

BUFFALO CREEK

.....  
 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55,56  
 .....

**USE**

C STEREO SECTIONS W/CHANNEL ADDED - 100 YR PROFILE \*ROUTED DISCHARGES  
 T1 CLEVELAND CO. NC FIS 100YR LIMITED DETAIL  
 T2 100 YR NATURAL  
 T3 BUFFALO CR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.001000	0.00	0.0	0.	589.000	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	41.000	42.000	5.000	0.000	38.000	1.000	13.000
	14.000	15.000	55.000	26.000	56.000	0.000	38.000	1.000	53.000	21.000
	22.000	54.000	4.000	0.000	150.000	0.000	0.000	0.000	0.000	0.000
NC	0.150	0.150	0.055	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	3.000	17200.000	17200.000	17200.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6.000	8.000	945.000	1035.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	600.000	830.000	595.000	870.000	589.000	945.000	578.000	980.000	578.000	1020.000
GR	589.000	1055.000	592.000	1120.000	600.000	1150.000	0.000	0.000	0.000	0.000
X1	5.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
X1	4.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
X1	3.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.200	0.000
X1	2.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.300	0.000
X1	1.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.400	0.000
	*** BRIDGE NC 198 AT SC/NC STATE LINE									
X1	0.000	19.000	2180.000	2270.000	88.000	88.000	88.000	0.000	0.000	0.000
GR	612.300	2010.000	604.700	2020.000	592.300	2040.000	588.400	2060.000	586.800	2082.000
GR	596.100	2100.000	596.500	2120.000	596.200	2130.000	594.200	2140.000	593.700	2150.000
GR	594.900	2180.000	581.300	2200.000	579.300	2230.000	579.400	2240.000	581.900	2260.000
GR	593.600	2270.000	593.800	2300.000	610.000	2330.000	620.900	2351.000	0.000	0.000

*End 1*





X1	19630.000	16.000	5610.000	5693.000	2000.000	2020.000	2030.000	0.000	0.000	0.000	0.000	0.000
GR	640.100	5270.000	613.800	5430.000	617.900	5530.000	617.300	5580.000	614.000	5610.000	5610.000	5610.000
GR	604.600	5619.000	604.600	5650.000	604.600	5678.000	614.000	5693.000	617.600	5710.000	5710.000	5710.000
GR	618.200	5770.000	617.500	5950.000	617.200	6070.000	617.400	6170.000	629.000	6270.000	6270.000	6270.000
GR	647.600	6490.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.100	0.000	14650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	3.000	14650.000	14650.000	14650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	21550.000	16.000	5683.000	5766.000	1920.000	1870.000	1920.000	0.000	0.000	0.000	0.000	0.000
GR	632.000	5045.000	628.000	5080.000	624.000	5120.000	621.500	5460.000	620.000	5610.000	5610.000	5610.000
GR	616.000	5683.000	607.200	5693.000	607.200	5753.000	616.000	5766.000	622.700	5810.000	5810.000	5810.000
GR	622.000	5860.000	619.800	5960.000	618.600	6150.000	618.800	6230.000	619.400	6310.000	6310.000	6310.000
GR	633.500	6390.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.150	0.000	14200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	3.000	14200.000	14200.000	14200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	25400.000	23.000	6242.000	6325.000	3750.000	3810.000	3850.000	0.000	0.000	0.000	0.000	0.000
GR	675.000	5000.000	668.300	5140.000	654.200	5340.000	642.100	5540.000	638.600	5600.000	5600.000	5600.000
GR	636.900	5670.000	633.300	5740.000	629.400	5820.000	627.900	5890.000	627.300	5990.000	5990.000	5990.000
GR	626.400	6080.000	628.100	6170.000	630.700	6220.000	620.000	6242.000	611.600	6254.000	6254.000	6254.000
GR	611.600	6314.000	620.000	6325.000	628.100	6350.000	629.300	6410.000	628.200	6585.000	6585.000	6585.000
GR	628.000	6600.000	641.500	6660.000	703.500	6860.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	3.000	13850.000	13850.000	13850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	28230.000	10.000	5391.000	5475.000	2520.000	2850.000	2830.000	0.000	0.000	0.000	0.000	0.000
GR	640.500	5325.000	623.000	5391.000	614.500	5404.000	614.500	5464.000	623.000	5475.000	5475.000	5475.000
GR	631.500	5485.000	631.200	5545.000	631.400	5605.000	640.800	5640.000	687.800	5840.000	5840.000	5840.000
X1	29800.000	12.000	5641.000	5725.000	1530.000	1370.000	1570.000	0.000	0.000	0.000	0.000	0.000
GR	719.500	5315.000	641.200	5515.000	634.000	5565.000	625.000	5641.000	616.500	5654.000	5654.000	5654.000
GR	616.500	5714.000	625.000	5725.000	631.600	5765.000	637.300	5850.000	642.000	5875.000	5875.000	5875.000
GR	696.300	6075.000	725.000	6265.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	3.000	13550.000	13550.000	13550.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	31036.000	11.000	2090.000	2175.000	1100.000	1150.000	1236.000	0.000	0.000	0.000	0.000	0.000
GR	652.600	1920.000	640.000	2020.000	632.000	2050.000	628.000	2090.000	620.200	2105.000	2105.000	2105.000
GR	618.700	2140.000	620.100	2165.000	636.000	2175.000	632.000	2200.000	640.000	2225.000	2225.000	2225.000
GR	650.900	2290.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
*** BRIDGE SR 1103												
X1	31136.000	11.000	2000.000	2275.000	100.000	100.000	100.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	661.000	1900.000	652.600	1920.000	642.100	2000.000	632.000	2050.000	630.000	2069.000	2069.000	2069.000
GR	620.000	2095.000	620.000	2180.000	643.800	2248.000	648.200	2275.000	650.900	2290.000	2290.000	2290.000
GR	653.200	2300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.000	1.190	2.500	0.000	85.000	1.130	6295.000	2.710	620.000	620.000	620.000	620.000
X1	31163.000	0.000	0.000	0.000	27.000	27.000	27.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	656.200	657.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	-6.000	1900.000	661.000	661.000	2000.000	660.900	642.500	2000.000	660.900	656.200	656.200	656.200
BT	0.000	2275.000	657.600	653.200	2275.000	657.800	648.200	2300.000	657.800	653.200	653.200	653.200



QT	3.000	8400.000	8400.000	8400.000	0.000	0.000	0.000	0.000	0.000	0.000
*** MUDDY FORK CONFLUENCE DOWNSTREAM AT STA 44100										
X1	44625.000	14.000	5785.000	5879.000	2060.000	1610.000	1940.000	0.000	0.000	0.000
GR	708.100	5000.000	660.000	5220.000	656.000	5440.000	652.000	5740.000	649.000	5785.000
GR	636.000	5790.000	636.000	5865.000	649.000	5879.000	652.600	5925.000	654.200	5975.000
GR	650.100	6175.000	666.800	6275.000	698.200	6375.000	705.200	6475.000	0.000	0.000
QT	3.000	8120.000	8120.000	8120.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	47850.000	10.000	5675.000	5775.000	2880.000	3260.000	3225.000	0.000	0.000	0.000
GR	719.200	5320.000	680.000	5515.000	659.600	5675.000	654.000	5675.000	642.000	5680.000
GR	642.000	5762.000	654.800	5775.000	655.800	5815.000	679.500	5935.000	707.200	6035.000
QT	3.000	8100.000	8100.000	8100.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	49450.000	8.000	952.000	1050.000	1586.000	1526.000	1600.000	0.000	0.000	0.000
GR	680.000	840.000	660.000	875.000	656.000	952.000	645.000	960.000	645.000	1038.000
GR	656.000	1050.000	660.000	1090.000	680.000	1130.000	0.000	0.000	0.000	0.000
QT	3.000	8050.000	8050.000	8050.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50426.000	8.000	954.000	1052.000	980.000	970.000	976.000	0.000	0.000	0.000
GR	680.000	900.000	660.000	930.000	657.000	954.000	649.000	960.000	649.000	1038.000
GR	658.000	1052.000	660.000	1070.000	680.000	1110.000	0.000	0.000	0.000	0.000
*** BRIDGE SR 2033										
X1	50526.000	32.000	2080.000	2190.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	691.000	1990.000	689.000	2000.000	685.300	2010.000	673.800	2030.000	665.200	2045.000
GR	670.000	2046.000	670.000	2047.000	663.700	2048.000	661.800	2050.000	661.800	2060.000
GR	659.000	2080.000	652.000	2089.000	651.500	2090.000	669.100	2091.000	669.100	2092.000
GR	651.400	2093.000	651.200	2100.000	652.100	2110.000	652.200	2130.000	651.800	2135.000
GR	668.200	2136.000	668.200	2137.000	651.700	2138.000	650.900	2150.000	651.200	2179.000
GR	667.400	2180.000	667.400	2181.000	651.700	2182.000	665.600	2190.000	670.200	2200.000
GR	678.300	2210.000	690.000	2240.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50554.000	0.000	0.000	0.000	28.000	28.000	28.000	0.000	0.000	0.000
X1	50654.000	11.000	2040.000	2140.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	700.000	1955.000	678.900	2000.000	664.900	2022.000	662.100	2040.000	654.400	2046.000
GR	652.700	2080.000	652.900	2100.000	654.800	2125.000	665.600	2140.000	681.400	2200.000
GR	700.000	2260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	51000.000	10.000	960.000	1040.000	380.000	290.000	366.000	0.000	0.000	0.000
GR	720.000	875.000	700.000	910.000	680.000	930.000	660.000	960.000	659.000	964.000
GR	659.000	1036.000	680.000	1040.000	680.000	1060.000	700.000	1090.000	720.000	1110.000
*** TOE OF SPILLWAY OF KINGS MTN RESERVIOR										
X1	51020.000	10.000	960.000	1040.000	20.000	20.000	20.000	0.000	0.000	0.000
GR	720.000	875.000	700.000	910.000	680.000	930.000	670.000	960.000	665.000	964.000
GR	665.000	1036.000	670.000	1040.000	680.000	1065.000	700.000	1090.000	720.000	1110.000





THIS RUN EXECUTED 13 APR 90 8:36:54

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HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
ERROR CORR - 01,02,03,04,05,06  
MODIFICATION - 50,51,52,53,54,55,56  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BUFFALOE CR

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S
6.000	602.30	602.83	0.00	578.00	9.96
5.000	602.31	602.84	0.00	578.00	9.95
4.000	602.32	602.85	0.00	578.10	10.12
3.000	602.32	602.87	0.00	578.30	10.49
2.000	602.34	602.91	0.00	578.60	11.07
1.000	602.37	602.97	0.00	579.00	11.91
0.000	602.38	603.17	0.00	579.30	18.57
13.000	602.44	603.22	0.00	579.30	18.40
113.000	602.67	603.39	0.00	578.50	14.22
1250.000	604.29	604.73	0.00	579.50	9.24
4575.000	606.78	606.98	0.00	583.00	5.00
6700.000	608.10	608.58	0.00	586.60	10.82
6995.000	608.43	608.89	0.00	586.60	10.07
7000.000	608.43	608.90	0.00	593.00	18.33
7915.000	609.65	610.34	0.00	588.20	12.14
8015.000	610.30	610.50	0.00	588.40	3.90
8044.000	610.31	610.51	611.20	588.40	3.89

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S
8144.000	610.30	610.59	0.00	588.40	4.91
10550.000	611.83	612.33	0.00	591.90	10.40
12600.000	616.30	616.46	0.00	605.00	50.77
15714.000	619.58	619.82	0.00	598.90	4.39
15814.000	619.65	619.88	0.00	597.20	5.51
15847.000	619.68	619.91	622.30	597.20	5.47
15947.000	619.54	620.14	0.00	599.10	13.47
17600.000	621.34	621.46	0.00	601.60	4.76
19630.000	622.66	623.08	0.00	604.60	13.16
21550.000	625.02	625.35	0.00	607.20	10.56
25400.000	630.10	631.16	0.00	611.60	21.03
28230.000	635.19	636.08	0.00	614.50	14.56
29800.000	637.47	638.19	0.00	616.50	12.15
31036.000	639.15	640.09	0.00	618.70	18.68
31136.000	640.01	640.33	0.00	620.00	7.71
31163.000	640.01	640.33	656.20	620.00	7.70
31263.000	639.83	640.62	0.00	619.00	13.91
31720.000	640.56	641.45	0.00	620.30	15.22
33460.000	643.27	644.32	0.00	624.30	18.69
36550.000	648.60	649.43	0.00	629.00	14.56
41100.000	654.22	654.82	0.00	632.30	9.73
42395.000	655.51	656.07	0.00	633.00	9.42
42495.000	656.06	656.20	0.00	634.00	2.77
42585.000	656.07	656.20	663.60	634.00	2.76
42685.000	655.89	656.40	0.00	633.00	9.02
44625.000	657.39	657.54	0.00	636.00	3.19

14-100

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8:36:39

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SECNO	CWSEL	EG	ELLC	ELMIN	10X*S
47850.000	658.82	659.21	0.00	642.00	8.70
49450.000	660.38	660.87	0.00	645.00	11.90
50426.000	661.76	662.47	0.00	649.00	21.05
50526.000	661.92	662.95	0.00	650.90	72.30
50554.000	682.19	663.16	0.00	650.90	66.82
50654.000	662.51	664.15	0.00	652.70	79.31
51000.000	665.81	689.11	0.00	659.00	191.48
* 51020.000	672.06	675.43	0.00	665.00	205.65
* 51100.000	678.31	681.63	0.00	671.00	202.00
* 51200.000	665.61	689.01	0.00	678.40	207.68

## BUFFALOE CR

## SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROB	VL0B	VCH	VROB
6.000	602.30	1305.44	14464.02	1430.54	1.35	6.32	1.50
5.000	602.31	1306.02	14463.01	1430.97	1.35	6.32	1.50
4.000	602.32	1295.58	14481.25	1423.17	1.36	6.35	1.50
3.000	602.32	1273.37	14520.13	1406.50	1.36	6.43	1.51
2.000	602.34	1239.48	14579.59	1380.92	1.38	6.55	1.53
1.000	602.37	1194.02	14659.68	1346.30	1.39	6.70	1.55
0.000	602.38	2779.97	13879.48	540.55	1.95	7.89	1.64
13.000	602.44	2787.99	13868.92	543.10	1.95	7.86	1.64
113.000	602.67	1317.35	15119.04	763.61	1.17	7.27	1.19
1250.000	604.29	1301.49	13204.59	2693.92	1.09	6.03	0.95
4575.000	606.78	1470.93	10302.41	5156.65	0.73	4.46	0.98
6700.000	608.10	2378.63	13394.67	986.70	1.27	6.21	1.31
6995.000	608.43	2460.96	13280.23	1018.81	1.25	6.05	1.30
7000.000	608.43	2428.62	10301.82	4029.56	1.43	6.90	1.77
7915.000	609.65	1369.07	14941.82	449.11	1.45	7.04	1.61
8015.000	610.30	0.00	16760.00	0.00	0.00	3.61	0.00
8044.000	610.31	0.00	16760.00	0.00	0.00	3.61	0.00
8144.000	610.30	409.33	15887.68	293.00	1.00	4.37	1.28
10550.000	611.83	843.38	12606.09	3140.53	1.50	6.40	2.08
12600.000	616.30	12608.31	6.99	3974.70	2.93	0.98	4.00
15714.000	619.58	559.73	13310.84	2129.43	0.99	4.28	1.29
15814.000	619.65	0.00	16000.00	0.00	0.00	3.79	0.00
15847.000	619.68	0.00	16000.00	0.00	0.00	3.78	0.00
15947.000	619.54	2444.59	11206.40	2349.01	2.00	7.34	1.84

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
17600.000	621.34	4057.94	6390.53	5371.52	1.02	4.22	1.43
19630.000	622.66	2063.58	9269.35	4487.07	1.49	6.69	1.75
21550.000	625.02	1971.48	8266.71	4411.81	1.02	6.00	1.49
25400.000	630.10	1181.58	12591.64	426.78	1.12	8.75	0.83
28230.000	635.19	431.28	12873.60	545.12	1.54	7.87	0.96
29800.000	637.47	1064.30	12050.79	734.91	1.64	7.26	1.18
31036.000	639.15	972.26	12336.93	240.81	2.10	8.11	1.15
31136.000	640.01	0.00	13550.00	0.00	0.00	4.53	0.00
31163.000	640.01	0.00	13550.00	0.00	0.00	4.53	0.00
31263.000	639.83	618.53	12031.20	900.27	1.46	7.58	1.95
31790.000	640.56	289.70	12615.14	575.15	1.43	7.81	1.94
33460.000	643.27	432.93	12881.30	165.77	1.57	8.38	1.09
36550.000	648.60	392.14	12368.82	489.04	1.42	7.55	1.28
41100.000	654.22	152.14	12707.05	390.80	0.99	6.35	0.97
42395.000	655.51	490.32	12404.72	104.96	1.08	6.16	0.70
42495.000	656.06	0.00	13000.00	0.00	0.00	2.97	0.00
42585.000	656.07	0.00	13000.00	0.00	0.00	2.97	0.00
42685.000	655.89	206.12	11698.80	1095.08	0.77	6.04	1.04
44625.000	657.99	762.60	6737.08	900.32	0.55	3.57	0.53
47850.000	658.82	81.57	7934.37	104.06	0.65	5.06	0.63
49450.000	660.38	139.54	7902.61	57.88	0.76	5.66	0.61
50426.000	661.76	98.41	7906.08	45.51	1.22	6.79	0.86
50526.000	661.92	42.69	8007.31	0.00	1.34	8.15	0.00
50554.000	662.19	55.18	7994.82	0.00	1.39	7.92	0.00
50654.000	662.51	0.21	8049.79	0.00	0.38	10.29	0.00
51000.000	665.81	78.12	7934.51	37.38	3.09	14.67	2.22

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SECNO	CWSEL	QLOB	QCH	OROB	VLOB	VCH	VROB
* 51020.000	672.06	11.18	8031.47	7.35	1.75	14.73	1.38
* 51100.000	678.31	11.25	8031.26	7.49	1.32	14.64	1.05
* 51200.000	685.61	4.73	8042.00	3.27	1.47	14.81	1.16

## BUFFALOE CR

## SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
6.000	602.30	830.00	945.00	1055.00	1150.00	320.00
5.000	602.31	830.00	945.00	1055.00	1150.00	320.00
4.000	602.32	830.00	945.00	1055.00	1150.00	320.00
3.000	602.32	830.00	945.00	1055.00	1150.00	320.00
2.000	602.34	830.00	945.00	1055.00	1150.00	320.00
1.000	602.37	830.00	945.00	1055.00	1150.00	320.00
0.000	602.38	2023.74	2180.00	2270.00	2315.90	292.16
13.000	602.44	2023.66	2180.00	2270.00	2315.98	292.32
113.000	602.67	1968.93	2190.00	2290.00	2408.19	439.25
1250.000	604.29	5340.73	5525.00	5626.00	6267.24	926.52
4575.000	606.78	5402.16	5809.00	5913.00	6497.48	1095.33
6700.000	608.10	5380.93	5639.00	5746.00	5847.69	466.76
6995.000	608.43	5378.72	5639.00	5746.00	5849.18	470.46
7000.000	608.43	652.25	940.00	1040.00	1316.65	664.39
7915.000	609.65	757.61	946.00	1055.00	1099.13	341.52
8015.000	610.30	2000.00	2000.00	2302.00	2302.00	302.00
8044.000	610.31	2000.00	2000.00	2302.00	2302.00	302.00
8144.000	610.30	1942.74	2016.00	2225.00	2264.69	321.95
10550.000	611.83	5675.82	5761.00	5863.00	6072.55	396.74
12600.000	616.90	6703.62	7526.00	7618.00	7776.86	982.50
15714.000	619.58	1992.61	2080.00	2250.00	2596.51	603.90
15814.000	619.65	2002.53	2000.00	2333.00	2333.00	330.47
15847.000	619.68	2002.31	2000.00	2333.00	2333.00	330.69
15947.000	619.54	1973.18	2127.00	2210.00	2568.67	595.19

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
17600.000	621.34	5510.57	6080.00	6163.00	6659.63	1149.06
19630.000	622.66	5376.11	5610.00	5693.00	6215.32	839.21
21550.000	625.02	5109.80	5683.00	5766.00	6341.88	1232.08
25400.000	630.10	5805.57	6242.00	6325.00	6609.35	791.09
28230.000	635.19	5345.05	5391.00	5475.00	5619.09	274.03
29800.000	637.47	5540.91	5641.00	5725.00	5850.90	310.00
31036.000	639.15	2023.17	2090.00	2175.00	2222.36	199.19
31136.000	640.01	2010.34	2000.00	2275.00	2237.18	226.84
31163.000	640.01	2010.33	2000.00	2275.00	2237.18	226.85
31263.000	639.83	2015.04	2090.00	2175.00	2235.31	220.27
31790.000	640.56	5321.61	5360.00	5446.00	5483.54	161.92
33460.000	643.27	5395.48	5449.00	5536.00	5582.39	186.92
36550.000	648.60	5341.77	5394.00	5484.00	5558.82	217.05
41100.000	654.22	5440.50	5485.00	5585.00	5664.84	224.33
42395.000	655.51	843.35	954.00	1055.00	1109.46	266.11
42495.000	656.06	2027.18	2000.00	2320.00	2320.00	292.82
42585.000	656.07	2027.16	2000.00	2320.00	2320.00	292.84
42685.000	655.89	1950.80	2040.00	2135.00	2324.82	374.02
44625.000	657.39	5363.82	5785.00	5879.00	6218.62	854.80
47850.000	658.82	5623.33	5675.00	5775.00	5830.30	206.97
49450.000	660.38	874.33	952.00	1050.00	1090.76	216.43
50426.000	661.76	927.36	954.00	1052.00	1073.52	146.17
50526.000	661.92	2049.87	2080.00	2190.00	2187.89	132.76
50554.000	662.19	2049.59	2080.00	2190.00	2188.04	133.28
50654.000	662.51	2037.35	2040.00	2140.00	2135.71	98.36
51000.000	665.81	951.29	960.00	1040.00	1045.81	94.52



SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
* 51020.000	672.06	953.81	960.00	1040.00	1045.16	91.35
* 51100.000	678.31	946.95	960.00	1040.00	1050.88	103.93
* 51200.000	685.61	955.98	960.00	1040.00	1043.51	87.53

## BUFFALO CR

## SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
6.000	0.00	0.00	0.00	578.00	17200.00	602.30	0.00	602.83	9.96	6.32	4209.73	5451.13
5.000	5.00	0.00	0.00	578.00	17200.00	602.31	0.00	602.84	9.95	6.32	4211.32	5453.68
4.000	10.00	0.00	0.00	578.10	17200.00	602.32	0.00	602.85	10.12	6.35	4182.65	5407.77
3.000	15.00	0.00	0.00	578.30	17200.00	602.32	0.00	602.87	10.49	6.43	4122.24	5311.64
2.000	30.00	0.00	0.00	578.60	17200.00	602.34	0.00	602.91	11.07	6.55	4031.69	5169.02
1.000	40.00	0.00	0.00	579.00	17200.00	602.37	0.00	602.97	11.91	6.70	3913.09	4984.90
0.000	88.00	0.00	0.00	579.30	17200.00	602.38	0.00	603.17	18.57	7.89	3513.69	3991.13
13.000	25.00	0.00	0.00	579.30	17200.00	602.44	0.00	603.22	18.40	7.86	3526.80	4009.46
113.000	100.00	0.00	0.00	578.50	17200.00	602.67	0.00	603.39	14.22	7.27	3850.61	4561.97
1250.000	1137.00	0.00	0.00	579.50	17200.00	604.29	0.00	604.73	9.24	6.03	6212.97	5656.98
4575.000	3325.00	0.00	0.00	583.00	16930.00	606.78	0.00	606.98	5.00	4.46	9590.32	7567.77
6700.000	2125.00	0.00	0.00	586.60	16760.00	608.10	0.00	608.58	10.82	6.21	4789.32	5095.20
6995.000	295.00	0.00	0.00	586.60	16760.00	608.43	0.00	608.69	10.07	6.05	4945.23	5281.20
7000.000	5.00	0.00	0.00	593.00	16760.00	608.43	0.00	608.90	18.33	6.90	5471.02	3914.86
7915.000	915.00	0.00	0.00	588.20	16760.00	609.65	0.00	610.34	12.14	7.04	3347.30	4810.04
8015.000	100.00	0.00	0.00	588.40	16760.00	610.30	0.00	610.50	3.90	3.61	4643.31	8492.15
8044.000	29.00	614.79	611.20	588.40	16760.00	610.31	0.00	610.51	3.89	3.61	4645.00	8497.28
8144.000	100.00	0.00	0.00	588.40	16590.00	610.30	0.00	610.59	4.91	4.37	4274.74	7488.48
10550.000	2406.00	0.00	0.00	591.90	16590.00	611.83	0.00	612.33	10.40	6.40	4044.91	5143.54
12600.000	2050.00	0.00	0.00	605.00	16590.00	616.30	0.00	616.46	50.77	0.98	5301.81	2328.43
15714.000	3114.00	0.00	0.00	598.90	16000.00	619.58	0.00	619.82	4.39	4.28	5322.07	7634.52
15814.000	100.00	0.00	0.00	597.20	16000.00	619.65	0.00	619.88	5.51	3.79	4219.38	6814.16
15847.000	33.00	621.70	622.30	597.20	16000.00	619.68	0.00	619.91	5.47	3.78	4229.62	6838.62
15947.000	100.00	0.00	0.00	599.10	16000.00	619.54	0.00	620.14	13.47	3.34	4019.28	4359.47

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
17600.000	1653.00	0.00	0.00	601.60	15820.00	621.34	0.00	621.46	4.76	4.22	9268.20	7253.52
19630.000	2030.00	0.00	0.00	604.60	15820.00	622.66	0.00	623.08	13.16	6.69	5327.62	4361.03
21550.000	1920.00	0.00	0.00	607.20	14650.00	625.02	0.00	625.35	10.56	6.00	6276.80	4507.39
25400.000	3850.00	0.00	0.00	611.60	14200.00	630.10	0.00	631.16	21.03	8.75	3001.96	3096.77
28230.000	2830.00	0.00	0.00	614.50	13850.00	635.19	0.00	636.08	14.56	7.87	2484.27	3629.76
29800.000	1570.00	0.00	0.00	616.50	13850.00	637.47	0.00	638.19	12.15	7.26	2930.45	3973.09
31036.000	1236.00	0.00	0.00	618.70	13550.00	639.15	0.00	640.09	18.68	8.11	2191.43	3135.40
31136.000	100.00	0.00	0.00	620.00	13550.00	640.01	0.00	640.33	7.71	4.53	2993.58	4880.79
31163.000	27.00	657.80	656.20	620.00	13550.00	640.01	0.00	640.33	7.70	4.53	2993.91	4881.57
31263.000	100.00	0.00	0.00	619.00	13550.00	639.83	0.00	640.62	13.91	7.58	2475.16	3632.51
31790.000	527.00	0.00	0.00	620.30	13480.00	640.56	0.00	641.45	15.22	7.81	2115.55	3454.95
33460.000	1670.00	0.00	0.00	624.30	13480.00	643.27	0.00	644.32	18.69	8.38	1964.83	3117.70
36550.000	3090.00	0.00	0.00	629.00	13250.00	648.60	0.00	649.43	14.56	7.55	2296.24	3472.54
41100.000	4550.00	0.00	0.00	632.30	13250.00	654.22	0.00	654.82	9.73	6.35	2557.83	4246.76
42395.000	1295.00	0.00	0.00	633.00	13000.00	655.51	0.00	656.07	9.42	6.16	2618.60	4235.06
42495.000	100.00	0.00	0.00	634.00	13000.00	656.06	0.00	656.20	2.77	2.97	4379.22	7816.17
42585.000	90.00	667.70	663.60	634.00	13000.00	656.07	0.00	656.20	2.76	2.97	4380.20	7818.86
42685.000	100.00	0.00	0.00	633.00	13000.00	655.89	0.00	656.40	9.02	6.04	3254.33	4328.19
44625.000	1940.00	0.00	0.00	636.00	8400.00	657.39	0.00	657.54	3.19	3.57	4972.88	4706.48
47850.000	3225.00	0.00	0.00	642.00	8120.00	658.82	0.00	659.21	8.70	5.06	1857.59	2753.16
49450.000	1600.00	0.00	0.00	645.00	8100.00	660.38	0.00	660.87	11.90	5.66	1676.14	2347.81
50426.000	976.00	0.00	0.00	649.00	8050.00	661.76	0.00	662.47	21.05	6.79	1297.11	1754.54
50526.000	100.00	0.00	0.00	650.90	8050.00	661.92	0.00	662.95	72.30	8.15	1014.59	946.72
50554.000	28.00	0.00	0.00	650.90	8050.00	662.19	0.00	663.16	66.82	7.92	1049.58	984.78
50654.000	100.00	0.00	0.00	652.70	8050.00	662.51	0.00	664.15	79.31	10.29	782.90	903.95
51000.000	366.00	0.00	0.00	659.00	8050.00	665.81	665.80	669.11	191.48	14.67	582.94	581.74

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SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
* 51020.000	20.00	0.00	0.00	665.00	8050.00	672.06	672.06	675.43	205.65	14.73	556.79	561.34
* 51100.000	80.00	0.00	0.00	671.00	8050.00	678.31	678.31	681.63	202.00	14.64	564.06	566.40
* 51200.000	100.00	0.00	0.00	678.40	8050.00	685.61	685.61	689.01	207.68	14.81	548.95	558.59

## BUFFALO CR

## SUMMARY PRINTOUT TABLE 150

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6.000	17200.00	602.30	0.00	0.00	13.30	320.00	0.00
5.000	17200.00	602.31	0.00	0.01	0.00	320.00	5.00
4.000	17200.00	602.32	0.00	0.01	0.00	320.00	10.00
3.000	17200.00	602.32	0.00	0.01	0.00	320.00	15.00
2.000	17200.00	602.34	0.00	0.02	0.00	320.00	30.00
1.000	17200.00	602.37	0.00	0.03	0.00	320.00	40.00
0.000	17200.00	602.38	0.00	0.01	0.00	292.16	88.00
13.000	17200.00	602.44	0.00	0.05	0.00	292.32	25.00
113.000	17200.00	602.67	0.00	0.24	0.00	439.25	100.00
1250.000	17200.00	604.29	0.00	1.62	0.00	926.52	1137.00
4575.000	16930.00	606.78	0.00	2.49	0.00	1095.33	3325.00
6700.000	16760.00	608.10	0.00	1.32	0.00	466.76	2125.00
6995.000	16760.00	608.43	0.00	0.33	0.00	470.46	295.00
7000.000	16760.00	608.43	0.00	0.00	0.00	664.39	5.00
7915.000	16760.00	609.65	0.00	1.22	0.00	341.52	915.00
8015.000	16760.00	610.30	0.00	0.65	0.00	302.00	100.00
8044.000	16760.00	610.31	0.00	0.01	0.00	302.00	29.00
8144.000	16590.00	610.30	0.00	-0.01	0.00	321.95	100.00
10550.000	16590.00	611.83	0.00	1.53	0.00	396.74	2406.00
12600.000	16590.00	616.30	0.00	4.47	0.00	982.50	2050.00
15714.000	16000.00	619.58	0.00	3.28	0.00	603.90	3114.00
15814.000	16000.00	619.65	0.00	0.07	0.00	330.47	100.00
15847.000	16000.00	619.68	0.00	0.03	0.00	330.69	33.00
15947.000	16000.00	619.54	0.00	-0.15	0.00	595.19	100.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17600.000	15820.00	621.34	0.00	1.80	0.00	1149.06	1653.00
19630.000	15820.00	622.66	0.00	1.32	0.00	839.21	2030.00
21550.000	14650.00	625.02	0.00	2.37	0.00	1232.08	1920.00
25400.000	14200.00	630.10	0.00	5.08	0.00	791.09	3850.00
28230.000	13850.00	635.19	0.00	5.08	0.00	274.03	2830.00
29800.000	13850.00	637.47	0.00	2.28	0.00	310.00	1570.00
31036.000	13550.00	639.15	0.00	1.69	0.00	199.19	1236.00
31136.000	13550.00	640.01	0.00	0.86	0.00	226.84	100.00
31163.000	13550.00	640.01	0.00	0.00	0.00	226.85	27.00
31263.000	13550.00	639.83	0.00	-0.19	0.00	220.27	100.00
31790.000	13480.00	640.56	0.00	0.73	0.00	161.92	527.00
33460.000	13480.00	643.27	0.00	2.72	0.00	186.92	1670.00
36550.000	13250.00	648.60	0.00	5.33	0.00	217.05	3090.00
41100.000	13250.00	654.22	0.00	5.62	0.00	224.33	4550.00
42395.000	13000.00	655.51	0.00	1.29	0.00	266.11	1295.00
42495.000	13000.00	656.06	0.00	0.56	0.00	292.82	100.00
42585.000	13000.00	656.07	0.00	0.00	0.00	292.84	90.00
42685.000	13000.00	655.89	0.00	-0.18	0.00	374.02	100.00
44625.000	8400.00	657.39	0.00	1.50	0.00	854.80	1940.00
47850.000	8120.00	658.82	0.00	1.44	0.00	206.97	3225.00
49450.000	8100.00	660.38	0.00	1.56	0.00	216.43	1600.00
50426.000	8050.00	661.76	0.00	1.38	0.00	146.17	976.00
50526.000	8050.00	661.92	0.00	0.16	0.00	132.76	100.00
50554.000	8050.00	662.19	0.00	0.26	0.00	133.28	28.00
50654.000	8050.00	662.51	0.00	0.32	0.00	98.36	100.00
51000.000	8050.00	665.81	0.00	3.30	0.00	94.52	366.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 51020.000	8050.00	672.06	0.00	6.25	0.00	91.35	20.00
* 51100.000	8050.00	678.31	0.00	6.24	0.00	103.93	80.00
* 51200.000	8050.00	685.61	0.00	7.30	0.00	87.53	100.00