

Rock

Crek

THIS RUN EXECUTED

H-4755

HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

ROCK CREEK - FLOODWAY

T1 STANLY CO. - ALBEMARLE

T3 ROCK CREEK FLOODWAY

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	0.0	0.0	-1.0	0.	424.930	0.0

J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIN	ITRACE
	1.000	0.0	-1.000	0.0	0.0	1.200	0.0	0.0	0.0	15.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	38.000	1.000	9.000	34.000	3.000	4.000	53.000	54.000	27.000	28.000
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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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INC	0.120	0.120	0.055	0.600	0.800	0.800	0.0	0.0	0.0	0.0
QT	9.000	914.000	1561.000	1856.000	2724.000	1856.000	1856.000	1856.000	1856.000	1856.000

X1	85.200	14.000	250.000	285.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	450.000	0.0	445.000	60.000	440.000	110.000	435.000	130.000	430.000	210.000
GR	425.000	240.000	420.000	250.000	417.200	253.500	417.200	281.500	420.000	285.000
GR	424.000	310.000	425.000	460.000	425.000	580.000	430.000	670.000	0.0	0.0
NC	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	1.000	31.000

X1	85.250	7.000	2.000	30.500	1.000	1.000	1.000	0.0	0.0	0.0
GR	418.000	0.0	418.000	5.000	418.000	10.000	418.000	16.250	418.000	22.000
GR	418.000	28.000	418.000	30.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	7.000	2.000	459.000	418.000	5.000	459.000	424.600	10.000	459.000	431.000
BT	459.000	418.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	1.000	31.000

X1	85.350	0.0	0.0	0.0	259.000	259.000	259.000	0.0	0.0	0.0
GR	459.000	0.0	459.000	0.0	459.000	0.0	1.000	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	250.000	285.000

X1	85.300	14.000	250.000	285.000	1.000	1.000	1.000	0.0	0.0	0.0
GR	450.000	0.0	445.000	60.000	440.000	110.000	435.000	130.000	430.000	210.000
GR	425.000	240.000	420.000	250.000	417.200	253.500	417.200	281.500	420.000	285.000
GR	424.000	310.000	425.000	460.000	425.000	580.000	430.000	670.000	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	200.000	235.000

X1	85.400	10.000	200.000	235.000	100.000	30.000	50.000	0.0	0.0	0.0
GR	445.000	0.0	440.000	20.000	435.000	50.000	430.000	80.000	425.000	110.000

BT	9.000	898.000	1538.000	1831.000	2692.000	1831.000	1831.000	1831.000	1831.000	1831.000	1831.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	320.000	430.000	
GR	447.200	0.0	429.700	100.000	427.400	200.000	423.500	300.000	423.600	400.000	
GR	424.700	444.000	425.400	458.000	436.200	485.000	436.600	500.000	439.700	600.000	
NC	0.0	0.0	0.0	0.600	0.800	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	310.000	430.000	
XI	87.200	0.0	0.0	0.0	39.000	79.000	69.000	0.0	-0.900	0.0	
NC	0.040	0.040	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	310.000	430.000	
XI	87.300	0.0	0.0	0.0	62.000	62.000	62.000	0.0	0.100	0.0	
GR	0.0	0.0	1.000	429.600	427.600	0.0	0.0	0.0	0.0	0.0	
BT	9.000	0.0	447.200	0.0	60.000	429.000	0.0	70.000	429.000	0.0	
BT	436.000	0.0	460.000	438.000	0.0	600.000	439.700	0.0	0.0	0.0	
NC	0.030	0.030	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	450.000	540.000	
XI	88.200	14.000	510.000	540.000	66.000	66.000	66.000	0.0	0.0	0.0	
GR	450.000	0.0	445.000	10.000	440.000	20.000	440.000	30.000	435.000	40.000	
GR	430.000	50.000	425.000	510.000	419.900	514.000	419.900	536.000	425.000	540.000	
GR	430.000	550.000	435.000	580.000	440.000	590.000	445.000	610.000	0.0	0.0	
NC	0.0	0.0	0.0	0.300	0.500	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	450.000	540.000	
XI	88.250	14.000	510.000	540.000	2.000	2.000	2.000	0.0	0.0	0.0	
GR	450.000	0.0	445.000	10.000	440.000	20.000	440.000	30.000	435.000	40.000	
GR	430.000	50.000	424.500	510.000	423.200	514.000	423.200	536.000	424.700	540.000	
GR	430.000	550.000	435.000	580.000	440.000	590.000	445.000	610.000	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	450.000	540.000	
XI	88.300	14.000	510.000	540.000	3.000	3.000	3.000	0.0	0.100	0.0	
GR	450.000	0.0	445.000	10.000	440.000	20.000	440.000	30.000	435.000	40.000	
GR	430.000	50.000	425.000	510.000	419.900	514.000	419.900	536.000	425.000	540.000	
GR	430.000	550.000	435.000	580.000	440.000	590.000	445.000	610.000	0.0	0.0	
QT	9.000	791.000	1388.000	1667.000	2497.000	1667.000	1667.000	1667.000	1667.000	1667.000	
NH	4.000	10.000	200.000	0.030	527.000	0.030	547.000	0.030	626.000	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	390.000	547.000	
XI	89.200	21.000	527.000	547.000	280.000	330.000	317.500	0.0	0.0	0.0	
GR	447.900	0.0	426.000	46.000	425.200	100.000	425.200	103.000	424.500	105.000	
GR	424.600	110.000	427.000	116.000	428.000	148.000	427.500	200.000	427.500	300.000	
GR	427.600	400.000	427.500	500.000	427.600	527.000	422.000	528.000	422.000	546.000	
GR	427.800	547.000	430.700	576.000	430.700	585.000	432.000	600.000	443.400	615.000	
GR	448.000	626.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	390.000	547.000	
XI	89.250	0.0	0.0	0.0	2.000	2.000	2.000	0.0	0.0	0.0	
BT	4.000	527.000	427.600	427.600	528.000	427.600	427.000	546.000	427.800	427.000	
BT	547.000	427.800	427.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	390.000	547.000	



THIS RUN EXECUTED

NEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

MODIFICATION - 50, 51, 52, 53

T1 STANLY CO. - ALBEMARLE

T3 ROCK CREEK FLOODWAY

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	0.	8.	0.	0.	0.0	0.0	-1.0	0.	425.730	0.0

J2	NPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	1.200	0.0	0.0	0.0	0.0

THIS RUN EXECUTED



HEC2 RELEASE DATED NOV 76 UPDATED AUG1977

ERROR CORR - 01.02

MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ROCK CREEK FLOODWAY

SUNDAY PRINTOUT

SECNO	CWSFL	WSFLK	.01K	EG	TOPWID	SSTA	ENOST	STENCL	STENCR	VLOB	VRQB	VCH
85.200	424.93	424.93	239.57	425.51	209.35	240.14	449.49	0.0	0.0	1.35	1.09	6.42
85.200	425.73	424.93	213.50	426.37	35.00	250.00	285.00	250.00	285.00	0.0	0.0	6.42
85.250	424.76	0.0	569.31	426.20	28.50	2.00	30.50	0.0	0.0	0.0	0.0	6.42
85.250	425.63	424.76	542.37	426.76	28.50	2.00	30.50	1.00	31.00	0.0	0.0	8.53
85.350	425.37	0.0	650.12	426.58	28.50	2.00	30.50	0.0	0.0	0.0	0.0	6.84
85.350	425.12	426.37	590.18	427.12	28.50	2.00	30.50	1.00	31.00	0.0	0.0	6.84
85.300	425.38	0.0	1100.50	426.96	353.89	236.53	590.42	0.0	0.0	0.33	0.23	6.25
85.300	426.75	426.38	937.41	427.35	35.00	250.00	285.00	250.00	285.00	0.0	0.0	6.25
85.400	426.52	0.0	1172.38	427.02	158.21	100.90	259.10	0.0	0.0	0.41	0.37	5.97
85.400	426.76	426.52	899.87	427.40	35.00	200.00	235.00	200.00	235.00	0.0	0.0	6.40
86.000	427.03	0.0	226.17	427.27	252.53	209.51	462.07	0.0	0.0	1.71	1.76	6.82
86.000	427.41	427.03	173.29	427.83	110.00	320.00	430.00	320.00	430.00	2.60	0.0	6.82
87.200	427.46	0.0	380.60	427.55	307.10	158.29	465.40	0.0	0.0	1.25	1.28	3.94
87.200	428.14	427.46	292.48	428.31	120.00	310.00	430.00	310.00	430.00	1.94	0.0	4.52
87.300	427.47	0.0	898.55	427.56	302.80	162.36	465.16	0.0	0.0	1.57	1.61	2.27
87.300	428.15	427.47	659.47	428.32	120.00	310.00	430.00	310.00	430.00	2.55	0.0	2.74
88.200	427.49	0.0	420.03	427.88	264.36	280.63	544.99	0.0	0.0	2.08	1.93	5.90
88.200	428.24	427.49	456.24	428.61	90.00	450.00	540.00	450.00	540.00	3.28	0.0	5.48
88.250	427.71	0.0	389.76	427.93	304.50	241.18	545.69	0.0	0.0	2.66	2.35	5.10
88.250	428.27	427.71	335.65	428.65	90.00	450.00	540.00	450.00	540.00	4.87	0.0	5.91
88.300	427.65	0.0	432.00	428.01	269.48	275.61	545.10	0.0	0.0	2.06	1.91	5.76
88.300	428.30	427.65	451.04	428.68	90.00	450.00	540.00	450.00	540.00	3.29	0.0	6.53
89.200	428.41	0.0	239.48	428.89	512.16	40.94	553.10	0.0	0.0	1.38	1.30	7.41
89.200	428.96	428.41	245.99	429.55	157.00	390.00	547.00	390.00	547.00	3.49	0.0	7.45
89.250	428.95	0.0	317.41	429.02	518.74	39.80	558.54	0.0	0.0	1.57	1.50	3.18
89.250	429.33	428.95	226.41	429.64	157.00	390.00	547.00	390.00	547.00	4.43	0.0	4.58

FLOODWAY DATA, ROCK CREEK FLOODWAY
 PROFILE NO. 2



STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
85,100	35	289	6.4	425.1	424.9	0.2
85,250	29	218	8.5	425.7	424.8	0.9
85,300	35	296	6.3	426.8	426.4	0.4
85,400	35	290	6.4	426.7	426.5	0.2
86,000	110	480	3.8	427.4	427.0	0.4
87,300	120	705	2.6	428.2	427.5	0.7
88,200	90	304	4.8	428.2	427.5	0.7
88,250	90	345	5.3	428.2	427.7	0.5
89,200	157	326	5.1	428.9	428.4	0.5
89,250	157	372	4.8	429.4	429.0	0.4
89,350	157	370	4.5	429.4	429.0	0.4
89,300	157	372	4.8	429.4	428.9	0.5
90,200	140	570	2.9	430.2	429.4	0.8
90,250	140	587	3.0	430.2	429.4	0.8
90,350	140	558	3.0	430.2	429.4	0.8
90,400	140	572	3.0	430.2	429.4	0.8
1,010	85	361	4.5	430.3	429.4	0.9
91,200	85	306	5.3	431.2	430.4	0.8
91,250	85	287	5.7	431.1	430.4	0.7
91,350	90	314	4.2	431.3	430.5	0.8
91,300	90	345	4.7	431.4	430.5	0.9