

ERRATA NOTES – added November 7, 2013

**PLEASE NOTE THAT THESE DATA TABLES ARE CONSIDERED UNRELIABLE.**

At some point after the initial publication release, the data tables for this report were informally retracted and removed from the DGGS library and public sales. Written documentation describing why the tables were removed was either not provided or not preserved. This was standard operating procedure for the publication series (Public Data File) and the era in which this dataset was originally published. Subsequent personal communication between current DNR staff members and the authors indicates that the tables were pulled from circulation because the measurements were collected using equipment that was later found to have a faulty sensor.

In conjunction with recent division-wide historic data rescue efforts we have located and scanned the original data tables. We are providing these tables to allow users to view original information that may have been cited in subsequent studies. However, we remind users that information released in Public Data File reports was not technically reviewed prior to release and that DNR staff believe this particular dataset was retracted shortly after publication to prevent propagation of possibly erroneous information.

**PDF 90-14**

*Summary of Streamflow Data for the Little Salmon River and Walker Lake Creek, Skagway B-3 and B-4 Quadrangles, Alaska: Draft Report*

**Notes of data concern re draft Walker Creek draft report**

The following is correspondence from Roy Ireland on November 11, 2013 concerning the data that was collected and used for the Walker Creek draft report:

- 1) Over the past two decades, I have been contacted several times by different parties, all linked to the potential hydro-power project. Each of the discussions followed a similar pathway.
- 2) Equipment, both in the field and in the office, was much more primitive than nowadays. Computers were DOS or Windows 3.1 at best, data storage was via 5 1/4 floppy disks, data loggers were very primitive, using eproms as the recording medium (and they were very limited in data bit size (8) and storage (2k) with no date or time). Observation windows were limited in scope (30 minute intervals).
- 3) The sensors were the first generation of such devices, and the rubber housings absorbed water which caused the sensor readings to drift in non linear ways.
- 4) Salmon Creek had an unstable channel and was often displaced over the floodplain. Walker Lake stream was in an area of very heavy snowfall and often near to unmanageable as a result. Helicopter access was quite dangerous.
- 5) The site was visited as often as the budget allowed and at those times, the flow was measured using standard field equipment and professional gauging standards. A limited rating curve was developed for the site based on these measurements. The rating curve was based on at best three years of data and each year had at best four measurements - normal standards are at least four quarterly visits over 5 to 10 years, with valid data.
- 6) There was no practical way of making measurements during the critical high and low flows due to remoteness of the site and lack of forewarning of these events.
- 7) The project was curtailed after three years due to these inadequacies (which were later overcome by newer computers, better operating systems, greatly enhanced data loggers and totally redesigned sensors, but too late for this project). As mentioned, I was not the project leader and was only loosely aware of all the background negotiations with the Alaska Power Authority (APA, hereafter) and the eventual cancelation.
- 8) We were required to submit a report to the APA as a condition of the contract, despite it having been discontinued for equipment related issues and this requirement was reflected in the filing of the data report as a "draft report" only. I might add, that APA was fully aware of the sensor and computer problems of the time and was still eager for DNR to get into the electronic data gathering business, even sponsoring outside training.
- 9) The annual hydro-graph that was included in the report follows the general shape of the hydro-graph for a non-glacial snowmelt/precipitation driven stream. The proportions shown in the report were derived from the data available to Stan Carrick (the Project Leader) and may have included comparisons

with similar basins. Data from the data loggers would have appeared to be reasonable; however, there was no way to be reliably certain that the proportions were correct, given the sensor drift, the coarse data sensing periods and the missing of peak events.

10) All this said, I have repeatedly maintained that the consultants should install modern sensors and loggers to validate the existing data or to replace it completely. Had this been done, it is possible that 20 years of additional data could have been obtained. It was not.

11) It is always a fact that it is their money that they, the developers, are investing and their risks to take. Were it up to me, I would delay the project in order to acquire more data. Three years of (now missing) data presented in a draft report certainly would not satisfy me. I am sure the best effort was made at the time, but in retrospect it was too ambitious given the logistics and the equipment available.

Even the best attempts can fail to produce the required information and I feel there is reason the project was cancelled prior to completion. This is not intended to imply that inferior work was done - to the contrary, the project was cancelled as a proper result of the problems encountered. The equipment was discarded and newer devices were obtained as they came to market. The budget of this particular project limited any further activity and it was never resumed.

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State of Alaska  
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## DNR'S GIS PROJECT

AOS/V8 REVISION 7.64,00,00  
AOS/V8 XLPT-32 REVISION 7.64,00,00

## WALKER LAKE CREEK STREAMFLOW DATA

# DRAFT



DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & RGHE/11.8

18:35 SATURDAY, FEBRUARY 24, 1990 1

MONTH: JANUARY

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWH)	ENERGY (KWH-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	4.26	2.49	5.89	4.41	1.70	214.973	5159.35	3
2	3.83	2.37	5.88	3.84	1.46	193.123	4634.95	3
3	3.74	2.37	5.82	3.33	1.61	188.585	4526.03	3
4	3.47	2.25	5.28	2.89	1.60	175.138	4203.32	3
5	3.47	2.14	5.52	2.75	1.80	174.970	4199.29	3
6	3.35	2.03	5.41	2.62	1.81	169.087	4058.10	3
7	3.76	2.03	6.29	2.96	2.24	189.593	4550.23	3
8	3.70	2.03	5.64	3.42	1.82	186.400	4473.59	3
9	4.15	1.93	6.02	4.51	2.07	209.426	5026.23	3
10	4.10	1.93	5.76	4.61	1.97	206.737	4961.69	3
11	3.67	1.79	5.28	3.93	1.76	180.887	4437.29	3
12	3.92	1.83	6.43	3.80	2.33	197.661	4743.486	3
13	4.39	2.14	8.01	5.03	3.16	221.588	5316.67	3
14	4.26	2.25	7.77	5.75	3.05	214.637	5151.29	3
15	3.97	2.14	7.15	5.62	2.76	200.182	4804.37	3
16	3.76	2.05	6.29	5.75	2.20	189.761	4554.87	3
17	3.39	2.14	6.26	5.75	1.66	170.936	4102.47	3
18	3.34	1.88	5.52	5.62	1.92	168.415	4041.96	3
19	3.27	2.08	4.83	5.89	1.41	164.717	3953.22	3
20	2.95	2.03	4.21	5.62	1.13	148.918	3574.03	3
21	2.98	2.25	4.81	5.49	1.07	150.431	3610.34	3
22	3.38	2.37	4.72	5.04	1.21	170.264	4086.34	3
23	3.24	2.69	4.21	5.82	0.84	163.373	3920.95	3
24	3.03	2.62	3.84	5.62	0.70	152.616	3662.78	3
25	3.38	2.43	5.23	5.49	1.60	170.600	4094.40	3
26	3.77	2.10	6.85	5.37	2.67	190.265	4566.37	3
27	3.42	1.98	6.02	5.85	2.26	172.281	4134.74	3
28	2.92	1.79	4.94	5.03	1.75	147.237	3533.69	3
29	2.79	1.74	4.61	5.03	1.56	140.850	3380.40	3
30	2.73	1.74	4.41	5.03	1.47	137.489	3299.73	3
31	2.70	1.74	4.81	5.14	1.33	135.976	3263.42	3

KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD - 09/20/85 TO 09/20/86.

MEAN DAILY DISCHARGE SUMMARY  
H=700FT, EW85%, Q=FLOW & R=QHE/11.8

MONTH-FEBRUARY

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	2.76	1.52	4.61	2.14	1.63	139.001	3336.03	3
2	3.08	1.48	5.52	2.85	2.15	155.473	3731.35	3
3	2.79	1.40	4.83	2.14	1.81	140.682	3376.37	3
4	2.72	1.33	4.41	2.43	1.56	137.321	3295.69	3
5	2.79	1.63	3.84	2.89	1.11	140.514	3372.34	3
6	2.69	1.83	3.67	3.18	0.95	145.893	3501.42	3
7	2.72	1.61	3.67	2.89	1.04	137.321	3295.69	3
8	2.66	1.56	3.67	2.75	1.06	134.187	3219.05	3
9	2.50	1.56	3.33	2.62	0.89	126.227	3029.46	3
10	2.39	1.48	3.33	2.37	0.93	120.681	2896.34	3
11	2.27	1.48	3.18	2.14	0.86	114.294	2743.05	3
12	2.32	1.40	3.18	2.37	0.89	116.815	2803.56	3
13	2.29	1.33	3.18	2.37	0.93	115.638	2775.32	3
14	2.27	1.52	3.03	2.25	0.76	114.294	2743.05	3
15	2.25	1.48	3.03	2.25	0.76	113.621	2786.91	3
16	2.27	1.56	2.89	2.37	0.67	114.630	2751.12	3
17	2.22	1.65	2.75	2.25	0.55	111.773	2682.54	3
18	2.18	1.65	2.75	2.14	0.55	109.924	2638.17	3
19	2.60	2.34	3.03	2.43	0.38	131.102	3146.44	3
20	3.20	2.75	3.88	3.03	0.95	161.356	3872.84	3
21	3.24	2.62	4.21	2.89	0.85	163.373	3920.95	3
22	2.80	2.37	3.42	2.62	0.55	141.354	3392.51	3
23	2.45	2.14	2.71	2.49	0.29	123.370	2960.88	3
24	2.38	2.03	2.68	2.49	0.31	120.008	2880.20	3
25	2.53	2.14	2.82	2.62	0.35	127.404	3057.69	3
26	3.05	2.03	4.51	2.62	1.30	153.960	3695.05	3
27	3.18	1.93	5.29	2.31	1.84	160.179	3844.30	3
28	3.85	1.83	7.46	2.25	3.14	193.963	4655.18	3
29	1.98	1.98	1.98	1.98	,	99.839	2396.13	1

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18135 SATURDAY, FEBRUARY 24, 1990 13

MONTH=MARCH

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	3.61	1.74	7.15	1.93	3.07	181.861	4364.68	3
2	3.98	1.74	8.11	2.10	3.58	200.854	4820.31	3
3	4.05	1.74	8.44	1.98	3.80	204.384	4905.22	3
4	3.71	1.74	7.61	1.79	3.37	187.240	4493.76	3
5	3.41	1.74	6.56	1.93	2.73	171.945	4126.68	3
6	3.12	1.60	6.02	1.74	2.51	157.328	3775.73	3
7	2.95	1.65	5.28	1.93	2.02	148.918	3574.03	3
8	2.90	1.48	5.28	1.93	2.08	146.061	3505.46	3
9	2.86	1.48	5.28	1.83	2.10	144.380	3465.12	3
10	2.80	1.48	5.28	1.65	2.15	141.254	3392.51	3
11	2.70	1.40	4.61	2.08	1.69	135.976	3283.42	3
12	2.68	1.40	4.61	2.03	1.70	135.136	3243.25	3
13	2.58	1.40	4.41	1.93	1.61	130.093	3122.84	3
14	2.33	1.33	4.02	1.65	1.47	117.655	2823.73	3
15	2.24	1.33	3.84	1.56	1.39	113.117	2714.81	3
16	2.21	1.40	3.67	1.56	1.27	111.436	2674.47	3
17	2.15	1.40	3.50	1.56	1.17	108.579	2605.90	3
18	2.16	1.33	3.50	1.65	1.17	108.915	2613.96	3
19	2.44	1.33	3.50	2.49	1.09	123.034	2952.81	3
20	2.62	1.26	4.49	2.10	1.68	131.942	3166.61	3
21	2.79	1.33	5.05	1.98	1.99	140.514	3372.34	3
22	2.55	1.26	4.61	1.79	1.80	128.749	3089.96	3
23	2.39	1.40	4.02	1.74	1.42	120.345	2888.27	3
24	2.30	1.40	3.84	1.65	1.34	115.806	2779.35	3
25	2.18	1.46	3.50	1.56	1.14	109.924	2638.17	3
26	2.21	1.48	3.67	1.48	1.26	111.436	2674.47	3
27	2.16	1.40	3.67	1.40	1.31	108.747	2609.93	3
28	2.29	1.48	3.84	1.56	1.34	115.638	2775.32	3
29	2.33	1.40	3.67	1.93	1.19	117.655	2823.73	3
30	2.52	1.40	3.67	2.49	1.14	127.068	3049.63	3
31	2.45	1.48	3.50	2.37	1.01	123.538	2964.91	3

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18:35 SATURDAY, FEBRUARY 24, 1990 14

MONTH APRIL

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	2.30	1.48	3.18	2.25	0.85	116.143	2787.4	3
2	2.22	1.48	3.03	2.14	0.78	111.773	2682.5	3
3	2.35	1.40	3.50	2.14	1.07	118.328	2839.9	3
4	2.29	1.40	3.33	2.14	0.97	115.470	2771.3	3
5	2.44	1.40	3.67	2.25	1.15	123.034	2952.8	3
6	2.35	1.48	3.33	2.25	0.93	118.664	2847.9	3
7	2.48	1.33	3.85	2.25	1.28	124.883	2997.2	3
8	2.50	1.40	3.84	2.25	1.24	125.891	3021.4	3
9	2.48	1.56	3.50	2.37	0.97	124.883	2997.2	3
10	2.61	1.63	3.18	2.62	0.70	131.606	3158.5	3
11	2.58	1.63	3.03	2.69	0.66	130.261	3126.3	3
12	2.55	1.74	3.03	2.89	0.71	128.749	3090.0	3
13	2.69	1.74	3.89	2.75	0.93	135.808	3259.4	3
14	2.06	1.65	4.92	2.62	1.68	154.465	3707.2	3
15	2.55	1.74	6.09	2.62	2.41	179.004	4296.1	3
16	2.54	1.83	6.29	2.49	2.41	178.332	4280.0	3
17	2.43	2.03	5.76	2.49	2.03	172.785	4146.8	3
18	2.42	2.37	5.52	2.37	1.82	172.449	4136.8	3
19	2.74	2.69	5.76	2.76	1.75	188.417	4522.0	3
20	4.23	3.18	6.02	3.50	1.96	213.460	5123.0	3
21	4.20	3.33	5.76	3.50	1.36	211.611	5078.7	3
22	4.32	3.18	5.76	4.03	1.31	217.998	5232.0	3
23	4.51	2.89	6.02	4.62	1.57	227.411	5457.9	3
24	4.68	2.89	5.76	5.40	1.56	236.151	5667.6	3
25	4.98	2.75	6.43	5.76	1.96	251.110	6026.6	3
26	6.91	2.75	11.68	6.29	4.50	348.260	8358.2	3
27	7.92	2.75	14.72	6.29	6.15	399.356	9584.9	3
28	9.81	2.89	20.26	6.29	9.21	494.825	11875.8	3
29	10.90	3.03	22.83	6.85	10.50	549.786	13194.9	3
30	13.18	3.33	28.60	7.61	13.52	664.584	15950.0	3

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18136 SATURDAY, FEBRUARY 24, 1990 5

MONTH MAY

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	14.16	3.76	30.11	8.62	14.02	714.17	17140.0	3
2	14.43	4.62	27.69	10.99	11.91	727.78	17466.8	3
3	14.67	5.65	25.00	13.36	9.74	739.72	17753.2	3
4	15.44	7.01	22.54	16.78	7.85	778.71	18689.0	3
5	16.11	8.99	22.97	22.37	7.90	913.17	21916.2	3
6	20.09	9.32	27.13	23.81	9.47	1012.84	24308.3	3
7	22.91	11.65	31.34	25.54	10.20	1155.21	27725.0	3
8	25.63	14.40	33.16	29.34	9.91	1292.53	31020.7	3
9	29.16	16.73	37.58	33.16	10.99	1470.19	35284.5	3
10	32.73	18.33	49.34	30.53	15.62	1650.54	39612.9	3
11	36.01	19.01	61.01	28.01	22.11	1815.76	43578.2	3
12	40.09	17.68	74.57	28.01	30.31	2021.32	48511.6	3
13	60.14	17.68	132.7	29.99	63.18	3032.31	78775.5	3
14	63.27	18.33	138.9	32.62	65.85	3190.14	76563.3	3
15	49.34	19.72	94.02	34.28	39.37	2487.91	59709.7	3
16	41.32	22.74	65.81	36.02	21.73	2083.68	50006.2	3
17	36.69	25.70	52.54	37.83	13.44	1950.89	46821.4	3
18	37.53	27.07	46.43	39.10	9.77	1892.57	45421.7	3
19	35.47	26.15	43.65	36.62	8.81	1788.70	48928.7	3
20	36.67	29.81	48.07	35.43	7.85	1849.04	44376.9	3
21	36.75	33.18	45.83	37.23	6.46	1953.75	46890.0	3
22	42.11	34.86	51.07	40.39	8.24	2123.17	50956.2	3
23	43.82	36.02	54.38	41.07	9.48	2269.73	53033.6	3
24	45.35	34.30	59.54	42.20	12.91	2286.55	54877.1	3
25	48.02	41.28	57.78	44.99	8.66	2421.18	58108.3	3
26	50.39	46.38	52.79	52.01	3.50	2541.02	60984.4	3
27	55.89	48.86	63.45	54.45	7.36	2802.89	67269.2	3
28	58.07	49.68	68.40	56.13	9.51	2928.10	70274.5	3
29	60.80	53.71	68.37	60.31	7.34	3065.59	73574.2	3
30	63.75	58.40	68.40	64.45	5.04	3214.51	77148.3	3
31	64.77	61.31	71.49	61.51	5.82	3265.94	78382.6	3

KLUKWA DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/86.

MEAN DAILY DISCHARGE SUMMARY  
H=700FT, E=85%, Q=FLOW & R=QHE/11.8

## MONTH JUNE

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	57.48	52.41	66.38	53.69	7.73	2898.38	69561	12
2	51.97	49.79	56.19	49.93	3.66	2620.52	62692	12
3	47.74	45.97	50.42	46.83	2.36	2407.23	57773	12
4	47.22	44.04	49.84	47.79	2.94	2381.18	57148	12
5	52.68	41.69	60.61	55.73	9.02	2656.15	63748	12
6	65.36	40.44	83.38	72.86	22.29	3295.69	79097	12
7	83.16	44.45	104.4	100.6	33.58	4193.40	100642	12
8	82.07	44.48	110.5	91.30	33.96	4138.87	99319	12
9	73.00	47.35	87.47	84.18	28.27	3680.93	88342	12
10	63.45	47.38	75.86	67.13	14.61	3199.22	76781	12
11	54.97	47.35	67.31	50.04	10.95	2771.62	66519	12
12	50.54	44.83	60.90	45.88	8.99	2548.25	61158	12
13	47.99	41.28	58.25	44.45	9.08	2420.00	58080	12
14	51.64	40.37	60.05	54.49	10.15	2603.71	62489	12
15	60.73	38.50	79.94	63.74	20.88	3062.06	73490	12
16	61.14	34.30	87.21	61.91	26.46	3082.91	73990	12
17	55.66	36.62	73.71	56.65	18.56	2806.58	67358	12
18	51.88	40.39	65.05	50.21	12.41	2616.15	62788	12
19	50.46	44.42	62.52	44.45	10.44	2544.55	61069	12
20	48.30	40.47	57.07	47.36	8.34	2435.46	58451	12
21	49.77	40.49	55.96	52.85	8.18	2509.42	60226	12
22	49.19	39.25	57.05	51.26	9.08	2480.17	59924	12
23	43.59	39.28	46.92	44.56	3.91	2197.80	58747	12
24	38.67	36.33	43.05	36.62	3.80	1949.72	46793	12
25	34.82	31.54	40.39	32.53	4.85	1755.75	42138	12
26	34.12	31.02	39.84	31.51	4.96	1720.62	41295	12
27	34.82	28.53	45.88	30.05	9.61	1755.75	42138	12
28	36.57	28.64	52.07	29.00	13.42	1843.99	44256	12
29	37.70	29.61	52.11	31.38	12.51	1900.97	45623	12
30	37.55	28.70	49.64	34.30	10.84	1893.24	45438	12

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, EW85%, Q=FLOW & R=QHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 7

MONTH#JULY

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	37.02	28.72	46.92	35.43	9.20	1866.85	44804.5	3
2	35.36	26.75	43.05	34.28	7.21	1782.98	42791.6	3
3	31.29	27.85	36.02	29.99	4.24	1577.59	37862.1	3
4	28.70	26.64	32.48	26.99	3.28	1447.33	34735.9	3
5	27.55	26.16	29.49	27.01	1.73	1389.34	33344.2	3
6	26.09	23.56	28.53	26.17	2.49	1315.39	31569.3	3
7	24.35	22.34	26.16	24.54	1.92	1227.65	29463.6	3
8	22.91	19.02	27.07	22.64	4.03	1155.21	27785.0	3
9	21.23	17.68	24.45	21.57	3.40	1070.66	25695.9	3
10	20.13	15.83	23.57	21.59	4.36	1015.03	24360.7	3
11	18.75	14.13	21.20	20.91	4.00	945.28	22686.6	3
12	18.21	13.08	21.99	19.61	4.60	918.38	22041.2	3
13	17.68	12.59	21.32	19.73	4.65	901.58	21637.8	3
14	16.66	11.65	20.31	18.02	4.49	840.06	20161.4	3
15	15.87	10.49	20.33	16.78	4.98	800.06	19201.3	3
16	16.08	9.94	21.04	17.25	5.64	810.65	19459.5	3
17	15.50	9.36	20.38	16.75	5.62	781.40	18753.6	3
18	14.87	9.05	19.75	15.82	5.41	749.97	17999.2	3
19	14.46	8.62	19.78	14.97	5.60	728.96	17495.0	3
20	13.96	9.36	18.59	13.96	4.60	703.75	16889.9	3
21	13.58	9.17	17.97	13.61	4.40	684.92	16438.1	3
22	12.63	8.44	16.84	12.61	4.20	636.85	15284.4	3
23	12.16	7.61	15.80	13.08	4.17	613.32	14719.7	3
24	10.75	6.85	14.82	10.57	3.99	541.89	13005.3	3
25	10.43	6.57	14.36	10.35	3.90	525.75	12618.0	3
26	9.56	6.02	13.48	9.17	3.75	481.88	11565.2	3
27	9.23	6.02	13.06	8.62	3.56	465.58	11173.9	3
28	9.05	5.76	13.09	8.29	3.72	456.17	10948.0	3
29	8.74	6.29	12.29	7.63	3.18	440.54	10578.6	3
30	8.54	6.29	11.85	7.77	2.71	430.45	10330.6	3
31	7.87	5.77	10.84	7.01	2.64	397.00	9526.1	3

KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & R=GHE/11.8

MONTH=AUGUST

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION (OF MEAN)	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	7.31	5.28	10.20	6.44	2.57	368.489	8842.30	3
2	6.96	4.03	9.90	6.16	2.63	351.117	8426.81	3
3	6.97	4.41	9.93	6.56	2.78	351.285	8430.84	3
4	6.64	4.12	9.65	6.16	2.80	334.981	8039.55	3
5	6.36	3.76	9.68	5.65	3.02	320.863	7700.71	3
6	5.95	3.33	9.11	5.40	2.93	299.853	7196.47	3
7	5.78	3.18	8.87	5.28	2.88	291.281	6990.74	3
8	5.59	3.03	8.89	4.85	3.00	281.868	6764.84	3
9	5.45	2.82	8.39	5.14	2.80	274.809	6595.42	3
10	5.34	2.69	8.41	5.52	2.86	279.347	6704.34	3
11	5.29	2.49	8.20	5.18	2.86	266.741	6401.79	3
12	5.10	2.49	7.98	4.83	2.78	257.161	6171.86	3
13	5.03	2.35	7.78	5.05	2.77	253.463	6083.18	3
14	4.68	2.14	7.58	4.32	2.74	235.983	5863.59	3
15	4.45	1.93	7.39	4.03	2.75	224.385	5385.25	3
16	4.36	1.83	7.41	3.85	2.83	220.015	5280.37	3
17	4.33	1.74	7.24	4.02	2.76	218.503	5244.06	3
18	4.34	1.74	7.06	4.21	2.66	218.671	5248.10	3
19	4.24	2.14	6.72	3.85	2.31	213.628	5127.08	3
20	4.28	2.23	6.57	4.02	2.17	215.813	5179.52	3
21	4.10	2.03	6.69	3.59	2.37	206.905	4965.73	3
22	3.94	2.03	6.45	3.34	2.27	198.669	4768.07	3
23	3.97	1.93	6.31	3.67	2.21	200.182	4804.37	3
24	3.95	1.93	6.67	3.26	2.44	199.342	4784.20	3
25	3.96	1.83	6.87	3.18	2.61	199.678	4792.87	3
26	3.86	1.74	6.72	3.18	2.56	195.644	4698.45	3
27	3.84	1.56	6.92	3.03	2.77	193.459	4643.01	3
28	4.10	1.56	7.42	3.33	3.01	206.905	4965.73	3
29	4.16	1.48	7.34	3.67	2.96	209.931	5038.34	3
30	4.14	1.75	7.17	3.50	2.77	208.754	5010.10	3
31	4.41	1.93	7.60	3.80	3.04	222.369	5336.84	3

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 KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/69 TO 09/20/88.  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & R=QHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 9

\*\*\*\*\* MONTH: SEPTEMBER \*\*\*\*\*

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	4.57	1.74	8.48	3.80	3.50	230.604	5834.91	3
2	4.50	1.65	8.51	3.83	3.58	226.739	5441.73	3
3	4.45	1.65	8.53	3.88	3.61	224.594	5389.29	3
4	4.49	2.10	8.33	3.03	3.36	226.234	5429.62	3
5	4.51	2.14	8.35	3.03	3.36	227.243	5453.83	3
6	4.33	2.03	7.94	3.03	3.16	218.503	5244.06	3
7	4.15	2.14	7.86	2.76	2.97	209.426	5026.23	3
8	4.10	2.14	7.89	2.56	3.03	206.569	4957.66	3
9	4.24	2.62	7.84	2.85	2.60	213.628	5127.08	3
10	5.09	2.49	7.10	5.67	2.36	256.489	6155.73	3
11	6.18	2.49	9.21	6.85	3.41	311.787	7482.88	3
12	6.16	2.14	9.77	6.56	3.83	310.442	7450.61	3
13	6.42	2.14	11.11	6.02	4.50	323.888	7773.32	3
14	6.07	2.25	10.68	5.28	4.27	306.072	7349.72	3
15	5.97	1.93	10.70	5.28	4.43	301.029	7284.71	3
16	5.63	1.93	10.14	4.83	4.16	284.054	6817.28	3
17	5.97	1.83	9.89	6.19	4.03	301.029	7284.71	3
18	6.63	1.83	9.92	8.13	4.25	334.141	8019.39	3
19	7.63	1.83	11.65	9.41	5.15	384.733	9233.89	3
20	6.95	1.74	14.13	5.96	5.91	350.445	8410.67	4
21	5.93	1.93	13.60	8.28	6.65	298.844	7178.27	3
22	5.43	2.03	12.11	8.14	5.79	273.633	6567.18	3
23	5.17	2.56	10.34	8.62	4.47	260.859	6260.61	3
24	4.82	2.31	9.54	8.62	4.09	243.210	5837.05	3
25	4.41	2.03	8.44	8.75	3.51	228.200	5332.81	3
26	4.74	2.03	9.57	8.62	4.19	239.008	5736.20	3
27	5.39	2.03	11.65	8.49	5.43	371.784	6522.81	3
28	5.50	2.03	12.11	8.37	5.72	377.498	6659.96	3
29	6.15	1.93	14.15	8.37	6.93	310.106	7442.54	3
30	7.48	1.93	17.68	8.83	8.84	377.169	9052.06	3

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 /10

\*\*\*\*\* MONTH=OCTOBER \*\*\*\*\*

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CPS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION (OF MEAN)	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	21.64	2.09	59.66	3.18	32.93	1091.34	26192.1	3
2	43.53	2.25	124.7	3.59	70.34	2194.78	52674.6	32
3	35.22	2.49	99.84	3.33	55.96	1775.92	42622.1	35
4	19.44	2.49	51.09	4.75	27.43	980.40	23529.7	35
5	18.89	2.75	48.86	5.05	25.98	952.34	22856.1	35
6	17.08	3.04	43.14	5.05	22.59	861.07	20665.6	35
7	13.18	2.69	31.82	4.83	16.17	664.58	15950.0	35
8	11.27	3.26	26.15	4.41	12.90	568.44	13642.6	35
9	9.61	3.03	21.18	4.61	10.05	484.40	11625.7	35
10	8.44	3.03	17.68	4.61	8.04	425.58	10215.8	35
11	7.91	2.89	16.42	4.41	7.41	398.68	9568.4	35
12	7.10	3.03	13.87	4.41	5.90	358.18	8596.8	35
13	6.74	3.43	12.59	4.21	5.08	340.02	8160.6	35
14	6.71	4.41	11.20	4.51	3.09	338.17	8116.2	35
15	6.40	4.02	10.76	4.41	3.78	322.54	7741.0	35
16	6.07	4.02	9.36	4.83	2.88	306.07	7345.7	35
17	5.82	4.02	8.62	4.83	2.46	293.63	7047.2	35
18	5.72	4.21	8.11	4.83	2.10	288.26	6918.1	35
19	5.86	4.02	8.87	5.28	2.18	295.31	7087.6	35
20	6.08	3.67	8.80	5.76	2.58	306.41	7353.8	35
21	6.37	3.50	8.44	7.17	2.57	321.20	7708.8	35
22	6.37	3.50	12.82	8.80	4.67	422.21	10133.1	35
23	13.50	3.18	28.14	9.17	13.03	680.55	16333.2	35
24	15.63	3.03	32.63	11.23	15.28	788.12	18914.9	35
25	13.87	3.03	26.47	12.11	11.82	699.38	16785.0	35
26	12.23	3.03	21.56	12.11	9.27	616.85	14804.4	35
27	11.30	2.89	16.87	14.15	7.41	569.96	13678.9	35
28	10.84	2.75	16.43	13.34	7.17	546.59	13118.2	35
29	9.89	3.03	15.53	10.98	6.33	496.51	11916.1	35
30	8.65	3.18	13.60	9.17	5.23	436.17	10468.0	35
31	7.57	2.89	11.88	7.94	4.51	361.71	9161.0	35

KLUKWAN DATA REPORT-WALKER LAKE OUTLET

PERIOD OF RECORD - 09/20/85 TO 09/20/86.

MEAN DAILY DISCHARGE SUMMARY

H=700FT, E=85%, Q=FLOW &amp; P=QHE/11.8

\*\*\*\*\* MONTH: NOVEMBER \*\*\*\*\*

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWB)	ENERGY (KW-HRS) (84HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	7.04	2.76	10.92	7.45	4.10	354.983	8519.89	3
2	7.70	2.62	13.34	7.15	5.38	388.431	9322.33	3
3	7.11	2.75	11.43	7.15	4.34	358.513	8604.30	3
4	6.38	2.73	9.54	6.85	3.42	321.703	7720.88	3
5	6.95	2.49	8.80	6.56	3.20	300.021	7200.50	3
6	6.24	2.37	10.34	6.02	3.99	314.812	7555.49	3
7	5.37	2.14	8.60	5.17	3.33	270.775	6498.61	3
8	4.88	1.93	8.11	4.61	3.10	246.236	5909.66	3
9	5.07	1.83	9.17	4.81	3.74	255.648	6135.86	3
10	5.23	1.74	9.94	4.02	4.23	263.884	6333.82	3
11	5.54	1.74	11.22	3.67	5.01	279.915	6708.37	3
12	6.65	1.83	14.45	3.67	6.82	339.318	8047.62	3
13	7.99	2.79	17.68	3.50	8.40	402.885	9669.25	3
14	7.59	3.33	16.12	3.33	7.38	382.684	9189.22	3
15	6.88	2.89	14.40	3.18	6.56	344.058	8257.39	3
16	5.95	2.62	12.39	2.89	5.54	300.189	7204.54	3
17	5.71	2.49	11.88	2.75	5.35	287.751	6906.03	3
18	5.36	2.25	11.20	2.62	5.06	270.103	6482.47	3
19	5.24	2.03	11.20	2.49	5.17	264.220	6341.48	3
20	5.02	1.93	10.76	2.37	4.98	253.187	6075.05	3
21	4.67	1.83	9.94	2.25	4.57	235.647	5655.52	3
22	4.30	1.74	8.60	2.37	3.91	216.990	5207.76	3
23	4.27	1.74	8.44	2.68	3.64	215.141	5163.39	3
24	4.54	1.65	9.36	2.62	4.80	229.092	5498.20	3
25	4.23	1.56	8.10	3.03	3.43	213.298	5119.01	3
26	4.16	1.48	8.10	2.89	3.49	209.595	5030.27	3
27	3.97	1.56	7.46	2.89	3.09	200.182	4804.37	3
28	3.11	1.56	10.48	3.28	4.73	257.497	6179.93	3
29	6.55	1.40	14.40	3.64	6.91	330.107	7982.57	3
30	6.97	1.40	15.83	3.67	7.76	351.285	8430.84	3

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 MEAN DAILY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & R=QHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 12

MONTH DECEMBER

DAY	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (24HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	6.54	1.33	14.97	3.33	7.37	329,939	7918.54	3
2	6.21	1.33	14.13	3.18	6.98	313,299	7519.18	3
3	5.77	1.33	13.10	2.89	6.39	291,113	6986.71	3
4	5.25	1.69	11.43	2.62	5.38	264,556	6349.35	3
5	5.30	2.49	10.88	2.87	4.58	267,414	6417.93	3
6	5.34	2.89	9.94	3.18	3.99	269,094	6458.27	3
7	5.02	2.69	9.54	2.82	3.92	252,959	6071.01	3
8	4.88	2.49	9.54	2.62	4.03	246,236	5909.66	3
9	4.90	2.14	9.94	2.62	4.37	247,076	5929.83	3
10	4.36	2.03	8.44	2.62	3.94	220,015	5280.37	3
11	3.83	1.83	7.30	2.37	3.01	193,291	4638.98	3
12	3.81	1.74	7.48	2.85	3.16	192,282	4614.78	3
13	4.16	1.65	8.57	2.85	3.83	209,595	5030.87	3
14	3.52	1.56	6.88	2.14	2.90	177,323	4255.76	3
15	3.09	1.48	5.64	2.14	2.24	155,641	3735.39	3
16	3.01	1.56	5.08	2.43	1.82	151,943	3646.64	3
17	3.23	1.56	5.82	2.62	2.05	163,037	3912.88	3
18	2.98	1.74	4.83	2.37	1.63	150,263	3606.30	3
19	3.00	2.03	4.61	2.37	1.40	151,439	3634.54	3
20	3.43	2.37	4.83	3.09	1.26	172,953	4150.88	3
21	3.40	2.49	4.21	3.50	0.86	171,441	4114.57	3
22	3.42	2.37	4.21	3.67	0.98	172,281	4134.74	3
23	3.39	2.14	4.41	3.50	1.14	168,919	4054.07	3
24	3.78	2.14	5.17	4.02	1.53	190,434	4570.40	3
25	4.16	2.50	5.76	4.21	1.63	209,595	5030.27	3
26	4.49	2.96	6.29	4.21	1.68	226,234	5429.62	3
27	4.48	3.03	6.56	3.84	1.85	225,730	5417.52	3
28	4.49	3.33	6.56	3.59	1.79	226,570	5437.69	3
29	4.70	3.03	6.56	4.52	1.77	237,159	5691.83	3
30	4.67	2.89	6.89	4.83	1.71	235,479	5651.49	3
31	4.53	2.62	6.56	4.41	1.97	228,419	5482.06	3

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/86.  
 MEAN MONTHLY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & R=GHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 13

MONTH	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (730.56HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
JANUARY	3.52	1.74	8.01	2.75	1.62	177.45	129640	93
FEBRUARY	2.66	1.33	7.46	2.43	1.06	134.03	97919	85
MARCH	2.70	1.26	8.44	1.83	1.71	136.12	99442	93
APRIL	4.27	1.33	28.60	3.03	4.30	215.52	157448	90
MAY	39.27	3.76	138.9	35.43	23.53	1979.99	1446499	93
JUNE	51.81	28.53	110.5	47.36	17.58	2612.32	1908459	90
JULY	17.72	5.76	46.92	16.78	8.77	893.63	652848	93
AUGUST	4.94	1.48	10.20	4.41	2.46	249.03	181934	93
SEPTEMBR	5.45	1.65	17.68	3.03	3.93	274.90	200833	91
OCTOBER	12.29	2.09	124.7	4.83	18.65	619.53	452603	93
NOVEMBER	5.72	1.40	17.68	3.41	4.29	288.46	210739	90
DECEMBER	4.29	1.33	14.97	3.09	2.96	216.51	158172	93

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88  
 MEAN QUARTERLY DISCHARGE SUMMARY  
 H=700FT, E=85%, Q=FLOW & REGHE/11.8

18136 SATURDAY, FEBRUARY 24, 1990 14

QUARTER	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KW-HRS) (2191.5HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
FIRST QUARTER	2.97	1.26	8.44	2.43	1.55	149.63	327955	871
SECOND QUARTER	31.87	1.33	138.9	31.51	26.39	1606.76	3521205	873
THIRD QUARTER	9.40	1.48	46.92	7.06	8.24	473.95	1038657	877
FOURTH QUARTER	7.45	1.33	124.7	4.02	11.73	375.77	823504	876

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
OVERALL MEAN DISCHARGE  
 $H=700FT, E=85\%, Q=FLOW \& P=QHE/11.8$

18436 SATURDAY, FEBRUARY 24, 1990 15

YR88	MEAN FLOW (CFS.)	MINIMUM FLOW (CFS.)	MAXIMUM FLOW (CFS.)	MEDIAN FLOW (CFS.)	STANDARD DEVIATION OF MEAN	POWER (KWS)	ENERGY (KWH HOURS) (8766HRS X POWER)	NUMBER OF STAGE OBSERVATIONS
1	12.91	1.26	138.9	4.61	18.70	651.044	5707055	1097

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 16

MONTH: JANUARY

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN 1.86	MAX 136.85
JANUARY	1	4.26	5.89	2.49	+++	
JANUARY	2	4.83	5.28	2.37	0>	
JANUARY	3	5.74	5.52	2.37	0>	
JANUARY	4	5.47	5.26	2.25	0>	
JANUARY	5	5.47	5.52	2.14	+++	
JANUARY	6	5.35	5.41	2.03	+++	
JANUARY	7	5.76	6.29	2.03	+++	
JANUARY	8	5.70	6.64	2.03	+++	
JANUARY	9	4.15	6.02	1.93	+++	
JANUARY	10	4.10	6.76	1.93	+++	
JANUARY	11	5.67	6.28	1.79	+++	
JANUARY	12	5.92	6.43	1.83	+++	
JANUARY	13	4.39	8.01	2.14	+++	
JANUARY	14	4.26	7.77	2.25	+++	
JANUARY	15	5.97	7.15	2.14	+++	
JANUARY	16	5.76	6.89	2.25	0>	
JANUARY	17	5.39	6.28	2.14	+++	
JANUARY	18	5.34	6.52	1.88	+++	
JANUARY	19	5.27	6.83	2.08	+++	
JANUARY	20	5.95	6.21	2.03	+++	
JANUARY	21	5.98	6.21	2.03	0>	
JANUARY	22	5.38	6.72	2.37	0>	
JANUARY	23	5.24	6.21	2.69	0>	
JANUARY	24	5.03	6.84	2.62	0	
JANUARY	25	5.38	6.23	2.43	0>	
JANUARY	26	5.77	6.65	2.10	+++	
JANUARY	27	5.42	6.02	1.98	+++	
JANUARY	28	5.92	6.94	1.79	+++	
JANUARY	29	5.79	6.61	1.74	+++	
JANUARY	30	5.73	6.41	1.74	+++	
JANUARY	31	5.70	6.21	1.74	+++	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAN DATA REPORT-WALKER LAKE OUTLET.  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

16:36 SATURDAY, FEBRUARY 24, 1990 17

MONTH-FEBRUARY

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
FEBRUARY	1	2.76	4.61	1.52	1.26	136.85
FEBRUARY	2	3.08	5.52	1.48	+++	
FEBRUARY	3	2.79	4.63	1.40	+++	
FEBRUARY	4	2.72	4.41	1.33	+++	
FEBRUARY	5	2.79	3.84	1.63	+++	
FEBRUARY	6	2.89	3.67	1.83	+++	
FEBRUARY	7	2.72	3.67	1.61	+++	
FEBRUARY	8	2.66	3.67	1.56	+++	
FEBRUARY	9	2.50	3.53	1.56	+++	
FEBRUARY	10	2.39	3.53	1.48	+++	
FEBRUARY	11	2.27	3.18	1.48	+++	
FEBRUARY	12	2.32	3.18	1.40	+++	
FEBRUARY	13	2.29	3.18	1.38	+++	
FEBRUARY	14	2.27	3.03	1.38	+++	
FEBRUARY	15	2.23	3.03	1.48	+++	
FEBRUARY	16	2.27	3.03	1.56	+++	
FEBRUARY	17	2.28	3.03	1.68	+++	
FEBRUARY	18	2.18	3.03	1.68	+++	
FEBRUARY	19	2.60	3.03	1.34	+++	
FEBRUARY	20	2.20	3.62	1.75	+++	
FEBRUARY	21	2.24	3.81	1.62	+++	
FEBRUARY	22	2.60	4.42	1.37	+++	
FEBRUARY	23	2.45	3.71	1.14	+++	
FEBRUARY	24	2.38	3.62	1.03	+++	
FEBRUARY	25	2.53	3.62	1.14	+++	
FEBRUARY	26	2.05	3.51	1.03	+++	
FEBRUARY	27	2.18	5.29	1.93	+++	
FEBRUARY	28	3.65	7.46	1.83	+++	
FEBRUARY	29	1.98	1.98	1.98	0	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18:36 SATURDAY, FEBRUARY 24, 1990 18

MONTH=MARCH

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
MARCH	1	3.61	7.15	1.74	1.26	136.85
MARCH	2	3.98	8.11	1.74	+	
MARCH	3	4.05	8.44	1.74	+	
MARCH	4	3.71	7.61	1.74	+	
MARCH	5	3.41	6.56	1.74	+	
MARCH	6	3.12	6.02	1.60	+	
MARCH	7	2.95	5.26	1.65	+	
MARCH	8	2.90	5.28	1.48	+	
MARCH	9	2.86	5.28	1.48	+	
MARCH	10	2.80	5.28	1.48	+	
MARCH	11	2.70	4.61	1.40	+	
MARCH	12	2.68	4.61	1.40	+	
MARCH	13	2.68	4.41	1.40	+	
MARCH	14	2.33	4.02	1.33	+	
MARCH	15	2.24	3.84	1.33	+	
MARCH	16	2.21	3.67	1.40	+	
MARCH	17	2.15	3.50	1.40	+	
MARCH	18	2.16	3.50	1.33	+	
MARCH	19	2.44	3.50	1.33	+	
MARCH	20	2.62	4.49	1.26	+	
MARCH	21	2.79	5.05	1.33	+	
MARCH	22	2.55	4.61	1.26	+	
MARCH	23	2.39	4.02	1.40	+	
MARCH	24	2.30	3.84	1.40	+	
MARCH	25	2.18	3.50	1.48	+	
MARCH	26	2.21	3.67	1.48	+	
MARCH	27	2.16	3.67	1.40	+	
MARCH	28	2.29	3.84	1.48	+	
MARCH	29	2.33	3.67	1.40	+	
MARCH	30	2.50	3.67	1.40	+	
MARCH	31	2.48	3.50	1.48	+	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/86.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 19

MONTH=APRIL

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
APRIL	1	2.30	3.18	1.48	1.26	136.85
APRIL	2	2.22	3.03	1.48	1.26	
APRIL	3	2.35	3.50	1.40	1.26	
APRIL	4	2.29	3.33	1.40	1.26	
APRIL	5	2.44	3.67	1.40	1.26	
APRIL	6	2.35	3.33	1.48	1.26	
APRIL	7	2.48	3.85	1.33	1.26	
APRIL	8	2.50	3.84	1.40	1.26	
APRIL	9	2.48	3.50	1.56	1.26	
APRIL	10	2.61	3.18	1.83	1.26	
APRIL	11	2.58	3.03	1.83	1.26	
APRIL	12	2.55	3.03	1.74	1.26	
APRIL	13	2.69	3.59	1.74	1.26	
APRIL	14	2.06	2.92	1.65	1.26	
APRIL	15	2.53	3.29	1.74	1.26	
APRIL	16	2.54	3.29	1.83	1.26	
APRIL	17	2.43	3.76	2.03	1.26	
APRIL	18	2.42	3.52	2.37	1.26	
APRIL	19	2.74	3.76	2.69	1.26	
APRIL	20	4.23	6.02	3.18	1.26	
APRIL	21	4.20	5.76	3.34	1.26	
APRIL	22	4.32	5.76	3.18	1.26	
APRIL	23	4.51	6.02	3.89	1.26	
APRIL	24	4.68	5.76	3.89	1.26	
APRIL	25	4.98	6.43	3.75	1.26	
APRIL	26	6.91	11.68	3.75	1.26	
APRIL	27	7.92	14.72	3.75	1.26	
APRIL	28	9.81	20.26	3.89	1.26	
APRIL	29	10.90	22.83	3.03	1.26	
APRIL	30	13.18	28.60	3.33	1.26	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18:36 SATURDAY, FEBRUARY 24, 1990 20

MONTH=MAY

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
MAY	1	14.16	30.11	3.76	1.26	138.85
MAY	2	14.43	27.69	4.62	1.26	138.85
MAY	3	14.67	25.00	5.65	1.26	138.85
MAY	4	15.44	22.54	7.01	1.26	138.85
MAY	5	16.11	22.97	8.99	1.26	138.85
MAY	6	20.09	27.13	9.32	1.26	138.85
MAY	7	22.91	31.54	11.65	1.26	138.85
MAY	8	25.63	33.16	14.40	1.26	138.85
MAY	9	29.16	37.58	16.73	1.26	138.85
MAY	10	32.73	49.34	18.33	1.26	138.85
MAY	11	36.01	61.01	19.01	1.26	138.85
MAY	12	40.09	74.57	17.68	1.26	138.85
MAY	13	60.14	132.74	17.68	1.26	138.85
MAY	14	63.27	138.85	18.33	1.26	138.85
MAY	15	49.34	94.02	19.72	1.26	138.85
MAY	16	41.32	65.21	22.74	1.26	138.85
MAY	17	38.69	58.84	25.70	1.26	138.85
MAY	18	37.53	46.43	27.07	1.26	138.85
MAY	19	35.47	43.65	26.15	1.26	138.85
MAY	20	36.67	45.07	29.51	1.26	138.85
MAY	21	38.75	45.83	33.18	1.26	138.85
MAY	22	42.11	51.07	34.66	1.26	138.85
MAY	23	43.82	54.38	36.02	1.26	138.85
MAY	24	45.38	59.54	34.30	1.26	138.85
MAY	25	46.02	57.78	41.28	1.26	138.85
MAY	26	50.39	52.79	46.38	1.26	138.85
MAY	27	55.59	63.45	48.86	1.26	138.85
MAY	28	58.07	68.40	49.68	1.26	138.85
MAY	29	60.80	68.37	53.71	1.26	138.85
MAY	30	63.75	68.40	58.40	1.26	138.85
MAY	31	64.77	71.49	61.31	1.26	138.85

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWA DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 21

MONTH=JUNE

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN 1.26	MAX 138.85
JUNE	1	57.48	66.38	52.41		
JUNE	2	51.97	56.19	49.79		
JUNE	3	47.74	50.42	45.97		
JUNE	4	47.22	49.84	44.04		
JUNE	5	52.68	60.61	41.69		
JUNE	6	65.36	83.38	40.44		
JUNE	7	83.16	104.41	44.45		
JUNE	8	82.07	110.46	44.45		
JUNE	9	73.00	87.47	47.35		
JUNE	10	63.45	75.86	47.35		
JUNE	11	54.97	67.81	47.35		
JUNE	12	50.54	60.90	44.83		
JUNE	13	47.99	58.25	41.28		
JUNE	14	51.64	60.05	40.37		
JUNE	15	60.73	79.94	38.50		
JUNE	16	61.14	87.81	34.30		
JUNE	17	55.66	73.71	36.62		
JUNE	18	51.88	65.05	40.39		
JUNE	19	50.46	62.52	44.42		
JUNE	20	48.30	57.07	40.47		
JUNE	21	49.77	55.96	40.49		
JUNE	22	49.19	57.05	39.25		
JUNE	23	43.59	46.92	39.28		
JUNE	24	38.67	43.08	36.33		
JUNE	25	34.82	40.39	31.54		
JUNE	26	34.12	39.84	31.02		
JUNE	27	34.82	45.88	28.93		
JUNE	28	36.57	52.07	28.64		
JUNE	29	37.70	52.11	29.61		
JUNE	30	37.55	49.64	28.70		

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 22

MONTH=JULY

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN 1.26	MAX 138.85
JULY	1	37.02	46.92	28.72		
JULY	2	35.36	43.05	28.75		
JULY	3	31.89	36.02	27.85		
JULY	4	28.70	32.48	26.64		
JULY	5	27.55	29.49	26.16		
JULY	6	26.09	28.53	23.56		
JULY	7	24.35	26.16	22.34		
JULY	8	22.91	27.407	19.02		
JULY	9	21.23	24.45	17.68		
JULY	10	20.18	23.57	15.83		
JULY	11	18.75	21.20	14.13		
JULY	12	18.21	21.95	13.08		
JULY	13	17.88	21.32	12.59		
JULY	14	16.66	20.31	11.65		
JULY	15	15.87	20.33	10.49		
JULY	16	16.08	21.04	9.94		
JULY	17	15.50	20.38	9.36		
JULY	18	14.87	19.75	9.05		
JULY	19	14.46	19.78	8.62		
JULY	20	13.96	18.55	9.36		
JULY	21	13.58	17.97	9.17		
JULY	22	12.63	16.84	8.44		
JULY	23	12.16	15.80	7.61		
JULY	24	10.75	14.82	6.85		
JULY	25	10.43	14.36	6.57		
JULY	26	9.56	13.48	6.02		
JULY	27	9.23	13.06	6.02		
JULY	28	9.05	13.09	5.76		
JULY	29	8.74	12.29	6.29		
JULY	30	8.54	11.55	6.29		
JULY	31	7.87	10.84	5.77		

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 23

MONTH AUGUST

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN 1.26	MAX 136.85
AUGUST	1	7.31	10.20	5.28	<+>	
AUGUST	2	6.96	9.90	4.83	<+>	
AUGUST	3	6.97	9.93	4.41	<+>	
AUGUST	4	6.64	9.65	4.12	<+>	
AUGUST	5	6.36	9.68	3.76	<+>	
AUGUST	6	5.95	9.11	3.35	<+>	
AUGUST	7	5.78	8.87	3.18	<+>	
AUGUST	8	5.59	8.89	3.03	<+>	
AUGUST	9	5.45	8.39	2.82	<+>	
AUGUST	10	5.54	8.41	2.69	<+>	
AUGUST	11	5.29	8.20	2.49	<+>	
AUGUST	12	5.10	7.98	2.49	<+>	
AUGUST	13	5.03	7.78	2.25	<+>	
AUGUST	14	4.68	7.58	2.14	<+>	
AUGUST	15	4.45	7.39	1.93	<+>	
AUGUST	16	4.36	7.41	1.83	<+>	
AUGUST	17	4.33	7.24	1.74	<+>	
AUGUST	18	4.34	7.06	1.74	<+>	
AUGUST	19	4.24	6.72	2.14	<+>	
AUGUST	20	4.28	6.57	2.25	<+>	
AUGUST	21	4.10	6.69	2.08	<+>	
AUGUST	22	3.94	6.45	2.02	<+>	
AUGUST	23	3.97	6.31	1.93	<+>	
AUGUST	24	3.95	6.67	1.93	<+>	
AUGUST	25	3.96	6.87	1.83	<+>	
AUGUST	26	3.88	6.72	1.74	<+>	
AUGUST	27	3.84	6.92	1.56	<+>	
AUGUST	28	4.10	7.42	1.56	<+>	
AUGUST	29	4.16	7.34	1.48	<+>	
AUGUST	30	4.14	7.17	1.75	<+>	
AUGUST	31	4.41	7.80	1.93	<+>	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/65 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18:36 SATURDAY, FEBRUARY 24, 1990 24

MONTH=SEPTEMBER

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
SEPTEMBER	1	4.57	8.48	1.74	1.26	138.89
SEPTEMBER	2	4.50	8.51	1.65	1.26	
SEPTEMBER	3	4.45	8.53	1.65	1.26	
SEPTEMBER	4	4.49	8.33	2.10	1.26	
SEPTEMBER	5	4.51	8.35	2.14	1.26	
SEPTEMBER	6	4.33	7.94	2.05	1.26	
SEPTEMBER	7	4.15	7.56	2.14	1.26	
SEPTEMBER	8	4.10	7.59	2.14	1.26	
SEPTEMBER	9	4.24	7.24	2.62	1.26	
SEPTEMBER	10	5.09	7.10	2.49	1.26	
SEPTEMBER	11	6.18	9.21	2.49	1.26	
SEPTEMBER	12	6.16	9.77	2.14	1.26	
SEPTEMBER	13	6.42	11.11	2.14	1.26	
SEPTEMBER	14	6.07	10.68	2.85	1.26	
SEPTEMBER	15	5.97	10.70	1.93	1.26	
SEPTEMBER	16	5.63	10.14	1.93	1.26	
SEPTEMBER	17	5.97	9.89	1.83	1.26	
SEPTEMBER	18	6.63	9.92	1.83	1.26	
SEPTEMBER	19	7.63	11.65	1.83	1.26	
SEPTEMBER	20	6.98	14.13	1.74	1.26	
SEPTEMBER	21	5.93	13.60	1.93	1.26	
SEPTEMBER	22	5.43	12.11	2.03	1.26	
SEPTEMBER	23	5.17	10.34	2.56	1.26	
SEPTEMBER	24	4.82	9.54	2.31	1.26	
SEPTEMBER	25	4.41	8.44	2.03	1.26	
SEPTEMBER	26	4.74	9.57	2.03	1.26	
SEPTEMBER	27	5.39	11.65	2.03	1.26	
SEPTEMBER	28	5.50	12.11	2.03	1.26	
SEPTEMBER	29	6.15	14.15	1.93	1.26	
SEPTEMBER	30	7.48	17.68	1.93	1.26	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18136 SATURDAY, FEBRUARY 24, 1990 25

MONTH=OCTOBER

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
OCTOBER	1	21.64	59.66	2.09	1.86	136.05
OCTOBER	2	43.93	124.74	2.28	1.86	136.05
OCTOBER	3	35.22	99.84	2.49	1.86	136.05
OCTOBER	4	19.44	51.09	2.49	1.86	136.05
OCTOBER	5	18.89	48.86	2.75	1.86	136.05
OCTOBER	6	17.08	43.14	3.04	1.86	136.05
OCTOBER	7	13.18	31.82	2.89	1.86	136.05
OCTOBER	8	11.27	26.15	2.26	1.86	136.05
OCTOBER	9	9.61	21.18	2.03	1.86	136.05
OCTOBER	10	8.44	17.68	2.03	1.86	136.05
OCTOBER	11	7.91	16.42	2.89	1.86	136.05
OCTOBER	12	7.10	13.87	2.03	1.86	136.05
OCTOBER	13	6.74	12.59	3.43	1.86	136.05
OCTOBER	14	6.71	11.20	4.41	1.86	136.05
OCTOBER	15	6.40	10.76	4.02	1.86	136.05
OCTOBER	16	6.07	9.36	4.02	1.86	136.05
OCTOBER	17	5.82	8.62	4.02	1.86	136.05
OCTOBER	18	5.72	8.11	4.21	1.86	136.05
OCTOBER	19	5.86	8.27	4.02	1.86	136.05
OCTOBER	20	6.08	8.80	3.67	1.86	136.05
OCTOBER	21	6.37	8.44	3.50	1.86	136.05
OCTOBER	22	6.37	12.62	3.50	1.86	136.05
OCTOBER	23	13.50	26.14	3.18	1.86	136.05
OCTOBER	24	15.63	32.63	3.03	1.86	136.05
OCTOBER	25	13.67	26.47	3.03	1.86	136.05
OCTOBER	26	12.23	21.56	3.03	1.86	136.05
OCTOBER	27	11.30	16.87	2.89	1.86	136.05
OCTOBER	28	10.84	16.43	2.75	1.86	136.05
OCTOBER	29	9.85	15.93	2.03	1.86	136.05
OCTOBER	30	8.65	13.60	3.18	1.86	136.05
OCTOBER	31	7.57	11.88	2.89	1.86	136.05

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAQ DATA REPORT-WALKER LAKE OUTLET.  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18:36 SATURDAY, FEBRUARY 24, 1990 #6

MONTH=NOVEMBER

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
NOVEMBER	1	7.04	10.92	2.75	1.86	136.03
NOVEMBER	2	7.70	13.34	2.62	2.62	
NOVEMBER	3	7.11	11.43	2.75	2.75	
NOVEMBER	4	6.38	9.54	2.75	2.75	
NOVEMBER	5	5.95	8.80	2.49	2.49	
NOVEMBER	6	6.24	10.34	2.37	2.37	
NOVEMBER	7	5.37	6.80	2.14	2.14	
NOVEMBER	8	4.88	8.11	1.93	1.93	
NOVEMBER	9	5.07	9.17	1.83	1.83	
NOVEMBER	10	5.23	9.94	1.74	1.74	
NOVEMBER	11	5.54	11.82	1.74	1.74	
NOVEMBER	12	6.65	14.45	1.83	1.83	
NOVEMBER	13	7.99	17.68	2.79	2.79	
NOVEMBER	14	7.59	16.12	2.33	2.33	
NOVEMBER	15	6.82	14.40	2.89	2.89	
NOVEMBER	16	5.95	12.35	2.62	2.62	
NOVEMBER	17	5.71	11.88	2.49	2.49	
NOVEMBER	18	5.36	11.20	2.25	2.25	
NOVEMBER	19	5.24	11.20	2.03	2.03	
NOVEMBER	20	5.02	10.76	1.93	1.93	
NOVEMBER	21	4.67	9.94	1.83	1.83	
NOVEMBER	22	4.30	8.80	1.74	1.74	
NOVEMBER	23	4.87	8.44	1.74	1.74	
NOVEMBER	24	4.54	9.36	1.65	1.65	
NOVEMBER	25	4.23	8.10	1.56	1.56	
NOVEMBER	26	4.16	8.10	1.48	1.48	
NOVEMBER	27	3.97	7.46	1.56	1.56	
NOVEMBER	28	5.11	10.48	1.56	1.56	
NOVEMBER	29	6.55	14.40	1.40	1.40	
NOVEMBER	30	6.97	15.83	1.40	1.40	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 TIMEPLOT OF DAILY MEANS

18:36 SATURDAY, FEBRUARY 24, 1990 27

MONTH=DECEMBER

MONTH	DAY	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
DECEMBER	1	6.54	14.97	1.33	1.26	136.85
DECEMBER	2	6.21	14.13	1.33	1.26	
DECEMBER	3	5.77	13.10	1.33	1.26	
DECEMBER	4	5.25	11.43	1.69	1.26	
DECEMBER	5	5.30	10.55	2.49	1.26	
DECEMBER	6	5.34	9.94	2.89	1.26	
DECEMBER	7	5.02	9.54	2.69	1.26	
DECEMBER	8	4.68	9.54	2.49	1.26	
DECEMBER	9	4.90	9.94	2.14	1.26	
DECEMBER	10	4.36	8.44	2.03	1.26	
DECEMBER	11	3.83	7.30	1.83	1.26	
DECEMBER	12	3.81	7.45	1.74	1.26	
DECEMBER	13	4.16	8.57	1.65	1.26	
DECEMBER	14	3.52	6.85	1.56	1.26	
DECEMBER	15	3.09	5.64	1.48	1.26	
DECEMBER	16	3.01	5.05	1.56	1.26	
DECEMBER	17	3.23	5.52	1.56	1.26	
DECEMBER	18	3.98	4.83	1.74	1.26	
DECEMBER	19	3.00	4.61	2.03	1.26	
DECEMBER	20	3.43	4.85	2.37	2.2	
DECEMBER	21	3.40	4.21	2.49	2.2	
DECEMBER	22	3.42	4.21	2.37	2.2	
DECEMBER	23	3.35	4.41	2.14	1.26	
DECEMBER	24	3.78	5.17	2.14	1.26	
DECEMBER	25	4.16	5.76	2.50	1.26	
DECEMBER	26	4.49	6.29	2.96	1.26	
DECEMBER	27	4.48	6.56	3.03	1.26	
DECEMBER	28	4.49	6.56	3.03	1.26	
DECEMBER	29	4.70	6.56	3.03	1.26	
DECEMBER	30	4.67	6.29	2.89	1.26	
DECEMBER	31	4.53	6.56	2.62	1.26	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
TIMEPLOT OF MONTHLY MEANS

MONTH	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
JANUARY	3.52	8.01	1.74	1.26	136.85
FEBRUARY	2.66	7.46	1.33	+	
MARCH	2.70	8.44	1.26	+	
APRIL	4.27	28.60	1.33	+	
MAY	39.27	138.85	3.76	+	
JUNE	51.81	110.46	28.53	+	
JULY	17.72	46.92	5.76	+	
AUGUST	4.94	10.20	1.48	+	
SEPTEMBER	5.45	17.68	1.65	+	
OCTOBER	12.29	124.74	2.09	+	
NOVEMBER	5.72	17.68	1.40	+	
DECEMBER	4.29	14.97	1.33	+	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
TIMERLOT OF QUARTERLY MEANS

QUARTER	MEAN OF FLOW	MAX OF FLOW	MIN OF FLOW	MIN	MAX
FIRST QUARTER	2.97	6.44	1.26	1.26	138.85
SECOND QUARTER	31.87	138.85	1.33	1.33	138.85
THIRD QUARTER	9.40	46.92	1.48	1.48	138.85
FOURTH QUARTER	7.45	124.74	1.33	1.33	138.85

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 DAILY DISCHARGE DURATION TABLE-LOGARITHMIC

18:39 SATURDAY, FEBRUARY 24, 1990 30

MONTH	0	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10	15	20	25	30	40	50	60	80	100	150	200	250	%	INUM
	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10	15	20	25	30	40	50	60	80	100	150	200	250	250	10B8	
	CFS																								
JANUARY	0	0	10	27	15	8	12	12	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FEBRUARY	0	8	13	24	16	16	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	
MARCH	0	26	29	7	0	13	7	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	93	
APRIL	0	8	8	14	14	20	3	8	10	0	2	0	2	1	0	0	0	0	0	0	0	0	0	90	
MAY	0	0	0	0	0	1	1	1	3	4	8	8	12	18	13	11	12	11	2	0	0	0	0	93	
JUNE	0	0	0	0	0	0	0	0	0	0	0	0	5	15	31	17	14	15	3	0	0	0	0	90	
JULY	0	0	0	0	0	0	0	2	10	10	20	16	13	14	2	0	0	0	0	0	0	0	0	93	
AUGUST	0	1	12	8	2	17	10	8	24	10	1	0	0	0	0	0	0	0	0	0	0	0	0	93	
SEPTEMBR	0	0	12	22	10	6	1	3	9	15	12	1	0	0	0	0	0	0	0	0	0	0	0	91	
OCTOBER	0	0	0	4	6	18	19	4	2	9	13	5	2	2	2	2	0	0	1	1	0	0	0	93	
NOVEMBER	0	3	13	10	14	10	3	1	7	12	14	3	0	0	0	0	0	0	0	0	0	0	0	90	
DECEMBER	0	4	8	18	14	12	12	5	9	6	5	0	0	0	0	0	0	0	0	0	0	0	0	93	
TOTAL	0	50	105	134	91	121	73	51	85	68	71	33	28	34	39	48	30	26	7	6	0	0	0	1007	
PERCENT	0	5	10	12	8	11	7	5	8	6	6	3	2	3	4	4	3	2	1	0	0	0	0	0	
CUMULATE	101	101	96	86	74	66	55	48	43	35	29	23	20	18	15	11	7	4	2	1	0	0	0	100	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 DAILY DISCHARGE DURATION TABLE-ARITHMETIC

18:41 SATURDAY, FEBRUARY 24, 1990 31

MONTH	0	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45	50	70	90	110	150	*	NUM
	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45	50	70	90	110	150	150	0BS	
	CFS																								
JANUARY	0	10	42	8	12	12	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93
FEBRUARY	0	21	40	16	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85
MARCH	0	55	7	13	7	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93
APRIL	0	16	28	20	3	8	9	1	0	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	90
MAY	0	0	0	1	1	1	0	1	2	4	8	5	12	10	8	6	7	21	2	1	2	0	0	0	93
JUNE	0	0	0	0	0	0	0	0	0	0	0	5	8	7	17	14	27	8	3	1	0	0	0	0	90
JULY	0	0	0	0	0	0	2	6	4	4	20	16	13	2	1	1	0	0	0	0	0	0	0	0	93
AUGUST	0	13	10	17	10	8	13	11	5	5	20	16	13	2	0	0	0	0	0	0	0	0	0	0	93
SEPTEMBER	0	12	32	6	1	3	4	4	8	8	12	1	0	0	0	0	0	0	0	0	0	0	0	91	
OCTOBER	0	0	10	18	19	4	0	2	6	3	13	5	2	0	0	0	1	1	2	0	0	1	0	0	93
NOVEMBER	0	16	24	10	3	1	3	4	7	5	14	3	0	0	0	0	0	0	0	0	0	0	0	0	90
DECEMBER	0	12	32	12	12	5	7	2	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93
TOTAL	0	155	225	121	73	51	50	35	36	32	71	33	25	34	22	17	25	23	50	10	5	14	0	1097	
PERCENT	0	14	21	11	7	5	5	3	3	3	3	6	3	2	3	2	2	2	5	1	0	0	0	0	0
CUMULATE	100	100	86	65	54	47	42	37	34	31	28	22	19	17	14	12	10	8	6	1	0	0	0	100	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
DAILY DISCHARGE DURATION TABLE-LOGARITHMIC

18:43 SATURDAY, FEBRUARY 24, 1990 32

— YEAR=1985 —

- YEAR R 1986 -

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 DAILY DISCHARGE DURATION TABLE=LOGARITHMIC

18:43 SATURDAY, FEBRUARY 24, 1990 33

\*\*\*\*\* YEAR=1987 \*\*\*\*\*

MONTH	0	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10	15	20	25	30	40	50	60	80	100	150	200	250	300	NUM
	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.	15	20	25	30	40	50	60	80	100	150	200	250	300	000	
	CFS	000																							
JANUARY	0	0	0	9	13	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
FEBRUARY	0	0	2	19	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	
MARCH	0	20	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
APRIL	0	0	0	9	2	1	7	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
MAY	0	0	0	0	0	0	0	0	1	2	1	4	12	7	2	1	0	0	0	0	0	0	0	31	
JUNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
JULY	0	0	0	0	0	0	0	0	2	7	5	3	2	3	2	0	0	0	0	0	0	0	0	31	
AUGUST	0	1	12	8	2	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
SEPTEMBR	0	0	3	5	1	0	1	3	4	4	8	1	0	0	0	0	0	0	0	0	0	0	0	30	
OCTOBER	0	0	0	0	0	0	0	0	0	0	8	10	4	1	1	2	2	0	1	1	0	0	0	31	
NOVEMBER	0	0	0	0	0	0	0	0	1	12	14	3	0	0	0	0	0	0	0	0	0	0	0	30	
DECEMBER	0	0	0	0	2	5	7	3	3	6	5	0	0	0	0	0	0	0	0	0	0	0	0	31	
TOTAL	0	21	26	52	26	18	15	16	24	38	44	12	4	10	23	26	7	1	1	1	0	0	0	365	
PERCENT	0	6	7	14	7	5	4	4	7	10	12	3	1	3	6	7	2	0	0	0	0	0	0	0	
CUMULATE	98	98	92	85	71	64	59	55	51	44	34	22	19	18	15	9	2	0	0	0	0	0	0	100	

\*\*\*\*\* YEAR=1988 \*\*\*\*\*

MONTH	0	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10	15	20	25	30	40	50	60	80	100	150	200	250	300	NUM
	1.0	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.	15	20	25	30	40	50	60	80	100	150	200	250	300	000	
	CFS	000																							
JANUARY	0	0	10	18	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
FEBRUARY	0	8	11	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	
MARCH	0	6	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
APRIL	0	8	8	2	1	2	2	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	30	
MAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	
JUNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	
JULY	0	0	0	0	0	0	0	0	0	0	8	7	10	6	0	0	0	0	0	0	0	0	0	31	
AUGUST	0	0	0	0	0	0	0	0	0	20	10	1	0	0	0	0	0	0	0	0	0	0	0	31	
SEPTEMBR	0	0	0	0	0	0	0	0	0	5	11	4	0	0	0	0	0	0	0	0	0	0	0	30	
OCTOBER	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	31	
NOVEMBER	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	30	
DECEMBER	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	31	
TOTAL	0	22	49	28	7	5	3	1	1	26	21	15	7	15	14	8	11	12	13	14	13	12	0	356	
PERCENT	0	8	19	11	3	2	1	0	10	8	16	3	6	5	3	4	14	15	16	12	11	10	0	0	
CUMULATE	102	102	94	75	64	61	59	58	58	48	40	34	31	25	20	17	13	8	13	11	10	0	0	100	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
DAILY DISCHARGE DURATION TABLE-ARITHMETIC

18444 SATURDAY, FEBRUARY 24, 1990 34

— YEAR 1985 —

YEAR=1986

MONTH	0	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45	50	70	90	110	130	150	INUM
	1	CFS	INBS																						
		CFS																							
JANUARY	0	0	0	1	9	12	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FEBRUARY	0	0	8	13	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MARCH	0	0	0	13	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
APRIL	0	0	14	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JULY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUGUST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEPTEMBER	0	9	15	6	6	7	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OCTOBER	0	0	7	11	6	9	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOVEMBER	0	0	11	24	6	9	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DECEMBER	0	0	24	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	9	79	82	39	30	16	14	6	3	12	14	6	10	5	1	6	10	19	6	1	1	0	0	
PERCENT	0	2	22	22	11	6	6	4	4	1	3	4	2	3	1	1	2	3	1	0	0	0	0	0	0
CUMULATE	100	100	98	76	54	43	35	31	27	25	24	21	17	15	12	11	10	9	7	6	5	4	3	2	100

YEAR 1997

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
DAILY DISCHARGE DURATION TABLE=ARITHMETIC

18:44 SATURDAY, FEBRUARY 24, 1990 35

YEARBOOK 1987

GRADE 8 | 2020

MONTH	0	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45	50	70	90	110	130	INUR
	1	2	3	4	5	6	7	8	9	10	15	20	25	30	35	40	45	50	70	90	110	130	150	160
	CFS	CBRS																						
JANUARY	0	10	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
FEBRUARY	0	19	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
MARCH	0	26	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
APRIL	0	16	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
MAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	31
JUNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
JULY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
AUGUST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
SEPTEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
OCTOBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
NOVEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
DECEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
TOTAL	0	71	35	25	15	15	10	16	10	11	15	7	15	14	14	14	14	14	17	23	23	24	24	366
PERCENT	0	27	13	8	6	6	4	6	4	4	6	3	6	5	2	2	2	2	3	9	2	1	1	0
CUMULATE	103	103	76	63	61	60	60	56	50	46	42	36	33	27	22	20	18	16	13	12	11	11	10	100

KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD - 09/20/85 TO 09/20/88.

## DAILY SUMMARY

H=700FT, E=85%, Q=FLOW &amp; REQHE/11.8

MONTH: JANUARY

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy kW-hrs (24) Avg Power
1	4.3	2.5	5.9	215	126	297	5159
2	3.8	2.4	5.3	193	120	266	4635
3	3.7	2.4	5.3	189	120	278	4526
4	3.5	2.3	5.3	175	113	266	4203
5	3.5	2.1	5.5	175	108	278	4199
6	3.4	2.0	5.4	169	102	273	4058
7	3.8	2.0	6.3	190	102	317	4550
8	3.7	2.0	5.6	186	102	284	4474
9	4.2	1.9	6.0	209	97	304	5026
10	4.1	1.9	5.8	207	97	290	4962
11	3.7	1.8	5.3	185	90	266	4437
12	3.9	1.8	6.4	198	92	324	4744
13	4.4	2.1	8.0	222	108	404	5317
14	4.3	2.3	7.8	215	113	392	5151
15	4.0	2.1	7.2	200	108	361	4804
16	3.8	2.3	6.3	190	113	317	4554
17	3.4	2.1	5.3	171	108	266	4102
18	3.3	1.9	6.5	168	95	278	4042
19	3.3	2.1	4.8	165	105	244	3953
20	3.0	2.0	4.2	149	102	212	3574
21	3.0	2.3	4.2	150	113	212	3610
22	3.4	2.4	4.7	170	120	238	4086
23	3.2	2.7	4.2	163	136	212	3921
24	3.0	2.6	3.8	163	132	194	3663
25	3.8	2.4	6.2	171	123	264	4094
26	3.8	2.1	6.9	190	106	345	4566
27	3.4	2.0	6.0	172	100	304	4135
28	2.9	1.8	4.9	147	90	249	3534
29	2.8	1.7	4.6	141	88	232	3380
30	2.7	1.7	4.4	137	88	222	3300
31	2.7	1.7	4.2	136	88	212	3263

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DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18145 SATURDAY, FEBRUARY 24, 1990 38

**KLUKWAN DATA REPORT-WALKER LAKE OUTLET**  
**PERIOD OF RECORD = 09/20/85 TO 09/20/88**

**DAILY SUMMARY**  
**HR700FT, BEEBE, GEFLOW & PROBE/11/0**

## DAILY SUMMARY

H=700FT, DEBRX, GEFLOW & PAQHE/11-0

MON THE MARC

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy (kW-hrs) (24) Avg Power
1	3.6	1.7	7.2	182	88	361	4365
2	4.0	1.7	8.1	201	88	409	4681
3	4.1	1.7	8.4	204	88	426	4905
4	3.7	1.7	7.6	187	88	384	4494
5	3.4	1.7	6.6	172	88	331	4187
6	3.1	1.6	6.0	157	81	304	3776
7	3.0	1.7	5.3	149	83	266	3574
8	2.9	1.5	5.3	146	75	266	3505
9	2.9	1.5	5.3	144	75	266	3465
10	2.8	1.5	5.3	141	75	266	3393
11	2.7	1.4	4.6	136	71	232	3263
12	2.7	1.4	4.6	135	71	232	3243
13	2.6	1.4	4.4	130	71	222	3122
14	2.6	1.3	4.0	118	67	203	2824
15	2.6	1.3	3.8	103	67	194	2745
16	2.6	1.4	3.7	111	71	185	2674
17	2.4	1.4	3.5	109	71	176	2606
18	2.3	1.3	3.5	123	67	176	2614
19	2.3	1.3	3.5	132	64	226	2953
20	2.6	1.3	5.1	141	67	255	3167
21	2.6	1.3	4.6	129	64	232	3372
22	2.4	1.4	4.0	120	71	203	3090
23	2.3	1.4	3.6	116	71	194	2888
24	2.3	1.4	3.5	110	75	176	2779
25	2.3	1.5	3.7	111	75	185	2638
26	2.3	1.4	3.7	109	71	185	2674
27	2.3	1.4	3.8	116	75	194	2610
28	2.3	1.4	3.7	118	71	185	2775
29	2.3	1.4	3.7	127	71	185	2824
30	2.3	1.4	3.5	124	75	176	3050
31	2.3	1.5	3.5				2965

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18:45 SATURDAY, FEBRUARY 24, 1990 39

**KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.**

## DAILY SUMMARY

H=700RT, E=85%, Q=FLOW & P=QHE/11.8

MONTHAP

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy (kW-hrs)
				(24) Avg Power			(24) Avg Power
1	2.3	1.5	3.2	116	75	160	2787
2	2.2	1.5	3.0	112	75	153	2683
3	2.3	1.4	3.5	118	71	176	2840
4	2.3	1.4	3.3	115	71	168	2771
5	2.4	1.4	3.7	123	71	185	2953
6	2.4	1.5	3.6	119	75	168	2848
7	2.5	1.3	3.9	125	67	194	2997
8	2.4	1.4	3.8	126	71	194	3021
9	2.4	1.6	3.5	125	79	176	2997
10	2.6	1.8	3.8	132	92	160	3159
11	2.6	1.8	3.0	130	92	153	3126
12	2.6	1.7	3.0	129	88	153	3090
13	2.7	1.7	3.6	136	88	161	3259
14	3.1	1.7	4.9	184	83	248	3707
15	3.6	1.7	6.3	179	88	317	4296
16	3.5	1.8	6.6	178	92	317	4280
17	3.4	2.0	6.6	173	102	290	4147
18	3.4	2.4	5.5	172	120	278	4139
19	3.7	2.7	5.8	188	136	290	4582
20	4.2	3.2	6.0	213	160	304	5123
21	4.2	3.3	5.8	212	166	290	5079
22	4.3	3.8	5.8	218	160	290	5232
23	4.5	2.9	6.0	227	146	304	5458
24	4.7	2.9	5.8	236	146	290	5668
25	5.0	2.8	6.4	251	139	324	6027
26	6.9	2.8	11.7	348	139	589	8358
27	7.9	2.8	14.7	399	139	742	9589
28	9.8	2.9	20.3	495	146	1022	11676
29	10.9	3.0	22.8	550	153	1151	13195
30	13.2	3.3	26.6	665	168	1442	15950

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/86.  
 DAILY SUMMARY  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18:45 SATURDAY, FEBRUARY 24, 1990 40

MONTHE MAY

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy kW-Hrs (24) Avg Power
1	14.2	3.8	30.1	714	190	1518	17140
2	14.4	4.6	27.7	728	233	1396	17467
3	14.7	5.7	25.0	740	285	1261	17753
4	15.4	7.0	22.5	779	353	1137	18689
5	18.1	9.0	23.0	913	453	1158	21916
6	20.1	9.3	27.1	1013	470	1368	24308
7	22.9	11.7	31.5	1155	587	1590	27725
8	25.6	14.4	33.2	1293	726	1672	31021
9	29.2	16.7	37.6	1470	844	1895	35284
10	32.7	18.3	49.3	1651	924	2488	39613
11	36.0	19.0	61.0	1816	959	3076	43578
12	40.1	17.7	74.6	2021	891	3760	48512
13	60.1	17.7	132.7	3032	891	6693	72776
14	63.3	18.3	138.9	3190	924	7001	76563
15	49.3	19.7	94.0	2488	994	4741	59710
16	41.3	22.7	65.2	2084	1147	3288	50008
17	38.7	25.7	52.5	1951	1896	2649	46821
18	37.5	27.1	46.4	1893	1365	2341	45422
19	35.5	26.2	43.7	1789	1319	2201	42929
20	36.7	29.5	45.1	1849	1488	2273	44377
21	38.7	33.2	45.8	1954	1673	2311	46890
22	42.1	34.9	51.1	2123	1758	2575	50956
23	43.8	36.0	54.4	2210	1816	2742	53034
24	45.3	34.3	59.5	2287	1730	3002	54877
25	46.0	41.3	57.6	2421	2081	2913	58108
26	50.4	46.4	52.8	2541	2339	2662	60984
27	55.6	48.9	63.5	2803	2464	3199	67269
28	58.1	49.7	68.4	2928	2505	3449	70275
29	60.0	53.7	68.4	3066	2708	3447	73574
30	63.0	58.4	68.4	3215	2945	3449	77148
31	64.8	61.3	71.5	3366	3091	3605	78383

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DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 DAILY SUMMARY  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18145 SATURDAY, FEBRUARY 24, 1990 /41

MONTH-JUNE

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy KW-HRS (24) Avg Power
1	57.5	52.4	66.4	2898	2643	3347	69561
2	52.0	49.8	56.2	2621	2511	2833	62892
3	47.7	46.0	50.4	2407	2318	2542	57773
4	47.2	44.0	49.8	2381	2221	2513	57148
5	52.7	41.7	60.6	2656	2102	3056	63748
6	65.4	40.4	83.4	3296	2039	4204	79097
7	83.2	44.5	104.4	4193	2241	5265	100642
8	82.1	44.5	110.5	4138	2241	5570	99319
9	73.0	47.4	87.5	3681	2388	4411	88342
10	63.4	47.4	75.9	3199	2388	3825	76781
11	55.0	47.4	67.5	2772	2388	3404	66519
12	50.5	44.8	60.9	2548	2260	3071	61158
13	48.0	41.3	58.3	2420	2081	2937	58080
14	51.6	40.4	60.1	2604	2036	3028	62489
15	60.7	38.5	79.9	3062	1941	4031	73490
16	61.1	34.3	87.2	3083	1730	4397	73990
17	55.7	36.6	73.7	2807	1847	3717	67358
18	51.9	40.4	65.1	2616	2037	3280	62788
19	50.9	44.4	62.5	2845	2240	3152	61069
20	48.3	40.5	57.1	2435	2041	2878	58451
21	49.6	40.5	56.0	2509	2042	2822	60286
22	49.2	39.3	57.1	2480	1979	2877	59524
23	43.6	39.3	46.9	2198	1981	2366	52747
24	38.7	36.3	43.1	1950	1832	2171	46793
25	34.8	31.8	40.4	1756	1590	2037	42138
26	34.1	31.0	39.8	1721	1564	2009	41295
27	34.8	28.5	45.9	1756	1439	2313	42138
28	36.6	28.6	52.1	1844	1444	2626	44256
29	37.7	29.6	52.1	1901	1493	2628	45623
30	37.5	28.7	49.6	1893	1447	2503	45438

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DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.

18445 SATURDAY, FEBRUARY 24, 1990 42

**DAILY SUMMARY**

\*\*\* MONTHS JULY

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy Kw-Hrs (24) Avg Power
1	37.0	28.7	46.9	1867	1448	2366	44804
2	35.4	28.8	43.1	1783	1450	2171	42792
3	31.3	27.9	36.0	1578	1404	1816	37862
4	28.7	26.6	32.6	1447	1343	1638	34736
5	27.6	26.2	29.5	1389	1319	1487	33344
6	26.1	23.6	28.5	1315	1188	1439	31869
7	24.3	22.3	26.2	1228	1126	1319	29464
8	22.9	19.0	27.1	1155	959	1368	27785
9	21.2	17.7	24.4	1071	891	1233	25696
10	20.1	15.2	23.6	1015	768	1188	24361
11	18.7	14.1	21.2	945	712	1069	22687
12	18.2	13.1	21.0	918	660	1107	22041
13	17.9	12.6	21.3	902	639	1075	21638
14	16.7	11.7	20.3	840	587	1024	20161
15	15.9	10.5	20.3	800	529	1025	19201
16	16.1	9.9	21.0	811	501	1061	19455
17	15.8	9.4	20.4	781	472	1028	18754
18	14.9	9.1	19.8	750	456	996	17999
19	14.5	8.6	19.8	729	435	997	17495
20	14.0	9.4	18.6	704	472	935	16890
21	13.6	9.2	18.0	685	462	906	16438
22	12.6	8.4	16.8	637	426	849	15284
23	12.2	7.6	15.8	613	384	797	14720
24	10.7	6.9	14.8	542	345	747	13005
25	10.4	6.6	14.4	526	331	724	12618
26	9.6	6.0	13.5	482	304	680	11565
27	9.2	6.0	13.1	466	304	659	11174
28	9.0	5.8	13.1	456	290	660	10948
29	8.7	6.3	12.3	441	317	620	10573
30	8.5	6.3	11.6	430	317	582	10331
31	7.9	5.8	10.8	397	291	547	9528

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18:45 SATURDAY, FEBRUARY 24, 1990 43

**KLUKWAN DATA REPORT=WALKER LAKE OUTLET**  
**PERIOD OF RECORD = 09/20/85 TO 09/20/88**

**DAILY SUMMARY**  
**Hs700FT, E885%, QFELLOW & RQHES/11-1**

— MONTH: AUGUST

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy (kw-hrs)
				(84) Avg Power			(84) Avg Power
1	7.3	5.3	10.2	368	266	514	8842
2	7.0	4.8	9.9	351	244	499	8427
3	7.0	4.4	9.9	351	222	501	8431
4	6.6	4.1	9.7	335	208	487	8040
5	6.4	3.8	9.7	321	190	488	7701
6	5.9	3.3	9.1	300	168	459	7196
7	5.8	3.2	8.9	291	160	447	6991
8	5.6	3.0	8.9	282	153	448	6765
9	5.5	2.8	8.4	275	142	423	6595
10	5.5	2.7	8.4	279	136	424	6704
11	5.3	2.5	8.2	267	126	413	6402
12	5.1	2.5	8.0	257	126	402	6172
13	5.0	2.3	7.8	253	113	392	6083
14	4.7	2.1	7.6	236	108	382	5664
15	4.5	1.9	7.4	224	97	373	5385
16	4.4	1.8	7.4	220	92	374	5280
17	4.3	1.7	7.2	219	88	365	5244
18	4.3	1.7	7.1	219	88	356	5248
19	4.2	2.1	6.7	214	108	339	5127
20	4.3	2.3	6.6	216	113	331	5180
21	4.1	2.0	6.7	207	102	337	4966
22	3.9	2.0	6.5	199	102	325	4768
23	4.0	1.9	6.3	200	97	318	4804
24	4.0	1.9	6.7	199	97	336	4784
25	4.0	1.8	6.9	200	92	346	4792
26	3.9	1.7	6.7	196	88	339	4695
27	3.8	1.6	6.9	193	79	349	4643
28	4.1	1.6	7.4	207	79	374	4966
29	4.2	1.5	7.3	210	75	370	5038
30	4.1	1.5	7.2	209	88	362	5010
31	4.4	1.9	7.8	222	97	393	5337

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

16:45 SATURDAY, FEBRUARY 24, 1990 44

## KLUKWAN DATA REPORT-WALKER LAKE OUTLET

PERIOD OF RECORD • 09/20/85 TO 09/20/88.

## DAILY SUMMARY

H=700FT, E=85%, Q=FLOW 18 RADHE/11.8

## MONTHS SEPTEMBER

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy Kw-Hrs (24) Avg Power
1	4.6	1.7	8.5	231	88	428	5535
2	4.5	1.7	8.5	227	83	429	5442
3	4.5	1.7	8.5	225	83	430	5389
4	4.5	2.1	8.3	226	106	420	5430
5	4.5	2.1	8.4	227	108	421	5454
6	4.3	2.0	7.9	219	102	400	5244
7	4.2	2.1	7.6	209	106	381	5026
8	4.1	2.1	7.6	207	108	383	4958
9	4.2	2.6	7.2	214	132	365	5127
10	5.1	2.8	7.1	256	126	388	6186
11	6.2	2.5	9.2	312	126	464	7483
12	6.2	2.1	9.8	310	108	493	7451
13	6.4	2.1	11.1	324	108	560	7773
14	6.1	2.3	10.7	306	113	539	7346
15	6.0	1.9	10.7	301	97	540	7225
16	5.6	1.9	10.1	284	97	511	6817
17	6.0	1.8	9.9	301	92	499	7825
18	6.6	1.8	9.9	334	92	500	8019
19	7.6	1.8	11.7	385	92	587	9234
20	7.0	1.7	14.1	350	88	712	8411
21	5.9	1.9	13.6	299	97	686	7172
22	5.4	2.0	12.1	274	102	611	6567
23	5.2	2.6	10.3	261	129	521	6261
24	4.8	2.3	9.5	243	116	481	5837
25	4.4	2.0	8.4	228	102	426	5333
26	4.7	2.0	9.6	239	102	483	5736
27	5.4	2.0	11.7	272	102	587	6523
28	5.5	2.0	12.1	277	102	611	6660
29	6.1	1.9	14.2	310	97	713	7443
30	7.5	1.9	17.7	377	97	891	9052

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18:45 SATURDAY, FEBRUARY 24, 1990 48

**KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD - 09/20/85 TO 09/20/88.**

DAILY SUMMARY  
H=700FT, E=85%, Q=FLOW & P=QHE/11,8

## DAILY SUMMARY

H=700FT, E=85%, Q=FLLOW & P=0HE/11.8

## MONTH OCTOBER

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy kW-hrs (24) Avg Power
1	21.6	2.1	59.7	1091	105	3008	26192
2	43.5	2.3	124.7	2195	113	6290	52675
3	35.2	2.5	99.8	1776	126	5034	42622
4	19.4	2.5	51.1	980	126	2576	23530
5	18.9	2.8	48.9	952	139	8464	22856
6	17.1	3.0	43.1	861	153	2175	20666
7	13.2	2.9	31.8	665	146	1604	15950
8	11.3	3.3	26.2	568	164	1319	13643
9	9.6	3.0	21.2	484	153	1068	11626
10	8.4	3.0	17.7	426	153	891	10214
11	7.9	2.9	16.4	399	146	828	9568
12	7.1	3.0	13.9	358	153	699	8596
13	6.7	3.4	12.6	340	173	635	8161
14	6.7	4.4	11.2	338	222	565	8116
15	6.4	4.0	10.8	323	203	543	7741
16	6.1	4.0	9.4	306	203	472	7346
17	5.8	4.0	8.6	294	203	435	7047
18	5.7	4.2	8.1	288	212	409	6916
19	5.9	4.0	8.3	295	203	417	7088
20	6.1	3.7	8.8	306	185	444	7354
21	6.4	3.5	8.4	321	176	426	7709
22	8.4	3.5	12.8	422	176	646	10133
23	13.5	3.2	28.1	681	160	1419	16333
24	15.6	3.0	32.6	788	153	1645	18915
25	13.9	3.0	26.5	699	153	1335	16785
26	12.2	3.0	21.6	617	153	1087	14804
27	11.3	2.9	16.9	570	146	851	13679
28	10.8	2.8	16.4	547	139	828	13118
29	9.8	3.0	15.5	497	153	783	11916
30	8.6	3.2	13.6	436	160	686	10468
31	7.6	2.9	11.9	382	146	599	9161

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/86,  
DAILY SUMMARY  
HZ700ET-P=98% Q BELOW A P=QHE/11 B

18145 SATURDAY, FEBRUARY 24, 1990 146

ET, B=85%, QuRLOW & PROKHE/11.

MONTH NOVEMBER

KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.

DAILY SUMMARY  
H=700FT, E=85%, Q=FLOW & R=QHE/11.8

MONTH=DECEMBER

DAY	MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	Avg Power (kW)	Min Power (kW)	Max Power (kW)	Avg Energy KW-HRS (24) Avg Power
1	6.9	1.3	15.0	330	67	755	7919
2	6.2	1.3	14.1	313	67	712	7519
3	5.8	1.3	13.1	291	67	661	6987
4	5.2	1.7	11.4	265	85	576	6349
5	5.3	2.5	10.6	267	126	532	6418
6	5.3	2.9	9.9	269	146	501	6458
7	5.0	2.7	9.5	253	136	481	6071
8	4.9	2.8	9.3	246	126	481	5910
9	4.9	2.1	9.9	247	108	501	5930
10	4.4	2.0	8.4	220	102	486	5280
11	3.8	1.8	7.3	193	92	368	4639
12	3.8	1.7	7.5	192	88	376	4615
13	4.2	1.7	8.6	210	83	432	5030
14	3.5	1.6	6.9	177	79	345	4256
15	3.1	1.5	5.6	156	75	284	3735
16	3.0	1.6	5.1	152	79	255	3647
17	3.2	1.6	5.5	163	79	278	3913
18	3.0	1.7	4.8	150	88	244	3606
19	3.0	2.0	4.6	151	102	232	3635
20	3.4	2.4	4.8	173	120	244	4151
21	3.4	2.8	4.2	171	126	212	4115
22	3.4	2.4	4.2	172	120	212	4135
23	3.4	2.1	4.4	169	108	222	4054
24	3.8	2.1	5.2	190	108	261	4570
25	4.2	2.5	5.1	190	126	290	5030
26	4.5	3.0	6.3	226	149	317	5430
27	4.5	3.0	6.6	226	183	331	5418
28	4.5	3.3	6.6	227	168	331	5438
29	4.7	3.0	6.6	237	193	331	5692
30	4.7	2.9	6.3	235	146	317	5651
31	4.5	2.6	6.6	228	132	331	5482

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DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18445 SATURDAY, FEBRUARY 24, 1990 48

## KLUKWAN DATA REPORT-WALKER LAKE OUTLET

PERIOD OF RECORD = 09/20/85 TO 09/20/88

## MONTHLY SUMMARY

H=700FT, E=85%, Q=FLOW & PROBE/11.

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
QUARTERLY SUMMARY  
H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18:45 SATURDAY, FEBRUARY 24, 1990 49

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/86.  
OVERALL SUMMARY

18145 SATURDAY, FEBRUARY 24, 1990 150

MEAN FLOW (CFS)	MINIMUM FLOW (CFS)	MAXIMUM FLOW (CFS)	AVG POWER (KW)	MIN POWER (KW)	MAX POWER (KW)	AVG ENERGY KW-HRS (87660AVG POWER)
12.9	1.3	138.9	651	64	7001 <sup>*</sup>	5707055 5707055 5707055

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKMAN DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 DAILY MIN,MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18:45 SATURDAY, FEBRUARY 24, 1990 51

MONTH=JANUARY

MONTH	DAY	Avg Power* (kw)	MIN	MAX
JANUARY	1	215	64	7001
JANUARY	2	193	64	7001
JANUARY	3	189	64	7001
JANUARY	4	175	64	7001
JANUARY	5	175	64	7001
JANUARY	6	169	64	7001
JANUARY	7	190	64	7001
JANUARY	8	186	64	7001
JANUARY	9	209	64	7001
JANUARY	10	207	64	7001
JANUARY	11	185	64	7001
JANUARY	12	198	64	7001
JANUARY	13	222	64	7001
JANUARY	14	215	64	7001
JANUARY	15	200	64	7001
JANUARY	16	190	64	7001
JANUARY	17	171	64	7001
JANUARY	18	168	64	7001
JANUARY	19	165	64	7001
JANUARY	20	149	64	7001
JANUARY	21	150	64	7001
JANUARY	22	170	64	7001
JANUARY	23	163	64	7001
JANUARY	24	183	64	7001
JANUARY	25	171	64	7001
JANUARY	26	190	64	7001
JANUARY	27	172	64	7001
JANUARY	28	147	64	7001
JANUARY	29	141	64	7001
JANUARY	30	137	64	7001
JANUARY	31	136	64	7001

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

1845 SATURDAY, FEBRUARY 24, 1990 58

KLUKWAN DATA REPORT-WALKER LAKE OUTLET

PERIOD OF RECORD - 09/20/85 TO 09/20/88

DAILY MIN, MAX AND MEAN POWER (KW)

H=700FT, E=85%, Q=FLOW & P=GHE/11.8

MONTH= FEBRUARY

MONTH	DAY	Avg Power* (kw)	Min	Max
			64	7001
FEBRUARY	1	139	<+>	
FEBRUARY	2	155	<+>	
FEBRUARY	3	141	<+>	
FEBRUARY	4	137	<+>	
FEBRUARY	5	141	<+>	
FEBRUARY	6	146	<@	
FEBRUARY	7	137	<@	
FEBRUARY	8	134	<@	
FEBRUARY	9	126	<@	
FEBRUARY	10	121	<@	
FEBRUARY	11	114	<@	
FEBRUARY	12	117	<@	
FEBRUARY	13	116	<@	
FEBRUARY	14	114	<@	
FEBRUARY	15	114	<@	
FEBRUARY	16	115	<@	
FEBRUARY	17	112	<@	
FEBRUARY	18	110	<@	
FEBRUARY	19	131	<@	
FEBRUARY	20	161	<@	
FEBRUARY	21	163	<@*	
FEBRUARY	22	141	<@	
FEBRUARY	23	123	<@	
FEBRUARY	24	120	<@	
FEBRUARY	25	127	<@	
FEBRUARY	26	154	<+>	
FEBRUARY	27	160	<+>	
FEBRUARY	28	194	<+-->	
FEBRUARY	29	100	<	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
KLUKWAN DATA REPORT=WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
DAILY MIN, MAX AND MEAN POWER (KW)  
H=700FT, E=85%, Q=FLOW & R=QHE/11.8

18:45 SATURDAY, FEBRUARY 24, 1990 53

MONTH=MARCH

MONTH	DAY	Avg Power*	MIN	MAX
MARCH	1	182	64	7001
MARCH	2	201	<+>	
MARCH	3	204	<+>	
MARCH	4	187	<+>	
MARCH	5	172	<+>	
MARCH	6	157	<+>	
MARCH	7	149	<+>	
MARCH	8	146	<+>	
MARCH	9	144	<+>	
MARCH	10	141	<+>	
MARCH	11	136	<+>	
MARCH	12	135	<+>	
MARCH	13	130	<+>	
MARCH	14	118	<+>	
MARCH	15	113	<+>	
MARCH	16	111	<@	
MARCH	17	109	<@	
MARCH	18	109	<@	
MARCH	19	123	<@	
MARCH	20	132	<+>	
MARCH	21	141	<+>	
MARCH	22	129	<+>	
MARCH	23	120	<+>	
MARCH	24	116	<+>	
MARCH	25	110	<@	
MARCH	26	111	<@	
MARCH	27	109	<@	
MARCH	28	116	<+>	
MARCH	29	118	<@	
MARCH	30	127	<@	
MARCH	31	124	<@	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET.  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & PGHE/11.8

18145 SATURDAY, FEBRUARY 24, 1990 94

MONTH=APRIL

MONTH	DAY	Avg Power*	MIN	MAX
		(KW)	64	7001
APRIL	1	116	<>	
APRIL	2	112	<>	
APRIL	3	118	<>	
APRIL	4	115	<>	
APRIL	5	123	<>	
APRIL	6	119	<>	
APRIL	7	125	<+>	
APRIL	8	126	<+>	
APRIL	9	125	<>	
APRIL	10	132	<>	
APRIL	11	130	<>	
APRIL	12	129	<>	
APRIL	13	136	<>	
APRIL	14	154	<+>	
APRIL	15	179	<+>	
APRIL	16	178	<+>	
APRIL	17	173	<+>	
APRIL	18	172	<>	
APRIL	19	188	<>	
APRIL	20	213	<+>	
APRIL	21	212	<+>	
APRIL	22	218	<+>	
APRIL	23	227	<+>	
APRIL	24	236	<+>	
APRIL	25	251	<+>	
APRIL	26	348	<+>	
APRIL	27	399	<+>	
APRIL	28	495	<+>	
APRIL	29	550	<+>	
APRIL	30	665	<+>	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAQ DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18:45 SATURDAY, FEBRUARY 24, 1990 55

MONTH MAY

MONTH	DAY	Avg Power* (kw)	MIN	MAX
MAY	1	714	64	7001
MAY	2	728		
MAY	3	740		
MAY	4	779		
MAY	5	913		
MAY	6	1013		
MAY	7	1155		
MAY	8	1293		
MAY	9	1470		
MAY	10	1651		
MAY	11	1816		
MAY	12	2021		
MAY	13	3032		
MAY	14	3190		
MAY	15	3486		
MAY	16	2084		
MAY	17	1951		
MAY	18	1893		
MAY	19	1789		
MAY	20	1849		
MAY	21	1954		
MAY	22	2123		
MAY	23	2210		
MAY	24	2287		
MAY	25	2421		
MAY	26	2541		
MAY	27	2603		
MAY	28	2928		
MAY	29	3066		
MAY	30	3215		
MAY	31	3266		

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS

18145 SATURDAY, FEBRUARY 24, 1990 56

KLUKwan DATA REPORT-WALKER LAKE OUTLET

PERIOD OF RECORD = 09/20/85 TO 09/20/86

DAILY MIN, MAX AND MEAN POWER (KW)

H=700FT, E=85%, Q=FLOW &amp; PGHE/11.8

## MONTH=JUNE

MONTH	DAY	Avg Power*	MIN	MAX
		(kw)		
JUNE	1	2898	64	7001
JUNE	2	2621	64	7001
JUNE	3	2407	64	7001
JUNE	4	2381	64	7001
JUNE	5	2656	64	7001
JUNE	6	3296	64	7001
JUNE	7	4193	64	7001
JUNE	8	4138	64	7001
JUNE	9	3681	64	7001
JUNE	10	3199	64	7001
JUNE	11	2772	64	7001
JUNE	12	2548	64	7001
JUNE	13	2420	64	7001
JUNE	14	2604	64	7001
JUNE	15	3062	64	7001
JUNE	16	3083	64	7001
JUNE	17	2807	64	7001
JUNE	18	2616	64	7001
JUNE	19	2545	64	7001
JUNE	20	2435	64	7001
JUNE	21	2509	64	7001
JUNE	22	2480	64	7001
JUNE	23	2198	64	7001
JUNE	24	1950	64	7001
JUNE	25	1756	64	7001
JUNE	26	1721	64	7001
JUNE	27	1756	64	7001
JUNE	28	1844	64	7001
JUNE	29	1901	64	7001
JUNE	30	1893	64	7001

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KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.

DAILY MIN, MAX AND MEAN POWER (KW)  
H=700FT, E=85%, Q=FLOW & P=QHE/11.8

## MONTH=JULY

MONTH	DAY	Avg Power*	MIN	MAX
		(kw)	64	7001
JULY	1	1867	<+><+>	
JULY	2	1783	<+><+>	
JULY	3	1578	<+>	
JULY	4	1447	<+>	
JULY	5	1389	<+>	
JULY	6	1315	<+>	
JULY	7	1228	<+>	
JULY	8	1155	<+>	
JULY	9	1071	<+>	
JULY	10	1015	<+>	
JULY	11	945	<+>	
JULY	12	918	<+>	
JULY	13	902	<+>	
JULY	14	840	<+>	
JULY	15	800	<+>	
JULY	16	811	<+>	
JULY	17	781	<+>	
JULY	18	750	<+>	
JULY	19	729	<+>	
JULY	20	704	<+>	
JULY	21	685	<+>	
JULY	22	637	<+>	
JULY	23	613	<+>	
JULY	24	542	<+>	
JULY	25	526	<+>	
JULY	26	482	<+>	
JULY	27	466	<+>	
JULY	28	456	<+>	
JULY	29	441	<+>	
JULY	30	430	<+>	
JULY	31	397	<+>	

DNR=DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAQ DATA REPORT=WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18146 SATURDAY, FEBRUARY 24, 1990 58

MONTH=AUGUST

MONTH	DAY	Avg Power* (kw)	Min	Max
			64	7001
AUGUST	1	368	<+>	
AUGUST	2	351	<+>	
AUGUST	3	351	<+>	
AUGUST	4	335	<+>	
AUGUST	5	321	<+>	
AUGUST	6	300	<+>	
AUGUST	7	291	<+>	
AUGUST	8	282	<+>	
AUGUST	9	275	<+>	
AUGUST	10	279	<+>	
AUGUST	11	267	<+>	
AUGUST	12	257	<+>	
AUGUST	13	253	<+>	
AUGUST	14	236	<+>	
AUGUST	15	234	<+>	
AUGUST	16	220	<+>	
AUGUST	17	219	<+>	
AUGUST	18	219	<+>	
AUGUST	19	214	<+>	
AUGUST	20	216	<+>	
AUGUST	21	207	<+>	
AUGUST	22	199	<+>	
AUGUST	23	200	<+>	
AUGUST	24	199	<+>	
AUGUST	25	200	<+>	
AUGUST	26	196	<+>	
AUGUST	27	193	<+>	
AUGUST	28	207	<+>	
AUGUST	29	210	<+>	
AUGUST	30	209	<+>	
AUGUST	31	222	<+>	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKwan DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88.  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=GHE/11.8

18:46 SATURDAY, FEBRUARY 24, 1990 59

MONTH=SEPTEMBR

MONTH	DAY	Avg Power* (kw)	MIN	MAX
SEPTEMBR	1	231	64	7001
SEPTEMBR	2	227	<+>	*
SEPTEMBR	3	225	<+>	*
SEPTEMBR	4	226	<+>	*
SEPTEMBR	5	227	<+>	*
SEPTEMBR	6	219	<+>	*
SEPTEMBR	7	209	<+>	*
SEPTEMBR	8	207	<+>	*
SEPTEMBR	9	214	<+>	*
SEPTEMBR	10	256	<+>	*
SEPTEMBR	11	312	<+>	*
SEPTEMBR	12	310	<+>	*
SEPTEMBR	13	324	<+>	*
SEPTEMBR	14	306	<+>	*
SEPTEMBR	15	301	<+>	*
SEPTEMBR	16	284	<+>	*
SEPTEMBR	17	301	<+>	*
SEPTEMBR	18	334	<+>	*
SEPTEMBR	19	385	<+>	*
SEPTEMBR	20	350	<+>	*
SEPTEMBR	21	299	<+>	*
SEPTEMBR	22	274	<+>	*
SEPTEMBR	23	261	<+>	*
SEPTEMBR	24	243	<+>	*
SEPTEMBR	25	222	<+>	*
SEPTEMBR	26	239	<+>	*
SEPTEMBR	27	272	<+>	*
SEPTEMBR	28	277	<+>	*
SEPTEMBR	29	310	<+>	*
SEPTEMBR	30	377	<+>	*

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 KLUKWAH DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD = 09/20/85 TO 09/20/86.  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & R=QHE/11.8

18146 SATURDAY, FEBRUARY 24, 1990 60

MONTH=OCTOBER

MONTH	DAY	Avg Power*	MIN	MAX
		(kw)		7001
OCTOBER	1	1091	64	
OCTOBER	2	2195		
OCTOBER	3	1776		
OCTOBER	4	980		
OCTOBER	5	952		
OCTOBER	6	861		
OCTOBER	7	665		
OCTOBER	8	568		
OCTOBER	9	484		
OCTOBER	10	426		
OCTOBER	11	399		
OCTOBER	12	358		
OCTOBER	13	340		
OCTOBER	14	336		
OCTOBER	15	323		
OCTOBER	16	306		
OCTOBER	17	294		
OCTOBER	18	288		
OCTOBER	19	295		
OCTOBER	20	306		
OCTOBER	21	321		
OCTOBER	22	422		
OCTOBER	23	681		
OCTOBER	24	788		
OCTOBER	25	699		
OCTOBER	26	617		
OCTOBER	27	570		
OCTOBER	28	547		
OCTOBER	29	497		
OCTOBER	30	436		
OCTOBER	31	382		

\*DAILY MEAN POWER = (MAX+MIN)/2

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 DAILY MIN,MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18:46 SATURDAY, FEBRUARY 24, 1990 61

MONTH=NOVEMBER

MONTH	DAY	Avg Power*	MIN	MAX
		(KW)		7001
NOVEMBER	1	355	64	
NOVEMBER	2	388	<+>	
NOVEMBER	3	359	<+>	
NOVEMBER	4	322	<+>	
NOVEMBER	5	300	<+>	
NOVEMBER	6	315	<+>	
NOVEMBER	7	271	<+>	
NOVEMBER	8	246	<+>	
NOVEMBER	9	256	<+>	
NOVEMBER	10	264	<+>	
NOVEMBER	11	280	<+>	
NOVEMBER	12	335	<+>	
NOVEMBER	13	403	<+>, <+>	
NOVEMBER	14	383	<+>, <+>	
NOVEMBER	15	344	<+>, >	
NOVEMBER	16	300	<+>	
NOVEMBER	17	288	<+>	
NOVEMBER	18	270	<+>	
NOVEMBER	19	264	<+>	
NOVEMBER	20	253	<+>	
NOVEMBER	21	236	<+>	
NOVEMBER	22	217	<+>	
NOVEMBER	23	215	<+>	
NOVEMBER	24	229	<+>	
NOVEMBER	25	213	<+>	
NOVEMBER	26	210	<+>	
NOVEMBER	27	200	<+>	
NOVEMBER	28	257	<+>	
NOVEMBER	29	330	<+>, >	
NOVEMBER	30	351	<+>, >	

DNR-DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS  
 KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
 PERIOD OF RECORD - 09/20/85 TO 09/20/88  
 DAILY MIN, MAX AND MEAN POWER (KW)  
 H=700FT, E=85%, Q=FLOW & P=QHE/11.8

18146 SATURDAY, FEBRUARY 24, 1990 162

MONTH=DECEMBER

MONTH	DAY	Avg Power* (kw)	Min	Max
			64	7001
DECEMBER	1	330	<+>	
DECEMBER	2	313	<+>	
DECEMBER	3	291	<+>	
DECEMBER	4	265	<+>	
DECEMBER	5	267	<+>	
DECEMBER	6	269	<+>	
DECEMBER	7	253	<+>	
DECEMBER	8	246	<+>	
DECEMBER	9	247	<+>	
DECEMBER	10	220	<+>	
DECEMBER	11	193	<+>	
DECEMBER	12	192	<+>	
DECEMBER	13	210	<+>	
DECEMBER	14	177	<+>	
DECEMBER	15	156	<+>	
DECEMBER	16	152	<+>	
DECEMBER	17	163	<+>	
DECEMBER	18	150	<+>	
DECEMBER	19	151	<+>	
DECEMBER	20	173	<+>	
DECEMBER	21	171	<+>	
DECEMBER	22	172	<+>	
DECEMBER	23	169	<+>	
DECEMBER	24	190	<+>	
DECEMBER	25	210	<+>	
DECEMBER	26	226	<+>	
DECEMBER	27	226	<+>	
DECEMBER	28	227	<+>	
DECEMBER	29	237	<+>	
DECEMBER	30	235	<+>	
DECEMBER	31	228	<+>	

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KLUKWAQ DATA REPORT-WALKER LAKE OUTLET  
PERIOD OF RECORD = 09/20/85 TO 09/20/88.  
MONTHLY MIN, MAX AND MEAN POWER (KW)  
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18:46 SATURDAY, FEBRUARY 24, 1990 63

MONTH	Avg Power* (kw)	MIN	MAX
		64	7001
JANUARY	177	<+**>	
FEBRUARY	134	<+**>	
MARCH	136	<+**>	
APRIL	216	<+****>	
MAY	1980	<*****>	
JUNE	2612	<*****>	
JULY	894	<*****>	
AUGUST	849	<+**>	
SEPTEMBER	275	<+****>	
OCTOBER	680	<*****>	
NOVEMBER	288	<+****>	
DECEMBER	217	<+****>	

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KLUKWAN DATA REPORT-WALKER LAKE OUTLET  
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QUARTERLY MIN,MAX AND MEAN POWER (KW)  
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18:46 SATURDAY, FEBRUARY 24, 1990 64

QUARTER	AVG POWER* (KW)	MIN	MAX
FIRST QUARTER	150	64	7001
SECOND QUARTER	1607	<---->	
THIRD QUARTER	474	<---->	
FOURTH QUARTER	376	<---->	