.8	124.2	47.4	19.0	25.6	10.6	6.0	21.6
10	5.9	78.4	45.3	15.2	34.4	151.9	43.1	23.3	22.4	36.5	5.8	11.6
11	6.8	78.9	137.2	15.1	30.5	108.9	80.0	31.4	20.2	39.5	5.5	7.8
12	23.1	85.7	200.6	54.9	32.2	90.4	60.6	29.6	18.0	35.7	5.3	6.2
13	72.8	97.8	179.4	169.7	64.3	76.3	46.9	27.6	16.2	24.2	5.1	5.3
14	16.7	107.3	116.7	197.1	100.3	64.2	38.7	60.2	15.0	19.2	4.9	4.8
15	9.6	90.0	314.5	143.3	77.5	142.5	34.6	46.0	13.6	21.6	4.9	4.4
16	9.1	82.0	175.8	135.1	76.3	302.7	31.2	37.3	12.5	32.0	4.9	4.0
17	9.3	60.2	103.7	77.3	63.0	123.9	26.0	30.7	11.5	75.3	4.9	3.7
18	9.8	52.8	74.7	118.6	68.8	85.5	23.3	25.8	10.8	46.5	4.9	3.4
19	9.4	71.9	45.9	95.0	76.4	67.9	22.6	23.0	10.2	33.1	4.9	3.1
20	24.0	83.6	68.4	68.7	66.7	54.7	24.1	20.3	9.8	26.4	4.8	3.0
21	15.8	60.8	59.6	76.2	66.0	46.1	21.0	18.2	9.3	22.0	4.7	3.0
22	12.4	48.8	50.5	103.0	56.0	39.1	33.8	23.3	8.9	20.2	4.7	2.9
23	12.3	83.6	51.4	113.1	51.1	33.7	33.6	89.9	8.2	17.3	5.2	2.8
24	37.5	74.7	99.0	131.1	56.1	26.6	30.0	118.3	7.8	15.3	4.8	2.7
25	27.8	108.4	66.3	122.9	77.7	30.1	26.0	127.6	7.4	13.9	4.7	2.7
26	22.6	80.9	45.5	94.4	69.1	52.9	23.6	98.2	7.8	12.8	4.7	2.7
27	30.5	132.4	41.0	92.0	58.2	70.7	21.1	65.4	9.8	11.7	4.7	2.7
28	60.7	134.5	43.1	69.7	70.5	128.9	18.9	48.3	8.8	11.0	4.7	2.7
29	44.2	91.0	34.2	72.5		100.2	17.4	38.2	7.0	10.3	4.7	2.7
30	50.5	71.9	26.5	66.3		75.0	16.3	31.0	6.4	9.7	4.7	2.7
31	35.1		19.6	93.1		65.0		26.5		8.9	4.7	
MEAN	19.1	70.5	90.9	73.7	67.4	78.3	44.9	38.4	19.2	19.8	5.6	5.6
MAX	169.9	204.5	506.6	313.2	210.2	246.7	98.7	157.8	93.7	92.0	8.8	82.5
MIN	4.3	25.6	16.7	14.7	29.9	24.3	15.7	12.5	6.1	5.4	4.7	2.7
IN	5.4	19.2	25.5	20.7	17.1	22.0	12.2	10.8	5.2	5.5	1.6	1.5

MEAN ANNUAL FLOW (cfs) 44.5

TOTAL RUNOFF (in) 146.7

Table 16

LONG CREEK  
BASIN AREA = 1350 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.8	12.5	46.1	11.2	43.6	35.0	45.8	8.7	10.3	2.4	3.5	1.8
2	1.7	12.2	52.3	9.3	45.6	28.4	44.0	7.7	9.9	2.2	3.3	1.8
3	1.7	12.1	69.8	7.9	85.3	23.0	39.8	6.6	19.1	5.0	3.1	4.0
4	1.7	14.0	48.9	6.8	59.3	31.8	34.5	5.9	32.0	4.4	3.0	1.9
5	1.9	15.3	26.2	6.5	34.9	38.0	38.1	5.7	26.1	3.0	2.8	1.0
6	1.8	13.2	61.7	7.1	24.6	28.6	47.0	6.5	20.3	2.5	2.6	1.0
7	1.7	18.5	65.6	7.5	23.3	21.8	41.4	6.1	16.6	2.3	2.5	1.0
8	2.7	18.0	35.8	7.2	22.9	23.1	30.7	5.6	13.6	2.3	2.4	14.4
9	2.4	42.4	22.4	6.8	19.0	66.9	23.0	8.4	11.6	4.4	2.3	9.7
10	2.3	45.4	22.1	6.5	16.1	83.5	20.7	10.4	10.1	17.3	2.2	4.8
11	2.7	40.4	74.9	6.5	14.1	57.8	41.0	14.5	9.0	19.0	2.1	3.1
12	11.0	44.4	113.6	28.1	15.0	47.0	30.2	13.7	7.9	16.8	2.0	2.4
13	37.7	51.3	100.4	94.2	32.6	38.9	22.7	12.7	7.0	10.9	1.9	2.0
14	7.3	66.7	62.4	111.6	62.8	32.2	18.4	30.0	6.4	8.4	1.9	1.8
15	3.9	46.7	188.6	78.2	39.6	78.8	16.2	22.2	5.8	9.7	1.9	1.6
16	3.8	42.1	98.7	73.5	38.9	115.4	14.5	17.7	5.3	15.2	1.9	1.5
17	3.8	30.1	54.8	39.6	31.5	66.7	11.8	14.2	4.9	30.4	1.9	1.4
18	4.0	25.9	38.1	64.1	34.7	44.7	10.4	11.8	4.5	22.5	1.9	1.3
19	3.8	36.9	22.2	49.8	39.0	34.2	10.1	10.3	4.2	15.4	1.9	1.1
20	10.9	43.2	34.5	34.6	33.5	27.0	10.9	9.0	4.0	12.0	1.8	1.1
21	6.9	30.3	29.8	39.0	33.2	22.3	9.4	8.0	3.8	9.9	1.8	1.1
22	5.2	23.7	24.7	54.2	27.7	18.6	15.8	10.5	3.6	8.9	1.8	1.0
23	5.2	43.3	26.2	60.2	25.1	15.7	15.7	47.0	3.3	7.6	2.0	1.0
24	17.9	38.8	52.6	70.9	27.8	12.1	13.9	63.3	3.1	6.6	1.8	1.0
25	12.8	57.6	33.3	66.0	39.8	13.9	11.8	74.7	3.0	5.8	1.8	1.0
26	10.2	41.6	22.0	49.2	34.9	26.0	10.6	51.6	3.2	5.4	1.8	1.0
27	14.3	71.9	19.6	47.9	28.9	35.9	9.5	32.9	4.1	4.9	1.8	1.0
28	30.3	73.2	20.7	35.3	35.7	69.8	8.3	23.5	3.6	4.6	1.8	1.0
29	21.3	47.3	16.1	37.0		52.6	7.6	18.1	2.8	4.0	1.8	1.0
30	24.7	36.4	12.1	33.3		38.2	7.1	14.3	2.5	3.6	1.8	1.0
31	16.5		8.7	40.5		32.7		12.0			1.8	
MEAN	8.8	36.2	48.5	38.7	34.3	40.7	22.0	18.8	8.7	9.0	2.2	2.3
MAX	94.2	115.4	313.3	185.7	119.4	142.4	52.3	86.3	49.2	48.4	3.6	41.9
MIN	1.6	11.9	7.2	6.1	14.1	10.7	6.7	5.4	2.4	2.1	1.8	1.0
IN	4.8	19.1	26.5	21.1	16.9	22.2	11.7	10.3	4.6	4.9	1.2	1.2

MEAN ANNUAL FLOW (cfs) 22.5

TOTAL RUNOFF (in) 144.5

Table 17

STEQUALEHO CREEK  
BASIN AREA = 6239 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	12.8	71.5	224.2	65.8	214.4	176.7	223.9	52.5	60.9	16.6	23.4	13.0
2	12.5	70.1	251.4	55.3	223.0	147.2	216.3	46.9	58.3	15.6	22.4	13.0
3	12.7	69.6	322.8	48.2	385.3	122.2	197.4	41.1	101.3	31.4	21.5	26.3
4	12.3	79.2	235.9	42.3	279.9	162.3	174.1	37.5	163.0	28.7	20.3	13.8
5	13.8	85.2	136.8	40.5	175.8	189.7	190.1	36.4	136.4	20.4	19.3	7.9
6	13.4	74.9	288.1	43.6	129.6	148.1	229.1	40.7	109.9	17.9	18.5	7.9
7	12.8	100.9	305.6	45.8	123.8	116.7	204.5	38.0	92.1	16.4	17.6	7.9
8	18.9	98.5	180.0	44.7	121.6	122.5	157.5	35.5	77.4	16.2	17.0	75.5
9	17.1	206.1	119.5	42.4	103.4	310.9	122.3	50.5	67.3	28.8	16.5	57.0
10	16.3	221.1	115.8	41.0	89.4	378.2	111.5	61.2	59.3	94.9	15.9	31.3
11	18.7	200.1	342.4	40.1	79.9	274.1	203.1	81.9	53.5	102.2	15.4	21.3
12	60.2	216.8	495.1	139.5	84.1	229.0	155.2	77.6	48.1	93.0	14.9	17.1
13	184.8	274.4	444.8	421.0	163.9	193.8	120.9	72.7	43.5	63.9	14.4	14.8
14	44.6	270.0	292.9	486.2	252.9	164.2	100.6	154.1	39.9	51.0	14.0	13.2
15	26.2	227.5	763.4	357.2	196.6	354.1	90.0	118.7	36.6	57.3	13.7	12.2
16	25.2	207.8	434.8	338.0	193.8	502.2	81.7	97.1	33.7	83.2	13.5	11.2
17	25.6	154.6	261.6	196.7	161.3	310.5	68.5	80.3	31.3	191.5	13.4	10.5
18	26.5	135.9	190.2	296.7	175.6	219.1	61.5	67.9	29.3	120.1	13.5	9.8
19	25.6	182.7	118.0	240.2	193.9	173.4	59.7	60.7	27.8	86.4	13.5	9.0
20	63.1	211.9	174.1	175.2	170.2	140.5	63.5	53.8	26.4	69.5	13.2	8.6
21	42.3	155.5	153.2	193.9	168.5	119.0	55.8	48.5	25.5	58.3	13.0	8.6
22	33.3	125.6	130.0	259.3	143.9	101.7	88.0	61.4	24.2	53.4	13.0	8.3
23	33.1	211.7	132.5	284.1	131.7	87.7	87.7	227.4	22.5	46.3	14.3	8.2
24	97.3	189.0	249.0	327.9	143.9	69.9	78.7	297.1	21.4	40.8	13.2	7.9
25	73.1	272.9	169.1	308.0	199.9	78.5	68.4	343.5	20.5	37.1	13.0	7.9
26	59.8	205.0	117.5	238.6	173.9	136.2	62.2	248.0	21.6	34.3	13.0	7.9
27	79.3	331.0	106.1	232.6	149.1	180.1	56.1	167.2	26.9	31.7	13.0	7.9
28	155.6	335.8	111.5	177.9	179.6	322.8	50.4	124.7	24.0	29.8	13.0	7.9
29	114.2	230.4	89.1	185.0		252.6	46.3	99.1	19.2	27.9	13.0	7.9
30	130.0	182.7	69.8	169.3		190.8	43.9	81.0	17.6	26.3	13.0	7.9
31	91.4		52.0	235.3		166.5		69.5		24.4	13.0	
MEAN	50.1	179.0	228.3	186.1	171.7	198.1	115.6	99.1	50.7	52.1	15.4	15.4
MAX	421.1	501.1	1211.0	764.8	516.9	606.2	250.7	391.0	237.6	234.4	23.9	207.6
MIN	11.9	68.1	44.6	38.9	78.2	62.3	42.1	33.8	16.7	15.0	13.0	7.9
IN	5.9	20.5	27.0	22.0	18.3	23.4	13.2	11.7	5.8	6.2	1.8	1.8

MEAN ANNUAL FLOW (cfs) 113.5

TOTAL RUNOFF (in) 135.6

KLOOCHMAN CREEK  
 BASIN AREA = 1600 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.3	17.5	31.4	14.0	77.2	19.1	38.1	13.3	13.3	5.3	5.5	3.2
2	4.1	14.8	34.9	12.6	66.2	15.6	35.5	11.9	13.3	5.1	5.4	3.1
3	4.0	13.1	50.4	11.5	173.0	13.4	31.5	10.8	23.5	7.4	5.2	3.0
4	3.9	12.1	36.1	10.7	103.3	16.7	29.7	10.7	31.9	7.1	5.1	3.1
5	4.3	10.9	30.2	10.5	43.1	24.2	38.2	12.0	25.7	5.7	4.9	3.3
6	3.9	10.3	70.1	10.5	29.3	18.0	48.8	12.6	21.4	5.4	4.8	3.1
7	4.2	9.9	81.6	10.5	23.2	14.6	38.4	12.5	18.4	5.1	4.8	3.0
8	7.5	9.6	37.2	10.5	19.1	12.5	28.8	11.4	15.7	5.0	4.6	8.6
9	4.8	49.0	26.9	10.5	15.2	24.9	24.1	13.8	14.1	7.0	4.5	15.3
10	4.5	46.5	26.7	10.2	14.6	107.8	22.1	13.9	13.3	15.5	4.4	7.8
11	5.2	45.2	76.8	10.0	13.3	53.4	42.5	18.4	12.4	16.9	4.3	5.6
12	22.0	42.8	117.2	73.3	13.6	34.6	30.3	17.7	11.7	14.8	4.3	4.9
13	115.8	47.3	90.1	211.0	24.7	26.9	24.8	16.2	11.1	11.0	4.2	4.5
14	25.5	33.8	54.9	346.6	49.1	21.9	21.1	23.8	10.1	9.4	4.1	4.2
15	17.3	47.7	223.8	236.4	32.1	145.5	20.0	19.9	9.3	9.8	4.1	4.1
16	14.2	46.7	149.5	167.7	33.8	199.0	19.2	18.1	8.9	11.0	4.0	3.9
17	11.5	32.0	47.3	61.1	26.2	72.0	16.7	16.4	8.6	34.3	3.9	3.8
18	10.3	24.4	32.0	106.8	27.6	36.9	15.7	14.7	8.2	20.5	3.9	3.7
19	9.6	21.8	27.2	47.3	28.3	28.8	15.0	13.2	7.8	14.9	3.9	3.6
20	20.2	25.4	38.5	30.3	23.9	24.6	15.6	12.2	7.2	12.4	3.8	3.5
21	18.6	22.1	34.2	25.8	22.8	21.3	14.3	11.1	6.9	10.7	3.6	3.5
22	16.7	18.5	30.2	34.5	19.1	19.2	18.8	14.8	6.6	10.1	3.8	3.4
23	13.9	18.9	30.6	41.4	16.2	17.0	19.4	54.2	6.3	9.1	3.9	3.3
24	27.9	20.5	51.1	92.9	16.6	16.0	17.3	80.2	6.0	8.3	3.6	3.3
25	26.6	30.9	37.0	54.4	21.6	20.3	15.9	96.3	5.9	7.8	3.6	3.2
26	19.0	23.9	28.0	36.2	18.8	37.9	14.3	49.3	6.1	7.2	3.5	3.2
27	16.2	94.9	25.9	48.0	15.3	62.9	13.5	29.4	7.3	6.8	3.5	3.0
28	33.1	181.7	26.8	48.2	19.8	116.0	12.5	22.5	6.3	6.5	3.4	2.9
29	28.6	58.2	22.9	70.6		68.9	12.3	18.7	5.7	6.3	3.4	3.0
30	25.9	34.8	19.5	47.4		37.8	13.1	15.8	5.5	5.9	3.3	3.1
31	21.8		16.2	85.8		34.6		14.0		5.7	3.3	
MEAN	17.6	35.5	51.8	64.1	35.1	43.9	23.6	22.6	11.6	9.9	4.1	4.2
MAX	317.2	209.2	380.3	527.5	215.7	261.9	67.6	120.6	58.7	25.6	5.6	43.0
MIN	3.8	9.5	13.7	10.0	12.9	11.8	12.0	10.5	5.3	5.0	3.3	2.8
IN	8.1	15.8	23.9	29.6	14.6	20.3	10.5	10.4	11.6	9.9	1.9	1.9

MEAN ANNUAL FLOW (cfs) 27.0

TOTAL RUNOFF (in) 158.5

Table 19

UPPER SOLLEKS RIVER  
BASIN AREA = 4950 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	13.1	52.0	92.6	41.7	225.7	56.6	112.2	39.6	39.5	15.9	16.7	9.8
2	12.5	44.2	102.8	37.5	193.6	46.4	104.5	35.3	39.5	15.4	16.2	9.5
3	12.0	38.9	148.1	34.5	501.6	39.9	92.9	32.5	69.4	22.4	15.8	9.4
4	11.7	36.1	106.3	32.1	301.1	49.7	87.7	32.0	94.1	21.4	15.4	9.6
5	13.0	32.6	89.2	31.2	126.8	71.8	112.3	35.8	76.2	17.2	14.9	10.1
6	11.8	30.9	205.2	31.2	86.7	53.5	143.3	37.7	63.7	16.1	14.5	9.5
7	12.7	29.6	238.5	31.2	69.2	43.7	113.2	37.3	54.6	15.4	14.2	9.2
8	22.4	28.8	109.4	31.2	56.6	37.2	85.3	34.2	46.8	15.3	14.0	25.5
9	14.5	143.7	79.8	31.2	45.1	73.6	71.6	41.2	42.2	21.0	13.7	45.5
10	13.7	136.7	79.1	30.2	43.5	313.9	65.5	41.5	39.7	46.2	13.2	23.4
11	15.5	133.0	224.5	214.0	39.5	156.9	124.9	54.5	37.0	50.2	13.0	16.8
12	64.9	125.9	341.3	610.4	40.7	101.9	89.7	52.6	34.9	44.1	12.8	14.8
13	336.5	139.2	263.2	997.8	64.2	79.9	73.5	48.1	33.1	33.1	12.7	13.6
14	75.5	99.7	161.0	683.2	144.4	65.3	62.6	70.8	30.3	28.0	12.5	12.8
15	51.4	140.2	646.4	486.0	94.6	422.0	59.5	59.1	27.9	29.4	12.2	12.1
16	42.2	137.2	433.8	179.2	100.0	576.1	57.0	53.9	26.6	32.9	12.0	11.8
17	34.2	94.3	139.2	311.1	77.6	210.9	49.8	48.6	25.8	101.2	11.8	11.5
18	31.0	72.6	94.4	139.0	81.8	108.9	46.6	44.0	24.5	60.8	11.7	11.2
19	28.6	64.6	80.6	89.7	83.9	85.2	44.7	39.5	23.3	44.5	11.6	10.9
20	59.9	75.2	113.5	76.5	71.0	73.0	46.5	36.3	21.8	37.0	11.4	10.7
21	55.3	65.7	100.9	102.0	67.8	63.5	42.9	33.5	20.8	32.1	11.2	10.5
22	49.7	55.0	89.1	122.0	56.6	56.7	55.8	44.0	20.0	30.3	11.4	10.3
23	41.4	56.2	90.4	271.3	48.2	50.5	57.4	159.0	19.0	27.1	11.7	10.2
24	82.5	60.8	150.0	159.7	49.4	47.4	51.2	234.3	18.2	24.9	11.1	9.9
25	78.8	91.3	109.0	106.7	64.2	60.4	47.3	281.2	17.9	23.3	10.8	9.7
26	56.4	71.0	82.8	141.1	55.7	111.9	42.7	145.0	18.2	21.8	10.6	9.6
27	48.3	276.0	77.0	142.0	45.7	184.2	40.1	86.9	22.0	20.7	10.4	9.2
28	97.5	526.0	79.7	206.9	58.8	337.6	37.4	67.0	18.9	19.7	10.3	8.9
29	84.6	170.8	68.2	139.6		201.7	36.6	55.2	17.0	18.7	10.2	9.2
30	76.9	102.5	58.0	250.3		111.2	39.0	47.1	16.5	17.9	10.0	9.3
31	64.7		48.3			101.9		41.9		17.3	9.9	
MEAN	52.0	104.4	151.7	186.8	103.3	128.8	69.8	66.8	34.6	29.7	12.5	12.8
MAX	915.9	888.1	1108.9	1532.1	621.7	834.4	199.3	350.6	173.0	136.4	16.9	126.9
MIN	11.4	28.9	44.2	30.2	38.4	37.2	36.2	31.2	16.0	15.2	9.9	8.0
IN	7.8	15.1	22.6	27.8	13.9	19.2	10.1	10.0	5.0	4.4	1.9	1.8

MEAN ANNUAL FLOW (cfs) 79.4

TOTAL RUNOFF (in) 139.6

Table 20

WEST FORK KUNAMAKST CREEK  
BASIN AREA = 1690 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.8	19.5	35.0	15.6	86.4	21.2	42.5	14.7	14.7	5.9	6.1	3.5
2	4.6	16.5	39.0	13.9	74.0	17.3	39.5	13.1	14.7	5.7	5.9	3.4
3	4.4	14.5	56.3	12.8	194.1	14.9	35.1	12.0	26.1	8.3	5.9	3.4
4	4.2	13.4	40.2	11.9	115.7	18.5	33.1	11.8	35.5	7.9	5.7	3.5
5	4.7	12.0	36.6	11.5	48.1	27.0	42.5	13.3	28.6	6.3	5.5	3.7
6	4.3	11.4	78.5	11.5	32.7	20.0	54.4	14.0	23.8	5.9	5.3	3.4
7	4.6	11.0	91.4	11.5	26.9	16.3	42.9	13.9	20.4	5.7	5.2	3.3
8	8.2	10.6	41.4	11.5	21.2	13.9	32.1	12.7	17.5	5.6	5.1	9.5
9	5.3	54.7	30.0	11.5	16.9	27.7	26.9	15.4	15.7	7.7	5.0	17.0
10	5.0	51.9	29.8	11.3	16.3	120.6	24.6	15.5	14.8	17.3	4.8	8.6
11	5.7	50.4	85.8	11.2	14.7	59.8	47.4	20.4	13.8	18.8	4.8	6.2
12	24.5	47.8	131.2	82.0	15.1	38.5	33.8	19.7	13.0	16.4	4.7	5.4
13	129.9	52.8	100.9	237.0	24.1	30.0	27.6	18.0	12.3	12.3	4.7	5.0
14	28.4	37.6	61.3	389.7	54.9	24.5	23.5	26.6	1-2	10.4	4.6	4.7
15	19.2	53.3	251.5	265.4	35.7	163.3	22.3	22.2	10.3	10.8	4.4	4.5
16	15.7	52.1	167.6	187.9	37.6	223.2	21.4	20.0	9.9	12.2	4.3	4.3
17	12.7	35.6	52.9	68.3	29.2	80.6	18.5	18.1	9.5	38.2	4.3	4.2
18	11.5	27.3	35.6	119.8	30.8	41.2	17.5	16.5	9.1	22.8	4.3	4.1
19	10.6	24.3	30.3	52.8	31.6	32.1	16.7	14.7	8.6	16.6	4.2	4.0
20	22.5	28.3	43.0	33.8	26.7	27.4	17.4	13.6	8.1	13.8	4.2	3.9
21	20.7	24.7	38.1	28.8	25.4	23.9	16.0	12.5	7.7	11.9	4.0	3.9
22	18.6	20.6	33.6	38.5	21.2	21.2	20.9	16.4	7.4	11.2	4.2	3.7
23	15.4	21.0	34.1	46.2	17.9	18.9	21.5	60.5	7.0	10.0	4.3	3.7
24	31.1	22.8	57.1	104.1	18.5	17.6	19.1	89.7	6.7	9.2	4.0	3.7
25	29.7	34.4	41.2	60.8	24.1	22.6	17.7	107.9	6.6	8.6	3.9	3.5
26	21.1	26.7	31.2	40.4	20.9	42.4	16.0	55.1	6.7	8.1	3.9	3.4
27	18.1	106.4	29.0	53.6	17.1	70.2	15.0	32.8	8.1	7.7	3.8	3.3
28	36.9	204.0	29.9	53.9	22.0	129.9	13.9	25.2	6.9	7.2	3.7	3.2
29	31.9	65.1	25.6	79.1		77.1	13.6	20.7	6.2	6.9	3.7	3.3
30	28.9	38.7	21.7	53.0		42.1	14.5	17.6	6.1	6.6	3.7	3.3
31	24.3		18.1	96.0		38.5		15.6		6.3	3.6	
MEAN	19.6	39.6	57.9	71.8	39.2	49.1	26.3	25.2	12.9	4.8	4.6	4.7
MAX	355.8	346.4	433.5	603.7	241.7	325.2	76.1	134.7	65.5	51.6	6.1	48.3
MIN	4.2	10.6	16.4	11.5	10.2	13.4	13.4	11.5	5.9	5.6	3.4	2.9
IN	8.6	16.8	25.4	31.5	15.7	21.6	11.2	11.1	5.5	4.8	2.0	2.0

MEAN ANNUAL FLOW (cfs) 29.6

TOTAL RUNOFF (in) 156.2

Table 21

EAST FORK KUNAMAKST CREEK  
 BASIN AREA = 535 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.1	4.7	8.7	3.8	22.1	5.2	10.6	3.6	3.5	1.4	1.5	0.8
2	1.1	4.0	9.7	3.4	18.9	4.2	9.9	3.2	3.5	1.3	1.4	0.8
3	1.0	3.5	14.2	3.1	51.1	3.6	7.8	2.9	6.5	2.0	1.4	0.8
4	1.0	3.2	10.0	2.9	30.0	4.5	7.2	2.9	8.8	1.9	1.3	0.8
5	1.1	2.9	8.3	2.7	12.1	6.7	10.7	3.2	7.1	1.5	1.3	0.9
6	1.0	2.7	20.0	2.7	8.1	4.9	13.7	3.4	5.8	1.4	1.3	0.8
7	1.1	2.6	23.4	2.7	6.4	3.9	10.7	3.3	5.0	1.3	1.2	0.8
8	2.0	2.5	10.4	2.7	5.2	3.3	7.9	3.1	4.2	1.3	1.2	2.3
9	1.2	13.9	7.4	2.7	4.1	6.9	6.6	3.7	3.8	1.8	1.2	4.1
10	1.2	13.1	7.4	2.7	3.9	31.3	6.0	3.7	3.5	4.2	1.1	2.1
11	1.3	12.7	22.1	2.6	3.5	15.1	11.9	5.0	3.3	4.6	1.1	1.5
12	6.1	12.0	34.1	21.2	3.6	9.6	8.4	4.8	3.1	4.0	1.1	1.3
13	34.0	13.3	26.0	62.9	5.9	7.4	6.8	4.4	3.0	3.0	1.1	1.2
14	7.0	9.4	15.5	105.0	13.9	6.0	5.8	6.5	2.7	2.5	1.1	1.1
15	4.7	13.4	67.1	70.6	8.9	43.0	5.4	5.4	2.4	2.6	1.1	1.1
16	3.8	13.1	44.1	49.5	9.4	59.1	5.2	5.0	2.3	2.9	1.0	1.0
17	3.1	8.8	13.3	17.4	7.2	20.7	4.5	4.4	2.3	9.5	1.0	1.0
18	2.8	6.7	8.9	31.1	7.6	10.3	4.2	4.0	2.2	5.6	1.0	1.0
19	2.5	5.9	7.5	13.3	7.8	7.9	4.0	3.5	2.0	4.0	1.0	0.9
20	5.5	7.0	10.8	8.4	6.6	6.8	4.2	3.3	1.9	3.3	1.0	0.9
21	5.1	6.1	9.5	7.1	6.3	5.8	3.9	3.0	1.8	2.9	0.9	0.9
22	4.5	5.0	8.3	9.6	5.2	5.2	5.1	4.0	1.7	2.7	1.0	0.9
23	3.7	5.1	8.4	11.6	4.4	4.6	5.3	15.3	1.6	2.4	1.0	0.9
24	7.7	5.6	14.4	26.9	4.5	4.3	4.6	23.0	1.6	2.2	0.9	0.8
25	7.3	8.5	10.3	15.4	5.9	5.5	4.3	27.8	1.6	2.0	0.9	0.8
26	5.1	6.6	7.7	10.1	5.1	10.6	3.9	13.9	1.6	1.9	0.9	0.8
27	4.4	27.7	7.1	13.5	4.2	17.9	3.6	8.1	1.9	1.8	0.9	0.8
28	9.2	53.9	7.4	13.6	5.4	33.8	3.3	6.2	1.6	1.7	0.9	0.8
29	7.9	16.5	6.3	20.2		19.7	3.3	5.1	1.5	1.6	0.9	0.8
30	7.2	9.7	5.3	13.4		10.6	3.5	4.3	1.4	1.6	0.9	0.8
31	6.0		4.4	24.6		9.6		3.8		1.5	0.8	
MEAN	4.9	10.0	14.8	18.6	9.9	12.5	6.5	6.2	3.1	2.7	1.1	1.1
MAX	92.9	93.2	117.8	161.4	64.0	87.3	19.2	34.7	16.8	13.1	1.5	12.0
MIN	1.0	2.6	4.1	2.6	3.4	3.2	3.3	2.9	1.4	1.3	0.7	0.3
IN	6.7	13.4	20.4	25.6	12.3	17.2	8.6	8.6	4.2	3.7	1.5	1.5

MEAN ANNUAL FLOW (cfs) 7.6

TOTAL RUNOFF (in) 123.7

Table 22

WEST FORK WILSON CREEK  
BASIN AREA = 570 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.3	5.4	9.8	4.3	24.2	5.9	11.9	4.1	4.1	1.6	1.7	1.0
2	1.3	4.6	10.9	3.9	20.7	4.8	11.1	3.7	4.1	1.6	1.7	1.0
3	1.2	4.1	15.8	3.6	54.4	4.2	9.8	3.4	7.3	2.3	1.6	0.9
4	1.2	3.7	11.3	3.3	32.4	5.2	9.3	3.3	9.9	2.2	1.6	1.0
5	1.3	3.4	9.4	3.2	13.5	7.6	11.9	3.7	8.0	1.8	1.5	1.0
6	1.2	3.2	22.0	3.2	9.1	5.6	15.2	3.9	6.7	1.6	1.5	1.0
7	1.3	3.0	25.6	3.2	7.2	4.6	12.0	3.9	5.7	1.6	1.4	0.9
8	2.3	3.0	11.6	3.2	5.9	3.9	9.0	3.5	4.9	1.5	1.4	2.7
9	1.5	15.3	8.4	3.2	4.7	7.8	7.5	4.3	4.4	2.2	1.4	4.7
10	1.4	14.6	8.4	3.1	4.5	33.8	6.9	4.3	4.1	4.8	1.3	2.4
11	1.6	14.2	24.1	3.1	4.1	16.7	13.3	5.7	3.8	5.2	1.3	1.7
12	6.9	13.4	36.8	23.0	4.2	10.8	9.5	5.5	3.6	4.6	1.3	1.5
13	36.4	14.8	28.3	66.4	6.8	8.4	7.7	5.0	3.4	3.4	1.3	1.4
14	7.9	10.6	17.2	109.2	15.4	6.9	6.6	7.4	3.1	2.9	1.3	1.3
15	5.4	14.9	70.5	74.4	10.0	45.7	6.2	6.2	2.9	3.0	1.3	1.2
16	4.4	14.6	47.0	52.7	10.5	62.7	6.0	5.7	2.8	3.4	1.2	1.2
17	3.6	10.0	14.8	19.2	8.2	22.6	5.2	5.1	2.7	10.7	1.2	1.2
18	3.2	7.6	10.0	33.6	8.6	11.5	4.8	4.6	2.5	6.4	1.2	1.2
19	3.0	6.8	8.5	14.8	8.8	9.0	4.7	4.1	2.4	4.6	1.2	1.1
20	6.3	7.9	12.1	9.5	7.5	7.7	4.8	3.8	2.3	3.8	1.2	1.1
21	5.8	6.9	10.7	8.1	7.1	6.7	4.5	3.5	2.1	3.3	1.2	1.1
22	5.2	5.8	9.4	10.8	5.9	6.0	5.8	4.6	2.1	3.1	1.2	1.0
23	4.3	5.9	9.5	13.0	5.0	5.3	6.0	17.0	2.0	2.8	1.2	1.0
24	8.7	6.4	16.0	29.2	5.2	5.0	5.4	25.1	1.9	2.5	1.1	1.0
25	8.3	9.6	11.6	17.0	6.7	6.3	4.9	30.2	1.8	2.4	1.1	1.0
26	5.9	7.5	8.7	11.3	5.8	11.9	4.5	15.5	1.9	2.3	1.1	1.0
27	5.0	29.8	8.1	15.0	4.8	19.7	4.2	9.2	2.3	2.1	1.1	0.9
28	10.3	57.2	8.4	15.1	6.1	36.4	3.9	7.0	1.9	2.0	1.0	0.9
29	8.9	18.2	7.2	22.1		21.6	3.8	5.8	1.7	1.9	1.0	0.9
30	8.1	10.9	6.1	14.9		11.8	4.0	4.9	1.7	1.8	1.0	0.9
31	6.8		5.1	26.9		10.8		4.4		1.8	1.0	
MEAN	5.4	11.1	16.2	20.1	11.0	13.8	7.3	7.0	3.6	3.1	1.3	1.3
MAX	100.4	96.7	121.0	167.1	67.4	90.8	21.1	37.7	18.5	14.5	1.7	13.4
MIN	1.1	2.9	4.5	3.1	2.2	3.5	3.8	3.2	1.6	1.5	0.9	0.8
IN	7.1	13.9	21.0	26.0	12.8	17.8	9.2	9.1	4.5	4.0	1.6	1.6

MEAN ANNUAL FLOW (cfs) 8.4

TOTAL RUNOFF (in) 128.6

EAST FORK WILSON CREEK  
BASIN AREA = 390 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.1	4.5	8.2	3.6	20.8	4.9	10.0	3.4	3.4	1.3	1.4	0.8
2	1.0	3.8	9.2	3.2	17.8	4.0	9.4	3.0	3.4	1.3	1.4	0.7
3	1.0	3.3	13.4	3.0	47.4	3.4	8.2	2.8	6.1	1.9	1.3	0.8
4	1.0	3.1	9.5	2.7	27.9	4.3	7.8	2.7	8.4	1.8	1.3	0.8
5	1.1	2.8	7.9	2.7	11.4	6.3	10.0	3.1	6.7	1.4	1.2	0.8
6	1.0	2.7	18.8	2.7	7.7	4.6	12.9	3.2	5.6	1.3	1.2	0.8
7	1.1	2.5	22.0	2.7	6.0	3.8	10.1	3.2	4.7	1.3	1.2	0.7
8	1.9	2.4	9.8	2.7	4.9	3.2	7.5	2.9	4.1	1.3	1.2	2.2
9	1.2	13.1	7.1	2.7	3.9	6.5	6.3	3.6	3.6	1.8	1.1	3.9
10	1.1	12.3	7.0	2.6	3.8	29.2	5.8	3.6	3.4	4.0	1.1	2.0
11	1.3	12.0	20.7	2.5	3.4	14.2	11.2	4.8	3.2	4.4	1.1	1.4
12	5.8	11.3	31.7	19.7	3.5	9.1	8.0	4.5	3.0	3.8	1.0	1.2
13	31.6	12.6	24.3	58.2	5.7	7.1	6.5	4.2	2.8	2.8	1.0	1.1
14	6.7	8.9	14.6	96.4	13.1	5.7	5.5	6.2	2.6	2.4	1.0	1.1
15	4.5	12.7	61.9	65.2	8.4	39.9	5.2	5.1	2.3	2.5	1.0	1.0
16	3.6	12.4	40.8	45.8	8.9	54.8	5.0	4.7	2.3	2.8	1.0	1.0
17	2.9	8.4	12.5	16.3	6.9	19.3	4.4	4.3	2.2	9.0	1.0	1.0
18	2.6	6.4	8.4	28.9	7.3	9.7	4.0	3.8	2.1	5.3	1.0	0.9
19	2.4	5.7	7.1	12.6	7.5	7.6	3.9	3.4	1.9	3.8	1.0	0.9
20	5.2	6.6	10.2	8.0	6.2	6.4	4.0	3.1	1.8	3.2	1.0	0.9
21	4.8	5.8	9.0	6.7	5.9	5.6	3.7	2.9	1.8	2.8	0.9	0.9
22	4.3	4.8	7.9	9.1	5.0	4.9	4.9	3.8	1.7	2.6	0.9	0.8
23	3.6	4.9	8.0	10.9	4.2	4.4	5.0	14.5	1.6	2.3	1.0	0.8
24	7.3	5.3	13.6	25.1	4.3	4.1	4.5	21.5	1.5	2.1	0.9	0.8
25	7.0	8.1	9.7	14.5	5.7	5.3	4.1	26.0	1.5	2.0	0.9	0.8
26	4.9	6.3	7.3	9.5	4.9	10.0	3.7	13.1	1.5	1.8	0.9	0.8
27	4.2	25.8	6.8	12.7	4.0	16.8	3.4	7.7	1.9	1.7	0.9	0.7
28	8.7	49.9	7.1	12.8	5.1	31.5	3.2	5.9	1.6	1.7	0.8	0.7
29	7.5	15.6	6.0	18.9		18.4	3.2	4.8	1.4	1.6	0.8	0.7
30	6.8	9.1	5.1	12.6		10.0	3.3	4.1	1.4	1.5	0.8	0.8
31	5.7		4.2	23.0		9.1		3.6		1.5	0.8	
MEAN	4.6	9.4	26.2	17.3	9.3	11.7	6.2	5.9	3.0	2.5	1.0	1.1
MAX	87.8	85.9	107.1	148.8	58.6	80.2	18.2	32.2	15.8	12.2	1.5	11.3
MIN	1.0	2.4	3.5	2.5	3.3	3.0	3.2	2.7	1.4	1.3	0.8	0.6
IN	8.7	17.3	26.2	32.8	15.9	22.2	11.3	11.2	5.5	4.8	2.0	1.9

MEAN ANNUAL FLOW (cfs) 8.2

TOTAL RUNOFF (in) 159.8

Table 24

DINGALING CREEK  
BASIN AREA = 750 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.4	6.5	12.1	5.1	32.1	7.1	15.0	4.8	4.8	1.8	1.9	1.0
2	1.3	5.4	13.6	4.5	27.3	5.7	13.9	4.2	4.8	1.7	1.8	1.0
3	1.3	4.7	20.3	4.1	76.3	4.9	12.2	3.9	9.0	2.6	1.8	1.0
4	1.2	4.3	14.1	3.8	44.0	6.2	11.5	3.8	12.4	2.5	1.7	1.0
5	1.4	3.9	11.7	3.7	17.1	9.2	15.1	4.3	9.8	1.9	1.7	1.1
6	1.2	3.7	29.1	3.7	11.3	6.7	19.6	4.6	8.1	1.8	1.6	1.0
7	1.4	3.5	34.1	3.7	8.9	5.3	15.1	4.5	6.9	1.7	1.6	1.0
8	2.6	3.4	14.6	3.7	7.1	4.5	11.1	4.1	5.8	1.7	1.5	3.2
9	1.6	19.8	10.3	3.7	5.5	9.6	9.2	5.0	5.2	2.4	1.5	5.7
10	1.5	18.6	10.2	3.6	5.3	45.9	8.4	5.1	4.8	5.7	1.5	2.7
11	1.7	18.0	32.0	3.5	4.8	21.6	16.9	6.8	4.4	6.3	1.4	1.9
12	8.6	17.0	50.2	30.9	4.9	13.5	11.7	6.6	4.2	5.4	1.3	1.6
13	50.5	19.0	37.8	94.8	8.2	10.4	9.4	6.0	4.0	3.9	1.3	1.5
14	9.8	13.2	22.2	161.0	19.8	8.3	8.0	9.1	3.6	3.3	1.3	1.4
15	6.4	19.1	101.6	106.6	12.4	64.3	7.5	7.5	3.3	3.5	1.3	1.3
16	5.2	18.6	65.7	73.9	13.2	88.9	7.2	6.8	3.1	3.9	1.3	1.3
17	4.1	12.4	18.9	25.0	10.0	29.8	6.2	6.0	3.0	13.4	1.2	1.2
18	3.7	9.3	12.4	45.7	10.6	14.5	5.7	5.4	2.8	7.7	1.2	1.2
19	3.4	8.2	10.5	18.9	10.9	11.1	5.5	4.8	2.7	5.5	1.2	1.1
20	7.6	9.7	15.2	11.7	9.1	9.4	5.7	4.4	2.5	4.5	1.2	1.1
21	6.9	8.4	13.3	9.9	8.6	8.1	5.3	4.0	2.4	3.8	1.2	1.1
22	6.2	6.9	11.7	13.5	7.2	7.2	7.0	5.4	2.4	3.6	1.2	1.1
23	5.1	7.1	11.9	16.4	6.0	6.3	7.2	22.0	2.1	3.2	1.3	1.1
24	10.8	7.7	20.7	39.3	6.1	5.8	6.4	33.4	2.0	2.9	1.2	1.0
25	10.2	12.0	14.5	22.0	8.2	7.6	5.8	40.7	1.9	2.7	1.1	1.0
26	7.1	9.1	10.8	14.1	7.0	15.0	5.2	19.8	2.0	2.5	1.1	1.0
27	6.0	41.1	9.9	19.2	5.6	25.7	4.9	11.3	2.5	2.4	1.1	1.0
28	12.9	80.9	10.3	19.4	7.4	49.7	4.5	8.5	2.1	2.2	1.1	1.0
29	11.0	23.7	8.7	29.2		28.4	4.4	7.0	1.9	2.1	1.1	1.0
30	9.9	13.6	7.3	19.0		15.0	4.8	5.8	1.9	2.0	1.0	1.0
31	8.2		6.0	36.0		13.5		5.1		1.9	1.0	
MEAN	6.8	14.3	21.3	27.4	14.1	18.1	9.0	8.6	4.2	3.6	1.3	1.4
MAX	146.6	141.5	179.0	255.5	96.2	132.5	24.8	51.6	23.9	18.6	1.9	17.2
MIN	1.2	3.4	5.0	3.5	2.5	4.1	4.4	3.7	1.8	1.7	0.9	0.7
IN	6.6	13.6	21.0	27.0	12.5	17.7	8.6	8.6	4.0	3.5	1.3	1.3

MEAN ANNUAL FLOW (cfs) 10.8

TOTAL RUNOFF (in) 125.7

UPPER CLEARWATER RIVER  
BASIN AREA = 9590 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	20.2	92.2	174.2	72.3	467.3	101.5	215.5	68.2	67.9	24.9	26.4	14.5
2	19.0	77.0	195.7	64.0	396.6	81.2	199.2	60.2	67.9	23.9	29.7	14.2
3	18.2	66.8	292.5	58.7	1121.4	68.8	174.8	54.9	129.1	36.8	24.7	13.8
4	17.6	61.4	203.0	54.0	642.2	88.0	164.4	53.8	177.2	34.6	23.8	14.3
5	19.9	55.0	167.2	52.1	246.9	131.8	216.5	61.2	140.5	27.1	23.1	15.0
6	17.7	51.5	421.3	52.1	162.1	95.0	282.1	64.5	115.2	25.3	22.3	14.3
7	19.4	49.7	496.4	52.1	126.3	76.0	217.6	63.6	97.3	24.0	22.1	13.5
8	36.5	48.1	209.6	52.1	101.5	63.5	159.0	58.0	81.9	32.9	21.4	44.5
9	22.3	287.2	147.9	52.1	78.8	136.9	131.1	71.3	73.3	33.7	20.9	60.5
10	21.0	268.3	147.2	51.2	75.7	671.6	119.2	71.9	68.4	81.2	20.3	38.2
11	24.3	259.8	465.5	50.2	68.0	312.4	242.9	97.2	63.1	89.2	20.1	26.5
12	124.1	244.8	733.9	450.7	70.3	193.7	168.2	93.5	59.3	76.8	19.6	22.9
13	741.3	273.5	551.3	1400.7	117.8	148.2	135.1	84.3	56.2	55.8	19.3	20.8
14	139.3	188.9	321.1	2394.4	286.0	118.5	113.3	129.7	50.7	46.5	18.9	19.7
15	90.8	275.6	1504.3	1576.4	178.4	946.0	106.9	105.9	46.1	49.1	18.7	18.7
16	73.2	269.0	966.6	1087.1	188.8	1310.8	102.2	95.8	44.0	56.0	18.1	17.8
17	58.1	177.9	273.5	362.1	143.4	433.7	87.5	85.4	42.5	192.4	17.6	17.4
18	52.0	133.3	178.1	667.6	152.0	208.4	81.6	76.7	40.3	109.8	17.6	17.0
19	47.8	117.2	149.6	273.2	156.1	158.9	78.0	67.9	38.2	77.6	17.6	16.3
20	108.2	138.7	218.3	168.1	130.1	134.1	81.5	61.7	35.2	63.2	17.1	15.8
21	98.7	119.5	191.6	141.4	123.6	115.1	74.6	56.9	33.5	54.1	17.0	15.7
22	87.6	98.2	167.0	194.2	101.4	101.5	100.0	77.1	32.1	50.6	17.3	15.2
23	71.7	100.4	169.7	235.9	84.5	89.1	103.0	318.9	30.2	44.9	17.7	15.2
24	155.0	109.5	299.0	573.2	87.5	83.0	90.5	484.9	28.8	40.9	16.7	14.8
25	146.0	171.6	208.7	318.7	116.5	108.9	83.0	593.3	28.2	38.0	16.0	14.4
26	101.0	129.8	153.9	203.8	99.7	215.2	74.3	286.6	28.8	35.2	15.8	14.5
27	84.8	602.2	142.3	277.8	79.9	372.4	69.3	162.5	35.6	33.2	15.6	13.8
28	184.8	1192.3	147.6	279.5	105.3	727.1	63.7	122.0	30.0	31.4	15.2	13.1
29	157.6	343.1	124.4	423.9		412.3	62.3	98.6	27.0	29.8	15.2	13.5
30	142.1	195.2	104.1	273.9		215.6	67.0	82.6	26.0	28.4	15.0	13.4
31	117.5		84.9	523.2		193.6		72.7		27.2	14.6	
MEAN	97.3	206.6	310.0	401.2	203.9	261.7	128.8	125.2	59.8	50.5	19.1	20.0
MAX	2172.3	2099.2	2682.5	3831.6	1418.0	1960.4	405.5	755.7	347.3	267.1	26.7	246.0
MIN	17.0	47.3	29.0	50.2	65.7	60.3	61.4	52.1	25.2	23.8	14.6	11.7
IN	7.5	15.4	23.9	30.9	14.2	20.1	9.6	9.6	4.5	3.9	1.5	1.5

MEAN ANNUAL FLOW (cfs) 157.0

TOTAL RUNOFF (in) 142.6

Table 26

SUZY CREEK  
 BASIN AREA = 1030 ACRES

DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	3.0	12.1	21.8	9.7	53.8	13.2	26.4	9.1	9.1	3.6	3.8	2.2
2	2.9	10.2	24.2	8.6	46.1	10.8	24.6	8.2	9.1	3.5	3.7	2.1
3	2.7	9.0	35.0	8.0	121.0	9.2	21.8	7.5	16.2	5.1	3.6	2.1
4	2.6	8.3	25.0	7.4	72.1	11.5	20.6	7.3	22.0	4.9	3.5	2.1
5	2.9	7.5	20.9	7.1	29.9	16.8	26.4	8.2	17.8	3.9	3.4	2.3
6	2.7	7.1	48.9	7.1	20.3	12.4	33.9	7.8	14.8	3.7	3.3	2.1
7	2.9	6.8	56.9	7.1	16.1	10.1	26.7	7.6	12.7	3.5	3.2	2.1
8	5.1	6.6	25.8	7.1	13.2	8.6	20.0	7.9	10.9	3.5	3.2	5.9
9	3.3	34.1	18.7	7.1	10.5	17.2	16.7	9.5	9.7	4.8	3.1	10.6
10	3.1	32.3	18.5	6.9	10.1	75.1	15.3	9.6	9.2	10.7	3.0	5.4
11	3.5	31.4	53.4	51.1	9.1	37.2	29.5	12.7	8.6	11.7	3.0	3.8
12	15.3	29.7	81.8	147.8	9.4	23.9	21.0	12.2	8.1	10.2	2.9	3.4
13	81.0	32.9	62.8	243.3	15.0	18.7	17.2	11.2	7.6	7.6	2.9	3.1
14	17.7	23.4	38.1	165.5	34.2	15.2	14.6	16.5	7.0	6.4	2.9	2.9
15	11.9	33.2	156.9	117.2	22.2	101.8	13.9	13.8	6.4	6.7	2.8	2.8
16	9.8	32.4	104.5	42.5	23.4	139.2	13.3	12.4	6.1	7.6	2.7	2.7
17	7.9	22.1	32.9	74.6	18.1	50.2	11.5	11.3	5.9	23.8	2.7	2.6
18	7.1	17.0	22.2	32.8	19.1	25.6	10.8	10.2	5.6	14.2	2.6	2.5
19	6.6	15.1	18.9	21.0	19.6	19.9	10.4	9.1	5.4	10.3	2.6	2.5
20	14.0	17.6	26.7	17.9	16.6	17.1	10.8	8.4	5-0	8.5	2.6	2.4
21	12.9	15.4	23.7	24.0	15.8	14.8	10.0	7.7	4.8	7.4	2.5	2.4
22	11.5	12.8	20.9	28.7	13.2	13.2	13.0	10.2	4.6	7.0	2.6	2.3
23	9.6	13.0	21.2	64.8	11.1	11.7	13.4	37.7	4.3	6.2	2.6	2.3
24	19.3	14.2	35.5	37.8	11.5	11.0	11.9	55.8	4.2	5.7	2.5	2.3
25	18.4	21.4	25.6	25.1	15.0	14.0	11.0	67.2	4.1	5.3	2.4	2.2
26	13.1	16.6	19.4	33.4	13.0	26.3	9.9	34.3	4.1	5.0	2.4	2.1
27	11.2	66.3	18.0	33.6	10.6	43.7	9.3	20.4	5.0	4.8	2.4	2.1
28	22.9	127.2	18.6	49.3	13.7	80.9	8.6	15.6	4.3	4.5	2.3	2.0
29	11.8	40.5	15.9	33.0		48.0	8.4	12.8	3.9	4.3	2.3	2.1
30	18.0	24.1	13.5	59.8		26.2	9.0	10.9	3.8	4.1	2.3	2.1
31	15.1		11.2			23.9		9.7		3.9	2.2	
MEAN	12.2	24.7	36.0	44.7	24.4	30.6	16.3	15.6	8.0	6.9	2.8	2.9
MAX	222.1	216.2	270.6	365.3	150.7	202.9	47.4	83.9	40.8	32.1	3.8	30.0
MIN	2.6	6.6	9.5	6.9	5.5	7.7	8.3	7.1	3.7	3.4	2.2	1.8
IN	8.7	17.1	25.8	32.0	15.8	21.9	11.3	11.2	5.5	4.9	2.0	2.0

MEAN ANNUAL FLOW (cfs) 18.6

TOTAL RUNOFF (in) 158.2

Table 27

SUSPENDED SEDIMENT

Tables 28-49

HURST CREEK  
BASIN AREA = 1594 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.0	0.6	6.8	0.5	6.1	4.0	6.5	0.3	0.4	0.0	0.1	0.0
2	0.0	0.6	8.4	0.3	6.6	2.7	6.1	0.2	0.4	0.0	0.1	0.0
3	0.0	0.6	14.4	0.3	21.1	1.8	5.0	0.2	1.8	0.1	0.1	0.1
4	0.0	0.7	7.4	0.2	10.8	3.4	3.9	0.2	3.3	0.1	0.0	0.0
5	0.0	0.9	2.4	0.2	4.0	4.6	4.7	0.1	2.3	0.0	0.0	0.0
6	0.0	0.6	11.9	0.2	2.1	2.7	6.8	0.2	1.4	0.0	0.0	0.0
7	0.0	1.2	13.0	0.2	1.9	1.7	5.4	0.2	1.0	0.0	0.0	0.0
8	0.0	1.2	4.2	0.2	1.8	1.9	3.1	0.1	0.7	0.0	0.0	1.5
9	0.0	6.8	1.7	0.2	1.3	13.4	1.8	0.3	0.5	0.1	0.0	0.4
10	0.0	6.7	1.9	0.2	0.9	20.2	1.5	0.4	0.4	1.2	0.0	0.1
11	0.0	5.2	17.3	0.2	0.7	10.1	5.4	0.8	0.3	1.5	0.0	0.0
12	1.0	6.3	35.5	4.4	0.8	6.9	3.0	0.7	0.3	1.0	0.0	0.0
13	6.0	8.1	28.2	25.1	4.1	4.8	1.8	0.6	0.2	0.5	0.0	0.0
14	0.2	9.7	11.7	36.4	8.7	3.4	1.2	3.0	0.2	0.3	0.0	0.0
15	0.1	6.8	104.7	18.1	5.0	22.0	0.9	1.7	0.1	0.4	0.0	0.0
16	0.1	5.7	30.3	15.9	4.8	36.4	0.8	1.1	0.1	1.2	0.0	0.0
17	0.1	3.0	9.1	5.2	3.3	13.3	0.5	0.7	0.1	4.8	0.0	0.0
18	0.1	2.3	4.7	14.5	3.9	6.3	0.4	0.5	0.1	1.8	0.0	0.0
19	0.1	5.3	1.8	7.8	4.8	3.8	0.4	0.4	0.1	0.9	0.0	0.0
20	0.5	5.9	4.0	3.9	3.7	2.4	0.5	0.3	0.1	0.6	0.0	0.0
21	0.2	3.1	2.9	5.1	3.6	1.7	0.3	0.3	0.1	0.4	0.0	0.0
22	0.1	1.9	2.1	9.0	2.6	1.2	1.0	0.5	0.1	0.3	0.0	0.0
23	0.1	6.4	2.2	10.8	2.1	0.9	0.9	7.4	0.1	0.2	0.0	0.0
24	1.3	6.5	10.2	14.9	2.8	0.6	0.7	12.0	0.0	0.2	0.0	0.0
25	0.6	10.1	3.7	13.0	5.0	0.7	0.5	16.2	0.0	0.1	0.0	0.0
26	0.4	5.4	1.7	7.5	3.9	2.3	0.4	8.3	0.1	0.1	0.0	0.0
27	1.0	15.7	1.4	7.3	2.8	4.2	0.3	3.6	0.1	0.1	0.0	0.0
28	3.1	16.7	1.5	4.0	4.1	14.7	0.3	1.9	0.1	0.1	0.0	0.0
29	1.6	7.0	0.9	4.4		8.5	0.2	1.2	0.0	0.1	0.0	0.0
30	2.1	4.3	0.6	3.6		4.7	0.2	0.8	0.0	0.1	0.0	0.0
31	1.0		0.3	7.3		3.5		0.6		0.1	0.0	
MEAN TONS/MI <sup>2</sup>	0.6 1.2	5.2 14.6	11.2 80.9	7.1 29.9	4.4 10.3	6.7 26.2	2.2 3.9	2.1 5.6	0.5 0.5	0.5 0.7	0.0 0.0	0.1 0.1

ANNUAL SUSPENDED SEDIMENT (tons/mi<sup>2</sup>) 173.9

TOTAL SUSPENDED SEDIMENT (tons) 433.1

SHALE CREEK  
BASIN AREA = 3900 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.2	4.6	32.2	3.6	29.3	20.6	31.4	2.5	3.2	0.3	0.6	0.2
2	0.2	4.0	30.6	2.7	31.5	15.0	29.4	2.0	2.9	0.3	0.5	0.2
3	0.2	3.9	60.2	2.1	82.8	10.7	25.1	1.6	9.8	1.2	0.5	0.8
4	0.2	5.0	34.8	1.7	47.2	18.0	20.1	1.3	17.9	0.8	0.5	0.3
5	0.2	5.7	13.3	1.6	20.6	23.4	23.7	1.3	13.1	0.5	0.4	0.1
6	0.2	4.5	51.2	1.8	11.9	15.1	32.6	1.5	8.9	0.4	0.4	0.1
7	0.2	7.7	55.5	1.9	11.1	9.9	26.8	1.4	6.5	0.3	0.4	0.1
8	0.4	7.4	21.6	1.8	10.6	11.1	16.9	1.2	4.8	0.3	0.3	7.8
9	0.3	30.8	10.4	1.7	8.0	56.4	10.8	2.4	3.8	0.9	0.3	3.0
10	0.3	31.7	10.9	1.6	6.2	80.1	9.2	3.2	3.0	7.3	0.3	1.0
11	0.4	25.8	69.2	1.5	5.1	44.9	26.5	5.3	2.5	8.7	0.3	0.5
12	5.2	30.1	128.1	19.9	5.5	32.5	16.5	4.8	2.1	6.7	0.3	0.3
13	26.9	37.5	104.0	96.1	20.1	24.3	10.5	4.3	1.7	3.4	0.2	0.3
14	1.9	43.7	50.9	128.9	39.5	18.2	7.6	16.4	1.5	2.3	0.2	0.2
15	0.7	32.4	304.6	72.8	24.9	81.5	6.3	10.2	1.3	2.9	0.2	0.2
16	0.7	27.7	108.8	65.6	24.4	131.2	5.3	7.2	1.1	6.8	0.2	0.2
17	0.7	16.3	41.3	25.5	17.5	56.4	3.9	5.1	1.0	24.1	0.2	0.1
18	0.7	13.0	23.6	58.2	20.5	30.2	3.2	3.8	0.9	10.5	0.2	0.1
19	0.7	24.7	10.6	36.1	24.3	20.0	3.0	3.1	0.8	5.8	0.2	0.1
20	3.7	28.7	20.5	20.3	19.3	13.8	3.4	2.5	0.7	4.0	0.2	0.1
21	1.7	16.6	16.1	25.2	19.0	10.2	2.7	2.1	0.7	2.9	0.2	0.1
22	1.1	11.3	12.0	41.0	14.3	7.8	6.3	3.4	0.6	2.5	0.2	0.1
23	1.2	30.0	12.4	47.7	12.2	6.0	6.0	34.0	0.5	1.9	0.2	0.1
24	7.7	28.6	43.1	62.0	14.9	4.0	5.0	51.8	0.5	1.6	0.2	0.1
25	4.4	44.9	19.3	55.4	25.2	5.0	3.9	66.8	0.5	1.3	0.2	0.1
26	3.0	26.9	10.1	35.0	20.5	13.2	3.3	38.0	0.5	1.1	0.2	0.1
27	6.0	64.3	8.5	34.2	15.3	21.5	2.7	18.8	0.7	1.0	0.2	0.1
28	16.6	67.1	9.1	20.9	20.0	61.3	2.2	11.2	0.6	0.9	0.2	0.1
29	9.6	33.0	6.2	22.4		39.1	1.9	7.4	0.4	0.8	0.2	0.1
30	6.5	21.9	4.0	19.2		23.7	1.8	5.2	0.4	0.7	0.2	0.1
31			2.4	34.4		18.6		4.0		0.6	0.2	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	3.7 3.9	24.3 43.4	43.1 173.7	30.4 78.8	21.5 31.6	29.8 70.1	11.6 13.4	10.4 16.9	3.1 2.1	3.3 2.5	0.3 0.0	0.5 0.4
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											436.8	
TOTAL SUSPENDED SEDIMENT (tons)											2661.8	

Table 29

ISKA CREEK  
BASIN AREA = 530 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.0	0.2	8.0	0.2	6.5	3.4	7.0	0.1	0.1	0.0	0.0	0.0
2	0.0	0.2	10.3	0.1	7.4	2.0	6.3	0.1	0.1	0.0	0.0	0.0
3	0.0	0.2	22.4	0.1	39.4	1.1	4.8	0.0	1.6	0.0	0.0	0.0
4	0.0	0.3	8.6	0.0	14.9	2.8	3.3	0.0	2.7	0.0	0.0	0.0
5	0.0	0.4	1.7	0.0	3.4	4.3	4.5	0.0	1.6	0.0	0.0	0.0
6	0.0	0.3	17.8	0.1	1.3	2.0	7.5	0.0	0.8	0.0	0.0	0.0
7	0.0	0.6	19.8	0.1	1.2	1.0	5.4	0.0	0.5	0.0	0.0	0.0
8	0.0	0.6	3.8	0.1	1.1	1.3	2.4	0.0	0.3	0.0	0.0	0.0
9	0.0	8.9	1.1	0.0	0.7	20.1	1.1	0.1	0.2	0.0	0.0	1.2
10	0.0	7.9	1.5	0.0	0.4	36.3	0.9	0.1	0.1	0.7	0.0	0.1
11	0.0	5.1	31.2	0.0	0.3	13.3	5.4	0.3	0.1	1.0	0.0	0.0
12	0.8	6.8	81.5	6.0	0.4	7.5	2.3	0.3	0.1	0.5	0.0	0.0
13	8.4	9.7	58.4	49.0	4.2	4.5	1.1	0.2	0.1	0.2	0.0	0.0
14	0.1	12.5	16.8	91.8	11.0	2.7	0.6	2.4	0.0	0.1	0.0	0.0
15	0.0	7.5	439.1	31.7	4.7	50.1	0.4	1.0	0.0	0.1	0.0	0.0
16	0.0	5.9	74.7	25.8	4.6	84.1	0.3	0.6	0.0	0.9	0.0	0.0
17	0.0	2.3	11.3	5.2	2.6	20.0	0.2	0.3	0.0	4.6	0.0	0.0
18	0.0	1.6	4.4	26.8	3.3	6.7	0.1	0.2	0.0	1.1	0.0	0.0
19	0.0	6.7	1.2	9.4	4.5	3.2	0.1	0.1	0.0	0.4	0.0	0.0
20	0.2	6.2	3.6	3.3	3.0	1.7	0.1	0.1	0.0	0.2	0.0	0.0
21	0.1	2.4	2.2	5.3	3.0	1.0	0.1	0.1	0.0	0.1	0.0	0.0
22	0.0	1.2	1.4	11.4	1.8	0.6	0.5	0.2	0.0	0.1	0.0	0.0
23	0.0	7.5	1.5	14.5	1.4	0.4	0.4	9.3	0.0	0.1	0.0	0.0
24	0.8	9.8	16.5	23.4	2.2	0.2	0.3	17.0	0.0	0.0	0.0	0.0
25	0.2	13.4	3.1	19.1	4.9	0.3	0.2	26.1	0.0	0.0	0.0	0.0
26	0.1	5.4	1.0	8.6	3.3	1.6	0.1	10.1	0.0	0.0	0.0	0.0
27	0.7	26.1	0.8	8.6	2.0	3.7	0.1	2.9	0.0	0.0	0.0	0.0
28	2.4	29.7	0.8	3.5	3.6	23.6	0.1	1.2	0.0	0.0	0.0	0.0
29	0.9	7.8	0.4	3.9		10.5	0.1	0.6	0.0	0.0	0.0	0.0
30	1.4	3.8	0.2	3.0		4.3	0.1	0.3	0.0	0.0	0.0	0.0
31	0.5		0.1	8.4		2.8		0.2		0.0	0.0	0.0
MEAN TONS/MI <sup>2</sup>	0.5 0.6	6.4 7.9	27.3 74.8	11.6 19.6	4.9 5.4	10.2 16.7	1.9 1.7	2.4 3.0	1.9 0.2	0.3 0.3	0.0 0.0	0.0 0.0

ANNUAL SUSPENDED SEDIMENT (tons/mi<sup>2</sup>) 130.2

TOTAL SUSPENDED SEDIMENT (tons) 107.8

UPPER MILLER CREEK  
BASIN AREA = 2600 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	2.5	9.0	21.3	5.8	21.2	13.6	17.2	5.2	6.3	2.7	2.9	1.4
2	2.4	8.9	23.3	5.0	22.3	11.3	16.5	4.9	6.3	2.5	2.7	1.4
3	2.5	8.8	28.2	4.4	42.8	9.4	15.1	4.7	13.3	4.9	2.6	1.3
4	2.4	9.7	22.3	4.0	29.3	12.4	13.4	4.5	21.1	6.4	2.5	1.3
5	2.6	10.3	14.7	3.8	16.6	14.5	14.6	4.4	14.4	4.5	2.4	1.6
6	2.5	9.3	25.8	4.0	11.3	11.3	17.6	4.6	10.9	3.8	2.3	1.8
7	2.5	11.7	27.0	4.2	8.7	8.9	15.7	4.5	9.3	3.4	2.3	1.9
8	3.4	11.5	18.1	4.2	7.4	9.4	12.1	4.4	7.5	3.1	2.2	1.8
9	3.1	19.6	13.3	4.0	6.6	23.8	9.4	5.1	6.8	3.7	2.1	13.3
10	2.9	21.1	12.9	3.9	6.0	28.9	8.5	4.9	6.3	11.1	2.1	9.6
11	3.3	19.6	29.3	3.7	5.7	21.0	15.6	8.1	5.9	13.7	2.0	6.2
12	7.3	20.8	38.9	10.8	6.6	17.5	11.9	7.4	5.5	13.6	2.0	4.8
13	18.0	23.0	35.9	29.5	17.4	14.9	9.3	6.6	4.8	8.9	2.0	4.0
14	6.3	24.6	26.2	33.4	24.5	12.6	7.7	20.9	4.4	6.8	2.0	3.5
15	4.2	21.6	53.2	25.5	18.0	27.1	6.9	13.3	4.1	7.2	1.9	3.2
16	4.1	20.2	35.0	24.3	17.2	38.4	6.3	11.7	4.0	9.7	1.8	3.0
17	4.1	16.1	24.0	15.1	13.1	23.8	5.2	7.5	3.9	34.6	1.9	2.8
18	4.2	14.7	18.9	21.5	19.5	16.8	4.7	5.8	3.8	17.3	1.9	2.7
19	4.1	18.0	13.1	18.0	17.9	13.3	4.6	4.8	3.6	11.2	1.8	2.6
20	8.1	20.4	17.1	13.8	10.0	10.8	4.8	4.0	3.4	8.5	1.8	2.4
21	6.0	16.2	16.0	17.5	15.7	9.2	4.2	4.9	3.4	7.1	1.7	2.3
22	5.0	13.8	14.2	27.8	12.3	7.8	6.7	7.4	3.2	6.2	1.8	2.3
23	4.9	20.3	14.4	31.9	10.0	6.7	6.7	31.2	3.0	5.5	2.1	2.2
24	11.2	18.3	22.7	39.6	12.7	5.3	6.0	41.2	2.9	4.4	2.9	2.1
25	9.2	24.8	17.2	36.1	19.6	6.0	5.2	43.3	2.8	4.3	1.7	2.0
26	7.8	20.0	13.1	24.3	18.5	10.5	4.8	23.2	3.0	4.1	1.6	2.0
27	9.5	28.6	12.1	23.5	13.7	13.8	4.3	14.0	3.5	3.9	1.6	1.9
28	16.2	28.8	12.6	14.9	16.5	24.7	3.9	10.1	3.3	3.6	1.5	2.0
29	12.8	21.8	10.6	16.0		19.3	3.5	8.2	2.9	3.4	1.4	1.9
30	14.1	18.3	8.8	13.6		14.6	3.4	7.1	2.7	3.2	1.4	1.9
31	10.8		7.1	23.8		12.7		6.1		3.0	1.4	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	6.4 4.3	17.7 31.3	20.9 64.4	16.4 44.1	15.7 28.3	15.2 28.2	8.8 6.6	10.8 25.7	5.9 3.7	7.3 8.5	2.0 0.1	3.0
	ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )										245.2	
	TOTAL SUSPENDED SEDIMENT (tons)										996.1	

Table 31

EAST FORK MILLER CREEK  
BASIN AREA = 3521 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	8.8	38.0	100.9	23.2	100.3	60.2	78.7	20.5	25.5	9.5	10.2	4.7
2	8.6	37.4	111.3	19.6	106.0	49.0	75.7	19.4	25.3	9.0	9.7	4.6
3	8.8	37.0	138.0	17.1	221.4	39.7	68.5	18.2	61.3	19.4	9.3	4.4
4	8.5	41.5	105.9	15.0	144.6	54.9	59.3	17.4	99.8	25.8	8.9	4.4
5	9.2	44.1	66.2	14.2	76.1	65.3	65.5	17.0	64.9	17.4	8.4	5.4
6	9.0	39.6	125.0	15.3	49.4	49.3	80.8	18.1	47.0	14.4	8.1	6.2
7	8.7	51.1	131.5	16.2	36.4	371.7	71.0	17.4	39.3	12.5	8.0	6.7
8	12.2	50.1	83.6	15.9	30.6	39.9	52.9	16.9	31.3	11.3	7.7	6.1
9	11.1	92.7	58.9	15.1	26.6	114.2	39.8	20.1	27.5	14.0	7.4	61.4
10	10.6	99.5	57.1	14.4	24.3	142.5	35.8	19.3	25.2	48.3	7.2	41.1
11	12.0	91.7	144.7	14.1	22.6	99.0	70.6	33.9	23.6	61.8	7.0	24.8
12	31.0	98.1	198.6	48.6	26.9	80.7	52.1	30.4	21.7	60.6	6.9	18.5
13	84.1	109.9	181.4	145.4	81.1	67.0	39.3	26.9	18.9	37.5	6.8	15.2
14	25.2	118.5	127.0	167.5	117.9	55.5	31.8	98.8	17.0	27.8	6.8	13.0
15	16.1	102.3	285.4	123.5	83.3	134.2	28.0	59.3	15.7	30.0	6.7	11.7
16	15.4	94.6	177.0	117.0	79.0	196.1	25.2	51.2	15.1	41.6	6.4	10.8
17	15.7	73.4	115.3	68.5	58.2	114.1	20.5	30.8	14.7	174.7	6.4	10.0
18	16.3	65.9	87.7	102.8	91.0	76.9	18.3	23.0	14.1	79.7	6.6	9.6
19	15.7	84.0	58.0	83.5	82.9	59.0	17.8	18.7	13.3	48.7	6.3	9.1
20	33.8	96.3	78.5	61.4	42.9	46.6	18.9	15.3	12.6	35.6	6.2	8.7
21	24.1	73.8	72.9	81.7	71.3	38.5	16.3	19.1	12.3	29.0	5.9	8.2
22	19.8	61.4	63.3	136.2	54.1	32.2	27.5	30.8	11.6	24.9	6.0	7.9
23	19.5	95.6	64.4	158.7	42.9	27.3	27.2	155.8	10.9	21.6	7.1	7.6
24	29.0	85.6	109.1	203.4	57.1	21.1	24.2	212.2	10.4	16.9	6.7	7.3
25	38.7	119.5	79.3	182.8	92.0	24.1	20.5	224.0	10.1	16.4	5.9	7.1
26	32.5	93.6	58.2	116.9	81.8	45.1	18.6	111.0	10.7	15.8	5.6	6.9
27	40.8	140.7	53.3	113.3	61.5	61.7	16.5	62.5	13.0	14.5	5.2	6.8
28	73.8	142.2	55.6	67.1	75.5	119.3	14.5	43.4	12.3	13.6	4.9	6.8
29	56.7	103.4	45.9	72.7		90.2	13.1	34.2	10.6	12.7	4.7	6.7
30	63.2	84.8	37.2	60.9		65.8	12.3	29.1	9.7	11.8	4.6	6.5
31	46.8		28.8	114.2		56.3		24.5		10.9	4.6	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	26.6 22.8	82.2 156.9	100.0 304.9	77.6 200.5	72.8 131.3	69.8 131.5	38.0 33.1	49.0 115.2	24.2 18.3	31.2 40.1	6.8 0.6	11.6 5.5
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )	1194.2											
TOTAL SUSPENDED SEDIMENT (tons)	6570.0											

Table 32



LOWER CHRISTMAS CREEK  
BASIN AREA = 5150 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	3.9	16.2	42.4	9.9	42.2	25.6	33.3	8.8	11.0	4.2	4.5	2.1
2	3.8	15.9	46.6	8.4	44.6	2-.8	32.0	8.4	10.9	4.0	4.3	2.0
3	3.9	15.8	57.8	7.3	92.1	16.9	29.0	7.7	25.8	8.4	4.1	1.9
4	3.7	17.6	44.4	6.5	60.4	23.2	25.2	7.4	42.0	11.1	3.9	2.0
5	4.0	18.7	28.0	6.2	32.2	27.7	27.8	7.3	27.5	7.5	3.7	2.3
6	4.0	16.8	52.4	6.6	20.9	20.9	34.1	7.7	19.9	6.3	3.5	2.7
7	3.8	21.6	55.0	7.0	15.5	16.1	30.1	7.5	16.8	5.4	3.5	2.9
8	5.3	21.2	35.3	6.9	13.0	17.0	22.4	7.2	13.3	5.0	3.3	2.6
9	4.9	38.9	25.1	6.6	11.5	48.1	16.9	8.6	11.8	6.1	3.2	25.8
10	4.6	41.9	24.3	6.3	10.4	59.6	15.3	8.3	10.9	20.5	3.2	17.5
11	5.3	38.6	60.4	6.1	9.6	41.6	29.9	14.4	10.1	26.1	3.0	10.6
12	13.2	41.3	82.7	20.5	11.5	34.1	22.1	12.9	9.3	25.7	3.0	7.9
13	35.4	46.0	75.6	60.8	34.1	28.4	16.7	11.5	8.1	16.0	2.9	6.6
14	10.8	49.6	53.1	69.9	49.6	23.5	13.6	41.6	7.3	11.9	2.9	5.6
15	6.9	43.0	118.1	51.7	35.2	56.1	12.0	25.1	6.8	12.8	2.9	5.1
16	6.7	39.8	73.8	49.0	33.4	81.6	10.8	21.7	6.5	17.7	2.7	4.8
17	6.8	31.1	48.3	2-.0	24.7	47.8	8.8	13.2	6.4	72.8	2.8	4.4
18	7.0	27.9	37.0	43.1	38.2	32.5	7.8	9.9	6.2	33.6	2.8	4.2
19	6.8	35.4	24.6	35.2	34.9	25.1	7.6	8.0	5.8	20.6	2.7	4.0
20	14.4	40.5	33.2	26.1	18.2	19.7	8.1	6.6	5.5	15.2	2.7	3.8
21	10.4	31.2	30.9	34.4	30.2	16.4	7.0	8.2	5.3	12.4	2.6	3.5
22	8.5	26.1	26.9	57.0	23.0	13.7	11.8	13.2	5.1	10.7	2.6	3.4
23	8.4	40.3	27.3	66.3	18.2	11.7	11.7	65.0	4.8	9.2	3.1	3.3
24	20.8	36.1	45.8	84.6	24.2	9.0	10.3	88.2	4.6	7.2	2.9	3.2
25	16.5	50.1	33.5	76.2	38.8	10.3	8.8	93.3	4.4	7.0	2.6	3.1
26	13.9	39.5	24.7	49.0	34.6	19.1	7.9	46.6	4.8	6.8	2.4	3.0
27	17.4	58.8	22.6	47.5	26.1	26.2	7.1	26.5	5.7	6.3	2.3	2.9
28	31.2	59.4	23.6	28.4	31.9	50.0	6.3	18.4	5.4	5.9	2.2	3.0
29	24.0	43.4	19.4	30.8		38.0	5.7	14.6	4.7	5.5	2.1	2.9
30	26.9	35.8	15.9	25.8		27.9	5.4	12.4	4.2	5.2	2.0	2.8
31	19.8		12.3	47.9		23.9		10.5		4.8	2.0	
MEAN TONS/MI <sup>2</sup>	11.4 9.9	34.6 59.6	42.0 103.9	32.6 74.6	30.7 51.2	29.4 51.9	16.2 15.3	20.7 42.1	10.3 8.3	13.3 16.3	3.0 0.4	5.0 2.6
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											436.1	
TOTAL SUSPENDED SEDIMENT (tons)											3509.2	

Table 34



UPPER CHRISTMAS CREEK  
BASIN AREA = 2700 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.8	5.6	20.0	3.0	19.9	10.2	14.4	2.5	3.3	0.9	1.0	0.4
2	0.8	5.4	22.7	2.4	21.4	7.8	13.6	2.3	3.3	0.9	1.0	0.4
3	0.8	5.4	29.9	2.0	55.7	5.9	12.0	2.1	11.7	2.6	0.9	0.3
4	0.8	6.3	21.2	1.7	32.0	9.0	10.0	2.0	19.7	3.4	0.9	0.3
5	0.9	6.8	11.6	1.6	13.8	11.3	11.5	2.0	11.2	2.0	0.8	0.4
6	0.9	5.9	26.5	1.7	7.8	7.8	14.9	2.1	7.4	1.6	0.8	0.5
7	0.8	8.2	28.2	1.9	5.3	5.6	12.6	2.0	5.9	1.3	0.7	0.6
8	1.3	8.0	15.6	1.8	4.2	6.0	8.6	1.9	4.4	1.2	0.7	0.5
9	1.1	18.4	9.9	1.7	3.5	23.6	5.9	2.5	3.7	1.5	0.7	11.5
10	1.1	19.7	9.7	1.6	3.1	31.3	5.2	2.3	3.3	7.8	0.6	6.3
11	1.3	17.6	32.1	1.6	8.8	19.5	12.5	4.9	3.0	11.0	0.6	3.2
12	4.9	19.3	48.2	8.7	3.6	14.9	8.4	4.2	2.7	10.3	0.6	2.2
13	16.4	22.3	42.7	32.0	14.5	11.7	5.8	3.6	2.2	5.5	0.6	1.7
14	3.3	24.5	26.9	38.9	24.4	9.1	4.4	19.6	2.0	3.7	0.6	1.4
15	1.8	20.3	79.0	26.0	15.6	30.5	3.8	10.1	1.8	4.1	0.6	1.2
16	1.7	18.4	42.0	24.2	14.6	47.4	3.3	8.3	1.7	6.5	0.5	1.1
17	1.8	13.1	23.7	12.1	9.7	23.4	2.5	4.3	1.6	41.1	0.6	1.0
18	1.9	11.4	16.6	21.1	17.4	14.0	2.2	2.9	1.6	14.7	0.6	1.0
19	1.8	16.1	9.8	15.6	15.6	9.9	2.1	2.2	1.5	7.7	0.5	0.9
20	4.9	18.8	14.5	10.5	6.6	7.3	2.3	1.7	1.4	5.1	0.5	0.8
21	3.1	13.2	13.0	15.7	12.8	5.7	1.9	2.3	1.3	3.9	0.5	0.8
22	2.4	10.6	10.9	29.7	8.9	4.5	3.7	4.4	1.2	3.2	0.5	0.7
23	2.4	18.8	11.1	35.9	6.5	3.6	3.6	35.6	1.1	2.7	0.6	0.7
24	7.9	16.8	22.7	49.9	10.0	2.6	3.1	52.4	1.1	1.9	0.6	0.7
25	5.7	24.8	14.6	43.4	17.7	3.1	2.5	56.3	1.0	1.9	0.5	0.6
26	5.6	18.1	9.7	24.2	15.2	7.0	2.2	22.7	1.1	1.8	0.5	0.6
27	6.4	30.8	8.7	23.5	10.5	10.5	1.9	10.7	1.4	1.6	0.4	0.6
28	13.2	31.4	9.2	11.7	13.7	24.9	1.6	6.7	1.3	1.5	0.4	0.6
29	9.4	20.6	7.1	13.1		17.3	1.4	4.9	1.1	1.4	0.4	0.6
30	10.9	15.9	5.4	10.3		11.5	1.3	4.0	1.0	1.2	0.4	0.6
31	7.3		3.9	23.5		9.3		3.1		1.1	0.4	
MEAN, TONS/MI <sup>2</sup>	4.0 3.4	15.7 30.3	20.9 79.8	15.8 50.0	13.9 30.4	13.1 29.5	6.0 4.9	9.2 31.1	3.5 3.0	5.0 8.9	0.6 0.0	1.4 0.9
	ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )										272.2	
	TOTAL SUSPENDED SEDIMENT (tons)										1148.3	

Table 35

PRARIE DECEPTION CREEK  
BASIN AREA = 2900 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	2.4	9.1	21.9	8.5	21.2	18.3	21.9	7.2	8.1	3.0	3.9	2.4
2	2.4	9.0	23.9	7.5	21.8	15.9	21.4	6.6	7.8	2.8	3.7	2.4
3	2.4	8.9	29.0	6.7	33.2	13.8	19.9	6.0	11.5	4.7	3.6	4.2
4	2.4	9.8	22.9	6.1	25.9	17.1	18.0	5.5	17.2	4.5	3.5	2.5
5	2.6	10.4	15.0	5.9	18.2	19.3	19.3	5.4	15.0	3.5	3.3	1.7
6	2.5	9.4	26.5	6.2	14.4	15.9	22.3	5.9	12.7	3.1	3.2	1.7
7	2.4	11.8	27.7	6.5	13.9	13.3	20.4	5.6	11.1	2.9	3.1	1.7
8	3.3	11.6	18.5	6.4	13.7	13.7	16.7	5.3	9.7	2.9	3.0	8.5
9	3.0	20.2	13.5	6.1	12.1	28.1	13.8	6.9	8.7	4.5	2.9	7.6
10	2.9	21.6	13.1	5.9	10.8	32.7	12.8	8.1	7.9	11.2	2.8	4.8
11	3.3	20.1	30.2	5.8	9.9	25.6	20.3	10.1	7.3	11.8	2.8	3.6
12	7.4	21.3	40.3	14.3	10.3	22.3	16.5	9.7	6.7	11.1	2.7	3.0
13	18.4	23.7	37.1	35.6	17.0	19.6	13.6	9.2	6.2	8.3	2.6	2.7
14	6.3	25.3	26.9	39.5	24.0	17.3	11.8	16.4	5.8	7.0	2.6	2.5
15	4.2	22.2	55.3	31.3	19.8	30.5	10.9	13.5	5.4	7.7	2.6	2.3
16	4.1	20.7	36.1	30.0	19.6	40.7	10.1	11.5	5.1	9.9	2.5	2.2
17	4.1	16.5	24.7	19.8	17.0	28.1	8.8	10.0	4.8	19.4	2.5	2.1
18	4.2	14.9	19.3	26.7	18.2	21.5	8.1	8.7	4.6	13.6	2.5	2.0
19	4.1	18.4	13.3	23.1	19.6	18.0	7.9	8.0	4.4	10.5	2.5	1.9
20	8.2	21.0	18.0	18.1	17.7	15.3	8.3	7.3	4.2	8.9	2.5	1.8
21	6.1	16.5	16.3	19.5	17.6	13.5	7.5	6.8	4.1	7.8	2.4	1.8
22	5.1	14.0	14.4	24.5	15.6	11.9	10.6	8.0	4.0	7.3	2.4	1.7
23	4.9	20.8	14.6	26.3	14.6	10.7	10.6	22.0	3.7	6.5	2.6	1.7
24	11.4	18.7	23.3	29.3	15.5	8.9	9.8	27.2	3.6	5.9	2.5	1.7
25	9.3	25.5	17.6	27.9	19.9	9.8	8.8	30.4	3.5	5.5	2.4	1.7
26	7.9	20.5	13.3	23.0	18.2	14.9	8.2	23.7	3.6	5.2	2.4	1.7
27	9.6	29.5	12.3	22.5	16.0	18.5	7.5	17.5	4.3	4.9	2.4	1.7
28	16.6	29.7	12.8	18.4	18.5	28.9	7.0	14.0	3.9	4.7	2.4	1.7
29	13.0	22.4	10.8	18.9		24.0	6.5	11.7	3.3	4.4	2.4	1.7
30	14.4	18.7	8.9	17.7		19.4	6.3	10.0	3.1	4.2	2.4	1.7
31	11.0		7.1	22.8		17.4		8.9		4.0	2.4	
MEAN TONS/MI <sup>2</sup>	6.4 3.9	18.1 21.9	21.4 36.1	18.1 26.8	17.6 18.6	19.5 26.9	12.9 11.3	11.2 10.3	6.7 3.4	6.9 3.7	2.8 0.5	2.6 0.7
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											164.1	
TOTAL SUSPENDED SEDIMENT (tons)											743.6	

Table 37

WEST FORK SHAHAPISH CREEK  
BASIN AREA = 1993 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.4	7.5	61.9	2.7	62.0	20.1	35.5	2.0	3.2	0.4	0.5	0.1
2	0.3	7.2	74.7	1.9	69.9	13.0	32.2	1.8	3.2	0.4	0.4	0.1
3	0.3	7.1	118.0	1.4	334.9	8.3	26.3	1.5	37.5	3.1	0.4	0.1
4	0.3	9.2	67.1	1.0	135.9	17.0	19.5	1.4	59.6	3.5	0.3	0.1
5	0.4	10.4	24.9	0.9	33.8	23.9	24.7	1.3	24.3	1.4	0.3	0.1
6	0.4	8.2	99.7	1.1	13.3	13.2	37.3	1.5	11.8	1.0	0.3	0.1
7	0.3	14.1	108.2	1.2	6.9	7.5	28.7	1.4	8.2	0.7	0.3	0.2
8	0.7	13.5	41.0	1.2	4.8	9.0	15.3	1.3	5.0	0.6	0.3	0.2
9	0.6	59.4	19.2	1.1	3.6	80.2	8.4	2.0	3.8	0.9	0.2	32.5
10	0.5	61.0	20.2	1.0	2.9	128.3	6.8	1.8	3.1	14.0	0.2	9.4
11	0.7	49.3	136.7	0.9	25.	58.1	28.5	6.1	2.7	26.9	0.2	3.1
12	9.8	57.6	256.0	23.4	3.8	37.5	14.8	4.7	2.3	21.1	0.2	1.7
13	52.2	72.5	210.5	131.5	47.8	25.2	8.1	3.8	1.7	7.5	0.2	1.1
14	3.3	84.7	99.4	191.0	84.8	16.9	5.2	62.4	1.4	3.9	0.2	0.8
15	1.2	62.3	632.4	95.2	41.8	148.5	4.0	20.7	1.2	4.7	0.2	0.6
16	1.1	53.1	218.5	83.9	37.2	249.9	3.2	15.2	1.1	11.4	0.2	0.6
17	1.1	30.7	80.0	27.4	19.0	80.0	2.1	4.9	1.0	205.2	0.2	0.5
18	1.3	24.1	44.9	76.5	49.1	33.9	1.6	2.6	0.9	37.8	0.2	0.4
19	1.2	47.7	19.7	41.4	42.1	19.3	1.5	1.7	0.8	13.0	0.2	0.4
20	6.8	54.8	36.4	21.0	10.0	11.6	1.7	1.1	0.7	6.6	0.2	0.3
21	3.0	31.2	30.2	47.8	30.4	7.8	1.2	1.9	0.7	4.3	0.1	0.3
22	1.9	21.1	22.3	119.9	16.2	53.	4.2	6.0	0.6	3.1	0.1	0.3
23	2.1	57.8	23.1	158.0	10.1	3.7	3.7	165.1	0.6	2.3	0.2	0.3
24	14.3	55.6	84.2	280.6	25.0	2.2	2.9	294.7	0.5	1.4	0.2	0.2
25	7.9	87.1	36.6	220.1	50.3	3.0	2.1	330.0	0.5	1.2	0.1	0.2
26	5.4	51.2	18.6	83.1	38.8	11.0	1.6	77.8	0.5	1.2	0.1	0.2
27	11.0	126.2	15.6	85.7	21.8	21.6	1.3	22.2	0.8	1.0	0.1	0.2
28	31.1	132.7	16.9	25.3	33.0	90.1	1.0	10.1	0.7	0.9	0.1	0.2
29	17.8	63.6	11.2	30.7		48.2	0.8	6.1	0.5	0.7	0.1	0.2
30	22.7	41.5	7.2	21.0		24.4	0.7	4.3	0.4	0.7	0.1	0.2
31	12.0		4.2	80.7		17.4		3.0		0.6	0.1	
MEAN <sub>2</sub>	6.8	46.7	85.2	60.0	44.0	40.0	10.8	34.2	6.0	12.3	0.2	1.8
TONS/MI <sup>2</sup>	11.4	127.2	522.7	268.3	159.0	144.6	14.1	186.4	10.9	45.7	0.0	2.9

ANNUAL SUSPENDED SEDIMENT (tons/mi<sup>2</sup>) 1493.2

TOTAL SUSPENDED SEDIMENT (tons) 4649.9

EAST FORK SAHAPISH CREEK  
 BASIN AREA = 1350 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
 WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.6	3.8	12.8	2.0	12.8	6.7	9.4	1.8	2.3	0.7	0.7	0.3
2	0.6	3.7	14.5	1.6	13.7	5.2	8.9	1.6	2.3	0.6	0.7	0.3
3	0.6	3.6	18.9	1.4	34.4	4.0	7.9	1.5	7.5	1.8	0.7	0.3
4	0.6	4.2	13.6	1.2	20.2	6.0	6.6	1.4	12.6	2.4	0.6	0.3
5	0.7	4.5	7.5	1.1	9.0	7.4	7.5	1.4	7.4	1.4	0.6	0.3
6	0.6	4.0	16.8	1.2	5.2	5.2	9.7	1.5	4.9	1.1	0.6	0.4
7	0.6	5.5	17.9	1.3	3.6	3.7	8.2	1.4	3.9	1.0	0.5	0.4
8	0.9	5.3	10.1	1.3	2.9	4.1	5.7	1.4	3.0	0.8	0.5	0.4
9	0.8	11.8	6.5	1.2	2.4	15.0	4.0	1.7	2.5	1.1	0.5	7.4
10	0.8	12.6	6.4	1.1	2.2	19.7	3.5	1.6	2.3	5.2	0.5	4.2
11	0.9	11.3	20.2	1.1	2.0	12.5	8.2	3.3	2.1	7.2	0.5	2.2
12	3.2	12.4	29.9	5.7	2.5	9.7	5.6	2.9	1.9	6.8	0.5	1.5
13	10.5	14.2	26.6	20.2	10.0	7.6	3.9	2.5	1.6	3.7	0.4	1.2
14	2.3	15.6	17.0	24.3	15.6	6.0	3.0	12.6	1.4	2.6	0.4	1.0
15	1.3	13.0	47.9	16.5	10.1	19.1	2.6	6.6	1.3	2.8	0.4	0.9
16	1.2	11.8	26.1	15.4	9.5	29.4	2.3	5.5	1.2	4.3	0.4	0.8
17	1.3	8.6	15.1	7.9	6.4	14.9	1.8	2.9	1.2	25.6	0.4	0.7
18	1.3	7.6	10.7	13.4	11.2	9.1	1.5	2.0	1.1	9.6	0.4	0.7
19	1.3	10.3	6.4	10.1	10.1	6.5	1.4	1.5	1.0	5.1	0.4	0.6
20	3.3	12.0	9.4	6.9	4.4	4.9	1.6	1.2	1.0	3.5	0.4	0.6
21	2.2	8.6	8.5	10.1	8.3	3.8	1.3	1.6	0.9	2.7	0.4	0.6
22	1.7	6.9	7.1	18.7	5.9	3.1	2.6	3.0	0.9	2.2	0.4	0.5
23	1.7	12.1	7.3	22.5	4.4	2.5	2.5	22.2	0.8	1.9	0.5	0.6
24	5.3	10.8	14.4	30.9	6.5	1.8	2.1	32.4	0.8	1.4	0.4	0.5
25	3.9	15.8	9.5	27.0	11.4	2.2	1.8	34.7	0.7	1.3	0.4	0.5
26	3.1	11.6	6.4	15.4	9.8	4.7	1.5	14.5	0.8	1.3	0.3	0.5
27	4.2	19.4	5.8	15.0	6.9	6.9	1.3	7.0	1.0	1.1	0.3	0.4
28	8.6	19.8	6.1	7.7	8.9	15.9	1.1	4.5	0.9	1.1	0.3	0.4
29	6.2	13.2	4.8	8.5		11.1	1.0	3.3	0.8	1.0	0.3	0.4
30	7.1	10.3	3.7	6.8		7.5	0.9	2.7	0.7	0.9	0.3	0.4
31	4.9		2.7	15.0		6.2		2.2		0.8	0.3	0.4
MEAN TONS/MI <sup>2</sup>	2.7 2.5	10.1 18.9	13.2 41.6	10.1 27.8	8.9 17.6	8.5 17.4	4.0 3.7	5.9 16.5	2.3 2.1	3.3 5.2	0.5 0.0	1.0 1.4

ANNUAL SUSPENDED SEDIMENT (tons/ml<sup>2</sup>) 154.7

TOTAL SUSPENDED SEDIMENT (tons) 2018.4

BULL CREEK  
BASIN AREA = 1470 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	2.3	6.6	13.2	6.3	12.9	11.5	13.3	5.5	6.0	2.7	3.3	2.3
2	2.3	6.5	14.2	5.7	13.2	10.3	13.0	5.1	5.8	2.6	3.3	2.3
3	2.3	6.5	16.6	5.2	18.4	9.2	12.3	4.7	7.8	3.8	3.2	3.5
4	2.3	7.0	13.7	4.8	15.2	10.9	11.4	4.5	10.9	3.8	3.1	2.3
5	2.4	7.4	9.8	4.7	11.4	12.0	12.0	4.4	9.8	3.1	3.0	1.7
6	2.4	6.8	15.4	4.9	9.5	10.3	13.5	4.7	8.6	2.8	2.9	1.7
7	2.3	8.1	16.0	5.0	9.2	8.9	12.6	4.5	7.7	2.7	2.8	1.7
8	2.9	8.0	11.6	5.0	9.2	9.1	10.7	4.3	7.0	2.7	2.8	5.8
9	2.8	12.3	9.0	4.8	8.3	16.2	9.2	5.3	6.4	3.8	2.7	5.7
10	2.7	13.1	8.8	4.7	7.6	18.3	7.8	6.0	5.9	7.8	2.6	4.0
11	2.9	12.4	17.1	4.7	7.1	15.0	12.5	7.2	5.5	8.1	2.6	3.2
12	5.4	13.0	21.5	9.1	7.3	13.5	10.6	7.0	5.2	7.8	2.5	2.8
13	11.4	14.1	20.2	19.5	10.8	12.2	9.1	6.7	4.9	6.2	2.5	2.5
14	4.9	14.9	15.6	21.1	14.3	11.0	8.2	10.6	4.6	5.4	2.5	2.4
15	3.6	13.4	27.4	17.6	12.3	17.0	7.6	9.0	4.4	5.8	2.4	2.3
16	3.5	12.7	19.7	17.0	12.2	21.7	7.2	8.0	4.2	7.0	2.4	2.1
17	3.5	10.6	14.6	12.2	10.9	16.2	6.4	7.1	4.0	12.0	2.4	2.0
18	3.6	9.8	12.0	15.4	1.4	13.1	4.0	6.4	3.8	9.1	2.4	2.0
19	3.5	11.5	8.9	13.8	12.2	11.4	5.9	6.0	3.7	7.4	2.4	1.9
20	6.0	12.8	11.4	1.4	11.2	10.0	6.2	5.6	3.6	6.5	2.4	1.8
21	4.8	10.6	10.5	12.1	11.2	9.0	5.7	5.2	3.5	5.8	2.3	1.8
22	4.2	9.3	9.5	14.5	10.2	8.2	7.5	6.0	3.4	5.6	2.3	1.8
23	4.1	12.7	9.7	15.4	9.6	7.5	7.5	13.3	3.3	5.1	2.5	1.8
24	7.9	11.5	13.8	16.7	10.1	6.5	7.0	15.8	3.2	4.7	2.4	1.7
25	6.7	15.0	11.2	16.1	12.3	7.0	6.4	17.2	3.1	4.4	2.3	1.7
26	5.9	12.6	9.0	13.8	11.5	9.8	6.1	14.1	3.1	4.2	2.3	1.7
27	6.8	16.8	8.4	13.6	10.4	11.6	5.7	11.1	3.6	4.0	2.3	1.7
28	10.6	16.9	8.7	11.5	11.6	16.5	5.4	9.3	3.4	3.9	2.3	1.7
29	8.8	13.5	7.6	11.8		14.3	5.1	8.1	3.0	3.7	2.3	1.7
30	9.5	11.7	6.5	11.2		12.1	4.9	7.1	2.8	3.6	2.3	1.7
31	7.7		5.4	13.7		11.1		6.5		3.4	2.3	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	4.8 3.4	11.3 23.0	12.8 43.9	11.1 30.3	11.1 18.9	12.0 30.1	8.6 10.7	7.6 10.1	5.1 2.7	5.1 3.0	2.6 0.2	2.4 0.5
ANNUAL SUSPENDED SEDIMENT (tons/MI <sup>2</sup> )												166.7
TOTAL SUSPENDED SEDIMENT (tons)												382.9

Table 40

STEQUALEHO CREEK  
BASIN AREA = 6239 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.2	4.3	30.4	3.7	27.9	19.9	29.7	2.6	3.3	0.4	0.6	0.2
2	0.2	4.1	36.3	2.8	29.9	14.6	28.0	2.1	3.0	0.3	0.6	0.2
3	0.2	4.1	55.7	2.2	75.7	10.6	24.0	1.7	9.6	1.3	0.6	0.8
4	0.2	5.1	32.9	1.8	44.0	17.4	19.4	1.4	17.3	0.9	0.5	0.3
5	0.3	5.8	13.0	1.6	19.8	22.4	22.7	1.4	12.8	0.5	0.5	0.1
6	0.3	4.6	47.3	1.8	11.7	14.7	30.9	1.6	8.9	0.4	0.4	0.1
7	0.2	7.7	51.3	2.0	10.9	9.8	25.5	1.5	6.6	0.4	0.4	0.1
8	0.4	7.4	20.8	1.9	10.5	10.9	16.4	1.3	4.9	0.3	0.4	7.6
9	0.4	28.9	10.2	1.8	8.0	52.5	10.6	2.4	3.9	0.9	0.4	3.0
10	0.4	29.9	10.6	1.7	6.2	73.1	9.2	3.3	3.1	7.3	0.3	1.1
11	0.4	24.6	63.5	1.6	5.2	42.0	25.3	5.4	2.6	8.6	0.3	0.6
12	5.1	28.5	115.2	18.7	5.6	30.9	16.0	4.9	2.2	6.7	0.3	0.4
13	25.3	35.3	95.8	87.2	19.3	23.2	10.4	4.4	1.8	3.5	0.3	0.3
14	2.0	40.8	47.3	115.4	37.0	17.5	7.6	15.9	1.6	2.4	0.3	0.2
15	0.8	30.6	263.1	66.7	23.9	73.7	6.3	10.1	1.4	3.0	0.3	0.2
16	0.7	26.4	97.9	60.4	23.3	117.7	5.4	7.2	1.2	6.7	0.3	0.2
17	0.7	15.8	38.7	24.3	17.0	52.3	4.0	5.2	1.1	23.1	0.3	0.2
18	0.8	12.7	22.6	53.3	19.7	28.7	3.3	3.9	0.9	10.4	0.3	0.2
19	0.8	23.4	10.4	34.0	23.2	19.3	3.1	3.2	0.9	5.9	0.3	0.1
20	3.8	27.3	19.7	19.6	18.7	13.5	3.5	2.6	0.8	4.1	0.2	0.1
21	1.8	16.1	15.6	24.0	18.3	10.2	2.8	2.2	0.7	3.0	0.2	0.1
22	1.2	11.1	11.8	38.4	14.0	7.8	6.3	3.5	0.7	2.6	0.2	0.1
23	1.3	28.4	12.2	44.5	12.0	6.0	6.0	32.0	0.6	2.0	0.3	0.1
24	7.7	26.8	39.9	57.3	14.5	4.1	5.0	48.2	0.6	1.6	0.2	0.1
25	4.4	41.9	18.6	51.3	24.1	5.1	4.0	61.6	0.5	1.4	0.2	0.1
26	3.2	25.6	9.9	33.1	19.8	12.9	3.4	35.7	0.6	1.2	0.2	0.1
27	5.9	59.1	8.4	32.2	14.9	20.7	2.8	18.2	0.8	1.1	0.2	0.1
28	16.1	61.6	9.1	20.1	20.4	56.5	2.4	11.0	0.7	1.0	0.2	0.1
29	9.5	31.3	6.2	21.5		36.7	2.0	7.4	0.5	0.9	0.2	0.1
30	12.0	21.0	4.1	18.5		22.7	1.9	5.3	0.4	0.8	0.2	0.1
31	6.6		2.5	32.4		17.9		4.1		0.7	0.2	
MEAN <sub>2</sub>	3.6	23.0	39.4	28.2	20.4	27.9	11.3	10.0	3.1	3.3	0.3	0.7
TONS/MI <sup>3</sup>	4.3	44.3	148.6	75.1	33.0	71.8	14.9	17.5	2.5	3.0	0.0	0.0
ANNUAL SUSPENDED SEDIMENT (tons/ml <sup>2</sup> )											415.0	
TOTAL SUSPENDED SEDIMENT (tons)											4045.6	

Table 41

KLOOCHMAN CREEK  
BASIN AREA = 1600 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.2	9.9	14.2	8.6	24.4	10.4	16.0	8.4	8.3	4.7	4.9	3.5
2	4.1	8.9	15.1	8.1	22.0	9.2	15.3	7.8	8.3	4.6	4.8	3.4
3	4.0	8.3	19.0	7.7	40.4	8.4	14.2	7.4	11.3	5.7	4.7	3.4
4	3.9	7.9	15.4	7.3	29.2	9.6	13.7	7.3	14.3	5.7	4.6	3.4
5	4.2	7.4	13.8	7.2	17.2	12.1	15.8	7.8	12.5	5.0	4.5	3.6
6	3.9	7.2	22.9	7.2	13.6	10.0	18.6	8.1	11.2	4.8	4.5	3.4
7	4.1	7.0	25.3	7.2	11.8	8.9	16.0	8.1	10.2	4.6	4.4	3.3
8	5.8	6.9	15.7	7.2	10.4	8.0	13.4	7.6	9.3	4.6	4.4	5.6
9	4.5	17.9	12.9	7.2	9.0	12.0	12.0	8.5	8.7	5.6	4.3	8.8
10	4.3	18.0	12.7	7.1	8.8	30.0	11.4	8.6	8.4	9.1	4.2	6.0
11	4.7	17.7	24.2	7.0	8.3	19.6	17.0	10.2	8.0	9.6	4.2	4.9
12	10.1	17.1	31.9	22.3	8.5	15.0	13.9	10.0	7.7	8.9	4.2	4.5
13	29.8	18.2	27.1	45.1	11.0	12.9	12.2	9.4	7.5	7.5	4.1	4.3
14	12.4	14.8	19.9	61.3	18.5	11.4	11.1	12.0	7.0	6.7	4.1	4.1
15	9.8	18.3	45.7	49.0	14.3	34.5	10.7	10.7	6.7	6.9	4.0	4.0
16	8.7	18.1	36.1	39.4	14.8	43.7	10.5	10.1	6.5	7.4	4.0	3.9
17	7.6	14.3	18.2	21.2	12.7	23.4	9.6	9.5	6.4	14.9	3.9	3.9
18	7.1	12.1	14.3	29.6	13.1	15.6	9.2	8.9	6.2	10.9	3.9	3.8
19	6.8	11.3	13.0	18.2	13.3	13.4	9.0	8.3	6.0	9.0	3.9	3.7
20	10.7	12.4	16.1	13.9	12.0	12.2	9.2	7.9	5.7	8.0	3.8	3.7
21	10.2	11.4	14.9	12.6	11.7	11.2	8.8	7.5	5.6	7.3	3.8	3.7
22	9.6	10.3	13.8	14.9	10.4	10.5	10.3	8.8	5.4	7.0	3.8	3.6
23	8.6	10.4	14.0	16.8	9.4	9.7	10.5	19.5	5.3	6.6	3.9	3.6
24	12.9	10.9	18.8	27.3	9.5	9.4	9.8	25.2	5.1	6.3	3.8	3.5
25	12.8	14.0	15.7	19.7	11.3	10.8	9.3	28.2	5.1	6.0	3.7	3.5
26	10.4	12.0	13.2	15.5	10.3	15.9	8.7	18.6	5.1	5.7	3.7	3.5
27	9.4	25.6	12.6	18.3	9.1	21.7	8.4	13.6	5.8	5.6	3.7	3.3
28	14.6	40.9	12.9	18.4	10.7	31.5	8.1	11.6	5.3	5.4	3.6	3.2
29	13.4	20.6	11.7	23.2		22.8	8.0	10.3	4.9	5.4	3.6	3.3
30	12.6	15.1	10.6	18.2		15.2	8.3	9.3	4.8	5.1	3.5	3.4
31	11.3		9.4	26.1		15.0		8.6		5.0	3.5	
MEAN TONS/MI <sup>2</sup>	8.9 10.0	14.2 25.7	18.1 45.9	19.1 78.5	14.1 22.7	15.9 37.9	11.6 9.9	10.9 11.8	7.4 3.4	6.8 2.7	4.1 .6	4.0 .7
	ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )										249.8	
	TOTAL SUSPENDED SEDIMENT (tons)										625.5	

Table 42

UPPER SOLLEKS RIVER  
BASIN AREA = 4950 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	7.7	16.6	23.0	14.7	37.5	17.4	25.6	14.3	14.3	8.6	8.8	6.5
2	7.5	15.2	24.4	13.8	34.0	15.6	24.6	13.4	14.3	8.4	8.7	6.4
3	7.3	14.1	29.9	13.2	59.1	14.3	23.0	12.8	18.7	10.2	8.5	6.4
4	7.2	13.6	24.8	12.7	44.0	16.1	22.3	12.7	23.2	10.1	8.4	6.4
5	7.6	12.8	22.5	12.5	27.3	19.9	25.3	13.5	20.6	9.0	8.3	6.6
6	7.2	12.4	35.4	12.5	22.1	16.9	2-.3	13.9	18.6	8.6	8.1	6.4
7	7.5	12.1	38.7	12.5	19.5	15.1	25.7	13.8	17.1	8.4	8.1	6.3
8	10.3	12.0	25.2	12.5	17.4	13.8	21.9	13.1	15.7	8.4	8.0	9.8
9	8.1	28.2	21.1	12.5	15.3	19.7	19.9	14.6	14.8	10.0	7.9	15.0
10	7.9	28.5	20.9	12.4	15.1	45.1	18.9	14.7	14.3	15.5	7.7	10.6
11	8.4	28.1	37.2	12.3	14.3	30.7	27.1	17.1	13.8	16.1	7.7	8.9
12	16.7	27.2	47.7	34.3	14.5	24.2	22.6	16.7	13.3	15.1	7.6	8.2
13	44.5	28.8	41.2	65.1	18.3	21.2	20.2	15.9	12.9	12.9	7.5	7.9
14	20.5	23.9	31.2	86.5	29.1	18.9	18.5	19.8	12.3	11.8	7.5	7.6
15	16.5	28.9	65.7	70.2	23.2	50.9	17.9	17.9	11.7	12.1	7.4	7.4
16	14.8	28.6	53.1	57.6	23.9	63.3	17.5	17.0	11.4	12.8	7.3	7.3
17	13.2	23.2	28.8	33.1	20.8	36.1	16.2	16.0	1-.2	24.0	7.2	7.2
18	12.5	20.0	23.2	44.5	21.4	25.1	15.6	15.1	10.9	18.1	7.2	7.1
19	11.9	18.8	21.3	28.7	21.7	21.9	15.3	14.3	10.6	15.2	7.2	6.9
20	17.9	20.4	25.7	22.6	19.8	20.1	15.6	13.6	10.2	13.8	7.1	6.9
21	17.2	19.0	24.1	20.7	19.3	18.6	14.9	13.0	10.0	12.7	7.0	6.8
22	16.2	17.2	22.5	24.1	17.4	17.5	17.2	15.0	9.8	12.3	7.1	6.7
23	14.6	17.4	22.7	26.8	15.9	16.3	17.6	30.5	9.5	11.6	7.2	6.7
24	21.1	18.1	29.6	41.3	16.1	15.8	16.5	38.6	9.2	11.0	7.0	6.6
25	21.0	22.8	25.1	31.0	18.7	18.0	15.8	42.7	9.1	10.6	6.9	6.5
26	17.4	19.8	21.6	24.9	17.3	25.4	14.8	29.4	9.3	10.2	6.8	6.5
27	16.0	38.7	20.7	29.0	15.4	33.7	14.4	22.2	10.3	9.9	6.8	6.3
28	23.6	5-.6	21.1	29.1	17.8	47.1	13.8	19.2	9.4	9.7	6.7	6.2
29	21.8	32.2	19.4	35.9		35.3	13.7	17.2	8.9	9.4	6.7	6.3
30	20.7	24.3	17.7	28.9		24.3	14.2	15.7	8.8	9.2	6.6	6.3
31	18.8		16.0	39.8		24.2		14.7		9.0	6.6	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	15.0 14.0	22.8 35.0	28.4 61.4	29.5 101.2	22.7 31.2	25.2 51.0	19.2 14.6	18.0 16.8	12.8 5.2	11.2 4.2	7.5 1.0	7.3 1.2
	ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )										336.8	
	TOTAL SUSPENDED SEDIMENT (tons)										2604.9	

Table 43

WEST FORK KIAMAKST CREEK  
BASIN AREA = 1680 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAM PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.1	6.0	12.3	4.5	38.2	6.6	15.7	4.2	4.2	1.4	1.4	0.7
2	1.0	4.9	14.1	3.9	32.0	5.2	14.3	3.7	4.2	1.3	1.4	0.7
3	0.9	4.1	22.2	3.5	103.3	4.3	12.4	3.3	9.1	2.1	1.3	0.7
4	0.9	3.8	14.7	3.2	55.0	5.7	11.5	3.2	12.5	2.0	1.3	0.7
5	1.0	3.3	11.7	3.1	18.3	8.9	15.9	3.7	9.6	1.5	1.2	0.8
6	0.9	3.1	34.1	3.1	11.3	6.2	21.3	4.0	7.6	1.4	1.2	0.7
7	1.0	2.9	40.9	3.1	8.5	4.8	15.9	3.9	6.3	1.3	1.2	0.7
8	2.1	2.8	15.2	3.1	6.6	3.9	11.1	3.5	5.2	1.3	1.1	2.9
9	1.2	22.3	10.2	3.1	5.0	9.5	8.9	4.5	4.6	1.9	1.1	5.2
10	1.1	20.2	10.2	3.0	4.8	57.8	8.0	4.5	4.2	5.2	1.1	2.2
11	1.3	19.4	38.2	3.0	4.2	24.1	18.0	6.3	3.9	5.8	1.1	1.4
12	9.2	18.2	63.5	38.0	4.4	13.9	11.8	6.0	3.6	4.8	1.0	1.2
13	67.3	20.6	45.9	134.8	8.0	10.2	9.2	5.4	3.4	3.4	1.0	1.1
14	9.5	13.5	24.8	246.4	21.9	7.9	7.5	8.8	3.0	2.7	1.0	1.0
15	5.9	20.8	148.0	152.5	12.6	87.9	7.1	7.0	2.7	2.9	1.0	1.0
16	4.6	20.2	88.8	100.2	13.5	124.1	6.7	6.2	2.6	3.4	0.9	0.9
17	3.5	12.6	20.7	28.5	9.8	35.1	5.6	5.5	2.5	13.8	0.9	0.9
18	3.1	9.1	12.6	57.9	10.5	15.1	5.2	4.9	2.3	7.3	0.9	0.9
19	2.8	7.8	10.3	20.6	10.8	11.1	4.9	4.2	2.2	4.9	0.9	0.8
20	7.2	9.5	15.9	11.8	8.8	9.1	5.2	3.8	2.0	3.9	0.9	0.8
21	6.4	8.0	13.7	9.7	8.3	7.7	4.7	3.4	1.9	3.2	0.8	0.8
22	5.6	6.4	11.7	14.0	6.6	6.6	6.5	4.9	1.8	3.0	0.9	0.8
23	4.5	6.6	11.9	17.4	5.4	5.7	6.8	24.9	1.7	2.6	0.9	0.8
24	10.9	7.3	23.1	48.4	5.6	5.3	5.8	39.6	1.6	2.3	0.8	0.8
25	10.1	12.1	15.1	24.7	7.8	7.2	5.3	49.9	1.5	2.2	0.8	0.7
26	6.6	8.8	10.7	14.7	6.5	15.7	4.7	21.8	1.6	2.0	0.8	0.7
27	5.4	53.9	9.8	21.0	5.1	29.3	4.3	11.4	2.0	1.9	0.8	0.7
28	13.2	112.4	10.2	21.1	6.9	63.2	3.9	8.2	1.7	1.7	0.8	0.7
29	11.0	26.8	8.4	34.1		33.1	3.8	6.4	1.5	1.6	0.8	0.7
30	9.7	14.0	6.8	20.7		15.9	4.1	5.3	1.4	1.6	0.8	0.7
31	7.8		5.4	43.5		13.9		4.5		1.5	0.7	..
MEAN, TONS/MI <sup>2</sup>	7.0	16.0	25.2	35.4	15.7	21.1	8.9	8.9	3.7	3.1	1.0	1.1
	19.0	53.2	108.2	246.2	41.9	84.6	9.0	15.3	2.2	1.7	0.2	0.3

ANNUAL SUSPENDED SEDIMENT (tons/ml<sup>2</sup>) 1163.6

TOTAL SUSPENDED SEDIMENT (tons) 3054.5

*low flow incorrect*

Table 44

WEST FORK WILSON CREEK  
BASIN AREA = 570 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.1	1.7	5.2	1.1	32.5	1.9	7.6	1.0	0.9	0.2	0.2	0.1
2	0.1	1.2	6.4	0.9	26.2	1.3	6.6	0.8	0.9	0.1	0.2	0.1
3	0.1	0.9	13.1	0.7	149.0	1.0	5.2	0.6	4.0	0.4	0.2	0.1
4	0.1	0.8	6.9	0.6	57.9	1.6	4.7	0.6	5.3	0.3	0.1	0.1
5	0.1	0.7	4.8	0.6	9.9	3.1	8.3	0.8	3.5	0.2	0.1	0.1
6	0.1	0.6	27.6	0.6	4.5	1.7	12.3	0.9	2.4	0.2	0.1	0.1
7	0.1	0.5	35.9	0.6	2.9	1.2	7.8	0.8	1.8	0.1	0.1	0.1
8	0.3	0.5	7.3	0.6	1.9	0.8	4.4	0.7	1.3	0.1	0.1	1.0
9	0.1	15.1	3.8	0.6	1.3	4.0	3.1	1.1	1.1	0.3	0.1	1.6
10	0.1	11.6	4.1	0.6	1.2	61.9	2.6	1.0	1.0	1.4	0.1	0.3
11	0.3	10.7	33.6	0.5	1.0	15.3	9.7	1.8	0.8	1.7	0.1	0.2
12	5.8	9.7	68.9	39.6	1.0	6.3	4.9	1.7	0.8	1.2	0.1	0.1
13	100.3	11.9	41.4	249.8	3.1	3.9	3.3	1.4	0.7	0.7	0.1	0.1
14	3.5	6.0	15.9	597.2	13.7	2.6	2.4	3.0	0.6	0.5	0.1	0.1
15	1.6	12.0	302.4	276.4	5.4	137.8	2.1	2.1	0.5	0.5	0.1	0.1
16	1.1	11.4	135.3	148.2	6.0	208.3	2.0	1.8	0.4	0.7	0.1	0.1
17	0.7	5.4	11.9	20.2	3.6	28.5	1.5	1.4	0.4	6.4	0.1	0.1
18	0.6	3.2	5.4	65.1	4.0	7.2	1.3	1.2	0.4	2.3	0.1	0.1
19	0.5	2.6	3.9	12.0	4.2	4.4	1.2	0.9	0.3	1.2	0.1	0.1
20	2.3	3.4	7.8	4.9	3.1	3.2	1.3	0.8	0.3	0.8	0.1	0.1
21	1.9	2.6	6.1	33.5	2.8	2.5	1.1	0.7	0.3	0.6	0.1	0.1
22	1.5	1.8	4.8	6.5	2.0	2.0	1.9	1.3	0.2	0.6	0.1	0.1
23	1.0	1.9	4.9	8.9	1.4	1.6	2.0	17.3	0.2	0.5	0.1	0.1
24	4.8	2.3	15.4	47.9	1.6	1.4	1.6	32.7	0.2	0.4	0.1	0.1
25	3.8	5.1	7.2	16.0	2.5	2.3	1.4	47.3	0.2	0.3	0.1	0.1
26	1.9	3.1	4.1	6.9	1.9	7.8	1.1	13.2	0.2	0.3	0.1	0.1
27	1.4	75.0	3.6	12.3	1.3	20.6	1.0	4.6	0.3	0.3	0.1	0.1
28	5.9	187.7	3.8	12.3	2.1	70.6	0.8	2.7	0.2	0.2	0.1	0.1
29	4.3	18.2	2.8	26.5		25.5	0.8	1.9	0.2	0.2	0.1	0.1
30	3.6	6.4	2.0	11.8		8.3	0.9	1.3	0.2	0.2	0.1	0.1
31	2.5		1.4	39.1		6.3		1.1		0.2	0.1	
MEAN <sub>2</sub> TONS/MI <sup>2</sup>	4.9 22.8	13.8 62.6	25.7 144.2	52.0 406.3	12.4 39.4	20.8 97.7	3.5 3.3	4.9 9.5	1.0 0.6	0.7 0.4	0.1 0.0	0.2 0.1
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											787.1	
TOTAL SUSPENDED SEDIMENT (tons)											701.0	

Table 45

EAST FORK WILSON CREEK  
BASIN AREA = 390 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.2	1.2	2.4	0.9	7.6	1.3	3.1	0.8	0.8	0.3	0.3	0.1
2	0.2	0.9	2.8	0.8	6.4	1.0	2.8	0.7	0.8	0.2	0.3	0.1
3	0.2	0.8	4.4	0.7	20.8	0.8	2.4	0.6	1.8	0.4	0.3	0.1
4	0.2	0.7	2.9	0.6	11.0	1.1	2.3	0.6	2.5	0.4	0.2	0.1
5	0.2	0.6	2.3	0.6	3.6	1.7	3.1	0.7	1.9	0.3	0.2	0.1
6	0.2	0.6	6.8	0.6	2.2	1.2	4.2	0.8	1.5	0.3	0.2	0.1
7	0.2	0.6	8.1	0.6	1.6	0.9	3.1	0.8	1.2	0.2	0.2	0.1
8	0.4	0.5	3.0	0.6	1.3	0.8	2.2	0.7	1.0	0.2	0.2	0.6
9	0.2	4.4	2.0	0.6	1.0	1.9	1.7	0.9	0.9	0.4	0.2	1.0
10	0.2	4.0	2.0	0.6	0.9	11.5	1.6	0.9	0.8	1.0	0.2	0.4
11	0.3	3.8	7.6	0.6	0.8	4.7	3.5	1.2	0.8	1.1	0.2	0.3
12	1.8	3.6	12.7	7.6	0.8	2.7	2.3	1.2	0.7	0.9	0.2	0.2
13	13.5	4.1	9.1	27.2	1.6	2.0	1.8	1.1	0.7	0.7	0.2	0.2
14	1.9	2.6	4.9	50.0	4.3	1.5	1.5	1.7	0.6	0.5	0.2	0.2
15	1.1	4.1	29.9	30.8	2.5	17.7	1.4	1.3	0.5	0.6	0.2	0.2
16	0.9	4.0	17.8	20.1	2.6	25.1	1.3	1.2	0.5	0.7	0.2	0.2
17	0.7	2.5	4.1	5.6	1.9	7.0	1.1	1.1	0.5	2.7	0.2	0.2
18	0.6	1.8	2.5	11.5	2.1	2.9	1.0	0.9	0.4	1.4	0.2	0.2
19	0.5	1.5	2.0	4.1	2.1	2.2	1.0	0.8	0.4	0.9	0.2	0.2
20	1.4	1.9	3.1	2.3	1.7	1.8	1.0	0.7	0.4	0.7	0.2	0.2
21	1.3	1.6	2.7	1.9	1.6	1.5	0.9	0.7	0.4	0.6	0.2	0.2
22	1.1	1.2	2.3	2.7	1.3	1.3	1.3	1.0	0.3	0.6	0.2	0.1
23	0.9	1.3	2.3	3.4	1.1	1.1	1.3	4.9	0.3	0.5	0.2	0.1
24	2.1	1.4	4.6	9.6	1.1	1.0	1.1	7.9	0.3	0.5	0.2	0.1
25	2.0	2.4	3.0	4.9	1.5	1.4	1.0	9.9	0.3	0.4	0.2	0.1
26	1.3	1.7	2.1	2.9	1.3	3.1	0.9	4.3	0.3	0.4	0.2	0.1
27	1.1	10.8	1.9	4.1	1.0	5.8	0.8	2.2	0.4	0.4	0.2	0.1
28	2.6	22.6	2.0	4.2	1.3	12.6	0.8	1.6	0.3	0.3	0.1	0.1
29	2.1	5.3	1.6	6.8		6.5	0.7	1.2	0.3	0.3	0.1	0.1
30	1.9	2.7	1.3	4.1		3.1	0.8	1.0	0.3	0.3	0.1	0.1
31	1.5		1.1	8.6		2.7		0.9		0.3	0.1	
MEAN, TONS/MI <sup>2</sup>	1.4 4.0	3.2 11.2	5.0 22.8	7.1 52.6	3.1 8.7	4.2 17.8	1.7 1.8	1.8 3.1	0.7 0.4	0.6 0.3	0.2 0.0	0.2 0.0
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											122.7	
TOTAL SUSPENDED SEDIMENT (tons)											74.8	

Table 46

DINGALING CREEK  
BASIN AREA = 750 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	4.9	12.3	17.8	10.6	31.4	13.0	20.2	10.2	10.2	5.6	5.9	4.0
2	4.8	11.0	19.0	9.9	28.2	11.3	19.3	9.5	10.2	5.5	5.7	4.0
3	4.7	10.1	24.2	9.3	53.2	10.3	17.8	9.0	14.1	6.9	5.6	4.0
4	4.5	9.6	19.4	8.9	37.9	11.8	17.2	8.9	18.0	6.8	5.5	4.0
5	4.9	9.0	17.4	8.7	21.8	15.1	20.0	9.6	15.7	5.9	5.4	4.1
6	4.6	8.7	29.5	8.7	17.0	12.5	23.6	9.9	14.0	5.6	5.2	4.0
7	4.8	8.5	32.6	8.7	14.7	10.9	20.3	9.8	12.6	5.5	5.2	4.0
8	7.0	8.3	19.8	8.7	13.0	9.8	16.9	9.3	11.4	5.5	5.2	6.8
9	5.3	22.8	16.3	8.7	11.1	15.0	15.0	10.5	10.7	6.7	5.0	10.9
10	5.1	22.8	15.9	8.6	10.9	39.0	14.2	10.6	10.3	11.2	5.0	7.2
11	5.5	22.5	31.2	8.5	10.2	25.0	21.5	12.6	9.8	11.8	4.9	5.8
12	12.6	21.7	41.4	28.8	10.4	18.9	17.4	12.4	9.4	11.0	4.8	5.4
13	38.9	23.1	35.0	59.6	13.7	16.2	15.3	11.6	9.0	9.1	4.8	5.0
14	15.6	18.7	25.4	82.7	23.5	14.2	13.8	14.9	8.6	8.2	4.8	4.9
15	12.1	23.2	60.6	64.9	18.0	45.3	13.4	13.3	8.1	8.4	4.8	4.8
16	10.7	22.9	47.3	51.7	18.6	57.7	13.0	12.5	7.9	9.0	4.7	4.6
17	9.3	13.0	23.1	27.2	15.9	30.1	11.9	11.7	7.7	18.8	4.5	4.5
18	8.7	15.2	18.0	38.4	16.4	19.7	11.4	11.0	7.5	13.5	4.5	4.5
19	8.3	14.1	16.3	23.1	16.7	16.9	11.1	10.2	7.3	11.0	4.5	4.3
20	13.3	15.5	20.3	17.4	15.0	15.2	11.3	9.7	7.0	9.8	4.5	4.3
21	12.7	14.2	18.9	15.8	14.5	14.0	10.8	9.2	6.7	8.9	4.5	4.3
22	11.9	12.7	17.4	18.9	13.0	13.0	12.8	10.8	6.6	8.6	4.5	4.3
23	10.5	12.9	17.5	21.3	11.6	12.0	13.1	24.8	6.3	8.0	4.6	4.2
24	16.2	13.5	23.9	35.3	11.7	11.5	12.1	32.5	6.1	7.6	4.4	4.0
25	16.0	17.6	19.8	25.2	14.0	13.4	11.5	36.5	6.0	7.3	4.3	4.0
26	12.9	14.9	16.6	19.5	12.8	20.0	10.7	23.7	6.1	7.0	4.3	4.0
27	11.6	33.3	15.8	23.3	11.2	27.7	10.3	17.1	7.0	6.7	4.3	3.9
28	18.3	53.9	16.1	23.4	13.3	40.9	9.8	14.4	6.3	6.5	4.3	3.9
29	16.8	26.3	14.6	29.8		29.3	9.7	12.8	5.9	5.3	4.2	4.0
30	15.8	19.0	13.2	23.2		19.3	10.2	11.5	5.8	6.1	4.0	4.0
31	14.1		11.7	33.7		18.9		10.6		6.0	4.0	
MEAN	11.0	17.9	23.1	24.6	17.8	20.2	14.5	13.6	9.1	8.2	4.8	4.7
TONS/KI <sup>2</sup>	11.3	29.7	54.4	97.8	26.0	44.7	10.2	12.7	3.3	3.6	.5	.6
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											293.8	
TOTAL SUSPENDED SEDIMENT (tons)											344.3	

Table 47

UPPER CLEARWATER RIVER  
BASIN AREA = 9590 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	1.4	5.8	10.3	4.6	25.5	6.3	12.6	4.4	4.4	1.7	1.8	1.1
2	1.4	4.9	11.5	4.1	21.9	5.1	11.7	4.2	4.4	1.7	1.8	1.0
3	1.3	4.3	16.7	3.8	67.3	4.4	10.4	3.6	7.7	2.5	1.7	1.0
4	1.3	4.0	11.9	3.5	34.2	5.5	9.8	3.5	10.5	2.3	1.7	1.0
5	1.4	3.6	10.0	3.4	14.2	8.0	12.6	4.0	8.5	1.9	1.6	1.1
6	1.3	3.4	23.2	3.4	9.7	5.9	16.1	4.2	7.1	1.8	1.6	1.0
7	1.4	3.3	27.0	3.4	7.7	4.8	12.7	4.1	6.1	1.7	1.6	1.0
8	2.5	3.2	12.3	3.4	6.3	4.1	9.5	3.8	5.2	1.7	1.5	2.8
9	1.6	16.2	8.9	3.4	5.0	8.2	8.0	4.6	4.7	2.3	1.5	5.0
10	1.5	15.4	8.8	3.4	4.3	35.7	7.3	4.6	4.4	5.1	1.4	2.6
11	1.7	14.9	25.4	3.3	4.4	17.7	14.0	6.1	4.1	5.6	1.4	1.8
12	7.6	14.1	30.8	24.3	4.5	11.4	10.0	5.8	3.8	4.9	1.4	1.6
13	38.3	15.6	29.8	70.0	7.2	8.9	8.2	5.3	3.7	3.6	1.4	1.5
14	8.4	11.1	18.1	114.9	16.2	7.3	7.0	7.9	3.3	3.1	1.3	1.4
15	5.7	15.8	74.2	78.3	10.6	48.2	6.6	6.6	3.1	3.2	1.3	1.3
16	4.7	15.4	49.5	55.5	11.1	65.9	6.3	6.0	2.9	3.6	1.3	1.3
17	3.8	10.5	15.6	20.2	8.7	23.8	5.5	5.4	2.8	11.3	1.3	1.3
18	3.4	8.1	10.6	35.4	9.1	12.2	5.2	4.9	2.7	6.8	1.3	1.2
19	3.2	7.2	9.0	15.6	9.4	9.5	4.9	4.4	2.6	4.9	1.3	1.2
20	6.7	8.4	12.7	10.0	7.9	8.1	5.1	4.0	2.4	4.1	1.2	1.1
21	6.1	7.3	11.3	8.5	7.5	7.1	4.7	3.7	2.3	3.6	1.2	1.1
22	5.5	6.1	10.0	11.4	6.3	6.3	6.2	4.9	2.2	3.3	1.3	1.1
23	4.6	6.2	10.1	13.7	5.3	5.6	6.4	17.9	2.1	3.0	1.3	1.1
24	9.2	6.8	16.9	30.8	5.5	5.2	5.7	26.5	2.0	2.7	1.2	1.1
25	8.8	10.2	12.2	18.0	7.1	6.7	5.3	31.9	1.9	2.6	1.2	1.1
26	6.3	7.9	9.2	11.9	6.2	12.5	4.7	16.3	2.0	2.4	1.1	1.1
27	5.3	31.4	8.6	15.9	5.1	20.8	4.4	9.7	2.4	2.3	1.1	1.0
28	10.9	60.2	8.9	16.0	6.5	38.4	4.1	7.5	2.1	2.1	1.1	1.0
29	9.4	19.3	7.6	23.4		22.8	4.0	6.1	1.9	2.0	1.1	1.0
30	8.6	11.5	6.4	15.7		12.5	4.3	5.2	1.8	2.0	1.1	1.0
31	6.8		5.3	28.4		11.4		4.6		1.9	1.1	
MEAN TONS/MI <sup>2</sup>	5.8 11.2	11.8 31.1	17.1 61.4	21.2 131.4	11.6 25.4	14.5 49.0	7.8 6.6	7.4 10.1	3.8 1.8	3.3 1.3	1.4 .2	1.4 .3
ANNUAL SUSPENDED SEDIMENT (tons/mi <sup>2</sup> )											329.8	
TOTAL SUSPENDED SEDIMENT (tons)											4941.9	

Table 48

SUZY CREEK  
BASIN AREA = 1030 ACRES

SUSPENDED SEDIMENT CONCENTRATIONS IN MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.0	0.8	3.5	0.5	37.8	1.0	5.6	0.4	0.4	0.4	0.0	0.0
2	0.0	0.5	4.6	0.4	30.5	0.6	4.7	0.3	0.4	0.4	0.0	0.0
3	0.0	0.4	11.4	0.3	254.0	0.4	3.5	0.2	3.0	0.1	0.0	0.0
4	0.0	0.3	5.0	0.2	79.1	0.8	3.1	0.2	3.6	0.1	0.0	0.0
5	0.0	0.2	3.2	0.2	8.0	1.8	6.7	0.3	2.1	0.1	0.0	0.0
6	0.0	0.2	31.2	0.2	2.9	0.9	10.5	0.4	1.3	0.0	0.0	0.0
7	0.0	0.2	42.7	0.2	1.6	0.5	5.8	0.3	0.9	0.0	0.0	0.0
8	0.1	0.2	5.5	0.2	1.0	0.3	2.8	0.3	0.6	0.0	0.0	0.7
9	0.0	14.8	2.4	0.2	0.6	2.8	1.8	0.5	0.5	0.1	0.0	0.9
10	0.0	9.9	2.7	0.2	0.5	85.1	1.5	0.5	0.4	0.7	0.0	0.1
11	0.0	8.8	40.5	0.2	0.4	14.2	7.8	0.9	0.3	0.9	0.0	0.1
12	6.3	7.8	94.3	54.7	0.4	4.4	3.2	0.8	0.3	0.5	0.0	0.0
13	190.7	10.3	49.5	549.3	2.1	2.4	1.9	0.7	0.3	0.3	0.0	0.0
14	2.1	4.2	14.8	1528.5	12.8	1.4	1.3	1.8	0.2	0.2	0.0	0.0
15	0.8	10.2	696.1	561.9	3.7	259.5	1.1	1.1	0.2	0.2	0.0	0.0
16	0.5	9.5	255.0	261.5	4.2	404.1	1.0	0.9	0.2	0.3	0.0	0.0
17	0.3	3.7	10.2	20.4	2.2	32.1	0.7	0.7	0.1	4.6	0.0	0.0
18	0.2	1.9	3.7	95.4	2.5	5.3	0.6	0.5	0.1	1.2	0.0	0.0
19	0.2	1.4	2.4	10.3	2.7	2.8	0.5	0.4	0.1	0.5	0.0	0.0
20	1.3	2.1	5.9	3.2	1.8	1.9	0.6	0.3	0.1	0.3	0.0	0.0
21	1.0	1.5	4.3	2.1	1.6	1.3	0.5	0.3	0.1	0.2	0.0	0.0
22	0.7	0.9	3.1	4.7	1.0	1.0	1.0	0.6	0.1	0.2	0.0	0.0
23	0.5	1.0	3.3	6.9	0.7	0.7	1.0	17.6	0.1	0.2	0.0	0.0
24	3.4	1.2	15.2	62.7	0.8	0.6	0.8	36.6	0.1	0.1	0.0	0.0
25	2.4	3.4	5.3	15.1	1.4	1.3	0.6	58.9	0.1	0.1	0.0	0.0
26	1.0	1.8	2.6	5.0	1.0	5.9	0.5	11.8	0.1	0.1	0.0	0.0
27	0.7	131.4	2.2	10.6	0.6	20.4	0.4	3.0	0.1	0.1	0.0	0.0
28	4.2	371.5	2.3	10.5	1.1	100.1	0.3	1.5	0.1	0.1	0.0	0.0
29	2.8	17.7	1.6	28.8		27.5	0.3	0.9	0.1	0.1	0.0	0.0
30	2.2	4.6	1.1	9.9		6.5	0.4	0.6	0.0	0.1	0.0	0.0
31	1.4		0.7	47.4		4.4		0.5		0.1	0.0	
MEAN TONS/MI <sup>2</sup>	7.2 55.3	20.7 145.8	42.8 372.9	106.2 1175.6	16.3 74.6	32.0 216.7	2.4 2.9	4.6 13.1	0.5 0.5	0.4 0.0	0.0 0.0	0.0 0.0

ANNUAL SUSPENDED SEDIMENT (tons/mi<sup>2</sup>) 2057.4

TOTAL SUSPENDED SEDIMENT (tons) 3311.1

Table 49

PRECIPITATION

Tables 50-54

MORRISON CAMP  
ELEVATION = 120 FEET

PRECIPITATION IN INCHES WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1				0.01	0.34	0.59	1.05	1.28	0.10	0.01		
2				0.01	1.20		1.39	0.01	0.12			
3		0.25			2.21		0.32		1.73	1.51		
4		0.65			0.20	0.50	0.59		0.85	0.01		0.15
5		0.02	0.53			1.69	0.95	0.56	0.02			0.04
6		1.00	2.37		0.01	0.03	0.97	0.05	0.34			
7		0.06	0.27			0.44	0.11	0.45	0.12			
8		0.05				0.27	0.09	0.07		0.08		1.90
9		1.55	0.01			0.12	0.13	0.64		0.40		0.30
10		0.36	0.87			3.45	2.98	0.42		0.78		0.04
11	0.10		1.70	0.01	0.05	1.13	0.10	0.62		0.67		
12	0.36		3.34	1.67	0.32	0.27		0.50				
13	3.05	0.32	0.82	1.29	0.87	1.45		0.57				
14	1.42	0.92	0.41	1.85	1.01	0.28	0.15	1.50		0.11		
15		1.35	3.69	0.60	1.08	0.68		0.19		0.48		
16	1.00	0.57		0.43	0.31	5.18		0.15		1.67		
17		0.01	0.34	0.02	0.50	0.78				1.33		
18			0.01	2.82	0.80	0.55		0.01				
19			0.52	0.11	0.58		0.79					
20		1.80	0.80	0.34	0.13		0.48	0.01				
21		0.47	0.35	1.86	0.68		0.07		0.01			
22		0.06	0.34	1.40	0.07		1.22	0.83	0.01	0.04	0.17	
23		0.67	0.34	1.97	0.07			1.68			0.14	
24		1.14	1.98	3.73	1.64		0.43	3.67				
25		1.00	0.25	1.16	0.57	0.82	0.01	1.72				
26		0.31	0.21	0.73	0.50	2.02	0.22		0.32			
27		0.09	0.75	1.29	0.32	1.75	0.01		0.29			
28		0.15	0.24	0.28	0.62	1.50	0.02					
29				0.51		0.49						
30			0.24	0.54		0.14	0.09					
31				2.23		0.60						
TOTAL	11.50	13.80	20.38	24.86	14.71	24.73	12.17	14.94	3.91	7.09	0.31	2.43
									ANNUAL	150.8		

Table 50

CHRISTMAS RIDGE  
ELEVATION +1200 FEET

PRECIPITATION IN INCHES WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.01		1.33		0.64	0.40	0.83	0.62	0.16	0.07		
2			1.45		2.36		0.60		0.17			
3			0.50		3.62	0.15	0.11		1.89	1.22		
4			0.02		0.34	1.45	0.84		0.83	0.04		0.25
5	0.24	0.50	0.80			0.29	0.83	0.50	0.04			0.15
6		0.38	2.45			0.40	0.50	0.07	0.24			
7	0.52	0.49	0.42			0.18	0.17	0.23				
8	0.07	0.01				0.04	0.04	0.03		0.34		2.75
9		3.25				3.60	0.12	0.69		0.52		0.50
10		1.35	1.45			2.10	0.66	0.48		0.49		0.01
11	0.19	1.20	0.66		0.10	0.30	0.67	0.52		0.99		
12	0.52	1.30	1.36	3.50	0.61	0.25	0.03	0.10		0.21		
13	3.62	1.50	3.00	3.25	2.39	0.40		0.43				
14	1.20	1.75	2.00	3.80	0.98	0.35		0.79		0.05		
15		1.25	0.50	2.00	1.07	4.18	0.25	0.40		0.60		
16	.01	1.60	6.03	1.75	0.15	2.20		0.30		1.74		
17	.01		0.05	0.03	0.60	0.40				1.76		
18	.10		0.35	2.39	0.98							
19	.45	2.00	0.13	0.04	0.48		0.03					
20	.10	1.50	1.00	0.20	0.13		0.35					
21	.75	0.25	0.80	1.00	0.74		0.28	0.10				
22	.01	0.02	0.34	1.53			0.12					
23	.10	1.00	0.30	1.01	0.15		0.88	1.42	0.01	0.08	0.15	
24	.85	1.00	1.91	3.00	1.53			2.85			0.17	
25	.05	1.00	0.58	1.20	0.63	0.50	0.27	2.10				
26	.15	0.50		0.40	0.20	2.46	0.02	1.85	0.01			
27	.55	0.90	0.68	1.40	0.55	2.10	0.17	0.01	0.32			
28	1.55	1.28	0.29	0.75	0.67	0.87	0.04		0.36			
29	.75	0.65		1.18		0.43	0.01					
30	.03	0.25		0.46		0.51	0.04	0.02				
31	.30			2.80		1.65						
TOTAL	12.13	24.43	28.40	31.69	18.92	25.21	7.86	13.51	4.03	8.12	0.32	3.66
									ANNUAL	178.3		

Table 51

CLEARWATER HONOR CAMP  
ELEVATION = 800 FEET

PRECIPITATION IN INCHES WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1		0.01	1.30	0.01	0.90	0.70	1.45	0.66	0.23			
2			1.65		3.30		1.31		0.17			
3		0.01	0.70		3.25	0.13	0.05		1.69	1.12		
4					0.31	0.35	0.76		0.71			0.17
5	0.20	0.16	0.92			0.03	1.54	0.43	0.03			0.04
6		0.62	2.58			0.41	1.04	0.04	0.33			
7	0.32	0.51	0.34			0.25	0.20	0.18				
8	0.12	0.06				0.11	0.04	0.11		0.25		1.95
9	0.01	3.15	0.01			5.03	0.04	0.75		0.90		0.33
10		1.45	1.14			2.05	0.45	0.55		0.81		0.06
11	0.07	1.24	2.00		0.15	0.50	0.40	0.45		1.05		
12	0.35	1.22	2.05	3.40	0.51	0.73	0.11	0.38		0.05		
13	2.43	1.44	2.14	3.55	3.14	0.65		0.43		0.03		
14	1.15	1.23	1.35	4.05	1.20	0.53		1.02		0.37		
15		0.97	5.11	1.90	1.35	4.45	0.45	0.36		1.09		
16	0.10	0.68	0.52	1.71	0.39	1.75		0.24		1.32		
17	0.01		0.01	0.10	0.67	0.46		0.01				
18	0.15		0.03	2.56	1.02							
19	0.27	1.70	0.80	0.01	0.73		0.29	0.01				
20	1.00	1.30	1.15	0.19	0.16		0.16	0.09				
21	0.55	0.24	0.80	1.44	0.85		0.12					
22		0.02	0.43	0.75	0.09		0.86	1.31		0.03	0.08	
23	0.09	1.00	0.55	0.82	0.87			2.35			0.02	
24	1.82	1.17	1.69	2.52	2.05		0.25	2.05				
25	0.02	0.91	0.57	1.51	0.71			1.21	0.01			
26	0.13	0.51	0.17	0.59	0.60		0.12	0.01	0.20			
27	0.43	2.12	0.70	1.30	0.40	1.12	0.03		0.39			
28	1.54	1.55	0.19	0.87	0.95	2.45						
29	0.73	0.79		0.75		0.78		0.01				
30	0.03	0.41	0.02	0.62		0.65	0.03					
31	0.30			3.30		0.69		0.01				
TOTAL	11.82	24.47	28.92	32.95	23.60	26.67	9.70	12.66	3.77	7.02	0.10	2.55

ANNUAL 184.2

Table 52

STEQUALEHO CREEK  
ELEVATION = 800 FEET

PRECIPITATION IN INCHES WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1			1.30		0.76	0.77	0.85	0.63	0.18	0.02		
2			1.65		2.28	0.01	1.41		0.09			
3		0.09	0.70		3.28	0.10	0.15		1.85	1.14		
4		0.15			0.45	1.44	1.07		0.71			0.15
5	0.26	0.50	1.05		0.01	0.02	1.31	0.38	0.02			0.04
6		0.84	2.95			0.41	1.10	0.02	0.36			
7	0.55	0.18	0.39			0.28	0.05	0.05	0.01			
8	0.04	0.03				0.09	0.04	0.10		0.26		2.73
9		3.27	0.01			4.10	0.06	0.80		0.97		0.39
10		1.34	1.30			2.28	1.05	0.54		0.74		0.12
11	0.07	1.15	2.30		0.10	0.57	0.84	0.36		1.19		
12	0.35	1.32	2.35	3.90	0.60	0.86	0.08	0.15		0.08		
13	2.43	1.64	2.45	3.10	3.45	0.59		0.67				
14	1.15	1.25	1.55	3.75	1.20	0.60		1.17		0.03		
15		1.25	0.60	2.25	1.92	4.55	0.40	0.47		0.46		
16	0.10	1.63	5.83	1.72	0.15	0.63		0.14		1.51		
17			0.01	0.18	1.08	0.26		0.02		1.28		
18	0.11	0.01	0.03	2.87	0.98		0.01	0.01				
19	0.44	2.20	0.13	0.04	0.65		0.25	0.04				
20	1.09	1.53	1.08	0.20	0.23		0.16	0.10				
21	0.74	0.24	0.79	1.45	1.60		0.12	0.01				
22	0.01	0.02	0.40	1.50	0.57		0.96	1.35			0.06	
23	0.11	1.00	0.27	1.00	0.96			3.13			0.02	
24	1.46	1.17	1.90	2.11	1.88		0.41	1.92				
25	0.07	0.91	0.57	1.33	0.78	1.00		1.25	0.02			
26	0.10	0.51	0.01	0.63	0.72	1.94	0.10	0.01	0.23			
27	0.56	2.15		1.21	0.56	2.47	0.05		0.41			
28	0.36	1.55		0.83	1.17	3.15						
29	0.61	0.79		1.10		0.98						
30	0.03	0.41		1.09		0.47	0.02					
31	0.25			3.25		0.79						
TOTAL	11.89	27.13	29.62	33.51	25.38	29.36	10.49	13.32	3.88	7.68	0.08	3.43

ANNUAL 195.7

Table 53

QUEETS RIDGE  
ELEVATION = 2200 FEET

PRECIPITATION IN INCHES WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	0.01		1.84		0.80	0.06	1.38	0.83	0.14	0.07		
2			1.41		2.50	0.20	1.02		0.18			
3		0.10	1.60		3.40	0.28	0.26		1.99	1.25		0.01
4	0.04	0.31	0.01		0.50	1.50	0.94		0.90			0.26
5	0.21	0.70	1.26			0.08	0.82	0.42	0.13			0.07
6	0.01	0.90	2.48			0.18	0.92	0.10	0.28			
7	0.67	0.20	1.26			0.32	0.12	0.40				
8	0.14	0.05				0.10	0.03	0.07		0.35		2.78
9	0.09	3.50				4.50	0.03	0.74		1.00		0.58
10	0.23	1.40	1.70			2.50	1.16	0.40		0.75		0.22
11	0.55	1.28	2.42		0.11	0.65	1.10	0.64		1.20		
12	2.50	1.80	2.08	4.29	0.65	0.95	0.15	0.18		0.05		
13	1.01	0.50	1.86	3.41	3.75	0.65		0.52				
14		1.00	0.82	4.13	1.35	0.65		0.98	0.02	0.05		
15	0.32	0.85	6.40	2.48	2.15	5.00	0.36	0.32		0.45		
16	0.01	1.20	0.20	1.89	0.20	1.75	0.01	0.14		1.50		
17		0.04	0.80	0.14	1.30	0.30		0.04		1.35		
18	0.25			3.16	1.15		0.01	0.02				
19	0.39	1.50	0.68	0.05	0.28		0.50	0.06				
20	1.08	1.50	0.56	0.23	0.04		0.24	0.08				
21	0.93	0.34		0.62	1.80		0.17					
22		0.19		1.06	0.70		1.21	1.36		0.05	0.15	
23	0.10	0.93	0.20	0.86	1.10			2.64			0.10	
24	1.08	1.77	2.20	2.50	2.10		0.40	2.74				
25	0.10	0.80	0.23	1.46	0.90	0.58		1.68	0.01			
26	0.22	0.50	0.09	0.69	0.80	1.40	0.13	0.01	0.35			
27	0.37	1.90	1.70	1.33	0.60	2.50	0.06		0.36			
28	1.64	1.96	0.11	0.91	1.30	3.00		0.01				
29	1.05	0.85		1.21		0.59		0.03				
30	0.02	0.05		1.20		0.18	0.02					
31	0.28			3.58		0.77						
TOTAL	13.30	27.12	31.91	35.20	27.48	28.69	11.04	14.41	4.37	8.07	0.25	3.92

ANNUAL 205.7

Table 54

CLIMATE  
Tables 55-58

MORRISON CAMP  
ELEVATION = 120 FEET

AVERAGE DAILY AIR TEMPERATURE (6am-12N-6pm) IN °F

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1			44	30	40	38	45	40	49	55	64	65
2			43	29	44	38	44	43	49	53	61	74
3			44	27	44	34	45	44	45	52	60	65
4			43	26	42	40	41	47	47	58	61	67
5			41	25	39	37	48	44	51	57	61	69
6			48	25	37	33	41	48	48	59	58	66
7			44	24	38	33	46	49	51	58	59	67
8		no data	38	27	43	32	48	48	51	61	62	62
9		no data	35	24	37	43	49	45	53	57	66	65
10		no data	43	31	35	44	46	48	56	56	59	67
11		no data	45	32	38	44	48	48	58	53	59	64
12		no data	43	39	39	37	48	46	62	58	59	69
13		no data	41	45	36	40	52	43	56	63	59	62
14		40	41	48	38	40	56	44	55	57	62	66
15		46	49	49	40	48	48	45	58	55	64	68
16	no data	42	42	48	41	45	48	45	57	55	58	67
17	no data	38	43	40	37	44	49	48	61	61	58	62
18	no data	35	40	45	40	45	50	49	58	61	61	68
19	no data	37	44	38	39	44	46	51	54	60	62	71
20	no data	37	48	35	37	43	50	45	54	61	62	72
21	no data	39	42	32	33	41	46	51	57	61	59	70
22	no data	33	40	39	30	42	47	50	52	62	62	70
23	no data	48	42	45	36	43	48	50	52	64	63	67
24	no data	42	42	45	38	45	46	51	52	59	66	69
25	no data	39	40	42	40	46	49	52	50	61	65	56
26	no data	38	35	36	36	52	50	52	51	66	69	59
27	no data	46	38	41	38	51	50	49	53	65	70	52
28	no data	44	39	42	41	49	52	47	56	72	68	58
29	no data	42	35	43		45	57	44	64	72	66	56
30	no data	41	35	36		47	47	48	55	68	61	54
31	no data		32	44		44		48		70	61	
MEAN		40	41	37	38	42	48	47	54	60	62	65

Table 55

STEQUALEHO  
ELEVATION = 800 FEET

AVERAGE DAILY AIR TEMPERATURE (6am-12N-6pm) IN °F

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	45	38	39	28	35	33	40	42	57	50	74	72
2	47	37	38	27	37	33	40	45	54	56	69	75
3	46	32	38	25	40	31	40	48	49	54	69	63
4	46	29	36	24	36	37	38	53	50	56	68	65
5	46	29	36	23	37	33	44	48	51	58	64	63
6	38	32	39	23	35	31	36	53	48	58	60	64
7	43	32	45	23	35	28	41	51	54	59	60	64
8	47	37	35	25	40	30	45	47	53	61	63	58
9	46	51	35	25	35	41	43	44	58	57	70	59
10	45	49	43	28	33	41	40	46	65	56	63	58
11	42	51	43	31	36	41	40	44	65	54	60	62
12	43	44	39	39	37	34	39	42	66	58	59	66
13	48	36	38	41	34	34	46	42	61	64	64	67
14	47	33	37	46	36	37	51	41	53	58	60	67
15	44	39	45	46	38	46	40	42	61	54	65	66
16	51	36	39	42	39	42	45	44	63	57	64	66
17	54	33	39	34	35	41	47	49	68	60	56	65
18	56	30	39	42	38	41	40	46	63	59	61	67
19	51	33	43	34	36	40	41	48	58	63	58	73
20	50	31	45	31	37	39	43	50	53	64	61	75
21	48	33	41	30	35	37	41	52	59	65	59	74
22	50	31	38	35	31	38	43	48	55	62	61	72
23	49	34	38	41	31	39	47	49	54	63	64	71
24	47	36	38	40	35	41	43	53	56	63	69	73
25	46	33	35	36	36	42	45	53	47	65	70	61
26	47	34	33	31	33	47	45	52	48	71	74	58
27	54	43	35	37	34	46	44	51	50	72	75	51
28	49	39	36	37	37	44	49	52	54	78	77	57
29	48	37	33	37		45	55	49	67	77	75	55
30	46	39	33	31		41	48	53	55	76	64	55
31	42		30	38		41		56		77	63	
MEAN	47	36	38	33	36	39	43	48	57	62	65	65

Table 56

MORRISON CAMP  
ELEVATION = 120 FEET

AVERAGE DAILY RELATIVE HUMIDITY (6am-12N-6pm) IN%

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1			80	85	78	86	83	98	79	76	72	76
2			86	80	86	66	84	82	83	78	78	53
3			76	80	87	87	74	79	92	93	74	79
4			86	80	71	88	85	77	86	80	72	86
5			87	80	76	79	72	96	84	79	72	82
6			86	80	77	83	88	85	82	74	80	76
7			78	58	81	84	75	91	74	74	78	71
8		no data	83	80	74	79	73	74	74	86	77	91
9		no data	89	88	79	86	75	85	73	83	67	81
10		no data	83	85	80	87	84	78	68	78	77	80
11			82	82	80	75	73	86	68	83	77	80
12			85	89	87	85	65	77	60	68	77	70
13			88	88	83	73	53	90	82	64	79	64
14		80	87	87	83	80	54	79	78	82	77	75
15		84	86	83	77	87	79	77	72	84	70	75
16		75	88	80	80	82	66	70	72	91	81	69
17	no data	81	89	81	81	79	61	74	65	86	82	82
18	no data	77	87	83	86	76	65	77	70	77	77	70
19	no data	85	77	85	83	79	84	73	75	73	77	61
20	no data	88	81	86	71	65	69	68	80	69	74	57
21	no data	83	87	91	82	72	84	69	78	80	67	56
22	no data	89	79	89	87	78	81	89	65	83	80	56
23	no data	84	87	89	86	70	78	92	71	76	79	58
24	no data	83	81	88	73	70	90	92	72	79	75	54
25	no data	87	86	81	84	88	77	89	81	73	75	85
26	no data	89	87	88	86	82	83	72	85	66	66	71
27	no data	88	86	87	80	87	79	73	85	65	63	80
28	no data	81	84	86	76	86	78	73	71	59	69	71
29	no data	83	80	83		86	80	76	67	63	77	68
30	no data	87	86	86		84	84	69	75	68	83	78
31	no data		83	85		84		68		61	82	
MEAN		84	85	84	80	80	76	80	76	76	75	72

Table 57

STEQUALEHO  
ELEVATION = 800 FEET

AVERAGE DAILY RELATIVE HUMIDITY (6am-12N-6pm) IN %

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
1	74	63	84	86	91	93	94	89	76	77	57	70
2	72	81	91	85	93	81	96	78	87	70	65	57
3	76	81	91	85	92	90	85	73	96	97	66	83
4	69	91	92	85	92	94	90	67	94	85	59	94
5	75	86	85	85	87	86	78	89	92	74	65	89
6	90	90	88	81	83	84	91	75	90	73	73	77
7	81	86	86	85	88	91	87	87	73	74	74	75
8	78	86	89	85	80	78	84	73	71	83	71	98
9	75	60	91	88	85	87	84	87	67	96	61	95
10	91	91	88	89	86	91	87	86	57	84	69	92
11	93	87	86	82	86	82	84	86	57	93	73	76
12	93	88	84	90	88	91	83	83	70	78	77	71
13	91	89	88	92	90	91	77	82	85	60	80	65
14	83	88	91	91	90	87	70	86	62	83	80	71
15	92	89	88	90	83	88	87	87	65	90	68	75
16	84	85	92	89	87	91	67	82	52	89	71	69
17	78	89	92	86	91	86	64	79	60	89	88	78
18	85	90	89	88	93	86	62	84	69	85	78	73
19	89	85	87	91	91	76	80	84	81	65	81	64
20	90	90	89	91	88	70	65	86	81	66	75	59
21	89	91	89	89	88	76	81	66	74	73	73	62
22	82	91	92	86	91	82	86	92	60	85	88	65
23	78	90	93	90	93	72	76	95	54	71	83	66
24	77	87	89	94	85	77	93	94	59	66	72	61
25	85	91	93	93	83	83	80	93	88	63	68	81
26	89	91	94	94	90	89	84	70	86	58	65	69
27	86	90	92	93	80	91	90	72	90	52	64	78
28	85	90	90	93	82	94	83	72	72	57	61	69
29	91	87	86	92		89	69	76	59	57	60	69
30	89	89	92	95		93	82	68	77	57	82	73
31	90		89	90		92		62		49	84	
MEAN	84	86	90	89	88	88	81	81	73	74	72	74

Table 58