DRY CREEK 10-1-76 SPA

SECTION NUMBER	CHANNEL LENGTH	VTH EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRIWS	EG	TOPWID	10K*S	TIME	VOL
0.0	0.0	0.0	0.0	0.0	600.00	2146.36	0.0	2146.75	171.94	97.91	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1000.00	2147.16	0.0	2147.61	147.75	95.22	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1300.00	2147.59	0.0	2148.08	151.62	98.01	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1900.00	2148.54	0.0	2149.00	159.01	82.49	0.0	0.0
0.13	320.00	0.0	0.0	2146.70	570.00	2152.22	0.0	2152.66	184.98	54.36	0.05	3.24
0.13	320.00	0.0	0.0	2146.70	920.00	2152.90	0.0	2153.29	202.47	51.47	0.05	5.53
0.13	320.00	0.0	0.0	2146.70	1180.00	2153.32	0.0	2153.68	213.18	49.81	0.05	6.95
0.13	320.00	0.0	0.0	2146.70	1900.00	2153.99	0.0	2154.39	222.50	52.96	0.0	9.70
0.13	30.00	0.0	0.0	2146.70	570.00	2152.55	0.0	2152.91	195.93	33.01	0.05	3.39
0.13	30.00	0.0	0.0	2146.70	920.00	2153.16	0.0	2153.43	207.19	36.46	0.05	5.77
0.13	30.00	0.0	0.0	2146.70	1180.00	2153.54	0.0	2153.82	214.24	37.38	0.06	7.25
0.13	30.00	0.0	0.0	2146.70	1800.00	2154.22	0.0	2154.54	225.73	41.78	0.06	10.09
0.13	30.00	2150.90	0.0	2146.70	570.00	2152.54	0.0	2152.91	195.94	33.41	0.05	3.56
0.13	30.00	2150.80	0.0	2146.70	920.00	2153.15	0.0	2153.43	207.19	37.27	0.05	6.03
0.13	30.00	2150.80	0.0	2146.70	1180.00	2153.53	0.0	2153.82	214.17	38.53	0.06	7.56
0.12	30.00	2150.80	0.0	2146.70	1800.00	2154.25	0.0	2154.58	227.42	41.54	0.06	10.51
0.13	10.00	0.0	0.0	2146.70	570.00	2152.59	0.0	2152.84	195.55	31.81	0.05	3.51
0.13	10.00	0.0	0.0	2146.70	920.00	2153.21	0.0	2153.47	207.87	35.55	0.06	6.11
0.13	10.00	0.0	0.0	2146.70	1180.00	2153.58	0.0	2153.86	214.97	36.46	0.06	7.66
0.13	10.00	0.0	0.0	2146.70	1800.00	2154.25	0.0	2154.58	227.42	41.54	0.06	10.65
0.24	30.00	0.0	0.0	2151.70	560.00	2157.53	0.0	2158.43	83.23	98.61	0.07	5.68
0.24	30.00	0.0	0.0	2151.70	910.00	2158.38	0.0	2159.24	130.90	90.75	0.08	8.42
0.24	30.00	0.0	0.0	2151.70	1170.00	2158.74	0.0	2159.66	146.55	95.92	0.08	11.74
0.24	510.00	0.0	0.0	2146.70	1800.00	2159.46	0.0	2160.40	165.07	97.05	0.08	15.76
0.24	30.00	0.0	0.0	2151.70	560.00	2158.29	0.0	2158.66	122.19	38.36	0.07	5.78
0.24	30.00	0.0	0.0	2151.70	910.00	2159.10	0.0	2159.45	158.48	38.19	0.08	8.59
0.24	30.00	0.0	0.0	2151.70	1170.00	2159.50	0.0	2159.89	165.85	40.44	0.08	11.04
0.24	30.00	0.0	0.0	2151.70	1800.00	2160.16	0.0	2160.64	177.97	48.66	0.08	16.54
0.24	30.00	2156.80	0.0	2151.70	560.00	2158.30	0.0	2158.66	124.11	37.65	0.07	5.90
0.24	30.00	2155.90	0.0	2151.70	910.00	2159.11	0.0	2159.45	158.79	37.47	0.08	8.79
0.24	30.00	2156.30	0.0	2151.70	1170.00	2159.51	0.0	2159.89	165.15	39.73	0.08	12.19
0.24	10.00	2156.80	0.0	2151.70	1800.00	2160.17	0.0	2160.54	173.16	47.06	0.08	16.97
0.34	700.00	0.0	0.0	2151.70	550.00	2158.29	0.0	2155.75	122.42	44.63	0.03	5.94
0.74	700.00	0.0	0.0	2160.10	900.00	2159.06	0.0	2159.57	157.83	51.12	0.09	9.35
0.74	10.00	0.0	0.0	2160.10	1170.00	2159.45	0.0	2160.04	166.37	57.26	0.08	12.27
0.24	10.00	0.0	0.0	2160.10	1780.00	2160.07	0.0	2160.86	176.38	73.57	0.09	16.97

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.d. DIFF	LENGTH
0.0	600.000	2145.379	0.0	0.0	0.0	121.036	0.0	0.0
0.30	1900.000	2159.150	0.430	0.0	0.0	177.767	-20.911	0.0

			TARGET	TOP WIDTH AREA-ACCUM	TOP WIDTH AREA-DIFF				
0.0	1300.000	2147.599							
0.0	1300.000	2148.534	0.430	0.0	0.0	151.623	-20.687	0.0	
0.0	1300.000	2148.534	0.950	0.0	0.0	158.010	-36.074	0.0	
0.130	570.000	2152.225	0.0	0.0	0.0	184.983	0.0	820.000	
0.130	920.000	2152.905	0.680	0.746	0.0	202.468	-17.485	820.000	
0.130	1180.000	2153.323	0.418	5.734	0.0	210.176	-25.193	820.000	
0.130	1800.000	2153.994	0.571	5.455	0.0	222.500	-37.517	820.000	
0.130	570.000	2152.540	0.0	5.886	0.0	195.931	30.000		
0.130	920.000	2153.162	0.614	0.258	0.0	207.195	-11.264	30.000	
0.130	1180.000	2153.544	0.382	0.221	0.0	214.238	-18.307	30.000	
0.130	1800.000	2154.222	0.678	0.228	0.0	226.733	-30.802	30.000	
0.130	570.000	2152.544	0.0	0.324	0.0	195.940	0.0	30.000	
0.130	920.000	2153.154	0.610	0.009	0.0	207.191	-11.251	30.000	
0.130	1180.000	2153.533	0.379	-0.011	0.0	214.168	-18.229	30.000	
0.130	1800.000	2154.208	0.675	-0.014	0.0	226.636	-30.697	30.000	
0.130	570.000	2152.591	0.0	0.047	0.0	196.552	10.000		
0.130	720.000	2153.206	0.614	0.051	0.0	207.871	-11.319	10.000	
0.130	1160.000	2153.584	0.370	0.051	0.0	214.868	-18.316	10.000	
0.130	1800.000	2154.265	0.681	0.057	0.0	227.421	-30.989	10.000	
0.240	560.000	2157.527	0.0	0.926	0.0	83.226	510.000		
0.240	910.000	2153.370	0.853	5.174	0.0	130.979	-47.754	510.000	
0.240	1170.000	2158.741	0.364	5.159	0.0	146.549	-63.323	510.000	
0.240	1780.000	2159.457	0.714	5.193	0.0	165.070	-81.945	510.000	
0.240	560.000	2158.291	0.0	0.764	0.0	122.195	0.0	30.000	
0.240	910.000	2159.000	0.808	0.720	0.0	158.477	-36.292	30.000	
0.240	1170.000	2159.500	0.401	0.758	0.0	165.849	-63.664	30.000	
0.240	1780.000	2160.162	0.662	0.705	0.0	177.873	-55.698	30.000	
0.240	560.000	2159.300	0.0	0.009	0.0	124.110	30.000		
0.240	910.000	2159.105	0.806	0.007	0.0	158.779	-34.669	30.000	
0.240	1170.000	2159.507	0.401	0.007	0.0	164.153	-42.042	30.000	
0.240	1780.000	2160.169	0.662	0.007	0.0	178.156	-54.046	30.000	
0.240	560.000	2158.291	0.0	-0.007	0.0	122.398	0.0	30.000	
0.240	910.000	2159.103	0.769	-0.044	0.0	157.430	-35.432	30.000	
0.240	1170.000	2159.446	0.393	-0.062	0.0	164.873	-42.475	30.000	
0.240	1780.000	2160.071	0.626	-0.098	0.0	175.377	-53.979	30.000	
0.390	560.000	2164.591	0.0	6.400	0.0	25.177	0.0	700.000	
0.390	910.000	2165.903	1.290	6.921	0.0	29.664	-4.487	700.000	
0.390	1150.000	2166.792	0.809	7.367	0.0	32.477	-7.300	700.000	
0.390	1750.000	2169.536	1.792	8.513	0.0	41.020	-15.843	700.000	

PROFILE	TYPE END	TARGET	TOP WIDTH AREA-ACCUM	TOP WIDTH AREA-DIFF
1	0.0	0.0	5.207	0.0
2	0.0	0.0	7.363	1.156
3	0.0	0.0	7.713	1.532
4	0.0	0.0	8.270	7.063

HEC2
EROR CORRECTIONS C1,02,03,04,05,C6,07,08,09
FICATIONS 52,53,54,55,56,57,58

T1	BEAVER JC ETA										5
T2	10 YEAR										10
T3	GRANT CREEK 10-1070 SFA										15

J1	ICHECK	INQ	IN2	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.0		0.0	0.0	0.	2146.340	0.3	20

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IWM	CHNIM	ITRACE	
	1.000	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.000	

XEN	0.249	0.0	0.0	0.0	30.000	30.000	32.500	0.0	0.0
	0.0	1.000	3.000	1.480			1.490		
X1	0.0	0.0	0.0	30.000	30.000	70.000	0.0	0.0	215
X2	0.0	15.000	55.000	2156.500	2155.800	0.0	0.0	0.0	210
X3	15.000	2172.000	2161.300	2162.300	135.000	245.000	0.0	0.0	225
B1	120.000	126.000	0.0	0.0	2159.000	2156.800	0.0	230
B1	2159.400	167.000	200.000	2157.100	159.000	0.0	235
BT	0.0	2158.200	2156.500	2155.800	244.000	0.0	240
BT	270.000	250.000	250.000	265.000	2157.000	0.0	245
BC	2157.500	335.000	2162.000	350.000	2171.600	0.0	250
	0.100	0.100	0.100	0.0	0.0	
Y1	0.240	0.0	0.0	10.000	10.000	0.0	0.0	255
YC	0.100	0.100	0.500	0.0	0.0	260
SY	550.000	900.000	1150.000	1750.000	0.0	0.0	265
X1	0.393	341.000	700.000	700.000	0.0	0.0	270
X3	10.000	0.0	0.0	0.0	0.0	0.0	275
SX	0.0	50.000	87.000	125.000	2163.400	128.000	280
SC	30.000	131.000	134.000	150.000	2164.800	250.000	285
SX	2151.700	2173.600	2165.900	2165.200	2164.700	250.000	295
GS	30.000	2164.400	2164.600	2164.700	2169.700	350.000	295
GS	2163.100	2165.000	2169.100	372.000	2160.300	389.000	290
CP	2165.700	2161.500	2161.000	2160.100	2173.900	100
FJ	2164.300	2164.000	2170.400	410.000	2186.700	425.000	305
	361.000	385.000	395.000	0.0	0.0	
	0.0	0.0	0.0	

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

GRAHAM CREEK 13-12-70 SF

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF PRIMARY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	PERENC	TOPWID	STENCL	STENCR	WSELK
0.0		0.0	0.0	2140.90	1300.00	2147.59	131.31	0.0	151.62	0.0	0.0	2147.59
0.0		0.0	0.0	2140.90	1300.00	2148.17	124.22	60.00	60.00	270.00	330.00	2148.17
0.13		0.0	0.0	2146.70	1180.00	2153.32	168.89	0.0	210.18	0.0	0.0	0.0
0.13		0.0	0.0	2146.70	1180.00	2154.12	175.67	80.00	80.00	345.00	425.00	0.0
0.13		0.0	0.0	2146.70	1160.00	2153.54	193.00	0.0	214.24	0.0	0.0	0.0
0.13		0.0	0.0	2146.70	1180.00	2154.30	108.24	80.00	80.00	345.00	425.00	0.0
0.13		2151.40	2150.80	2146.70	1180.00	2154.23	275.39	0.0	226.89	0.0	0.0	0.0
0.13		2151.40	2150.80	2146.70	1180.00	2154.45	197.61	80.00	80.00	345.00	425.00	0.0
0.13		0.0	0.0	2146.70	1180.00	2154.25	279.19	0.0	227.41	0.0	0.0	0.0
0.13		0.0	0.0	2146.70	1180.00	2154.49	200.25	80.00	80.00	345.00	425.00	0.0
0.24		0.0	0.0	2151.70	1170.00	2158.85	127.69	0.0	150.94	0.0	0.0	0.0
0.24		0.0	0.0	2151.70	1170.00	2158.98	103.07	45.00	45.00	230.00	275.00	0.0
0.24		0.0	0.0	2151.70	1170.00	2159.46	179.47	0.0	165.00	0.0	0.0	0.3
0.24		0.0	0.0	2151.70	1170.00	2160.03	148.61	45.00	45.00	230.00	275.00	0.3
0.24		2156.50	2155.80	2151.70	1170.00	2160.57	307.22	0.0	185.47	0.0	0.0	0.0
0.24		2156.50	2155.80	2151.70	1170.00	2160.09	153.03	45.00	45.00	230.00	275.00	0.0
0.24		0.0	0.0	2151.70	1170.00	2160.54	252.56	0.0	184.99	0.0	0.0	0.0
0.24		0.0	0.0	2151.70	1170.00	2160.05	140.12	45.00	45.00	230.00	275.00	0.0
0.38		0.0	0.0	2160.10	1150.00	2166.03	51.02	0.0	29.72	0.0	0.0	0.0
0.38		0.0	0.0	2160.10	1150.00	2167.62	86.26	35.00	34.70	355.00	399.00	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.0	1300.000	2147.589	0.0	0.0	0.0	151.623	0.0	0.0
0.0	1300.000	2148.169	0.580	0.0	0.0	59.999	91.624	0.0
0.130	1160.000	2153.323	0.0	5.734	0.0	210.176	0.0	820.000
0.130	1160.000	2154.116	0.793	5.947	0.0	79.999	130.177	820.000
0.130	1160.000	2153.544	0.0	0.221	0.0	214.238	0.0	30.000
0.130	1160.000	2154.300	0.756	0.184	0.0	79.999	134.239	30.000
0.130	1180.000	2154.230	0.0	0.686	0.0	226.895	0.0	30.000
0.130	1180.000	2154.449	0.219	0.149	0.0	79.999	146.896	30.000
0.130	1180.000	2154.252	0.0	0.022	0.0	227.409	0.0	10.000
0.130	1180.000	2154.494	0.242	0.044	0.0	79.999	147.410	10.000
0.240	1170.000	2158.854	0.0	4.603	0.0	150.939	0.0	510.000
0.240	1170.000	2158.979	0.125	4.486	0.0	44.999	105.940	510.000
0.240	1170.000	2159.460	0.0	0.606	0.0	164.997	0.0	30.000
0.240	1170.000	2160.005	0.544	1.026	0.0	44.999	119.998	30.000
0.240	1170.000	2160.567	0.0	1.107	0.0	185.466	0.0	30.000

0.240	.170.000	2160.091	-0.417	0.086	0.0	44.999	140.467	30.000
0.240	.170.000	2160.542	0.0	-0.025	0.0	184.991	0.0	10.000
0.240	.170.000	2160.054	-0.488	-0.036	0.0	44.999	139.992	10.000
0.380	.150.000	2165.998	0.0	5.456	0.0	29.724	0.0	700.000
0.380	.150.000	2167.618	1.620	7.564	0.0	34.705	-4.981	700.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	7.968	0.0
2	1.000	35.000	2.891	-5.077

```
*****************
HEC2   VERSION UPDATED JAN 1976
PROP CORRECTIONS 31,32,03,04,05,06,07,08,09
MODIFICATIONS 53,53,54,55,56,57,58
*****************

T1   BREVARD NC FIA
T2   100 YEAR
T2   GRAHAM CREEK 10-12-76 SFA
```

Card	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ		seq
J1 ICHECK I=	0.	2.	0.0	0.0	0.0	0.	2147.590	0.0		20

Card	IPLOT	PFFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE	seq
J2 .PROF	1.000	0.0	-1.000	0.0	0.0	0.0	0.0	15.000	0.030	5 10 15

Card										seq
J3	34.000	36.000	4.000	27.000	28.000	9.000	0.0	0.0	0.0	30
VC	1.000	0.103	0.060	0.100	0.500	0.500	0.0	0.0		
QT	4.000	1300.000	1300.000	1300.000						
ET	0.0		4.100	330.000	0.0	0.0				
X1	0.0	253.000	320.000	0.0	0.0	0.0	0.0	0.0	0.0	40 45
GR	2170.600	2154.400	81.000	111.000	2150.400	2152.900		2152.900		50
GR	2153.000	178.000	178.000	223.000	2145.700	2141.600		2141.600		55
GR	2140.900	505.000	310.000	320.000	2151.000	2170.000		2170.000		60
VC	0.080	0.040	0.100	0.500	0.0	0.0	0.0	0.0		
QT	4.000	1180.000	1180.000	1180.000	0.0	0.0		0.0		
ET	0.0	4.100	345.000	425.000	0.0	0.0	0.0	0.0	0.0	0
X1	0.130	17.000	416.000	820.000	148.300	150.300	150.300	164.030		70 75
GR	2157.800	19.000	100.000	148.300	2155.400	2155.700	401.000	401.000		80
GR	2155.800	191.000	250.000	300.000	2151.700	2150.400	450.000			85
GR	2146.700	401.000	413.000	416.000	2152.000	2157.800	370.000			90
GR	2164.800	485.000	490.000	0.0	0.0	0.0	0.0			95
ET	0.0	4.100	345.000	425.000	0.0	0.0	0.0	0.0	0.0	0
X1	0.130	0.0	0.0	30.000	30.000	30.000	0.0	0.0		100
X3	10.000	0.0	11.000	0.500	38.500	0.0	2147.300	0.0		105
SA	0.0	2.700	0.100	0.0	0.0	2150.900	2151.500	0.0		110
VC	0.080	0.0	0.040	0.500	0.0	0.0	0.0	0.0		115
ET	0.0	4.100	345.000	425.000	0.0	0.0	0.0	0.0	0.0	0
X1	0.130	15.000	320.000	30.000	30.000	154.000	154.000	310.000		120
X2	0.0	27.000	81.000	111.000	293.000	2141.600	300.000	300.000		125
X1	0.130	505.000	310.000	320.000	2151.000	2170.000	2170.000	0.0		
BT	17.000	280.000	2200.000	250.000	0.0	0.0	0.0	0.0		
BT	273.000	0.0	2200.000	2200.000	300.000	2200.000	2200.000			
BT	2200.000	320.000	2151.600	330.000	2200.000	0.0	0.0			
BT	416.000	345.000	400.000	413.000	2151.300	413.000	345.000			
BT	2200.000	152.000	2151.800	2200.000	2200.000	2151.700	2151.700			
ET	0.0	4.100	345.000	425.000	0.0	0.0	0.0	440.000	0.0	0
X1	0.130	0.0	0.0	10.000	10.000	0.0	0.0	0.0		160
VC	0.070	0.040	0.100	0.500	0.0	0.0	0.0	0.0		165
X1	4.000	1170.000	1170.000	1170.000	0.0	0.0	0.0	0.0		0
	0.0	3.0	4.100	275.000						0

X1	0.240	22.000	250.000	510.000	0.0	0.0	0.0	175
3R	2172.300	32.330	265.000	70.000	120.000	126.000	0.0	180
3R	32.330	55.000	2169.300	2161.400	126.300	126.000	0.0	185
GR	2159.000	135.000	2158.400	167.000	200.000	245.000	0.0	190
SR	2156.500	250.000	2158.200	2152.700	2156.800	258.000	0.0	195
SR	2152.400	263.000	2153.000	255.000	255.000	270.000	0.0	200
SR	2162.000	335.330	2171.600	264.000	265.000	0.0	0.0	0
ET	0.0	0.0	350.000	0.0	0.0	0.0		
X1	0.240	0.0	230.000	30.000	0.0	0.0	0.0	205
SB	0.0	1.530	0.0	32.500	1.490	0.0	210	
ET	0.0	4.100	230.000	275.000	0.0	0.0	0	
X1	0.240	0.0	30.000	30.000	0.0	0.0	0.0	215
X2	0.0	1.000	2156.500	0.0	0.0	0.0	220	
BT	14.300	35.330	2200.000	150.000	175.000	230.000	0	
BT	200.000	2200.000	2200.000	2200.000	2200.000	0.0	0	
BT	2200.300	0.3	210.000	0.0	250.000	2156.500	0	
BT	0.0	205.000	2156.900	275.000	0.0	0.0	0	
VC	350.000	2200.000	0.0	2158.300	2200.000	0.0	0	
ET	0.100	0.100	0.100	0.0	0.0	0.0	250	
X1	0.0	0.0	4.100	230.000	275.000	0.0	0.0	0
VC	0.240	0.0	10.000	10.000	0.0	0.0	255	
VC	0.100	0.100	0.500	0.0	0.0	0.0	260	
ET	4.000	1150.000	1150.000	1150.000	0.0	0.0	0	
	0.0	4.100	355.000	390.000	0.0	0.0		
X1	0.350	29.000	341.000	740.000	700.000	0.0	0.0	270
X3	10.000	0.0	0.0	0.0	0.0	0.0	275	
GR	2181.700	30.000	2173.600	2165.900	2165.200	2163.600	128.000	280
GR	2163.100	131.000	50.000	87.000	125.000	2164.800	250.000	285
SR	2165.700	134.000	134.000	136.000	150.000	2168.700	350.000	290
SR	2164.330	335.000	335.000	341.000	345.000	2161.300	380.000	295
SR	2163.700	391.000	367.000	367.000	372.000	2160.300	300.000	300
EJ	0.0	0.0	385.000	395.000	410.000	2186.700	425.000	305