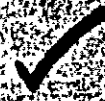


TOWN

Creek

THIS RUN EXECUTED

H-4755



HEC2 RELEASE DATED NOV 76 UPDATED AUG1977
ERROR CORR - 01.02
MODIFICATION - 50.51.52.53

TOWN CREEK - DAILY PROFILES

STANLY CO. - ALBEMARLE

T2 TOWN CREEK 10 YR.

U	ICHECK	INO	NINV	IDIP	STRT	METRIC	HVINS	D	WSEL	FO
	0.	2.	0.	0.	0.004200	0.0	-1.0	0.	443.000	0.0
V	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIN	ITRACE
	1.000	0.0	0.0	0.0	0.0	1.200	0.0	0.0	0.0	0.0
W	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.110	0.120	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OT	9.000	1985.000	3199.000	3686.000	5201.000	3686.000	3686.000	3686.000	3686.000	3686.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	173.000	263.000
X1	92.000	13.000	173.000	198.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	455.200	0.0	450.800	180.000	446.800	124.000	442.500	157.000	441.400	173.000
GR	436.800	174.000	436.300	184.000	437.000	193.000	440.700	198.000	441.700	253.000
GR	448.300	256.000	448.600	275.000	449.500	800.000	0.0	0.0	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	10.000	90.000
X1	93.200	12.000	22.000	77.000	94.500	94.600	94.500	0.0	0.0	0.0
GR	451.000	0.0	448.600	1.000	444.500	1.100	441.500	9.000	441.000	22.000
GR	438.500	26.000	437.400	42.000	438.200	74.000	439.000	77.000	439.800	94.000
GR	447.200	94.100	449.600	95.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.250	1.560	2.900	1000.000	40.500	9.500	641.000	2.340	437.400	437.400
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	10.000	90.000
X1	93.300	0.0	0.0	0.0	11.000	11.000	11.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	448.600	450.000	0.0	0.0	0.0	0.0	0.0
NC	0.100	0.100	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OT	9.000	1954.000	3157.000	3641.000	5147.000	3641.000	3641.000	3641.000	3641.000	3641.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	120.000	200.000
X1	94.000	15.000	164.000	195.000	984.500	1044.500	1054.500	0.0	0.0	0.0
GR	450.800	0.0	448.700	49.000	445.500	68.000	444.600	100.000	441.800	164.000
GR	438.700	166.000	438.700	173.000	439.600	182.000	442.100	185.000	441.900	200.000
GR	446.200	229.000	451.300	245.000	451.300	264.000	458.500	281.000	462.100	296.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	485.000	565.000
X1	95.200	15.000	507.500	530.500	80.000	105.000	90.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	449.100	449.700	0.0
GR	465.200	0.0	461.000	100.000	457.500	200.000	453.600	300.000	449.700	400.000
GR	446.000	500.000	446.500	507.400	438.400	507.500	438.400	509.900	438.400	519.000
GF	438.400	526.000	478.400	570.500	445.500	570.600	445.000	600.000	445.200	475.000

X1	25.300	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.300	0.0
NC	0.0	0.0	1.000	447.400	451.000	0.0	0.0	0.0	0.0	0.0
QT	10.000	0.0	0.0	0.0	0.0	0.0	0.0	451.000	452.000	0.0
ET	22.000	300.000	453.900	453.900	400.000	451.000	450.000	500.000	451.000	446.300
GR	271.000	451.000	447.800	507.500	451.000	438.700	400.000	451.000	447.700	510.000
X1	11.300	447.400	526.900	451.700	443.700	530.500	442.000	438.700	438.800	452.000
NC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	0.0	0.0	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	9.100	470.000	570.000

X1	95.400	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.200	0.0
NC	0.090	0.120	0.066	0.010	0.010	0.0	0.0	0.0	0.0	0.0
QT	9.000	1951.000	3147.000	3628.000	5141.000	3628.000	3628.000	3628.000	3628.000	3628.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	104.000	229.000

X1	196.000	16.000	104.000	123.000	2030.000	2000.000	2045.000	0.0	0.0	0.0
GR	471.600	0.0	469.300	11.000	457.300	26.000	458.300	33.000	458.500	43.000
GR	458.400	53.000	455.200	93.000	449.200	104.000	449.100	105.000	446.300	113.000
GR	447.500	119.000	451.200	123.000	451.200	200.000	450.400	264.000	464.400	300.000
GR	471.600	315.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.105	0.110	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1950.000	3145.000	3626.000	5138.000	3626.000	3626.000	3626.000	3626.000	3626.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	113.000	250.000

X1	1.010	0.0	0.0	0.0	655.000	690.000	722.500	0.915	5.400	0.0
NC	0.120	0.100	0.083	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1950.000	3144.000	3624.000	5135.000	3144.000	3144.000	3144.000	3144.000	3144.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	185.000	310.000

X1	97.000	15.000	259.000	295.000	655.000	690.000	722.500	0.0	0.0	0.0
GR	480.500	0.0	480.700	12.000	480.500	24.000	479.600	32.000	477.600	37.000
GR	471.400	82.000	470.400	156.000	462.800	202.000	459.600	259.000	458.200	264.000
GR	457.200	279.000	457.100	292.000	459.500	295.000	459.500	302.000	475.100	339.000
NC	0.130	0.130	0.085	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1948.000	3136.000	3614.000	5132.000	3614.000	3614.000	3614.000	3614.000	3614.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	85.000	285.000

X1	98.000	23.000	207.000	223.000	1130.000	1190.000	1170.000	0.0	0.0	0.0
GR	485.400	0.0	481.300	12.000	477.800	21.000	479.300	29.000	479.700	31.000
GR	480.000	41.000	480.000	49.000	478.600	58.000	470.500	70.000	470.700	100.000
GR	469.700	147.000	467.000	154.000	466.800	168.000	467.600	171.000	468.600	200.000
GR	468.400	207.000	465.200	210.000	463.800	215.000	462.700	221.000	468.200	223.000
GR	472.400	300.000	484.800	400.000	490.300	425.000	0.0	0.0	0.0	0.0
NC	0.140	0.140	0.090	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1943.000	3121.000	3594.000	5057.000	3594.000	3594.000	3594.000	3594.000	3594.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	200.000	500.000

X1	99.000	19.000	367.000	391.000	1800.000	1750.000	1850.000	0.0	0.0	0.0
GR	494.600	0.0	482.600	32.000	483.700	41.000	483.600	50.000	483.000	59.000
GR	481.200	65.000	477.200	85.000	475.400	100.000	473.000	200.000	471.800	300.000
GR	470.800	367.000	469.200	368.000	468.200	377.000	469.200	386.000	473.000	391.000
GR	473.600	500.000	477.200	600.000	478.000	635.000	487.800	675.000	0.0	0.0
NC	0.120	0.120	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1899.000	3055.000	3521.000	4960.000	3521.000	3521.000	3521.000	3521.000	3521.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	70.000	290.000

X1	100.000	13.000	228.000	252.000	2400.000	2440.000	2470.000	0.0	0.0	0.0
GR	496.900	0.0	492.900	25.000	481.900	78.000	478.900	150.000	478.800	228.000
GR	473.600	234.000	472.600	240.000	473.900	246.000	477.400	252.000	489.000	300.000
GR	490.400	306.000	492.900	326.000	497.400	399.000	0.0	0.0	0.0	0.0

BT	9.000	1641.000	2704.000	3145.000	4509.000	3145.000	3145.000	3145.000	3145.000	3145.000	3145.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	300.000	500.000
X1	101.000	16.000	364.000	395.000	1000.000	640.000	800.000	0.0	1.400	0.0	0.0
GR	495.000	0.0	490.400	100.000	485.500	200.000	482.500	300.000	480.800	368.800	368.800
GR	478.100	565.000	477.700	366.000	473.900	569.000	474.400	382.000	478.000	394.000	394.000
GR	480.000	395.000	480.300	400.000	483.000	500.000	485.500	500.000	490.000	760.000	760.000
GR	436.000	800.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	300.000	500.000
X1	102.200	0.0	0.0	0.0	40.000	40.000	40.000	0.0	-1.400	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481.500	481.500	0.0
BT	1.250	1.560	2.900	0.0	27.500	0.0	164.000	0.0	474.400	474.400	474.400
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	300.000	500.000
X1	102.300	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0	0.0
X2	0.0	0.0	1.000	480.400	482.600	0.0	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	0.0	482.600	482.600	0.0
BT	7.000	300.000	482.900	482.900	364.000	482.600	480.800	365.000	482.600	480.400	480.400
BT	394.000	482.600	480.400	395.000	482.600	480.000	400.000	482.500	480.300	500.000	500.000
BT	483.000	483.000	0.0	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	0.0	9.100	325.000	450.000
X1	102.400	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.600	0.0	0.0
NC	0.045	0.070	0.055	0.010	0.010	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1601.000	2634.000	3066.000	4390.000	3066.000	3066.000	3066.000	3066.000	3066.000	3066.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	165.000	290.000
X1	103.000	15.000	267.000	287.000	1900.000	2220.000	2100.000	0.0	0.0	0.0	0.0
GR	502.800	0.0	487.300	91.000	485.700	200.000	486.200	243.000	483.300	267.000	267.000
GR	481.400	271.000	480.900	277.000	481.100	283.000	484.800	287.000	487.100	296.000	296.000
GR	490.500	400.000	495.100	500.000	497.200	523.000	502.000	551.000	502.800	569.000	569.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	165.000	290.000
X1	1.010	0.0	0.0	0.0	770.000	770.000	770.000	0.0	3.000	0.0	0.0
NC	0.120	0.130	0.080	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	587.000	2606.000	3032.000	4335.000	3032.000	3032.000	3032.000	3032.000	3032.000	3032.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	110.000	410.000
X1	104.000	26.000	119.000	141.000	1580.000	1430.000	1570.000	0.0	0.0	0.0	0.0
GR	513.900	0.0	508.900	48.000	494.100	112.000	454.200	119.000	490.000	125.000	125.000
GR	490.900	128.000	490.400	137.000	493.600	141.000	454.200	187.000	491.300	192.000	192.000
GR	490.900	195.000	491.400	198.000	492.600	202.000	494.500	300.000	494.600	400.000	400.000
GR	495.200	500.000	496.000	600.000	496.000	674.000	494.800	678.000	496.000	684.000	684.000
GR	497.600	700.000	499.400	800.000	503.200	900.000	517.600	974.000	510.500	1000.000	1000.000
GR	517.600	1046.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.120	0.110	0.090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	9.000	1440.000	2392.000	2796.000	4030.000	2796.000	2796.000	2796.000	2796.000	2796.000	2796.000
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.100	500.000	750.000
X1	105.000	37.000	562.000	581.000	920.000	700.000	850.000	0.0	0.0	0.0	0.0
GR	518.800	0.0	514.100	100.000	510.500	200.000	507.200	281.000	505.200	300.000	300.000
GR	503.700	303.000	504.200	312.000	504.500	321.000	504.100	332.000	503.500	338.000	338.000
GR	501.200	344.000	499.400	430.000	497.700	500.000	456.200	562.000	492.400	565.000	565.000
GR	492.200	571.000	492.500	578.000	496.700	581.000	495.800	600.000	496.400	619.000	619.000
GR	499.500	627.000	497.100	700.000	499.800	800.000	501.300	900.000	504.200	1000.000	1000.000

MC	96.900	1400.000	510.100	1473.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	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	405.000	480.000
X1	106.200	17.000	426.000	464.000	90.000	90.000	90.000	0.0	0.0	0.0
X2	10.000	0.0	0.0	0.0	0.0	0.0	0.0	501.100	501.100	0.0
GR	510.100	0.0	506.700	100.000	504.700	200.000	502.500	300.000	500.500	400.000
GR	500.000	426.000	495.300	426.100	495.800	443.000	452.800	448.000	491.500	455.000
GR	492.000	459.000	492.600	459.100	492.700	443.900	500.000	464.000	501.500	500.000
GR	506.600	600.000	510.100	700.000	0.0	0.0	0.0	0.0	0.0	0.0
SB	1.250	1.560	2.900	0.0	16.900	0.0	225.000	1.290	491.500	491.500
ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.110	405.000	480.000
X1	106.300	0.0	0.0	0.0	20.000	20.000	20.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	499.700	502.400	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	502.400	502.400	0.0
BT	0.000	200.000	504.700	504.700	300.000	503.500	502.500	400.000	502.500	500.500
BT	426.000	502.400	500.000	426.100	502.400	499.700	463.500	502.400	499.700	464.000
BT	502.400	500.000	500.000	503.500	501.500	600.000	506.600	506.600	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	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

STANLY CO. - ALBEMARLE

T2	TOWN CREEK	50 YR.								
T3										
01	ICHECK	INO	NINV	IDIR	STRY	METRIC	HVINS	Q	WSEI	FO
	0.	3.	0.	0.	0.004200	0.0	-1.0	0.	445.000	0.0
02	NDROF	IPLOT	PREVS	XSECV	XSPCH	FN	ALLDC	IRW	CHNIM	ITRACE
	2.000	0.0	0.0	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 - 51.51, 52.53

STANLY CO. - ALBEMARLE

TOWN CREEK 500 YR.

II	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	NSEL	EQ
	0.	5.	0.	0.	0.004200	0.0	-1.0	0.	448.000	0.0
III	NRDF	IPLT	PREVS	XSECV	XSECH	FN	ALDC	IBW	CHNM	TRACE
	15.000	0.0	0.0	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 - 30.51, 52.53

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

TOWN CREEK 10 YR.

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CMSFL	CRLES	EG	LOKOS	VCH	AREA	PER
92.000	0.0	0.0	0.0	436.30	1985.00	445.62	0.0	446.10	42.16	6.58	565.93	305.71
92.000	0.0	0.0	0.0	436.30	3199.00	447.62	0.0	448.19	42.08	7.57	839.66	433.13
92.000	0.0	0.0	0.0	436.30	3686.00	448.34	0.0	448.94	41.25	7.84	987.27	523.51
92.000	0.0	0.0	0.0	436.30	5201.00	449.85	0.0	450.48	42.04	8.61	1612.47	832.13
93.200	94.50	0.0	0.0	437.40	1985.00	446.18	0.0	446.38	12.42	3.89	652.62	353.20
93.200	94.50	0.0	0.0	437.40	3199.00	448.16	0.0	448.49	15.02	4.94	837.40	425.37
93.200	94.50	0.0	0.0	437.40	3686.00	448.85	0.0	449.23	15.82	5.30	902.49	426.83
93.200	94.50	0.0	0.0	437.40	5201.00	450.18	0.0	450.77	21.07	6.61	1027.40	513.10
93.300	11.00	450.00	448.60	437.40	1985.00	446.25	0.0	446.46	12.02	3.85	659.72	322.53
93.300	11.00	450.00	448.60	437.40	3199.00	448.45	0.0	448.76	13.60	4.79	864.67	437.32
93.300	11.00	450.00	448.60	437.40	3686.00	449.31	0.0	449.65	13.71	5.07	945.17	495.89
93.300	11.00	450.00	448.60	437.40	5201.00	450.20	0.0	450.78	20.93	6.59	1029.67	513.97
94.000	1054.50	0.0	0.0	438.70	1954.00	447.96	0.0	448.19	24.25	5.26	803.16	396.81
94.000	1054.50	0.0	0.0	438.70	3157.00	450.24	0.0	450.47	19.59	5.53	1262.25	713.22
94.000	1054.50	0.0	0.0	438.70	3641.00	451.10	0.0	451.31	17.96	5.57	1465.68	859.20
94.000	1054.50	0.0	0.0	438.70	5147.00	452.69	0.0	452.94	18.96	6.23	1885.82	1131.96
95.200	90.00	0.0	0.0	438.40	1954.00	447.79	0.0	449.06	78.61	9.04	216.12	220.39
95.200	90.00	0.0	0.0	438.40	3157.00	449.96	0.0	451.28	50.86	10.04	583.53	462.67
95.200	90.00	0.0	0.0	438.40	3641.00	450.83	0.0	452.05	45.59	9.98	745.00	519.27
95.200	90.00	0.0	0.0	438.40	5147.00	452.44	0.0	453.70	45.79	10.84	1106.22	760.59
95.300	20.00	451.00	447.40	438.70	1954.00	451.16	0.0	451.56	14.30	5.59	643.21	316.73
95.300	20.00	451.00	447.40	438.70	3157.00	452.99	0.0	453.42	15.50	6.38	1171.91	601.79
95.300	20.00	451.00	447.40	438.70	3641.00	453.38	0.0	453.87	17.64	6.93	1274.90	636.99
95.300	20.00	451.00	447.40	438.70	5147.00	454.13	0.0	454.86	26.20	8.73	1487.71	1008.87
95.400	50.00	0.0	0.0	438.90	1954.00	451.28	0.0	451.64	13.49	5.41	733.06	312.07
95.400	50.00	0.0	0.0	438.90	3157.00	453.06	0.0	453.52	16.39	6.52	1136.86	779.77
95.400	50.00	0.0	0.0	438.90	3641.00	453.46	0.0	453.97	18.56	7.07	1240.38	845.05
95.400	50.00	0.0	0.0	438.90	5147.00	454.25	0.0	455.01	27.04	8.84	1464.35	959.85
96.000	2055.00	0.0	0.0	446.30	1951.00	455.78	0.0	455.91	37.08	4.24	901.77	320.41
96.000	2055.00	0.0	0.0	446.30	3147.00	457.86	0.0	458.00	31.29	4.55	1333.89	562.89
96.000	2055.00	0.0	0.0	446.30	3628.00	458.56	0.0	458.70	30.04	4.66	1801.93	661.89
96.000	2055.00	0.0	0.0	446.30	5141.00	460.41	0.0	460.56	27.61	4.97	1999.26	978.48

EG PLOTTED

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

TOWN CREEK 10 YR.

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRINS	EG	10K99	VCH	AREA	CFR
92.000	0.0	0.0	0.0	436.30	1985.00	445.62	0.0	446.10	42.16	6.58	565.93	305.71
92.000	0.0	0.0	0.0	436.30	3199.00	447.62	0.0	448.19	42.08	7.57	839.66	433.13
92.000	0.0	0.0	0.0	436.30	3686.00	448.34	0.0	448.94	41.25	7.84	947.27	573.91
92.000	0.0	0.0	0.0	436.30	5201.00	449.85	0.0	450.48	42.04	8.61	1612.47	832.13
93.200	94.50	0.0	0.0	437.40	1985.00	446.18	0.0	446.38	12.42	3.89	652.62	563.29
93.200	94.50	0.0	0.0	437.40	3199.00	448.16	0.0	448.49	15.02	4.94	837.40	825.37
93.200	94.50	0.0	0.0	437.40	3686.00	448.85	0.0	449.23	15.82	5.30	902.49	976.83
93.200	94.50	0.0	0.0	437.40	5201.00	450.18	0.0	450.77	21.07	6.61	1027.40	1133.10
93.300	11.00	450.00	448.60	437.40	1985.00	446.25	0.0	446.46	12.02	3.85	659.72	572.53
93.300	11.00	450.00	448.60	437.40	3199.00	448.45	0.0	448.76	13.60	4.79	864.67	867.32
93.300	11.00	450.00	448.60	437.40	3686.00	449.31	0.0	449.65	13.71	5.07	945.17	995.59
93.300	11.00	450.00	448.60	437.40	5201.00	450.20	0.0	450.78	20.93	6.59	1029.67	1136.97
94.000	1054.50	0.0	0.0	438.70	1954.00	447.96	0.0	448.19	24.25	5.26	803.16	396.81
94.000	1054.50	0.0	0.0	438.70	3157.00	450.24	0.0	450.47	19.59	5.53	1262.25	713.22
94.000	1054.50	0.0	0.0	438.70	3641.00	451.10	0.0	451.31	17.96	5.57	1465.68	859.20
94.000	1054.50	0.0	0.0	438.70	5147.00	452.69	0.0	452.94	18.96	6.23	1885.82	1131.96
95.200	90.00	0.0	0.0	438.40	1954.00	447.79	0.0	449.06	78.61	9.04	216.12	220.39
95.200	90.00	0.0	0.0	438.40	3157.00	449.96	0.0	451.28	50.86	10.04	583.53	442.67
95.200	90.00	0.0	0.0	438.40	3641.00	450.83	0.0	452.05	45.59	9.98	745.00	539.27
95.200	90.00	0.0	0.0	438.40	5147.00	452.44	0.0	453.70	45.79	10.84	1106.22	760.59
95.300	20.00	451.00	447.40	438.70	1954.00	451.16	0.0	451.56	14.30	5.59	643.21	516.73
95.300	20.00	451.00	447.40	438.70	3157.00	452.99	0.0	453.42	15.50	6.38	1171.91	801.79
95.300	20.00	451.00	447.40	438.70	3641.00	453.38	0.0	453.87	17.64	6.93	1274.90	856.99
95.300	20.00	451.00	447.40	438.70	5147.00	454.13	0.0	454.86	26.20	8.73	1487.71	1005.57
95.400	50.00	0.0	0.0	438.90	1954.00	451.28	0.0	451.64	13.49	5.41	733.06	532.07
95.400	50.00	0.0	0.0	438.90	3157.00	453.06	0.0	453.52	16.39	6.52	1136.86	779.77
95.400	50.00	0.0	0.0	438.90	3641.00	453.46	0.0	453.97	18.56	7.07	1240.38	845.05
95.400	50.00	0.0	0.0	438.90	5147.00	454.25	0.0	455.01	27.04	8.84	1464.35	999.85
96.000	2055.00	0.0	0.0	446.30	1951.00	455.78	0.0	455.91	37.08	4.24	901.77	320.41
96.000	2055.00	0.0	0.0	446.30	3147.00	457.86	0.0	458.00	31.29	4.55	1333.89	562.89
96.000	2055.00	0.0	0.0	446.30	3628.00	458.56	0.0	458.70	30.04	4.66	1501.93	661.89
96.000	2055.00	0.0	0.0	446.30	5141.00	460.41	0.0	460.56	27.61	4.97	1990.26	978.45

EG PLOTTED

RECNO	ALCH	ECTHD	ELLC	ELMIN	JO	COSL	CRTS	EG	TOKS	VCH	AREA	PRK
1.010	722.50	0.0	0.0	461.70	1950.00	460.09	0.0	460.24	124.57	3.67	637.93	174.71
1.010	722.50	0.0	0.0	451.70	3145.00	461.55	0.0	461.75	114.08	4.00	888.39	234.45
1.010	722.50	0.0	0.0	431.70	3626.00	462.09	0.0	462.30	109.80	4.09	987.60	316.04
1.010	722.50	0.0	0.0	451.70	5138.00	463.59	0.0	463.85	100.06	4.34	1290.83	513.65
97.000	722.50	0.0	0.0	457.10	1950.00	465.60	0.0	465.80	55.30	4.30	638.96	262.22
97.000	722.50	0.0	0.0	457.10	3144.00	467.24	0.0	467.52	63.03	5.21	865.42	396.02
97.000	722.50	0.0	0.0	457.10	3624.00	467.79	0.0	468.11	65.56	5.51	946.87	417.59
97.000	722.50	0.0	0.0	457.10	5135.00	469.30	0.0	469.70	72.01	6.34	1182.19	605.14
98.000	1170.00	0.0	0.0	462.70	1948.00	472.98	0.0	473.10	72.67	4.21	855.79	228.52
98.000	1170.00	0.0	0.0	462.70	3136.00	474.63	0.0	474.75	62.04	4.38	1261.47	398.13
98.000	1170.00	0.0	0.0	462.70	3614.00	475.20	0.0	475.33	59.65	4.46	1408.93	457.94
98.000	1170.00	0.0	0.0	462.70	5132.00	476.80	0.0	476.95	55.09	4.71	1837.26	591.42
99.000	1890.00	0.0	0.0	468.20	1943.00	477.48	0.0	477.50	11.99	1.83	2132.04	551.19
99.000	1890.00	0.0	0.0	468.20	3121.00	478.96	0.0	478.98	12.17	2.06	2946.09	794.49
99.000	1890.00	0.0	0.0	468.20	3594.00	479.48	0.0	479.50	12.16	2.13	3240.33	1030.52
99.000	1890.00	0.0	0.0	468.20	5057.00	480.95	0.0	480.98	11.96	2.31	4083.87	1452.02
100.000	2470.00	0.0	0.0	472.60	1899.00	482.35	0.0	482.77	51.36	6.44	651.51	264.98
100.000	2470.00	0.0	0.0	472.60	3055.00	483.85	0.0	484.33	52.23	7.30	959.92	422.71
100.000	2470.00	0.0	0.0	472.60	3521.00	484.37	0.0	484.86	52.71	7.60	1067.85	484.96
100.000	2470.00	0.0	0.0	472.60	4960.00	485.76	0.0	486.31	53.92	8.40	1374.93	675.44
101.000	800.00	0.0	0.0	475.80	1641.00	484.97	0.0	485.22	18.00	4.66	584.87	386.82
101.000	800.00	0.0	0.0	475.80	2704.00	486.40	0.0	486.62	15.70	4.86	1013.51	682.44
101.000	800.00	0.0	0.0	475.80	3146.00	486.89	0.0	487.10	14.99	4.90	1189.25	812.59
101.000	800.00	0.0	0.0	475.80	4509.00	488.16	0.0	488.35	12.67	4.88	1720.13	1266.72
102.200	40.00	0.0	0.0	474.40	1641.00	485.24	0.0	485.31	4.87	2.75	1096.49	743.24
102.200	40.00	0.0	0.0	474.40	2704.00	486.63	0.0	486.70	4.97	3.03	1661.80	1212.99
102.200	40.00	0.0	0.0	474.40	3146.00	487.10	0.0	487.17	4.95	3.11	1875.86	1413.71
102.200	40.00	0.0	0.0	474.40	4509.00	488.33	0.0	488.41	4.96	3.33	2477.11	2024.05
102.300	20.00	482.60	480.40	474.40	1641.00	485.35	0.0	485.41	4.51	2.66	1136.57	773.01
102.300	20.00	482.60	480.40	474.40	2704.00	486.81	0.0	486.87	4.41	2.89	1742.78	1297.77
102.300	20.00	482.60	480.40	474.40	3146.00	487.31	0.0	487.38	4.34	2.95	1975.77	1510.59
102.300	20.00	482.60	480.40	474.40	4509.00	488.62	0.0	488.70	4.23	3.12	2632.83	2191.92
102.400	50.00	0.0	0.0	476.00	1641.00	485.31	0.0	485.53	16.06	4.46	619.52	409.53
102.400	50.00	0.0	0.0	476.00	2704.00	486.78	0.0	486.97	13.86	4.62	1073.57	726.34
102.400	50.00	0.0	0.0	476.00	3146.00	487.29	0.0	487.47	12.98	4.62	1268.10	873.06
102.400	50.00	0.0	0.0	476.00	4509.00	488.61	0.0	488.77	10.75	4.56	1835.43	1375.05
103.000	2100.00	0.0	0.0	480.90	1601.00	488.81	0.0	488.91	17.22	3.25	691.06	385.79
103.000	2100.00	0.0	0.0	480.90	2634.00	489.92	0.0	490.05	16.77	3.53	1009.36	643.13
103.000	2100.00	0.0	0.0	480.90	3066.00	490.30	0.0	490.44	16.80	3.65	1129.35	748.09
103.000	2100.00	0.0	0.0	480.90	4390.00	491.29	0.0	491.46	17.07	3.95	1458.26	1062.70
1.010	770.00	0.0	0.0	483.90	1601.00	490.83	0.0	491.08	54.52	5.24	447.54	216.82
1.010	770.00	0.0	0.0	483.90	2634.00	491.80	0.0	492.07	47.00	5.37	688.95	394.21
1.010	770.00	0.0	0.0	483.90	3066.00	492.15	0.0	492.43	44.69	5.40	785.63	458.63
1.010	770.00	0.0	0.0	483.90	4390.00	493.08	0.0	493.40	40.79	5.58	1060.42	687.33

AS PLOTTED

SECNO	XLCH	EL TRD	ELCC	ELMIN	U	CWSEL	CFMS	EG	TOKPS	VCH	AREA	OUT
104.000	1570.00	0.0	0.0	490.00	1587.00	497.01	0.0	497.04	29.57	2.51	1420.01	291.83
104.000	1570.00	0.0	0.0	490.00	2606.00	497.89	0.0	497.93	32.29	2.89	1946.91	458.58
104.000	1570.00	0.0	0.0	490.00	3032.00	498.19	0.0	498.24	33.25	3.01	2139.59	525.80
104.000	1570.00	0.0	0.0	490.00	4335.00	499.03	0.0	499.08	34.78	3.33	2699.63	735.01
105.000	850.00	0.0	0.0	492.20	1440.00	499.92	0.0	499.99	52.86	3.20	906.30	198.07
105.000	850.00	0.0	0.0	492.20	2392.00	500.86	0.0	500.92	49.55	3.37	1389.10	339.82
105.000	850.00	0.0	0.0	492.20	2796.00	501.19	0.0	501.26	46.62	3.43	1580.69	400.99
105.000	850.00	0.0	0.0	492.20	4130.00	502.04	0.0	502.11	46.40	3.58	2119.51	521.63
106.200	90.00	0.0	0.0	491.50	1440.00	500.55	0.0	501.07	217.46	5.78	249.19	97.65
106.200	90.00	0.0	0.0	491.50	2392.00	501.35	0.0	502.33	363.85	8.13	349.67	125.43
106.200	90.00	0.0	0.0	491.50	2796.00	501.62	499.47	502.78	420.19	8.95	388.01	135.40
106.200	90.00	0.0	0.0	491.50	4030.00	502.38	502.38	503.88	522.43	10.63	529.57	176.38
106.300	20.00	502.40	499.70	491.50	1440.00	501.10	0.0	501.64	168.33	5.33	270.23	110.99
106.300	20.00	502.40	499.70	491.50	2392.00	503.10	0.0	503.42	109.96	5.16	699.58	228.11
106.300	20.00	502.40	499.70	491.50	2796.00	503.63	0.0	503.85	111.03	5.34	816.10	255.35
106.300	20.00	502.40	499.70	491.50	4030.00	504.38	0.0	504.76	128.32	6.08	1085.42	355.76

JOHN CREEK 10 YR.
SUMMARY PRINTOUT TABLE 150



SECNO	n	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
92.000	1985.00	445.62	0.0	0.0	2.62	127.65	0.0
92.000	3199.00	447.62	2.00	0.0	2.62	145.55	0.0
92.000	3686.00	448.34	0.72	0.0	2.34	152.49	0.0
92.000	5201.00	449.85	1.51	0.0	1.85	694.28	0.0
93.200	1985.00	446.18	0.0	0.56	0.0	93.03	94.50
93.200	3199.00	448.16	1.98	0.54	0.0	93.45	94.50
93.200	3686.00	448.85	0.70	0.51	0.0	93.83	94.50
93.200	5201.00	460.18	1.33	0.33	0.0	94.66	94.50
93.300	985.00	446.25	0.0	0.08	0.0	93.03	11.00
93.300	3199.00	448.45	2.20	0.29	0.0	93.57	11.00
93.300	3686.00	449.31	0.86	0.45	0.0	94.19	11.00
93.300	5201.00	450.20	0.89	0.02	0.0	94.67	11.00
94.000	1954.00	447.96	0.0	1.70	0.0	181.07	1054.50
94.000	3157.00	450.24	2.29	1.79	0.0	228.71	1054.50
94.000	3641.00	451.10	0.85	1.79	0.0	244.36	1054.50
94.000	5147.00	452.69	1.60	2.49	0.0	267.12	1054.50
95.200	1954.00	447.79	0.0	-0.16	0.0	23.00	90.00
95.200	3157.00	449.96	2.16	-0.29	0.0	169.92	90.00
95.200	3641.00	450.83	0.88	-0.26	0.0	198.78	90.00
95.200	5147.00	452.44	1.60	-0.26	0.0	251.63	90.00
95.300	1954.00	451.16	0.0	3.36	0.0	160.20	20.00
95.300	3157.00	452.99	1.84	3.04	0.0	260.09	20.00
95.300	3641.00	453.38	0.39	2.55	0.0	272.82	20.00
95.300	5147.00	454.13	0.75	1.69	0.0	297.41	20.00
95.400	1954.00	451.28	0.0	0.12	0.0	196.79	50.00
95.400	3157.00	453.06	1.79	0.07	0.0	255.61	50.00
95.400	3641.00	453.46	0.39	0.08	0.0	268.62	50.00
95.400	5147.00	454.25	0.79	0.12	0.0	294.81	50.00
96.000	1951.00	455.78	0.0	4.51	0.0	192.20	2055.00
96.000	3147.00	457.86	2.09	4.80	0.0	228.07	2055.00
96.000	3628.00	458.56	0.70	5.11	0.0	260.57	2055.00
96.000	5141.00	460.41	1.85	6.16	0.0	267.63	2055.00
1.010	1950.00	460.09	0.0	4.30	0.0	165.67	722.50
1.010	3145.00	461.55	1.46	3.69	0.0	180.75	722.50
1.010	3626.00	462.09	0.54	3.53	0.0	188.17	722.50
1.010	5138.00	463.59	1.51	3.19	0.0	215.75	722.50
97.000	1050.00	465.60	0.0	5.51	0.0	131.42	722.50
97.000	3144.00	467.24	1.64	5.69	0.0	145.21	722.50
97.000	3624.00	467.79	0.55	5.70	0.0	149.86	722.50
97.000	5135.00	469.30	1.51	5.70	0.0	162.55	722.50
98.000	1948.00	472.98	0.0	7.38	0.0	238.32	1170.00
98.000	3136.00	474.63	1.65	7.39	0.0	254.05	1170.00
98.000	3614.00	475.20	0.57	7.41	0.0	259.54	1170.00
98.000	5132.00	476.80	1.60	7.50	0.0	274.84	1170.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TDPWD	XLCH
99.000	1943.00	477.48	0.0	4.50	0.0	528.77	1850.00
99.000	3121.00	478.96	1.48	4.33	0.0	562.68	1850.00
99.000	3594.00	479.48	0.52	4.28	0.0	567.41	1850.00
99.000	5057.00	480.95	1.47	4.15	0.0	580.76	1850.00
100.000	1899.00	482.35	0.0	4.87	0.0	196.64	2470.00
100.000	3055.00	483.86	1.51	4.90	0.0	210.17	2470.00
100.000	3521.00	484.37	0.51	4.89	0.0	214.76	2470.00
100.000	4960.00	485.76	1.39	4.82	0.0	227.21	2470.00
101.000	1641.00	484.97	0.0	2.62	0.0	244.91	800.00
101.000	2704.00	486.40	1.43	2.54	0.0	350.03	800.00
101.000	3146.00	486.89	0.49	2.52	0.0	384.92	800.00
101.000	4509.00	488.16	1.27	2.40	0.0	447.09	800.00
102.200	1641.00	485.24	0.0	0.27	0.0	366.92	40.00
102.200	2704.00	486.63	1.39	0.23	0.0	441.25	40.00
102.200	3146.00	487.10	0.47	0.21	0.0	462.32	40.00
102.200	4509.00	488.33	1.23	0.17	0.0	516.92	40.00
102.300	1641.00	485.35	0.0	0.11	0.0	374.80	20.00
102.300	2704.00	486.81	1.46	0.18	0.0	449.34	20.00
102.300	3146.00	487.31	0.51	0.21	0.0	471.83	20.00
102.300	4509.00	488.62	1.31	0.30	0.0	530.15	20.00
102.400	1641.00	485.31	0.0	-0.04	0.0	255.03	50.00
102.400	2704.00	486.78	1.47	-0.03	0.0	362.33	50.00
102.400	3146.00	487.29	0.51	-0.02	0.0	398.19	50.00
102.400	4509.00	488.61	1.32	-0.01	0.0	458.42	50.00
103.000	1601.00	488.81	0.0	3.50	0.0	266.11	2100.00
103.000	2634.00	489.92	1.11	3.14	0.0	306.63	2100.00
103.000	3066.00	490.30	0.38	3.01	0.0	320.58	2100.00
103.000	4390.00	491.29	0.99	2.68	0.0	349.38	2100.00
1.010	1601.00	490.83	0.0	2.02	0.0	230.35	770.00
1.010	2634.00	491.80	0.27	1.88	0.0	265.82	770.00
1.010	3066.00	492.15	0.35	1.85	0.0	278.77	770.00
1.010	4390.00	493.08	0.93	1.79	0.0	312.64	770.00
104.000	1587.00	497.01	0.0	6.18	0.0	594.75	1570.00
104.000	2606.00	497.89	0.87	6.09	0.0	620.38	1570.00
104.000	3032.00	498.19	0.31	6.04	0.0	638.71	1570.00
104.000	4335.00	499.03	0.84	5.95	0.0	689.21	1570.00
105.000	1440.00	499.92	0.0	2.91	0.0	465.21	850.00
105.000	2392.00	500.86	0.94	2.97	0.0	565.40	850.00
105.000	2796.00	501.19	0.33	3.00	0.0	600.17	850.00
105.000	4030.00	502.04	0.85	3.00	0.0	702.63	850.00
106.200	1440.00	500.55	0.0	0.63	0.0	38.00	50.00
106.200	2392.00	501.35	0.80	0.50	0.0	139.18	50.00
106.200	2796.00	501.62	0.26	0.43	0.0	158.22	50.00
106.200	4030.00	502.38	0.77	0.35	0.0	211.52	50.00



SECNO	U	CWSEL	DIFMSH	DIFMSX	DIFKWS	TOWNO	ALCH
105.300	1440.00	501.10	0.0	0.85	0.0	136.00	20.00
106.300	2392.00	503.10	2.00	1.75	0.0	289.02	20.00
105.300	2796.00	503.53	0.43	1.91	0.0	205.69	20.00
106.300	4030.00	504.38	0.85	2.00	0.0	342.60	20.00

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LIST OF ERRORS

CAUTION SECNO= 105.200 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 106.200 PROFILE= 4 MINIMUM SPECIFIC ENERGY

FLOOD INSURANCE ZONE DATA FOR TOWN CREEK 10 YR.

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND X		
		10	2	0.2
92.000	0.	-2.72	-0.72	1.61
93.200	95.	-2.68	-0.70	1.33
93.300	106.	-3.06	-0.86	0.89
94.000	1160.	-3.14	-0.85	1.60
95.200	1250.	-3.04	-0.88	1.60
95.300	1270.	-2.22	-0.39	0.75
95.400	1320.	-2.18	-0.39	0.79
96.000	3375.	-2.78	-0.70	1.85
1.010	4095.	-2.00	-0.54	1.51
97.000	4820.	-2.19	-0.55	1.51
99.000	5990.	-2.22	-0.57	1.60
99.000	7880.	-2.00	-0.52	1.47
100.000	10350.	-2.02	-0.51	1.39
101.000	11150.	-1.92	-0.49	1.27
102.200	11190.	-1.86	-0.47	1.23
102.300	11210.	-1.96	-0.51	1.31
102.400	11260.	-1.98	-0.51	1.32
103.000	13360.	-1.49	-0.38	0.99
1.010	14130.	-1.32	-0.35	0.93
104.000	15700.	-1.18	-0.31	0.84
105.000	16550.	-1.27	-0.33	0.85
106.200	16640.	-1.07	-0.26	0.77
106.300	16660.	-2.43	-0.43	0.85
WEIGHTED AVG FOR REACH		-2.01	-0.51	1.29

FHF FOR THE REACH = 020 WITH 93.1% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 4