

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

GANG BENCH

SECTION	CHANNEL	MIN	EL	RF	MAX	EL	RF	MIN	EL	RF	FISCHARGEL	CWSEL	CRIMS	EG	TOPPID	10K'S	TIME	VCL	
ALPHA	LENGTH	FCIDWAY	LTP	CHCRC	GCURD	(CFS)													
C.42	2.0		C.C	C.C	2109.2C	315.00	2113.12	0.0	2113.81	26.10	105.56	0.0	0.0						
C.42	2.0		C.C	C.C	2109.2C	470.00	2113.00	2113.40	2114.65	41.55	105.26	0.0	0.0						
C.42	2.0		C.C	C.C	2109.2C	560.00	2114.09	2113.81	2115.04	53.32	107.19	0.0	0.0						
C.42	2.0		C.C	C.C	2109.2C	730.00	2114.83	2114.83	2115.55	159.49	74.06	0.0	0.0						
C.42	2.0		C.C	C.C	2109.20	315.00	2112.53	0.0	2114.06	29.09	61.66	0.00	0.04						
C.42	2.0		C.C	C.C	2109.20	470.00	2114.31	C.C	2114.52	62.00	63.02	0.00	0.06						
C.42	2.0		C.C	C.C	2109.20	560.00	2114.77	2113.96	2115.30	150.63	53.66	0.00	0.08						
C.42	2.0		C.C	C.C	2109.20	730.00	2115.46	C.C	2115.79	210.63	35.84	0.00	0.15						
C.42	2.0		C.C	C.C	2117.50	2114.80	2109.20	2109.20	2118.08	444.28	0.27	0.03	0.72						
C.42	2.0		C.C	C.C	2117.50	2112.80	2109.20	2109.20	2118.41	466.02	C.44	0.03	0.84						
C.42	2.0		C.C	C.C	2117.50	2112.80	2109.20	2109.20	2118.55	474.37	C.55	0.02	0.91						
C.42	2.0		C.C	C.C	2117.50	2112.80	2109.20	2109.20	2118.74	300.27	2.35	0.01	0.54						
C.51	2.0		C.C	C.C	2116.20	290.00	2115.75	2119.75	2121.05	12.04	303.45	C.C5	6.21						
C.51	2.0		C.C	C.C	2116.20	420.00	2120.36	2120.56	2122.13	13.51	293.82	C.C4	7.10						
C.51	2.0		C.C	C.C	2116.20	520.00	2121.09	2121.09	2122.82	14.47	285.49	C.C3	7.49						
C.51	2.0		C.C	C.C	2116.20	670.00	2121.83	2121.83	2123.74	15.80	277.52	C.C3	8.17						
C.51	2.0		C.C	C.C	2116.20	290.00	2121.06	C.C	2121.61	14.43	51.62	C.C5	6.24						
C.51	2.0		C.C	C.C	2116.20	420.00	2121.99	C.C	2122.09	16.02	96.76	C.C4	7.13						
C.51	2.0		C.C	C.C	2116.20	520.00	2122.59	0.0	2123.36	16.67	96.85	C.C4	7.54						
C.51	2.0		C.C	C.C	2116.20	670.00	2123.58	0.0	2124.27	69.53	68.03	C.C3	8.24						
C.53	2.0		C.C	C.C	2119.40	290.00	2125.25	0.0	2125.43	72.65	20.65	0.06	6.44						
C.53	2.0		C.C	C.C	2119.40	420.00	2125.35	0.0	2125.64	83.24	21.63	0.05	7.38						
C.53	2.0		C.C	C.C	2119.40	520.00	2125.71	0.0	2126.09	85.54	41.06	0.04	7.81						
C.53	2.0		C.C	C.C	2119.40	670.00	2125.86	9.0	2126.40	93.56	58.36	0.04	8.59						
C.53	2.0		C.C	C.C	2119.40	290.00	2125.28	0.0	2125.45	73.67	20.47	0.06	6.47						
C.53	2.0		C.C	C.C	2119.40	420.00	2125.55	0.0	2125.87	84.46	30.44	0.05	7.41						
C.53	2.0		C.C	C.C	2119.40	520.00	2125.76	0.0	2126.13	90.88	38.18	0.04	7.85						
C.53	2.0		C.C	C.C	2119.40	670.00	2125.91	0.0	2126.46	97.37	51.95	0.04	8.23						
C.62	2.0		C.C	C.C	2127.90	290.00	2130.79	2130.79	2131.77	23.60	137.60	0.09	7.57						
C.62	2.0		C.C	C.C	2127.90	420.00	2131.41	2131.41	2132.51	31.24	157.07	0.07	8.81						
C.62	2.0		C.C	C.C	2127.90	520.00	2131.82	2131.82	2133.05	30.28	147.06	0.06	9.46						
C.62	2.0		C.C	C.C	2127.90	570.00	2132.31	2132.31	2133.64	42.23	137.32	0.06	10.52						
CHECK WIRELESS COMPATIBILITY FOR THIS DISTRICT																			
M 0.5/0.5																			
SECTION																			
FAS																			
CHANNEL																			
LENGTH																			
MIN EL																			
MAX EL																			
RF																			
LTP																			
CHCRC																			
GCURD																			
(CFS)																			
CWSEL																			
CRIMS																			
EG																			
TOPPID																			
10K'S																			
TIME																			
VCL																			
T.W. DIFF																			
LENGTH																			
26.095																			
41.555																			
53.318																			
159.493																			
29.094																			
42.003																			
-12.910																			
30.000																			
10.000																			

DATA FILE	TEST	UNIT	SP/FLTR	TARGET	TCP MICH	AREA-MCHS	TCP MICH	AREA-CLFF
C-420	315.000	2114.714	C-668	U-694	0.0	156.630	-121.537	36.000
C-420	720.000	2115.462	C-688	U-637	0.0	210.635	-181.541	30.000
0-420	315.000	2119.074	C-0	4.544	0.0	266.957	0.0	30.000
0-420	470.000	2118.480	C-0	4.095	0.0	283.714	-16.757	30.000
0-420	500.000	2118.535	C-130	3.171	0.0	290.053	-23.096	30.000
0-420	720.000	2118.737	C-202	3.275	0.0	300.270	-33.313	30.000
C-420	315.000	2119.074	C-0	0.003	0.0	444.281	0.0	20.000
0-420	470.000	2118.410	C-334	0.005	0.0	466.025	-21.744	20.000
0-420	500.000	2118.542	C-131	0.006	0.0	474.365	-30.084	20.000
C-420	720.000	2118.746	C-204	0.005	0.0	484.510	-40.630	20.000
0-510	250.000	2119.749	C-0	1.673	0.0	12.044	0.0	410.000
C-510	420.000	2120.361	C-811	2.150	0.0	13.508	-1.463	410.000
C-510	520.000	2121.052	C-532	2.591	0.0	14.468	-2.424	410.000
0-510	270.000	2121.831	C-735	3.075	0.0	15.800	-3.756	410.000
C-510	250.000	2121.561	C-0	1.312	0.0	14.428	0.0	30.000
C-510	420.000	2121.959	C-0	0.934	0.0	16.025	-1.556	30.000
C-510	520.000	2122.561	C-556	1.499	0.0	16.667	-2.239	30.000
C-510	270.000	2122.819	C-988	1.748	0.0	65.926	-55.458	30.000
0-520	250.000	2123.253	C-0	4.192	0.0	72.885	0.0	105.000
0-520	420.000	2123.554	C-301	3.559	0.0	83.241	-10.356	105.000
0-520	520.000	2124.715	C-161	3.124	0.0	88.541	-15.656	105.000
C-520	270.000	2125.060	C-145	2.281	0.0	93.558	-20.673	105.000
0-530	250.000	2125.278	C-0	0.025	0.0	73.670	0.0	10.000
C-530	420.000	2125.585	C-317	0.041	0.0	84.460	-10.790	10.000
C-530	520.000	2125.790	C-065	0.085	0.0	90.885	-17.215	10.000
C-530	270.000	2125.574	C-154	0.114	0.0	97.367	-23.697	10.000
0-650	250.000	2130.783	C-0	0.0	0.0	23.597	0.0	624.000
0-650	420.000	2131.710	C-625	5.816	0.0	31.238	-7.641	624.000
0-650	470.000	2131.823	C-413	6.043	0.0	36.275	-12.678	624.000
C-650	270.000	2132.311	C-488	6.336	0.0	42.228	-18.631	624.000

1 C-0 3.260 C-0  
 2 C-0 3.561 C-0  
 3 C-0 3.767 C-0  
 4 C-0 4.088 C-325

DATA FILE TEST UNIT SP/FLTR  
 PROFILE TYPE TGT TCF MICH AREA-MCHS TCP MICH AREA-CLFF

VERSION UPDATED JAN. 1976  
 HEC2  
 SPECIAL OPERATIONS UNIT  
 OPERATIONS DIVISION  
 OPERATIONS SECTION  
 OPERATIONS UNIT

LINE	ITEM	QTY	UNIT	PRICE	AMOUNT	DESCRIPTION	DATE	TIME	STATUS	REMARKS
01	10000	0.0		0.0	0.0					
02	10000	0.0		0.0	0.0					
03	10000	0.0		0.0	0.0					
04	10000	0.0		0.0	0.0					
05	10000	0.0		0.0	0.0					
06	10000	0.0		0.0	0.0					
07	10000	0.0		0.0	0.0					
08	10000	0.0		0.0	0.0					
09	10000	0.0		0.0	0.0					
10	10000	0.0		0.0	0.0					
11	10000	0.0		0.0	0.0					
12	10000	0.0		0.0	0.0					
13	10000	0.0		0.0	0.0					
14	10000	0.0		0.0	0.0					
15	10000	0.0		0.0	0.0					
16	10000	0.0		0.0	0.0					
17	10000	0.0		0.0	0.0					
18	10000	0.0		0.0	0.0					
19	10000	0.0		0.0	0.0					
20	10000	0.0		0.0	0.0					
21	10000	0.0		0.0	0.0					
22	10000	0.0		0.0	0.0					
23	10000	0.0		0.0	0.0					
24	10000	0.0		0.0	0.0					
25	10000	0.0		0.0	0.0					
26	10000	0.0		0.0	0.0					
27	10000	0.0		0.0	0.0					
28	10000	0.0		0.0	0.0					
29	10000	0.0		0.0	0.0					
30	10000	0.0		0.0	0.0					
31	10000	0.0		0.0	0.0					
32	10000	0.0		0.0	0.0					
33	10000	0.0		0.0	0.0					
34	10000	0.0		0.0	0.0					
35	10000	0.0		0.0	0.0					
36	10000	0.0		0.0	0.0					
37	10000	0.0		0.0	0.0					
38	10000	0.0		0.0	0.0					
39	10000	0.0		0.0	0.0					
40	10000	0.0		0.0	0.0					
41	10000	0.0		0.0	0.0					
42	10000	0.0		0.0	0.0					
43	10000	0.0		0.0	0.0					
44	10000	0.0		0.0	0.0					
45	10000	0.0		0.0	0.0					
46	10000	0.0		0.0	0.0					
47	10000	0.0		0.0	0.0					
48	10000	0.0		0.0	0.0					
49	10000	0.0		0.0	0.0					
50	10000	0.0		0.0	0.0					
51	10000	0.0		0.0	0.0					
52	10000	0.0		0.0	0.0					
53	10000	0.0		0.0	0.0					
54	10000	0.0		0.0	0.0					
55	10000	0.0		0.0	0.0					
56	10000	0.0		0.0	0.0					
57	10000	0.0		0.0	0.0					
58	10000	0.0		0.0	0.0					
59	10000	0.0		0.0	0.0					
60	10000	0.0		0.0	0.0					
61	10000	0.0		0.0	0.0					
62	10000	0.0		0.0	0.0					
63	10000	0.0		0.0	0.0					
64	10000	0.0		0.0	0.0					
65	10000	0.0		0.0	0.0					
66	10000	0.0		0.0	0.0					
67	10000	0.0		0.0	0.0					
68	10000	0.0		0.0	0.0					
69	10000	0.0		0.0	0.0					
70	10000	0.0		0.0	0.0					
71	10000	0.0		0.0	0.0					
72	10000	0.0		0.0	0.0					



SUMMARY PRINTOUT FOR MULTIPLE PROFILES

INGING BRANCH 11-16-76

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GPCUND	DISCHARGE (CFS)	CWSEL	TO	PERENC	TOPWID	STENCL	STENCR	WSELK
0.42	0.0	0.0	0.0	2109.20	560.00	2114.08	54.07	0.0	53.29	0.0	0.0	2114.08
0.42	0.0	0.0	0.0	2109.20	560.00	2115.08	95.27	95.00	95.00	380.00	475.00	2115.08
0.42	30.00	0.0	0.0	2109.20	560.00	2114.77	76.44	0.0	150.62	0.0	0.0	0.0
0.42	30.00	0.0	0.0	2109.20	560.00	2115.21	94.46	95.00	95.00	380.00	475.00	0.0
0.42	30.00	2117.80	2112.80	2109.20	560.00	2119.54	118.22	0.0	494.88	0.0	0.0	0.0
0.42	30.00	2117.80	2112.80	2109.20	560.00	2119.55	482.39	95.00	95.00	380.00	475.00	0.0
0.42	20.00	0.0	0.0	2109.20	560.00	2119.54	1160.09	0.0	494.64	0.0	0.0	0.0
0.42	20.00	0.0	0.0	2109.20	560.00	2119.55	525.68	95.00	95.00	380.00	475.00	0.0
0.51	410.00	0.0	0.0	2116.20	520.00	2121.10	30.59	0.0	14.47	0.0	0.0	0.0
0.51	410.00	0.0	0.0	2116.20	520.00	2121.10	30.61	37.00	14.47	180.00	217.00	0.0
0.51	30.00	0.0	0.0	2116.20	520.00	2122.59	52.83	0.0	16.67	0.0	0.0	0.0
0.51	30.00	0.0	0.0	2116.20	520.00	2122.59	52.82	37.00	16.67	180.00	217.00	0.0
0.53	105.00	2123.70	2121.90	2119.40	520.00	2126.61	130.21	0.0	108.68	0.0	0.0	0.0
0.53	105.00	2123.70	2121.90	2119.40	520.00	2126.48	107.18	35.00	35.00	135.00	170.00	0.0
0.53	10.00	0.0	0.0	2119.40	520.00	2126.63	131.42	0.0	108.84	0.0	0.0	0.0
0.53	10.00	0.0	0.0	2119.40	520.00	2126.51	103.24	35.00	35.00	135.00	170.00	0.0
0.65	624.00	0.0	0.0	2127.90	450.00	2131.82	37.17	0.0	36.31	0.0	0.0	0.0
0.65	624.00	0.0	0.0	2127.90	450.00	2131.77	36.02	34.00	27.28	184.00	219.00	0.0

  

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH O	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.420	560.000	2114.079	0.0	0.0	0.0	53.288	0.0	0.0
0.420	560.000	2115.079	1.000	0.0	0.0	94.999	-41.711	0.0
0.420	560.000	2114.774	0.0	0.695	0.0	150.616	0.0	30.000
0.420	560.000	2115.207	0.433	0.128	0.0	94.999	55.617	30.000
0.420	560.000	2119.542	0.0	4.768	0.0	494.881	0.0	30.000
0.420	560.000	2119.551	0.009	4.344	0.0	94.999	399.882	30.000
0.420	560.000	2119.542	0.0	0.0	0.0	494.638	0.0	20.000
0.420	560.000	2119.552	0.010	0.001	0.0	94.999	399.639	20.000
0.510	520.000	2121.095	0.0	1.553	0.0	14.473	0.0	410.000
0.510	520.000	2121.097	0.001	1.544	0.0	14.475	-0.002	410.000
0.510	520.000	2122.591	0.0	1.456	0.0	16.666	0.0	30.000
0.510	520.000	2122.591	-0.001	1.454	0.0	16.666	0.000	30.000
0.530	520.000	2126.606	0.0	4.015	0.0	108.684	0.0	105.000
0.530	520.000	2126.479	-0.129	3.888	0.0	34.999	73.685	105.000
0.530	520.000	2126.625	0.0	0.019	0.0	108.844	0.0	10.000
0.530	520.000	2126.509	-0.116	0.030	0.0	34.999	73.845	10.000
0.650	450.000	2131.825	0.0	5.201	0.0	36.308	0.0	624.000



HECZ VERSION UPDATED JAN 1976  
 ERRCR CORRECTIONS 01.02.03.04.05.06.07.08.09  
 IDENTIFICATIONS 52,53,54,55,56,57,58

*Fac 1 FW 4*  
 12-22-76  
*Brent Fil.*

STATION	ICHECK	PILOT	PARVS	XSECV	XSECH	FR	ALOC	IRW	CHNIM	TRACE
T1	BPREVAP NC FIA									
T2	100 YEAR									
T3	SINGING-BPAPVCH 11-16-76 SFA									
J1	ICHECK	INC	NINW	ICIP	STRT	NETFC	NVINS	0	MSL	FO
J2	NPRPF	PILOT	PARVS	XSECV	XSECH	FR	ALOC	IRW	CHNIM	TRACE
J3	1.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	15.000
MC	0.060	0.070	36.000	4.000	0.000	27.000	28.000	9.000	0.0	0.0
CT	5.000	560.000	560.000	560.000	560.000	560.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	380.000	475.000	475.000	0.0	0.0	0.0	0.0
X1	0.420	15.000	350.000	408.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	2134.800	40.000	2133.800	85.000	2125.300	98.000	400.000	2125.300	135.000	2118.100
GR	2118.100	223.000	2113.500	390.000	2111.000	397.000	400.000	2109.200	423.000	2114.500
GR	2109.200	404.500	2109.200	404.500	2111.700	407.500	700.000	2114.400	700.000	2118.800
GR	2117.000	600.000	2118.000	600.000	2118.800	700.000	0.0	2125.000	2118.700	2117.500
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S9	1.250	1.600	3.000	0.0	10.500	5.000	5.000	19.240	0.0	0.0
ET	0.0	0.0	4.100	380.000	475.000	475.000	0.0	0.0	0.0	0.0
X1	0.420	0.0	0.0	0.0	30.000	30.000	30.000	30.000	0.0	0.0
X2	0.0	0.0	1.000	2112.800	2117.800	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2115.000	2117.800	0.0
AT	12.000	40.000	2134.800	0.0	85.000	2130.000	0.0	0.0	99.000	2130.000
BT	135.000	2130.000	0.0	380.000	2130.000	0.0	0.0	380.000	2119.300	0.0
BT	2118.800	0.0	407.500	2118.700	0.0	450.000	2118.300	2118.300	475.000	2118.100
BT	0.0	475.000	2130.000	0.0	700.000	2130.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	380.000	475.000	475.000	0.0	0.0	0.0	0.0
X1	0.420	15.000	390.000	408.000	20.000	20.000	20.000	20.000	0.0	0.0
GR	2134.800	40.000	2133.800	85.000	2125.300	98.000	400.000	2125.300	135.000	2118.100
GR	2113.500	390.000	2112.600	390.000	2109.200	400.000	400.000	2109.200	400.000	2109.400
GR	2109.400	405.000	2111.500	408.000	2114.400	424.000	424.000	2114.800	500.000	2118.700
CT	0.100	0.060	0.045	0.100	0.500	0.0	0.0	0.0	0.0	0.0
GT	4.000	520.000	520.000	520.000	520.000	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	4.100	380.000	475.000	475.000	0.0	0.0	0.0	0.0
X1	0.510	11.000	190.000	207.000	410.000	410.000	410.000	410.000	0.0	0.0
GR	2136.300	60.000	2129.200	110.000	2125.400	140.000	203.000	2122.900	190.000	2116.500
GR	2116.200	197.000	2116.200	203.000	2116.400	203.000	203.000	2121.900	207.000	2124.500
ET	2136.300	413.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Summary Report for Multiple Profiles

11:44 PM 100 201-5 10

SECTION NUMBER	CASELL MIN EL	WAK EL	GRND	DISCHARGE (CCS)	CASEL	CH145	EG	TOPMID	LOK+S	TIME	VOL
0.45	0.0	0.0	0.0	2125.50	2125.92	2129.92	2131.81	8.99	310.03	0.0	0.0
0.45	0.0	0.0	0.0	2125.50	2131.23	2131.21	2133.05	10.84	350.17	0.0	0.0
0.45	0.0	0.0	0.0	2125.50	2133.09	2133.09	2133.71	135.43	97.50	0.0	0.0
0.45	0.0	0.0	0.0	2125.50	2133.55	2133.55	2134.18	180.89	135.77	0.0	0.0
0.45	0.0	0.0	0.0	2126.50	2131.09	0.0	2132.60	10.07	193.76	0.0	0.0
0.45	0.0	0.0	0.0	2126.50	2133.06	2132.22	2134.23	31.84	192.05	0.0	0.15
0.45	0.0	0.0	0.0	2126.50	2134.09	2134.09	2134.71	135.43	97.50	0.0	0.0
0.45	0.0	0.0	0.0	2126.50	2134.57	2134.57	2135.18	180.74	102.97	0.0	0.24
0.45	0.0	0.0	0.0	2126.50	2137.34	0.0	2134.04	109.45	30.91	0.0	0.08
0.45	0.0	0.0	0.0	2126.50	2134.22	0.0	2134.52	146.62	47.64	0.0	0.13
0.45	0.0	0.0	0.0	2126.50	2134.50	0.0	2134.80	177.66	50.56	0.0	0.27
0.45	0.0	0.0	0.0	2126.50	2134.75	0.0	2135.19	199.53	76.21	0.0	0.40
0.45	0.0	0.0	0.0	2126.50	2133.86	0.0	2134.03	110.30	19.65	0.0	0.11
0.45	0.0	0.0	0.0	2126.50	2134.24	0.0	2134.59	146.80	32.31	0.0	0.16
0.45	0.0	0.0	0.0	2126.50	2134.50	0.0	2134.88	176.97	36.12	0.0	0.31
0.45	0.0	0.0	0.0	2126.50	2134.75	0.0	2135.32	199.39	56.93	0.0	0.45
0.45	0.0	0.0	0.0	2139.30	2142.43	2142.43	2143.59	10.37	213.29	0.0	1.69
0.45	0.0	0.0	0.0	2139.30	2143.14	2143.14	2144.22	17.01	195.90	0.0	2.54
0.45	0.0	0.0	0.0	2139.30	2143.59	2143.59	2144.81	17.01	193.06	0.0	3.33
0.45	0.0	0.0	0.0	2139.30	2145.04	2145.04	2145.60	127.85	67.01	0.0	5.50
0.45	0.0	0.0	0.0	2153.10	2155.56	2155.56	2156.27	9.70	209.06	0.0	2.23
0.45	0.0	0.0	0.0	2153.10	2156.11	2156.11	2156.92	11.86	181.95	0.0	3.32
0.45	0.0	0.0	0.0	2153.10	2156.53	2156.52	2157.46	13.41	185.62	0.0	4.36
0.45	0.0	0.0	0.0	2153.10	2157.09	2157.09	2158.27	32.97	90.85	0.0	7.38
0.45	0.0	0.0	0.0	2157.20	2159.66	2159.66	2160.37	9.71	208.27	0.0	2.25
0.45	0.0	0.0	0.0	2157.20	2160.20	2160.20	2161.03	11.78	194.12	0.0	3.34
0.45	0.0	0.0	0.0	2157.20	2160.63	2160.63	2161.56	13.41	185.74	0.0	4.39
0.45	0.0	0.0	0.0	2157.20	2161.18	2161.18	2162.25	15.52	171.25	0.0	5.52
0.45	0.0	0.0	0.0	2157.20	2163.07	0.0	2163.69	17.00	1.49	0.0	2.28
0.45	0.0	0.0	0.0	2157.20	2165.52	0.0	2165.53	172.08	0.49	0.0	3.52
0.45	0.0	0.0	0.0	2157.20	2165.75	0.0	2165.76	175.97	0.61	0.0	4.37
0.45	0.0	0.0	0.0	2157.20	2165.98	0.0	2165.99	177.33	1.05	0.0	5.53
0.45	0.0	0.0	0.0	2157.20	2163.60	0.0	2163.69	217.65	0.58	0.0	2.27
0.45	0.0	0.0	0.0	2157.20	2165.54	0.0	2165.53	286.42	0.17	0.0	3.56
0.45	0.0	0.0	0.0	2157.20	2165.76	0.0	2165.76	301.97	0.26	0.0	4.73
0.45	0.0	0.0	0.0	2157.20	2165.99	0.0	2165.99	306.10	0.42	0.0	5.10
SECTION NUMBER	DISCHARGE	CASEL	CASEL DIFF	CASEL DIFF	CASEL-MIN EL	TOPMID	T.45 DIFF	LENGTH			
0.45	217.000	2131.589	0.0	1.766	0.0	10.071	3.3	6.000			
0.45	425.000	2131.589	0.0	1.806	0.0	10.071	-21.747	10.000			
0.45	545.000	2133.088	0.0	0.0	0.0	10.071	-21.747	10.000			
0.45	825.000	2133.584	0.0	0.0	0.0	10.071	-21.747	10.000			



PROFILE	TYPE E.C.	INSECT	TOP WIDTH ASIA-NCPS	TOP WIDTH AREA-DIFF									
0.450	257.000	2133.840	0.0	2.151	0.0	109.454	0.0	30.000					
0.450	425.000	2136.224	0.384	1.141	0.0	146.620	-37.166	30.000					
0.450	345.000	2136.496	0.271	0.407	0.0	177.456	-68.002	30.000					
0.450	313.000	2136.752	0.256	0.161	0.0	199.528	-90.074	30.000					
0.450	257.000	2137.357	0.0	0.017	0.0	110.296	0.0	10.000					
0.450	425.000	2136.237	0.380	0.013	0.0	146.802	-36.506	10.000					
0.450	345.000	2136.465	0.263	0.004	0.0	176.972	-66.676	10.000					
0.450	313.000	2136.748	0.249	-0.004	0.0	199.375	-99.080	10.000					
0.670	133.000	2142.442	0.0	8.575	0.0	10.371	0.0	1135.000					
0.670	219.000	2141.179	0.748	8.943	0.0	17.007	-6.636	1135.000					
0.670	260.000	2143.591	0.411	9.091	0.0	17.014	-6.654	1135.000					
0.670	410.000	2145.036	1.446	10.288	0.0	127.850	-117.479	1135.000					
0.900	52.000	2148.563	0.0	13.131	0.0	6.704	0.0	1185.000					
0.900	140.000	2150.114	0.552	12.935	0.0	11.955	-2.151	1185.000					
0.900	150.000	2156.528	0.416	12.938	0.0	13.411	-3.707	1185.000					
0.900	213.000	2157.602	1.073	12.566	0.0	32.893	-23.189	1185.000					
0.900	50.000	2159.664	0.0	4.101	0.0	9.712	0.0	50.000					
0.900	140.000	2160.204	0.540	4.089	0.0	11.777	-2.068	50.000					
0.900	150.000	2160.477	0.526	4.101	0.0	13.410	-3.698	50.000					
0.900	270.000	2161.181	0.552	3.979	0.0	15.522	-5.813	50.000					
0.900	50.000	2163.667	0.0	4.003	0.0	16.979	0.0	30.000					
0.900	140.000	2165.524	1.658	5.321	0.0	172.982	-154.993	30.000					
0.900	150.000	2165.752	0.228	5.123	0.0	175.076	-158.975	30.000					
0.900	270.000	2165.777	0.226	4.796	0.0	177.325	-160.325	30.000					
0.900	50.000	2163.686	0.0	0.019	0.0	217.645	0.0	10.000					
0.900	140.000	2165.528	1.642	0.004	0.0	254.415	-276.770	10.000					
0.900	150.000	2165.751	0.230	0.006	0.0	301.073	-43.428	10.000					
0.900	270.000	2165.986	0.231	0.011	0.0	306.105	-89.459	10.000					

DATA FOR LAST CROSS SECTION  
PROFILE TYPE E.C. INSECT TOP WIDTH AREA-DIFF

PROFILE	TYPE E.C.	INSECT	TOP WIDTH ASIA-NCPS	TOP WIDTH AREA-DIFF
1	0.0	0.0	2.008	0.0
2	0.0	0.0	2.773	0.765
3	0.0	0.0	3.809	1.800
4	0.0	0.0	6.352	4.343





SUMMARY PRINTOUT FOR MULTIPLE PROFILES

AM TRB FR BRD 201.5 10

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	PERENC	TOPWID	STENCL	STENCR	WSELK
0.45	0.0	0.0	0.0	2125.50	545.00	2133.09	55.24	0.0	135.51	0.0	0.0	2133.09
0.45	0.0	0.0	0.0	2125.50	545.00	2134.09	80.01	50.00	50.00	175.00	225.00	2134.09
0.45	50.00	0.0	0.0	2126.50	545.00	2134.09	55.10	0.0	135.25	0.0	0.0	0.0
0.45	50.00	0.0	0.0	2126.50	545.00	2134.22	52.98	50.00	50.00	175.00	225.00	0.0
0.45	30.00	2133.50	2131.50	2126.50	545.00	2134.5	171.01	0.0	224.71	0.0	0.0	0.0
0.45	30.00	2133.50	2131.50	2126.50	545.00	2135.32	88.74	50.00	50.00	175.00	225.00	0.0
0.45	10.00	0.0	0.0	2126.50	545.00	2135.55	189.90	0.0	224.68	0.0	0.0	0.0
0.45	10.00	0.0	0.0	2126.50	545.00	2135.32	106.41	50.00	50.00	175.00	225.00	0.0
0.67	1130.00	0.0	0.0	2139.30	280.00	2143.59	20.08	0.0	17.01	0.0	0.0	0.0
0.67	1130.00	0.0	0.0	2139.30	280.00	2143.51	20.37	30.00	17.01	290.00	320.00	0.0
0.90	1180.00	0.0	0.0	2153.10	190.00	2156.53	13.89	0.0	13.39	0.0	0.0	0.0
0.90	1180.00	0.0	0.0	2153.10	190.00	2157.40	24.62	40.00	16.73	330.00	370.00	0.0
0.90	50.00	0.0	0.0	2157.20	190.00	2160.63	13.96	0.0	13.42	0.0	0.0	0.0
0.90	50.00	0.0	0.0	2157.20	190.00	2160.62	13.87	40.00	13.38	330.00	370.00	0.0
0.90	30.00	2165.00	2160.20	2157.20	190.00	2165.25	535.15	0.0	319.81	0.0	0.0	0.0
0.90	30.00	2165.00	2160.20	2157.20	190.00	2166.60	228.78	40.00	40.00	330.00	370.00	0.0
0.90	10.00	0.0	0.0	2157.20	190.00	2165.75	534.76	0.0	319.77	0.0	0.0	0.0
0.90	10.00	0.0	0.0	2157.20	190.00	2166.60	228.07	40.00	40.00	330.00	370.00	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.450	545.000	2133.089	0.0	0.0	0.0	135.507	0.0	0.0
0.450	545.000	2134.089	1.000	0.0	0.0	49.999	85.508	0.0
0.450	545.000	2134.086	0.0	0.997	0.0	135.249	0.0	50.000
0.450	545.000	2134.224	0.138	0.134	0.0	49.999	85.250	50.000
0.450	545.000	2135.552	0.0	1.466	0.0	224.711	0.0	30.000
0.450	545.000	2135.322	-0.229	1.099	0.0	49.999	174.712	30.000
0.450	545.000	2135.550	0.0	-0.002	0.0	224.685	0.0	10.000
0.450	545.000	2135.325	-0.225	0.003	0.0	49.999	174.686	10.000
0.670	280.000	2143.587	0.0	8.038	0.0	17.014	0.0	1135.000
0.670	280.000	2143.611	0.024	8.286	0.0	17.015	-0.000	1135.000
0.900	190.000	2156.530	0.0	12.943	0.0	13.392	0.0	1185.000
0.900	190.000	2157.402	0.872	13.791	0.0	16.733	-3.342	1195.000
0.900	190.000	2160.631	0.0	4.101	0.0	13.416	0.0	50.000
0.900	190.000	2160.622	-0.009	3.221	0.0	13.384	0.032	50.000
0.900	190.000	2166.613	0.0	5.982	0.0	319.814	0.0	30.000
0.900	190.000	2166.596	-0.017	5.974	0.0	39.999	279.815	30.000
0.900	190.000	2166.613	0.0	0.0	0.0	319.777	0.0	10.000

0.900 190.000 2166.597 -0.016 0.001 0.3 39.999 279.773 10.000

DATA FOR LAST CROSS SECTION  
PROFILE TYPE ENC TARGET TOP WIDTH TOP WIDTH  
AREA-ACRES AREA-DIFF

PROFILE	TYPE	ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1		0.0	0.0	4.528	0.0
2		1.000	40.000	1.473	-3.054

Weir Flow

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HEC2 RELEASE DATED NOV 76 UPDATED AUG5:27  
ERROR CORR 01,02  
MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

.51 TO .53 100-YR FLOOD

SUMMARY PRINTOUT TABLE 150

	SECNO	XLCH.	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS
*	0.510	0.	0.0	0.0	2123.2	486.0	2124.86	2124.86
*	0.510	0.	0.0	0.0	2123.2	486.0	2125.21	2125.21
	<del>0.530</del>	100.	0.0	0.0	<del>2123.6</del>	486.0	2126.66	0.0
	0.530	100.	0.0	0.0	2123.6	486.0	2127.67	0.0

0.51 TO.53 100-YR FLOOD

SUMMARY PRINTOUT TABLE 150

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	0.510	486.	2124.9	0.0	0.0	0.9	119.38	0.0
*	0.510	486.	2125.2	0.3	0.0	0.3	37.00	0.0
	<del>0.530</del>	<del>486.</del>	<del>2126.7</del>	<del>0.0</del>	<del>1.8</del>	<del>0.0</del>	<del>109.48</del>	<del>100.00</del>
	<del>0.530</del>	<del>486.</del>	<del>2127.7</del>	<del>1.0</del>	<del>2.5</del>	<del>1.0</del>	<del>35.00</del>	<del>100.00</del>

SUMMARY OF ERRORS

CAUTION SECNO= 0.510 PROFILE= 1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 0.510 PROFILE= 2 CRITICAL DEPTH ASSUMED

