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**************************
HEC2      VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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Brushy Final 10, 50, 100, 500 yr f.

T1	BREVARD NC FIA										5
T2	10 YR										10
T3	BRUSHY CREEK 10-5-76 SFA										15
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	2.	0.	0.	0.0	0.0	0.0	0.	2196.590	0.0	20
NC	0.070	0.140	0.060	0.100	0.500	0.0	0.0	0.0	0.0	0.0	25
QT	4.000	270.000	450.000	580.000	870.000	0.0	0.0	0.0	0.0	0.0	30
X1	0.040	13.000	398.000	402.000	0.0	0.0	0.0	0.0	0.0	0.0	35
GR	2215.000	0.0	2206.400	100.000	2203.000	195.000	2201.400	300.000	2200.000	320.000	40
GR	2195.000	390.000	2194.200	398.000	2193.600	398.000	2193.300	400.000	2193.400	402.000	45
GR	2197.000	402.000	2204.200	455.000	2210.700	500.000	0.0	0.0	0.0	0.0	50
SB	0.0	1.600	3.000	0.0	3.930	0.0	19.630	0.0	0.0	0.0	65
X1	0.040	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	70
X2	0.0	0.0	1.000	2198.300	2200.000	0.0	0.0	0.0	0.0	0.0	75
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2200.000	2201.000	0.0	80
BT	7.000	300.000	2201.400	0.0	320.000	2200.000	0.0	398.000	2200.300	0.0	81
BT	398.000	2200.300	2198.300	402.000	2200.300	2198.300	402.000	2200.300	0.0	455.000	82
BT	2204.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
X1	0.040	13.000	398.000	402.000	10.000	10.000	10.000	0.0	0.0	0.0	0
GR	2215.000	0.0	2206.400	100.000	2203.000	195.000	2201.400	300.000	2200.000	320.000	40
GR	2195.000	390.000	2194.200	398.000	2193.600	398.000	2193.300	400.000	2193.400	402.000	45
GR	2197.000	402.000	2204.200	455.000	2210.700	500.000	0.0	0.0	0.0	0.0	50
NC	0.070	0.080	0.035	0.100	0.500	0.0	0.0	0.0	0.0	0.0	90
QT	4.000	270.000	445.000	570.000	860.000	0.0	0.0	0.0	0.0	0.0	95
X1	0.110	14.000	400.000	410.000	370.000	370.000	370.000	0.0	-7.900	0.0	0
GR	2220.800	46.000	2218.000	55.000	2213.300	60.000	2212.600	100.000	2211.400	200.000	105
GR	2211.300	300.000	2212.500	400.000	2207.900	405.000	2207.200	405.000	2207.200	410.000	110
GR	2207.900	410.000	2208.000	417.000	2214.200	423.000	2220.800	440.000	0.0	0.0	115
X1	0.140	0.0	0.0	0.0	160.000	160.000	160.000	0.0	7.900	0.0	100
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

RUSHY CREEK 10-5-76 SFA

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	CRIWS	EG	TOPWID	10K*S	TIME	VOL
0.04	0.0	0.0	0.0	2193.30	270.00	2196.59	0.0	2197.15	34.26	436.08	0.0	0.0
0.04	0.0	0.0	0.0	2193.30	450.00	2197.20	0.0	2197.87	44.27	432.18	0.0	0.0
0.04	0.0	0.0	0.0	2193.30	580.00	2197.59	0.0	2198.29	52.60	398.41	0.0	0.0
0.04	0.0	0.0	0.0	2193.30	870.00	2198.24	0.0	2199.03	66.49	374.08	0.0	0.0
0.04	30.00	2200.00	2198.30	2193.30	270.00	2200.37	0.0	2200.38	87.38	4.09	0.01	0.11
0.04	30.00	2200.00	2198.30	2193.30	450.00	2200.96	0.0	2200.99	95.75	6.75	0.01	0.14
0.04	30.00	2200.00	2198.30	2193.30	580.00	2201.26	0.0	2201.29	131.30	7.85	0.01	0.18
0.04	30.00	2200.00	2198.30	2193.30	870.00	2201.76	0.0	2201.82	160.61	11.35	0.00	0.22
0.04	10.00	0.0	0.0	2193.30	270.00	2200.37	0.0	2200.39	112.21	3.74	0.01	0.18
0.04	10.00	0.0	0.0	2193.30	450.00	2200.97	0.0	2201.00	125.16	6.00	0.01	0.22
0.04	10.00	0.0	0.0	2193.30	580.00	2201.26	0.0	2201.30	131.46	7.80	0.01	0.28
0.04	10.00	0.0	0.0	2193.30	870.00	2201.77	0.0	2201.83	161.53	11.73	0.01	0.33
0.11	370.00	0.0	0.0	2199.30	270.00	2202.42	2202.42	2203.51	16.88	222.44	0.02	1.69
0.11	370.00	0.0	0.0	2199.30	445.00	2204.04	2204.04	2204.46	218.41	71.33	0.03	2.54
0.11	370.00	0.0	0.0	2199.30	570.00	2204.28	2204.28	2204.66	258.81	70.91	0.03	2.99
0.11	370.00	0.0	0.0	2199.30	860.00	2204.57	2204.57	2205.00	307.96	88.29	0.03	3.71
0.14	160.00	0.0	0.0	2207.20	270.00	2210.32	2210.32	2211.41	16.88	223.40	0.03	1.83
0.14	160.00	0.0	0.0	2207.20	445.00	2211.22	2211.22	2212.63	18.72	224.21	0.04	2.92
0.14	160.00	0.0	0.0	2207.20	570.00	2211.79	2211.79	2213.37	19.89	218.65	0.04	3.50
0.14	160.00	0.0	0.0	2207.20	860.00	2212.72	2212.72	2212.96	328.30	51.90	0.04	4.94

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.040	270.000	2196.589	0.0	0.0	0.0	34.253	0.0	0.0
0.040	450.000	2197.199	0.610	0.0	0.0	44.271	-10.013	0.0
0.040	580.000	2197.589	0.390	0.0	0.0	52.600	-18.342	0.0
0.040	870.000	2198.239	0.650	0.0	0.0	66.489	-32.230	0.0
0.040	270.000	2200.369	0.0	3.779	0.0	87.381	0.0	30.000
0.040	450.000	2200.962	0.593	3.763	0.0	95.752	-8.371	30.000
0.040	580.000	2201.257	0.295	3.668	0.0	131.301	-43.919	30.000
0.040	870.000	2201.759	0.502	3.519	0.0	160.607	-73.226	30.000
0.040	270.000	2200.374	0.0	0.006	0.0	112.208	0.0	10.000
0.040	450.000	2200.973	0.599	0.011	0.0	125.163	-12.955	10.000
0.040	580.000	2201.264	0.291	0.007	0.0	131.463	-19.254	10.000
0.040	870.000	2201.771	0.506	0.012	0.0	161.526	-49.318	10.000
0.110	270.000	2202.423	0.0	2.049	0.0	16.854	0.0	370.000
0.110	445.000	2204.039	1.616	3.066	0.0	218.410	-201.527	370.000
0.110	570.000	2204.278	0.239	3.014	0.0	258.813	-241.929	370.000
0.110	860.000	2204.569	0.291	2.798	0.0	307.865	-290.981	370.000
0.140	270.000	2210.320	0.0	7.897	0.0	16.876	0.0	160.000
0.140	445.000	2211.219	0.899	7.181	0.0	18.725	-1.848	160.000
0.140	570.000	2211.785	0.566	7.508	0.0	19.888	-3.012	160.000
0.140	860.000	2212.717	0.931	8.148	0.0	328.304	-311.427	160.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH	TOP WIDTH

AREA-ACRES AREA-DIFF

1	0.0	0.0	0.675	0.0
2	0.0	0.0	1.968	1.293
3	0.0	0.0	2.263	1.588
4	0.0	0.0	3.277	2.602

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HEC2      VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      BREVARD NC FIA                                                                                  205
T2      APPROX 100 YEAR                                                                                   0
T3      BRUSHY CREEK 10-5-76 SFA                                                                          0

J1  ICHECK    INQ     NINV    IDIR     STRT    METRIC   HVINS     Q      WSEL      FQ

      0.       0.      0.      0.  0.037900    0.0      0.0     560.  2244.000   0.0                     220

NC    0.100    0.110   0.050   0.100           0.500    0.0     0.0     0.0      0.0      0.0            225

X1    0.260   11.000 192.000 211.000           0.0      0.0     0.0     0.0      0.0      0.0            230
GR 2246.300  118.000 2245.100 173.000 2241.700 192.000 2238.200 200.000 2238.000 200.000                 235
GR 2237.900  202.000 2238.000 205.000 2238.200 205.000 2241.000 211.000 2242.500 221.000                 240
GR 2247.800  240.000    0.0     0.0      0.0      0.0     0.0     0.0      0.0      0.0                 245
EJ    0.0      0.0     0.0     0.0      0.0      0.0     0.0     0.0      0.0      0.0                 250
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HEC2      VERSION UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MODIFICATIONS 52,53,54,55,56,57,58
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T1      BREVARD NC FIA                                                                                    255
T2      APPROX 100 YEAR                                                                                     0
T3      BRUSHY CREEK 10-5-76 SFA                                                                            0

J1   ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ

       0.       0.       0.       0.  0.028000     0.0      0.0     550.  2275.000    0.0                   270

NC     0.080    0.120    0.045    0.100    0.500    0.0      0.0      0.0      0.0      0.0                275

X1     0.410   12.000  300.000  397.000    0.0      0.0      0.0      0.0    -12.900    0.0                280
GR  2285.000   37.000 2281.800   40.000 2281.400  100.000 2280.000  190.000 2277.400  195.000              285
GR  2277.200  200.000 2273.500  300.000 2273.500  380.000 2274.600  386.000 2277.500  397.000              290
GR  2283.100  414.000 2285.000  450.000    0.0      0.0      0.0      0.0      0.0      0.0                291
SB     0.0      1.600    2.700    0.0      6.280    0.0     12.560    0.0   2275.800 2276.800              300

X1     0.410    0.0      0.0      0.0     30.000   30.000   30.000    0.0     12.900    0.0                305
X2     0.0      0.0      1.000 2278.800 2280.600    0.0      0.0      0.0      0.0      0.0                310
BT    11.000   37.000 2285.000    0.0     40.000 2281.800    0.0    100.000 2281.400    0.0                315
BT   200.000 2280.600    0.0    300.000 2280.600    0.0    380.000 2281.000    0.0    380.000              320
BT  2281.000 2278.800  386.000 2281.200 2278.800  386.000 2281.200    0.0    397.000 2281.700              0
BT     0.0    414.000 2283.100    0.0      0.0      0.0      0.0      0.0      0.0      0.0                0

X1     0.410    0.0      0.0      0.0     30.000   30.000   30.000    0.0      0.0      0.0                330
EJ     0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0                335
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SUMMARY PRINTOUT FOR MULTIPLE PROFILES

USHY CREEK 10-20-76 SF

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
0.04	0.0	0.0	0.0	2193.30	580.00	2197.59	29.06	0.0	52.60	0.0	0.0	2197.59
0.04	0.0	0.0	0.0	2193.30	580.00	2197.59	29.33	50.00	36.34	370.00	420.00	2197.59
0.04	30.00	2200.00	2198.30	2193.30	580.00	2202.42	325.86	0.0	209.66	0.0	0.0	0.0
0.04	30.00	2200.00	2198.30	2193.30	580.00	2202.37	195.34	50.00	50.00	370.00	420.00	0.0
0.04	10.00	0.0	0.0	2193.30	580.00	2202.43	325.18	0.0	209.25	0.0	0.0	0.0
0.04	10.00	0.0	0.0	2193.30	580.00	2202.38	195.77	50.00	50.00	370.00	420.00	0.0
0.11	370.00	0.0	0.0	2199.30	570.00	2204.20	62.48	0.0	245.96	0.0	0.0	0.0
0.11	370.00	0.0	0.0	2199.30	570.00	2203.87	38.48	30.00	19.21	390.00	420.00	0.0
0.14	160.00	0.0	0.0	2207.20	570.00	2211.78	38.49	0.0	19.88	0.0	0.0	0.0
0.14	160.00	0.0	0.0	2207.20	570.00	2211.77	38.37	30.00	19.20	390.00	420.00	0.0

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
0.040	580.000	2197.589	0.0	0.0	0.0	52.600	0.0	0.0
0.040	580.000	2197.589	0.0	0.0	0.0	36.342	16.258	0.0
0.040	580.000	2202.422	0.0	4.833	0.0	209.658	0.0	30.000
0.040	580.000	2202.367	-0.056	4.778	0.0	49.999	159.659	30.000
0.040	580.000	2202.426	0.0	0.003	0.0	209.246	0.0	10.000
0.040	580.000	2202.375	-0.050	0.009	0.0	49.999	159.247	10.000
0.110	570.000	2204.202	0.0	1.776	0.0	245.963	0.0	370.000
0.110	570.000	2203.874	-0.328	1.499	0.0	19.211	226.752	370.000
0.140	570.000	2211.782	0.0	7.580	0.0	19.881	0.0	160.000
0.140	570.000	2211.767	-0.014	7.893	0.0	19.203	0.677	160.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE END	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	2.560	0.0
2	1.000	30.000	0.406	-2.154

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HEC2      VERSIJN UPDATED JAN 1976
ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
MIFICATIONS 52,53,54,55,56,57,58
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FINAL cfs 10-4-76

100 yr nat. (except for STA)

100 yr FW

Branch copy

T1	BREVARD NC FIA										5
T2	100 YEAR										10
T3	BRUSHY CREEK 10-20-76 SFA										0
J1	ICHECK	INV	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
	0.	2.	0.	0.	0.0	0.0	0.0	0.	2197.590	0.0	20
J3	1.000	34.000	36.000	4.000	27.000	28.000	9.000	0.0	0.0	0.0	21
NC	0.070	0.150	0.060	0.100	0.500	0.0	0.0	0.0	0.0	0.0	25
QT	4.000	580.000	580.000	580.000	870.000	0.0	0.0	0.0	0.0	0.0	0
ET	0.0	0.0	4.100	370.000	420.000	0.0	0.0	0.0	0.0	0.0	31
XI	0.040	13.000	398.000	402.000	0.0	0.0	0.0	0.0	0.0	0.0	35
GR	2215.000	0.0	2206.400	100.000	2203.000	195.000	2201.400	300.000	2200.000	320.000	40
GR	2195.000	390.000	2194.200	398.000	2193.600	398.000	2193.300	400.000	2193.400	402.000	45
GR	2197.000	402.000	2204.200	455.000	2210.700	500.000	0.0	0.0	0.0	0.0	50
SB	0.0	1.600	3.000	0.0	3.930	0.0	19.630	0.0	0.0	0.0	65
ET	0.0	0.0	4.100	370.000	420.000	0.0	0.0	0.0	0.0	0.0	66
	0.040	0.0	0.0	0.0	30.000	30.000	30.000	0.0	0.0	0.0	70
X2	0.0	0.0	1.000	2198.300	2200.000	0.0	0.0	0.0	0.0	0.0	75
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	2200.000	2201.000	0.0	80
BT	11.000	300.000	2250.000	0.0	320.000	2250.000	0.0	330.000	2250.000	0.0	81
BT	340.000	2250.000	0.0	350.000	2250.000	0.0	360.000	2250.000	0.0	370.000	82
BT	2250.000	0.0	370.000	2200.300	0.0	392.000	2200.500	0.0	420.000	2201.900	83
BT	0.0	420.000	2250.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	831
ET	0.0	0.0	4.100	370.000	420.000	0.0	0.0	0.0	0.0	0.0	84
XI	0.040	13.000	398.000	402.000	10.000	10.000	10.000	0.0	0.0	0.0	0
GR	2215.000	0.0	2206.400	100.000	2203.000	195.000	2201.400	300.000	2200.000	320.000	40
GR	2195.000	390.000	2194.200	398.000	2193.600	398.000	2193.300	400.000	2193.400	402.000	45
GR	2197.000	402.000	2204.200	455.000	2210.700	500.000	0.0	0.0	0.0	0.0	50
NC	0.070	0.050	0.035	0.100	0.500	0.0	0.0	0.0	0.0	0.0	90
QT	4.000	570.000	570.000	570.000	860.000	0.0	0.0	0.0	0.0	0.0	95
ET	0.0	0.0	4.100	390.000	420.000	0.0	0.0	0.0	0.0	0.0	96
XI	0.110	14.000	400.000	410.000	370.000	370.000	370.000	0.0	-7.900	0.0	0
GR	2220.800	46.000	2218.000	55.000	2213.300	60.000	2212.600	100.000	2211.400	200.000	105
GR	2211.300	300.000	2212.500	400.000	2207.900	405.000	2207.200	405.000	2207.200	410.000	110
GR	2207.900	410.000	2208.000	417.000	2214.200	423.000	2220.800	440.000	0.0	0.0	115
ET	0.0	0.0	4.100	390.000	420.000	0.0	0.0	0.0	0.0	0.0	99
XI	0.140	0.0	0.0	0.0	160.000	160.000	160.000	0.0	7.900	0.0	100
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125