

MILL CREEK

THIS RUN EXECUTED 11 MAR 83 11.12.05

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 NORTH CAROLINA FLOOD INSURANCE STUDIES  
 T2 KENDRICK CREEK  
 T3 BASE FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	MSEL	FQ
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	IHLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.030	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	1235.000	2335.000	2970.000	4825.000	2970.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.250	8.000	920.000	1100.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.000	-0.	5.000	200.000	.250	920.000	-5.800	950.000	-5.800	1100.000
QR	.250	1100.000	5.000	2180.000	10.000	2420.000	-0.	-0.	-0.	-0.
X1	1.251	11.000	1000.000	1150.000	3600.000	2800.000	3000.000	-0.	-0.	-0.
GR	15.000	-0.	10.000	100.000	5.000	280.000	.250	1000.000	-5.700	1000.000
GR	-5.700	1150.000	.250	1150.000	5.000	1750.000	10.000	2800.000	10.000	3600.000
QR	15.000	3700.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.252	9.000	1750.000	1900.000	2400.000	2800.000	4800.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	100.000	5.000	1000.000	.250	1750.000	-5.600	1750.000
GR	-5.600	1900.000	.250	1900.000	5.000	2550.000	10.000	3300.000	-0.	-0.
X1	1.253	8.000	670.000	750.000	4800.000	6000.000	5800.000	-0.	-0.	-0.
GR	10.000	-0.	5.000	100.000	.250	670.000	-5.300	670.000	-5.300	750.000
GR	.250	750.000	5.000	1200.000	10.000	1650.000	-0.	-0.	-0.	-0.

X1	1,254	10.000	2250.000	2750.000	4800.000	5600.000	5800.000	-0.	-0.	-0.
GR	15.000	-0.	10.000	1650.000	5.000	1750.000	.250	2250.000	-5.000	2250.000
GR	-5.000	2300.000	.250	2300.000	5.000	2750.000	10.000	2870.000	15.000	5400.000
X1	1,255	11.000	1290.000	1350.000	3000.000	2800.000	3000.000	-0.	-0.	-0.
GR	15.000	-0.	10.000	350.000	5.000	430.000	1.000	1290.000	-4.900	1290.000
GR	-4.900	1350.000	1.000	1350.000	5.000	1410.000	10.000	1860.000	10.000	3720.000
GR	15.000	4420.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	5.400	-0.	-0.	-0.	-0.
X1	1,256	10.000	120.000	150.000	3800.000	3000.000	4000.000	-0.	-0.	-0.
GR	15.000	-0.	10.000	50.000	5.000	100.000	1.000	120.000	-4.700	120.000
GR	-4.700	150.000	1.000	150.000	5.000	1000.000	10.000	1330.000	15.000	2050.000
QT	5.000	760.000	1465.000	1880.000	3100.000	1880.000	-0.	-0.	-0.	-0.
X1	1,000	23.000	2441.000	2475.000	1200.000	2400.000	3600.000	-0.	-0.	-0.
X4	2.000	14.600	2340.000	10.800	2349.000	-0.	-0.	-0.	-0.	-0.
GR	18.000	-0.	17.000	1350.000	16.100	2100.000	16.300	2205.000	17.500	2220.000
GR	10.600	2362.000	10.600	2376.000	13.900	2391.000	12.400	2416.000	2.400	2441.000
GR	.500	2444.000	-4.700	2451.000	-4.300	2459.000	-2.200	2466.000	.500	2470.000
GR	1.400	2475.000	6.400	2634.000	7.800	2647.000	13.100	2782.000	14.300	2907.000
GR	15.000	4908.000	15.000	8158.000	18.000	8458.000	-0.	-0.	-0.	-0.
X1	1,100	20.000	5707.000	5742.000	2000.000	2600.000	3800.000	-0.	-0.	-0.
GR	18.000	-0.	15.000	300.000	15.000	4700.000	14.500	5200.000	10.900	5345.000
GR	10.700	5465.000	10.000	5565.000	3.200	5572.000	4.000	5697.000	.900	5707.000
GR	-3.600	5707.000	-3.500	5724.000	-2.000	5735.000	3.400	5742.000	9.400	5867.000
GR	9.600	5889.000	7.200	5901.000	10.400	5909.000	11.900	6139.000	18.000	10100.000
VC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1,200	-0.	-0.	-0.	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	9.000	9.000	-0.
S3	1,250	1.600	2.800	-0.	33.500	3.500	360.000	0.	-4.600	-4.600
X1	1,300	-0.	-0.	-0.	22.000	22.000	22.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	7.400	10.600	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	10.600	10.600	-0.
BT	8.000	-0.	18.000	-0.	300.000	15.000	-0.	4700.000	15.000	-0.
BT	5200.000	11.600	-0.	5465.000	10.900	-0.	5720.000	10.600	-0.	5909.000
BT	11.200	-0.	6139.000	12.600	-0.	-0.	-0.	-0.	-0.	-0.
X1	1,400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
VC	-0.	-0.	-0.	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	2,100	22.000	3775.000	3825.000	160.000	160.000	160.000	-0.	-0.	-0.
GR	18.000	-0.	15.000	200.000	15.000	202.000	13.500	3290.000	11.000	3490.000
GR	11.000	3492.000	2.100	3775.000	.800	3777.000	-9.000	3806.000	.800	3824.000
GR	1,700	3825.000	8.400	3929.000	8.100	3933.000	9.300	3940.000	9.900	3965.000
GR	7.500	3977.000	11.700	3984.000	11.500	4184.000	14.000	4274.000	15.000	7400.000
GR	15.000	7900.000	18.000	8400.000	-0.	-0.	-0.	-0.	-0.	-0.



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FLOODWAY DATA, BASE FLOOD  
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
				WITH FLOODWAY	WITHOUT FLOODWAY	
1.250	180.	1178.	2.5	1.3	.3	1.0
1.251	150.	1140.	2.6	1.9	1.2	.7
1.252	150.	1256.	2.4	2.8	2.3	.5
1.253	80.	755.	3.9	4.2	3.7	.5
1.254	500.	1937.	1.5	5.7	5.3	.4
1.255	210.	1423.	2.1	6.3	5.9	.4
1.256	562.	3374.	.9	7.9	7.2	.7
1.000	88.	759.	2.5	9.2	8.4	.8
1.100	162.	1304.	1.4	10.4	9.6	.8
1.200	163.	1316.	1.4	10.4	9.6	.8
1.300	35.	463.	4.1	10.8	10.0	.8
1.400	179.	1511.	1.2	10.9	10.2	.7
2.100	161.	1419.	1.3	10.9	10.2	.7
2.200	105.	969.	1.9	11.0	10.3	.7
2.300	109.	991.	1.9	11.0	10.3	.7
2.400	157.	1470.	1.3	11.0	10.3	.7
2.000	822.	3940.	.4	11.8	11.1	.7

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Mill Creek

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THIS RUN EXECUTED 10 MAR 83 17.00.41

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 MEC2 RELEASE DATED NOV 75 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELUC	ELMIN	Q	CWSEL	CRWS	EG	1CK+S	VCH	AREA	.01K
1.250	0.	0.	0.	-5.80	1235.00	.25	-4.53	.27	.67	1.24	998.25	1512.27
1.250	0.	0.	0.	-5.80	2335.00	.25	-3.87	.33	2.38	2.34	998.25	1512.27
1.250	0.	0.	0.	-5.80	2970.00	.25	-3.54	.39	3.86	2.98	998.25	1512.27
1.250	0.	0.	0.	-5.80	4825.00	.25	-2.69	.61	10.18	4.83	998.25	1512.27
1.251	3000.00	0.	0.	-5.70	1235.00	.45	-4.42	.48	.71	1.34	929.91	1461.45
1.251	3000.00	0.	0.	-5.70	2335.00	.91	-3.75	.99	2.02	2.35	1050.23	1643.90
1.251	3000.00	0.	0.	-5.70	2970.00	1.23	-3.41	1.36	2.77	2.85	1172.93	1784.98
1.251	3000.00	0.	0.	-5.70	4825.00	2.25	-2.53	2.49	4.48	3.97	1750.57	2279.26
1.252	4800.00	0.	0.	-5.60	1235.00	.78	-4.32	.80	.63	1.29	997.95	1551.76
1.252	4800.00	0.	0.	-5.60	2335.00	1.72	-3.64	1.79	1.41	2.11	1415.33	1968.75
1.252	4800.00	0.	0.	-5.60	2970.00	2.29	-3.31	2.38	1.74	2.46	1793.64	2254.00
1.252	4800.00	0.	0.	-5.60	4825.00	3.80	-2.43	3.95	2.34	3.21	3255.88	3154.95
1.253	5800.00	0.	0.	-5.30	1235.00	1.39	-3.36	1.47	2.01	2.29	675.94	871.17
1.253	5800.00	0.	0.	-5.30	2335.00	2.90	-2.33	3.07	3.33	3.37	1410.21	1279.46
1.253	5800.00	0.	0.	-5.30	2970.00	3.67	-1.81	3.88	3.71	3.78	1976.51	1542.11
1.253	5800.00	0.	0.	-5.30	4825.00	5.51	-.48	5.77	4.16	4.53	3826.11	2366.22
1.254	5800.00	0.	0.	-5.00	1235.00	2.93	-2.34	2.97	3.33	1.59	1113.31	677.09
1.254	5800.00	0.	0.	-5.00	2335.00	4.62	-.94	4.66	2.33	1.55	2392.05	1528.90
1.254	5800.00	0.	0.	-5.00	2970.00	5.32	-.23	5.36	1.95	1.56	3078.61	2125.08
1.254	5800.00	0.	0.	-5.00	4825.00	6.94	2.22	6.98	1.39	1.70	4775.53	4090.34
1.255	3000.00	0.	0.	-4.90	1235.00	3.55	-2.55	3.62	1.56	2.28	1251.59	988.47
1.255	3000.00	0.	0.	-4.90	2335.00	5.26	-1.30	5.39	2.35	3.16	2691.78	1522.59
1.255	3000.00	0.	0.	-4.90	2970.00	5.93	-.68	6.08	2.69	3.53	3392.95	1810.42
1.255	3000.00	0.	0.	-4.90	4825.00	7.48	1.00	7.68	3.42	4.35	5201.45	2609.96
1.256	4000.00	0.	0.	-4.70	1235.00	4.46	-.97	4.61	3.96	3.48	1577.49	620.34
1.256	4000.00	0.	0.	-4.70	2335.00	6.41	.98	6.55	4.01	3.99	3371.27	1165.41
1.256	4000.00	0.	0.	-4.70	2970.00	7.19	3.16	7.33	4.16	4.24	4173.53	1456.72
1.256	4000.00	0.	0.	-4.70	4825.00	8.97	5.13	9.12	4.50	4.85	6197.55	2274.63

SECND	XLCH	ELTRD	ELUC	ELMIN	Q	CWSEL	CRWS	EG	10X+S	VCH	AREA	01K
1.000	3600.00	0.	0.	-4.70	760.00	5.53	-0.05	5.64	2.42	2.77	538.35	488.53
1.000	3600.00	0.	0.	-4.70	1465.00	7.57	1.84	7.77	3.46	3.89	948.65	787.86
1.000	3600.00	0.	0.	-4.70	1880.00	8.41	2.62	8.67	4.03	4.44	1138.31	936.39
1.000	3600.00	0.	0.	-4.70	3100.00	10.33	4.58	10.74	5.46	5.78	1642.88	1327.28
1.100	3800.00	0.	0.	-3.60	760.00	6.24	-0.40	6.31	1.45	2.26	760.05	630.10
1.100	3800.00	0.	0.	-3.60	1465.00	8.56	1.12	8.69	2.01	3.10	1366.82	1034.34
1.100	3800.00	0.	0.	-3.60	1880.00	9.56	1.89	9.71	2.28	3.51	1674.70	1244.09
1.100	3900.00	0.	0.	-3.60	3100.00	11.82	4.32	12.02	2.80	4.36	2889.27	1852.25
1.200	100.00	0.	0.	-3.60	760.00	6.24	-0.40	6.34	1.78	2.50	304.40	569.76
1.200	100.00	0.	0.	-3.60	1465.00	8.54	1.13	8.76	3.03	3.81	384.52	841.07
1.200	100.00	0.	0.	-3.60	1880.00	9.58	1.88	9.73	2.26	3.49	1684.37	1250.60
1.200	100.00	0.	0.	-3.60	3100.00	11.85	3.80	12.05	2.76	4.33	2923.22	1865.55
1.300	22.00	10.60	7.40	-3.60	760.00	6.26	0.	6.36	1.77	2.49	304.78	570.56
1.300	22.00	10.60	7.40	-3.60	1465.00	8.73	0.	8.95	2.86	3.74	391.31	865.95
1.300	22.00	10.60	7.40	-3.60	1880.00	9.97	0.	10.26	3.32	4.33	434.62	1031.53
1.300	22.00	10.60	7.40	-3.60	3100.00	11.87	0.	12.07	2.75	4.33	2930.59	1868.92
1.400	50.00	0.	0.	-3.60	760.00	6.30	-0.40	6.37	1.41	2.23	775.29	639.51
1.400	50.00	0.	0.	-3.60	1465.00	8.88	1.12	8.99	1.78	2.98	1461.07	1098.23
1.400	50.00	0.	0.	-3.60	1880.00	10.20	1.91	10.32	1.82	3.24	1895.22	1394.14
1.400	50.00	0.	0.	-3.60	3100.00	11.88	4.33	12.09	2.74	4.32	2941.91	1873.48
2.100	160.00	0.	0.	-0.90	760.00	6.33	1.96	6.40	1.71	2.18	764.98	581.49
2.100	160.00	0.	0.	-0.90	1465.00	8.33	3.05	9.02	1.68	2.72	1596.04	1131.27
2.100	160.00	0.	0.	-0.90	1880.00	10.25	3.61	10.35	1.57	2.89	2163.37	1501.17
2.100	160.00	0.	0.	-0.90	3100.00	11.97	4.99	12.13	2.18	3.78	3116.75	2097.40
2.200	100.00	0.	0.	-1.90	760.00	6.38	0.62	6.42	0.96	1.61	472.14	775.25
2.200	100.00	0.	0.	-1.90	1465.00	8.77	1.52	9.04	1.20	2.20	1186.49	1337.41
2.200	100.00	0.	0.	-1.90	1880.00	10.29	1.97	10.37	1.18	2.37	1925.75	1731.36
2.200	100.00	0.	0.	-1.90	3100.00	12.04	3.15	12.16	1.65	3.08	3349.51	2414.13
2.300	25.00	8.80	5.90	-1.90	760.00	6.42	0.	6.46	0.94	1.60	475.04	783.28
2.300	25.00	8.80	5.90	-1.90	1465.00	9.19	0.	9.26	1.10	2.14	1279.95	1396.71
2.300	25.00	8.80	5.90	-1.90	1880.00	10.33	0.	10.41	1.16	2.36	1849.38	1744.41
2.300	25.00	8.80	5.90	-1.90	3100.00	12.04	0.	12.16	1.65	3.08	3349.52	2414.14
2.400	50.00	0.	0.	-0.90	760.00	6.42	1.95	6.48	1.62	2.14	789.32	597.94
2.400	50.00	0.	0.	-0.90	1465.00	9.19	3.05	9.27	1.48	2.61	1706.06	1204.13
2.400	50.00	0.	0.	-0.90	1880.00	10.33	3.62	10.43	1.51	2.85	2207.18	1529.71
2.400	50.00	0.	0.	-0.90	3100.00	12.03	4.98	12.19	2.13	3.74	3172.15	2125.49
2.000	6460.00	0.	0.	-3.60	620.00	7.15	1.88	7.17	0.84	1.79	1553.82	674.64
2.000	6460.00	0.	0.	-3.60	1205.00	9.95	3.16	9.99	0.95	2.29	2710.39	1236.89
2.000	6460.00	0.	0.	-3.60	1545.00	11.06	3.51	11.09	0.85	2.31	5492.64	1675.37
2.000	6460.00	0.	0.	-3.60	2575.00	12.78	4.66	12.80	0.66	2.22	14716.94	3175.21

## 10-YEAR FLOOD

## SUMMARY PRINTOUT TABLE 150

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.250	1235.00	.25	0.	0.	0.	180.00	0.
1.250	2335.00	.25	0.	0.	0.	180.00	0.
1.250	2970.00	.25	0.	0.	0.	180.00	0.
1.250	4825.00	.25	0.	0.	0.	180.00	0.
1.251	1235.00	.45	0.	.20	0.	208.07	3000.00
1.251	2335.00	.91	.45	.66	0.	331.91	3000.00
1.251	2970.00	1.23	.33	.98	0.	422.33	3000.00
1.251	4825.00	2.25	1.02	2.00	0.	706.69	3000.00
1.252	1235.00	.78	0.	.32	0.	305.78	4800.00
1.252	2335.00	1.72	.94	.81	0.	582.70	4800.00
1.252	2970.00	2.29	.57	1.06	0.	750.03	4800.00
1.252	4825.00	3.80	1.51	1.55	0.	1193.52	4800.00
1.253	1235.00	1.39	0.	.62	0.	325.60	5800.00
1.253	2335.00	2.90	1.51	1.18	0.	649.12	5800.00
1.253	2970.00	3.67	.77	1.39	0.	815.21	5800.00
1.253	4825.00	5.51	1.84	1.71	0.	1156.51	5800.00
1.254	1235.00	2.93	0.	1.54	0.	585.51	5800.00
1.254	2335.00	4.62	1.69	1.72	0.	924.29	5800.00
1.254	2970.00	5.32	.70	1.65	0.	1014.08	5800.00
1.254	4825.00	6.94	1.62	1.43	0.	1085.22	5800.00
1.255	1235.00	3.55	0.	.61	0.	645.36	3000.00
1.255	2335.00	5.26	1.71	.64	0.	1008.01	3000.00
1.255	2970.00	5.93	.67	.61	0.	1080.52	3000.00
1.255	4825.00	7.48	1.55	.54	0.	1248.27	3000.00
1.256	1235.00	4.46	0.	.92	0.	782.77	4000.00
1.256	2335.00	6.41	1.95	1.15	0.	1006.84	4000.00
1.256	2970.00	7.19	.73	1.25	0.	1065.68	4000.00
1.256	4825.00	8.97	1.79	1.49	0.	1201.38	4000.00
1.000	760.00	5.53	0.	1.07	0.	172.39	3600.00
1.000	1465.00	7.57	2.05	1.16	0.	216.90	3600.00
1.000	1880.00	8.41	.84	1.23	0.	236.53	3600.00
1.000	3100.00	10.33	1.92	1.36	0.	290.21	3600.00
1.100	760.00	6.24	0.	.71	0.	232.23	3800.00
1.100	1465.00	8.56	2.33	.99	0.	293.35	3800.00
1.100	1880.00	9.56	.79	1.14	0.	336.71	3800.00
1.100	3100.00	11.82	2.26	1.49	0.	818.16	3800.00



SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.200	760.00	6.24	0.	.00	0.	35.00	100.00
1.200	1465.00	8.54	2.30	-.03	0.	35.00	100.00
1.200	1880.00	9.58	1.04	.02	0.	340.30	100.00
1.200	3100.00	11.85	2.27	.03	0.	826.16	100.00
1.300	760.00	6.26	0.	.02	0.	35.00	22.00
1.300	1465.00	8.73	2.47	.19	0.	35.00	22.00
1.300	1880.00	9.97	1.24	.39	0.	35.00	22.00
1.300	3100.00	11.87	1.90	.02	0.	827.88	22.00
1.400	760.00	6.30	0.	.04	0.	233.56	50.00
1.400	1465.00	8.88	2.58	.15	0.	302.64	50.00
1.400	1880.00	10.20	1.32	.23	0.	371.57	50.00
1.400	3100.00	11.88	1.69	.01	0.	830.53	50.00
2.100	760.00	6.33	0.	.03	0.	256.27	160.00
2.100	1465.00	8.93	2.60	.05	0.	388.69	160.00
2.100	1880.00	10.25	1.32	.05	0.	465.44	160.00
2.100	3100.00	11.97	1.72	.08	0.	788.09	160.00
2.200	760.00	6.38	0.	.05	0.	64.00	100.00
2.200	1465.00	8.97	2.59	.04	0.	414.37	100.00
2.200	1880.00	10.29	1.32	.04	0.	588.79	100.00
2.200	3100.00	12.04	1.75	.07	0.	1463.54	100.00
2.300	760.00	6.42	0.	.05	0.	64.00	25.00
2.300	1465.00	9.19	2.77	.22	0.	433.08	25.00
2.300	1880.00	10.33	1.14	.04	0.	596.04	25.00
2.300	3100.00	12.04	1.71	.00	0.	1463.55	25.00
2.400	760.00	6.42	0.	-.01	0.	260.72	50.00
2.400	1465.00	9.19	2.77	-.00	0.	401.11	50.00
2.400	1880.00	10.33	1.14	-.00	0.	468.58	50.00
2.400	3100.00	12.03	1.70	-.01	0.	796.20	50.00
2.000	620.00	7.15	0.	.73	0.	305.33	6460.00
2.000	1205.00	9.95	2.80	.76	0.	1299.36	6460.00
2.000	1545.00	11.06	1.11	.73	0.	3669.00	6460.00
2.000	2575.00	12.78	1.72	.75	0.	7079.56	6460.00

## FLOOD INSURANCE ZONE DATA FOR 10-YEAR FLOOD

## FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10	2	0.2
1.250	0.	0.	0.	0.
1.251	3000.	-.78	-.33	1.02
1.252	7800.	-1.51	-.57	1.51
1.253	13600.	-2.28	-.77	1.84
1.254	19400.	-2.39	-.70	1.62
1.255	22400.	-2.39	-.67	1.55
1.256	26400.	-2.72	-.78	1.79
1.000	30000.	-2.89	-.84	1.92
1.100	33800.	-3.32	-.99	2.26
1.200	33900.	-3.34	-1.04	2.27
1.300	33922.	-3.71	-1.24	1.90
1.400	33972.	-3.89	-1.32	1.69
2.100	34132.	-3.92	-1.32	1.72
2.200	34232.	-3.91	-1.32	1.75
2.300	34257.	-3.91	-1.14	1.71
2.400	34307.	-3.91	-1.14	1.70
2.000	40767.	-3.91	-1.11	1.72
WEIGHTED AVG FOR REACH		-2.39	-.74	1.60

FHF FOR THE REACH = 025 WITH 64.0 PERCENT OF THE REACH WITHIN 1.0 FEET  
ZONE FOR THE REACH = A 5

## CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

LVC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10	1	DIFF.			
0.							
SEC.							
1	479.	.27	.33	-.66	-.06	005	1.250 100.
2	959.	.80	.48	-.18	-.12	005	100.
3	1437.	.83	.64	-.31	-.18	005	100.
4	1916.	.36	.80	-.44	-.25	005	100.
5	2395.	.40	.95	-.55	-.31	005	100.
6	2874.	.43	1.11	-.68	-.37	005	100.
3000.							
SEC.							
7	3353.	.46	1.25	-.79	-.43	005	1.251 100.
8	3832.	.49	1.36	-.87	-.47	005	100.
9	4311.	.53	1.47	-.94	-.54	005	100.

10	4790.	.56	1.57	-1.01	-.58	005	90.
11	5269.	.59	1.68	-1.09	-.63	005	91.
12	5748.	.62	1.78	-1.16	-.67	005	92.
13	6227.	.66	1.89	-1.23	-.72	005	77.
14	6706.	.69	1.99	-1.30	-.76	010	79.
15	7185.	.72	2.10	-1.38	-.80	010	80.
16	7664.	.75	2.20	-1.45	-.84	010	69.
	7800.						
					SEC.	1.252	
17	8143.	.79	2.31	-1.52	-.88	010	71.
18	8622.	.84	2.43	-1.59	-.92	010	67.
19	9101.	.89	2.54	-1.65	-.96	010	63.
20	9590.	.94	2.65	-1.71	-1.00	010	60.
21	10059.	.99	2.77	-1.78	-1.03	010	62.
22	10538.	1.04	2.88	-1.84	-1.07	010	55.
23	11017.	1.09	3.00	-1.91	-1.11	010	57.
24	11496.	1.15	3.11	-1.96	-1.14	010	54.
25	11975.	1.20	3.23	-2.03	-1.18	010	56.
26	12454.	1.25	3.34	-2.09	-1.21	010	54.
27	12933.	1.30	3.46	-2.16	-1.25	015	52.
28	13412.	1.35	3.57	-2.22	-1.28	015	54.
	13600.						
					SEC.	1.253	
29	13891.	1.42	3.69	-2.27	-1.32	015	48.
30	14370.	1.54	3.83	-2.29	-1.35	015	50.
31	14849.	1.66	3.96	-2.30	-1.38	015	45.
32	15328.	1.79	4.10	-2.31	-1.41	015	47.
33	15807.	1.92	4.23	-2.31	-1.44	015	45.
34	16286.	2.04	4.37	-2.33	-1.46	015	44.
35	16765.	2.17	4.51	-2.34	-1.49	015	43.
36	17244.	2.30	4.64	-2.34	-1.51	015	42.
37	17723.	2.43	4.78	-2.35	-1.53	015	41.
38	18202.	2.55	4.92	-2.37	-1.56	015	39.
39	18681.	2.68	5.05	-2.37	-1.58	015	38.
40	19160.	2.81	5.19	-2.38	-1.60	015	38.
	19400.						
					SEC.	1.254	
41	19639.	2.93	5.31	-2.38	-1.62	015	37.
42	20118.	3.03	5.42	-2.39	-1.63	015	36.
43	20597.	3.13	5.52	-2.39	-1.65	015	35.
44	21076.	3.23	5.61	-2.38	-1.67	015	34.
45	21555.	3.32	5.71	-2.39	-1.68	015	33.
46	22034.	3.42	5.81	-2.39	-1.70	015	33.
	22400.						
					SEC.	1.255	
47	22513.	3.52	5.91	-2.39	-1.71	015	32.
48	22992.	3.63	6.04	-2.41	-1.73	015	33.
49	23471.	3.74	6.19	-2.45	-1.74	015	31.
50	23950.	3.85	6.34	-2.49	-1.76	020	30.
51	24429.	3.95	6.49	-2.54	-1.77	020	31.
52	24908.	4.06	6.64	-2.58	-1.79	020	33.
53	25387.	4.17	6.79	-2.62	-1.80	020	34.
54	25866.	4.28	6.94	-2.66	-1.82	020	35.
55	26345.	4.39	7.09	-2.70	-1.84	020	40.
	26400.						
					SEC.	1.256	
56	26824.	4.52	7.25	-2.73	-1.85	020	41.
57	27303.	4.66	7.41	-2.75	-1.87	020	44.
58	27782.	4.80	7.58	-2.78	-1.88	020	48.

59	28261.	4.94	7.74	-2.80	-1.90	020	54.
60	28740.	5.08	7.90	-2.82	-1.92	020	55.
51	29219.	5.22	8.07	-2.85	-1.93	020	54.
62	29698.	5.37	8.23	-2.86	-1.95	020	55.
	30000.				SEC.	1.000	
63	30177.	5.50	8.39	-2.89	-1.96	020	52.
64	30656.	5.60	8.54	-2.94	-1.98	020	52.
65	31135.	5.69	8.68	-2.99	-1.99	020	52.
66	31614.	5.76	8.83	-3.05	-2.01	020	85.
67	32093.	5.87	8.97	-3.10	-2.02	020	82.
68	32572.	5.96	9.12	-3.16	-2.04	020	81.
69	33051.	6.05	9.26	-3.21	-2.06	020	81.
70	33530.	6.14	9.40	-3.26	-2.07	020	80.
	33800.				SEC.	1.100	
	33900.				SEC.	1.200	
	33922.				SEC.	1.300	
	33972.				SEC.	1.400	
71	34009.	6.25	9.84	-3.59	-2.10	020	79.
	34132.				SEC.	2.100	
	34232.				SEC.	2.200	
	34257.				SEC.	2.300	
	34307.				SEC.	2.400	
72	34488.	6.37	10.28	-3.91	-2.12	020	78.
73	34967.	6.46	10.38	-3.92	-2.15	020	77.
74	35446.	6.52	10.43	-3.91	-2.17	020	76.
75	35925.	6.57	10.48	-3.91	-2.19	020	75.
76	36404.	6.63	10.54	-3.91	-2.22	020	75.
77	36883.	6.68	10.59	-3.91	-2.24	020	73.
78	37362.	6.73	10.65	-3.92	-2.26	025	73.
79	37841.	6.79	10.70	-3.91	-2.28	025	72.
80	38320.	6.84	10.75	-3.91	-2.30	025	71.
81	38799.	6.90	10.81	-3.91	-2.32	025	69.
82	39278.	6.95	10.86	-3.91	-2.34	025	68.
83	39757.	7.00	10.92	-3.92	-2.36	025	67.
84	40236.	7.06	10.97	-3.91	-2.38	025	67.
85	40715.	7.11	11.03	-3.92	-2.40	025	65.
	40767.				SEC.	2.000	

28 @ FHP = 3

13 @ FHP = 35

58 @ FHP = 4

calc. yields 3.55 = FHP  
for reach between  
1. & 2.

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS  
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END  
OF EACH REACH BY INC NO. FOR EXAMPLE 202 70 85  
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

## CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	WEIGHTED AVG DIFFERENCE BETWEEN BASE FLOOD AND		
		10	2	0.2
70	33530.	-2.07	-.65	1.57

FHF FOR REACH 1 = 020 WITH 80. PERCENT OF THE REACH WITHIN 1.0 FEET  
ZONE FOR THE REACH = A 4

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95	40715.	-3.89	-1.13	1.73
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FHF FOR REACH 2 = 040 WITH 100. PERCENT OF THE REACH WITHIN 1.0 FEET  
ZONE FOR THE REACH = A 8

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