
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 CATAWBA CREEK
 T2 GASTON CO. FIS JOB # 207022
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	DIRV	IDIR	STRI	METRIC	HVINS	O	WSEL	FO
	-1.	2.	0.	0.	0.002000	0.0	0.0	0.	580,000	0.0
J2	PROF	PLGT	PREVS	XSECV	XSECH	FN	ALLOD	IRW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	30,000	30,000	40,000	41,000	43,000	42,000	1,000	2,000	26,000	53,000
	54,000	25,000	50,000	0.0	201,000	0.0	0.0	0.0	0.0	0.0
VC	0.110	0.110	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
GI	5,000	2670,000	4280,000	4890,000	7580,000	4890,000	0.0	0.0	0.0	0.0
ET	5,000	0.0	0.0	0.0	0.0	-10,400	0.0	0.0	0.0	0.0
X1	25725,600	19,000	1671,000	1727,000	25725,000	25725,000	25725,000	0.0	0.0	0.0
GR	589,700	1000,000	587,900	1100,000	586,400	1200,000	582,900	1300,000	582,400	1400,000
GR	583,300	1500,000	583,400	1400,000	583,400	1665,000	581,100	1671,000	578,000	1673,000
GR	573,500	1679,000	575,700	1694,000	576,600	1719,000	578,000	1725,000	583,800	1727,000
GR	584,600	1800,000	580,600	1900,000	587,600	2000,000	589,700	2084,000	0.0	0.0
X1	25740,000	0.0	0.0	0.0	15,000	15,000	15,000	0.0	0,730	0.0
X1	25755,000	28,000	1556,000	1670,000	15,000	15,000	15,000	0.0	0.0	0.0
GR	591,500	1000,000	591,500	1100,000	592,000	1200,000	592,200	1300,000	592,400	1400,000
GR	592,900	1500,000	593,200	1555,000	585,200	1556,000	585,000	1568,000	578,500	1583,000
GR	575,100	1300,000	591,400	1500,000	591,400	1595,000	575,100	1595,000	574,900	1611,000

10 YEAR FLOOD WATER SURFACE PROFILE

TCHECK	INO	MINV	IDIR	STRT	METRIC	HVINS	O	WSEL	FO
-1.0	2.	0.	0.	0.002000	0.0	0.0	0.	580,000	0.0
MPRUF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARIABLE CODES FOR SUMMARY PRINTOUT									
39,000	39,000	40,000	41,000	43,000	42,000	1,000	2,000	26,000	53,000
54,000	25,000	50,000	0.0	201,000	0.0	0.0	0.0	0.0	0.0
0.110	0.110	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
5,000	2670,000	4280,000	4890,000	7580,000	4890,000	0.0	0.0	0.0	0.0
5,000	0.0	0.0	0.0	0.0	0.0	-10,400	0.0	0.0	0.0
25725,000	19,000	1671,000	1727,000	25725,000	25725,000	25725,000	0,0	0,0	0,0
589,700	1000,000	587,900	1100,000	586,400	1200,000	582,900	1300,000	582,400	1400,000
583,300	1500,000	583,400	1600,000	583,400	1665,000	581,100	1671,000	578,000	1673,000
573,500	1679,000	575,700	1690,000	576,600	1719,000	578,000	1725,000	583,800	1727,000
584,600	1800,000	580,600	1900,000	587,600	2000,000	589,700	2084,000	0,0	0,0
25740,000	0.0	0.0	0.0	15,000	15,000	15,000	0,0	0,730	0,0
25755,000	28,000	1556,000	1674,000	15,000	15,000	15,000	0,0	0,0	0,0
591,500	1000,000	591,500	1100,000	592,000	1200,000	592,200	1300,000	592,400	1400,000
592,900	1500,000	593,200	1555,000	585,200	1556,000	585,000	1568,000	578,500	1583,000
575,100	1594,000	591,400	1590,000	591,400	1595,000	575,100	1595,000	574,900	1611,000
575,000	1615,000	575,500	1631,000	575,100	1634,000	591,500	1634,000	591,500	1635,000
575,100	1635,000	575,800	1645,000	583,700	1651,000	588,300	1674,000	593,300	1675,000
593,100	1700,000	594,300	1800,000	596,700	1900,000	0,0	0,0	0,0	0,0
0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25756,000	0.0	0.0	0.0	1,000	1,000	1,000	0,0	0,0	0,0
14,000	1000,000	591,500	0.0	1100,000	591,500	0.0	1200,000	592,000	0.0
1300,000	592,200	0.0	1400,000	592,400	0.0	1500,000	592,900	0.0	1555,000
593,200	0.0	1556,000	593,200	591,400	1615,000	593,200	591,500	1674,000	593,200
591,500	1675,000	593,300	0.0	1700,000	593,100	0.0	1800,000	594,300	0.0
1900,000	596,700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	1675.000
VC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XI	25756.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	10.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200
BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	596.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

XI	25784.000	28.000	1556.000	1674.000	28.000	28.000	28.000	0.0	0.0	0.0
BT	10.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200
BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	596.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	591.500	1000.000	591.500	1100.000	592.000	1200.000	592.200	1300.000	592.400	1400.000
GR	592.900	1500.000	593.200	1555.000	585.200	1556.000	585.000	1568.000	578.500	1583.000
GR	575.100	1594.000	591.400	1594.000	591.400	1595.000	575.100	1595.000	574.900	1611.000
GR	575.000	1615.000	575.500	1631.000	575.100	1634.000	591.500	1634.000	591.500	1635.000
GR	575.100	1635.000	575.800	1645.000	583.700	1651.000	588.300	1674.000	593.300	1675.000
GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	0.0
VC	0.050	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

XI	25785.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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XI	25803.000	16.000	1427.000	1473.500	17.500	17.500	17.500	0.0	1.650	0.0
GR	586.800	1000.000	583.200	1100.000	582.400	1200.000	580.700	1275.000	578.600	1279.000
GR	581.100	1283.000	581.800	1300.000	583.500	1400.000	584.600	1427.000	577.500	1437.000
GR	571.600	1445.000	574.600	1457.000	577.500	1472.000	580.800	1473.500	583.600	1500.000
GR	580.800	1515.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

XI	25820.000	0.0	0.0	0.0	17.500	17.500	17.500	0.0	-1.650	0.0
VC	0.075	0.085	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

XI	28900.000	28.000	1281.000	1334.000	3080.000	3080.000	3080.000	0.0	0.0	0.0
GR	588.700	1000.000	593.700	1013.000	598.300	1030.000	588.500	1100.000	588.400	1121.000
GR	586.900	1126.000	588.400	1132.000	589.300	1200.000	588.900	1265.000	583.000	1273.000
GR	589.500	1277.000	589.700	1281.000	584.600	1291.000	583.500	1296.000	582.200	1297.000
GR	582.900	1309.000	579.900	1321.000	583.500	1322.000	588.900	1334.000	591.500	1346.000
GR	590.200	1400.000	590.000	1495.000	589.200	1496.000	587.000	1504.000	589.100	1507.000
GR	591.500	1550.000	593.400	1565.000	588.600	1595.000	0.0	0.0	0.0	0.0
VC	0.090	0.100	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	5.000	2520.000	4040.000	4630.000	7000.000	4630.000	0.0	0.0	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERPOP CORR - 01
 MODIFICATION - 50,51,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECHO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
25725.000	25725.00	0.0	0.0	2670.00	573.50	584.09	0.0	5.37	1266.11	1753.13	867.24	0.0
25725.000	25725.00	0.0	0.0	4280.00	573.50	585.42	0.0	6.01	1228.08	1927.24	1683.95	1.33
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.81	0.0	6.18	1216.90	1940.29	1962.34	0.39
25725.000	25725.00	0.0	0.0	7580.00	573.50	587.20	0.0	6.75	1146.91	1986.55	3037.88	1.39
25740.000	15.00	0.0	0.0	2670.00	574.23	583.94	0.0	6.58	1291.03	1726.80	498.54	0.0
25740.000	15.00	0.0	0.0	4280.00	574.23	585.18	0.0	7.83	1255.71	1786.32	1052.30	1.23
25740.000	15.00	0.0	0.0	4890.00	574.23	585.57	0.0	8.05	1244.47	1908.12	1293.04	0.39
25740.000	15.00	0.0	0.0	7580.00	574.23	587.02	0.0	8.44	1203.17	1956.30	2316.98	1.45
25755.000	15.00	0.0	0.0	2670.00	574.90	584.37	0.0	4.43	1569.44	1654.38	602.29	0.0
25755.000	15.00	0.0	0.0	4280.00	574.90	585.51	0.0	6.07	1555.96	1660.05	705.68	1.13
25755.000	15.00	0.0	0.0	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.17	0.26
25755.000	15.00	0.0	0.0	7580.00	574.90	586.69	0.0	9.13	1555.81	1665.97	830.15	0.92
25756.000	1.00	591.50	591.50	2670.00	574.90	584.38	0.0	4.43	1569.44	1654.39	602.43	0.0
25756.000	1.00	591.50	591.50	4280.00	574.90	585.51	0.0	6.06	1555.96	1660.06	705.87	1.14
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.36	732.59	0.26
25756.000	1.00	591.50	591.50	7580.00	574.90	586.70	0.0	9.13	1555.81	1665.98	830.44	0.93
25784.000	28.00	591.50	591.50	2670.00	574.90	584.44	0.0	4.39	1569.29	1654.70	607.59	0.0
25784.000	28.00	591.50	591.50	4280.00	574.90	585.65	0.0	5.94	1555.94	1660.77	720.39	1.21
25784.000	28.00	591.50	591.50	4890.00	574.90	585.95	0.0	6.52	1555.91	1662.23	751.57	0.29
25784.000	28.00	591.50	591.50	7580.00	574.90	587.05	0.0	8.73	1555.77	1667.74	868.69	1.10
25785.000	1.00	0.0	0.0	2670.00	574.90	584.45	0.0	4.39	1569.28	1654.73	608.18	0.0
25785.000	1.00	0.0	0.0	4280.00	574.90	585.66	0.0	5.94	1555.94	1660.79	720.76	1.21
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.25	751.08	0.29
25785.000	1.00	0.0	0.0	7580.00	574.90	587.06	0.0	8.72	1555.77	1667.78	869.54	1.11

	17.50	0.0	0.0	2670.00	573.25	584.05	0.0	8.20	1199.25	1515.00	423.31	0.0
25803.000	17.50	0.0	0.0	2670.00	573.25	584.05	0.0	8.20	1199.25	1515.00	423.31	0.0
25803.000	17.50	0.0	0.0	4280.00	573.25	585.72	0.0	7.24	1075.60	1515.00	998.67	1.67
25803.000	17.50	0.0	0.0	4890.00	573.25	586.26	0.0	6.76	1060.68	1515.00	1235.19	0.53
25803.000	17.50	0.0	0.0	7580.00	573.25	588.08	0.0	6.00	1010.27	1515.00	2105.24	1.83
25820.000	17.50	0.0	0.0	2670.00	571.60	585.01	0.0	3.22	1049.63	1515.00	1417.97	0.0
25820.000	17.50	0.0	0.0	4280.00	571.60	586.23	0.0	3.57	1015.68	1515.00	2007.58	1.22
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.45	1515.00	2211.72	0.41
25820.000	17.50	0.0	0.0	7580.00	571.60	588.29	0.0	3.90	1000.00	1515.00	3063.09	1.66

SECNO	XLCH	ELTRD	ELIC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
C ✓ 28900.000	3080.00	0.0	0.0	2670.00	579.90	589.20	588.25	8.68	1000.00	1595.00	442.40	0.0
28900.000	3080.00	0.0	0.0	4280.00	579.90	590.43	0.0	8.80	1000.00	1595.00	900.07	1.23
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.79	0.0	8.79	1000.00	1595.00	1079.00	0.37
28900.000	3080.00	0.0	0.0	7580.00	579.90	592.08	0.0	8.89	1000.00	1595.00	1775.77	1.28
D ✓ 31780.000	2880.00	0.0	0.0	2520.00	586.40	597.51	0.0	4.37	1046.36	1243.17	850.74	0.0
31780.000	2880.00	0.0	0.0	4040.00	586.40	599.03	0.0	5.43	1038.34	1248.98	1160.66	1.52
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.49	0.0	5.82	1035.94	1250.71	1257.16	0.45
31780.000	2880.00	0.0	0.0	7040.00	586.40	601.04	0.0	7.15	1027.73	1256.70	1602.63	1.56
E ✓ 33325.000	1545.00	0.0	0.0	2520.00	587.10	599.24	0.0	4.33	1070.28	1160.28	603.89	0.0
33325.000	1545.00	0.0	0.0	4040.00	587.10	601.18	0.0	5.54	1060.58	1252.95	808.68	1.93
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.56	918.37	0.60
33325.000	1545.00	0.0	0.0	7040.00	587.10	603.81	0.0	7.20	1048.36	1273.15	1349.05	2.03
33363.000	38.00	0.0	0.0	2520.00	588.03	599.24	0.0	4.87	1074.96	1158.59	522.69	0.0
33363.000	38.00	0.0	0.0	4040.00	588.03	601.16	0.0	6.16	1065.34	1162.85	696.08	1.92
33363.000	38.00	0.0	0.0	4630.00	588.03	601.75	0.0	6.61	1062.39	1250.17	759.24	0.59
33363.000	38.00	0.0	0.0	7040.00	588.03	603.74	0.0	8.04	1052.82	1265.47	1130.61	1.99
✓ 33400.000	37.00	0.0	0.0	2520.00	588.90	599.30	0.0	4.86	1112.78	1187.34	518.22	0.0
33400.000	37.00	0.0	0.0	4040.00	588.90	601.25	0.0	6.05	1110.42	1188.48	668.46	1.95
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.18	0.60
33400.000	37.00	0.0	0.0	7040.00	588.90	603.80	0.0	8.05	1108.58	1271.68	934.24	1.95
33401.000	1.00	602.90	603.20	2520.00	588.90	599.30	0.0	4.86	1112.77	1187.36	518.86	0.0
33401.000	1.00	602.90	603.20	4040.00	588.90	601.25	0.0	6.10	1110.42	1188.48	661.92	1.95
33401.000	1.00	602.90	603.20	4630.00	588.90	601.82	0.0	6.72	1109.74	1188.58	689.02	0.57
33401.000	1.00	602.90	603.20	7040.00	588.90	603.49	0.0	9.71	1108.64	1264.02	755.96	1.67

33363.000	38.00	0.0	0.0	7040.00	588.03	603.74	0.0	8.04	1052.82	1265.47	1130.61	1.99
33400.000	37.00	0.0	0.0	2520.00	588.90	599.30	0.0	4.86	1112.78	1187.34	518.22	0.0
33400.000	37.00	0.0	0.0	4040.00	588.90	601.25	0.0	6.05	1110.42	1188.48	668.46	1.95
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.18	0.60
33400.000	37.00	0.0	0.0	7040.00	588.90	603.80	0.0	8.05	1108.58	1271.68	934.24	1.95
33401.000	1.00	602.90	603.20	2520.00	588.90	599.30	0.0	4.86	1112.77	1187.36	518.86	0.0
33401.000	1.00	602.90	603.20	4040.00	588.90	601.25	0.0	6.10	1110.42	1188.48	661.92	1.95
33401.000	1.00	602.90	603.20	4630.00	588.90	601.82	0.0	6.72	1109.74	1188.58	689.02	0.57
33401.000	1.00	602.90	603.20	7040.00	588.90	603.49	0.0	9.71	1108.64	1264.02	755.96	1.67
33419.000	18.10	602.90	603.20	2520.00	588.90	599.34	0.0	4.83	1112.73	1187.46	521.31	0.0
33419.000	18.10	602.90	603.20	4040.00	588.90	601.31	0.0	6.08	1110.36	1188.49	664.45	1.97
33419.000	18.10	602.90	603.20	4630.00	588.90	601.91	0.0	6.69	1109.64	1188.59	692.48	0.59
33419.000	18.10	602.90	603.20	7040.00	588.90	603.75	0.0	9.62	1108.59	1270.20	776.25	1.84
33420.000	1.00	0.0	0.0	2520.00	588.90	599.34	0.0	4.83	1112.73	1187.47	521.69	0.0
33420.000	1.00	0.0	0.0	4040.00	588.90	601.33	0.0	6.00	1110.34	1188.49	673.97	1.99
33420.000	1.00	0.0	0.0	4630.00	588.90	601.98	0.0	6.39	1109.55	1188.60	725.24	0.64
33420.000	1.00	0.0	0.0	7040.00	588.90	604.35	0.0	7.57	1108.48	1284.62	1026.34	2.37
33485.000	65.00	0.0	0.0	2520.00	588.72	599.57	0.0	5.06	1036.32	1147.86	526.11	0.0
33485.000	65.00	0.0	0.0	4040.00	588.72	601.63	0.0	6.21	1028.74	1200.55	788.23	2.05
33485.000	65.00	0.0	0.0	4630.00	588.72	602.32	0.0	6.49	1026.19	1204.01	907.08	0.69
33485.000	65.00	0.0	0.0	7040.00	588.72	604.90	0.0	7.11	1016.66	1211.00	1391.83	2.58
33550.000	65.00	0.0	0.0	2520.00	588.50	599.85	0.0	4.76	1034.53	1153.69	579.98	0.0
33550.000	65.00	0.0	0.0	4040.00	588.50	601.97	0.0	5.76	1026.65	1203.38	884.81	2.13
33550.000	65.00	0.0	0.0	4630.00	588.50	602.68	0.0	6.01	1024.06	1206.90	1011.35	0.70
33550.000	65.00	0.0	0.0	7040.00	588.50	605.23	0.0	6.68	1014.65	1211.00	1498.19	2.55
38340.000	4790.00	0.0	0.0	2460.00	595.80	608.37	0.0	4.59	1035.79	1137.30	597.83	0.0
38340.000	4790.00	0.0	0.0	3910.00	595.80	611.07	0.0	5.46	1024.84	1147.16	901.12	2.70
38340.000	4790.00	0.0	0.0	4470.00	595.80	611.91	0.0	5.76	1021.66	1150.21	1005.90	0.84
38340.000	4790.00	0.0	0.0	6340.00	595.80	614.49	0.0	6.51	1011.84	1156.00	1360.31	2.58

SECNO XLCH ELTRD ELLC FLMIN CWSEL CRIWS VCH SSTA ENDST AREA DIFWSP

40230.000	1890.00	0.0	0.0	2460.00	595.70	610.38	0.0	4.52	1089.98	1146.39	543.94	0.0
40230.000	1890.00	0.0	0.0	3910.00	595.70	613.16	0.0	5.39	1020.99	1206.44	858.40	2.78

SECNUM	XLCH	ELTRD	ELLC	ELMIN	FWSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP
40230.000	1890.00	0.0	0.0	595.70	610.38	0.0	4.52	1089.98	1146.39	543.94	0.0
40230.000	1890.00	0.0	0.0	595.70	613.16	0.0	5.39	1020.99	1206.44	858.40	2.78
40230.000	1890.00	0.0	0.0	595.70	614.01	0.0	5.58	1015.61	1227.85	1028.63	0.86
40230.000	1890.00	0.0	0.0	595.70	616.57	0.0	5.84	1000.00	1250.00	1639.20	2.56
40246.000	16.00	0.0	0.0	598.13	610.25	0.0	5.89	1092.47	1143.34	406.07	0.0
40246.000	16.00	0.0	0.0	598.13	612.97	0.0	6.89	1089.83	1146.57	552.63	2.72
40246.000	16.00	0.0	0.0	598.13	613.78	0.0	7.28	1054.19	1158.93	602.27	0.81
40246.000	16.00	0.0	0.0	598.13	616.28	0.0	7.80	1016.64	1223.76	994.34	2.50
40242.000	16.00	0.0	0.0	600.60	610.10	0.0	7.30	1196.33	1247.95	327.34	0.0
40262.000	16.00	0.0	0.0	600.60	612.84	0.0	8.06	1193.68	1252.31	472.77	2.74
40262.000	16.00	0.0	0.0	600.60	613.65	0.0	8.38	1191.16	1253.61	520.32	0.81
40262.000	16.00	0.0	0.0	600.60	616.08	0.0	9.00	1183.62	1257.47	680.99	2.43
40263.000	1.00	618.90	619.60	600.60	610.10	0.0	7.30	1196.33	1247.95	327.49	0.0
40263.000	1.00	618.90	619.60	600.60	612.84	0.0	8.06	1193.67	1252.32	472.97	2.74
40263.000	1.00	618.90	619.60	600.60	613.66	0.0	8.38	1191.15	1253.61	520.58	0.81
40263.000	1.00	618.90	619.60	600.60	616.09	0.0	9.00	1183.61	1257.48	681.22	2.43
40286.000	23.20	618.90	619.60	600.60	610.31	0.0	7.07	1196.13	1248.29	338.08	0.0
40286.000	23.20	618.90	619.60	600.60	613.06	0.0	7.85	1193.00	1252.66	485.38	2.75
40286.000	23.20	618.90	619.60	600.60	613.89	0.0	8.15	1190.42	1253.98	534.77	0.83
40286.000	23.20	618.90	619.60	600.60	616.33	0.0	8.77	1182.84	1257.87	699.13	2.44
40287.000	1.00	0.0	0.0	600.60	610.32	0.0	7.06	1196.13	1248.30	338.42	0.0
40287.000	1.00	0.0	0.0	600.60	613.07	0.0	7.84	1192.97	1252.67	485.77	2.75
40287.000	1.00	0.0	0.0	600.60	613.90	0.0	8.15	1190.40	1253.99	535.20	0.83
40287.000	1.00	0.0	0.0	600.60	616.34	0.0	8.76	1182.82	1257.88	699.67	2.44
40309.000	21.40	0.0	0.0	600.33	610.70	0.0	5.87	1101.64	1162.51	422.40	0.0
40309.000	21.40	0.0	0.0	600.33	613.50	0.0	6.41	1057.84	1171.27	674.02	2.80
40309.000	21.40	0.0	0.0	600.33	614.38	0.0	6.64	1050.44	1173.60	777.00	0.87
40309.000	21.40	0.0	0.0	600.33	616.54	0.0	7.10	1006.64	1180.43	1157.37	2.56
40330.000	21.40	0.0	0.0	600.10	610.79	0.0	5.44	1098.10	1163.55	442.59	0.0
40330.000	21.40	0.0	0.0	600.10	613.59	0.0	6.18	1055.70	1172.12	710.82	2.80
40330.000	21.40	0.0	0.0	600.10	614.47	0.0	6.40	1044.93	1174.46	817.69	0.88
40330.000	21.40	0.0	0.0	600.10	617.03	0.0	6.87	1001.13	1181.29	1214.35	2.56

40200.000	23.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
✓ 40287.000	1.00	0.0	0.0	2390.00	600.60	610.32	0.0	7.06	1196.13	1248.30	338.42	0.0	0.0
✓ 40287.000	1.00	0.0	0.0	3810.00	600.60	613.07	0.0	7.84	1192.97	1252.67	485.77	2.75	2.75
40287.000	1.00	0.0	0.0	4360.00	600.60	613.90	0.0	8.15	1190.40	1253.99	535.20	0.83	0.83
40287.000	1.00	0.0	0.0	6130.00	600.60	616.34	0.0	8.76	1182.82	1257.88	699.67	2.44	2.44
40309.000	21.40	0.0	0.0	2390.00	600.33	610.70	0.0	5.67	1101.64	1162.51	422.40	0.0	0.0
40309.000	21.40	0.0	0.0	3810.00	600.33	613.50	0.0	6.41	1057.84	1171.27	674.02	2.80	2.80
40309.000	21.40	0.0	0.0	4360.00	600.33	614.38	0.0	6.64	1050.44	1173.60	777.00	0.87	0.87
40309.000	21.40	0.0	0.0	6130.00	600.33	616.94	0.0	7.10	1006.64	1180.43	1157.37	2.56	2.56
40330.000	21.40	0.0	0.0	2390.00	600.10	610.79	0.0	5.44	1098.10	1163.55	442.59	0.0	0.0
✓ 40330.000	21.40	0.0	0.0	3810.00	600.10	613.59	0.0	6.18	1055.70	1172.12	710.82	2.80	2.80
✓ 40330.000	21.40	0.0	0.0	4360.00	600.10	614.47	0.0	6.40	1044.93	1174.46	817.69	0.88	0.88
40330.000	21.40	0.0	0.0	6130.00	600.10	617.03	0.0	6.87	1001.13	1181.29	1214.35	2.56	2.56
41700.000	1370.00	0.0	0.0	2390.00	604.80	613.85	0.0	5.84	1078.41	1140.74	410.61	0.0	0.0
✓ 41700.000	1370.00	0.0	0.0	3810.00	604.80	616.26	0.0	6.65	1032.89	1224.00	706.16	2.41	2.41
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.03	0.0	6.84	1027.03	1224.00	842.99	0.77	0.77
41700.000	1370.00	0.0	0.0	6130.00	604.80	619.26	0.0	7.20	1000.00	1224.00	1319.42	2.23	2.23
46900.000	5200.00	0.0	0.0	2120.00	616.40	626.84	0.0	5.47	1164.58	1223.12	388.00	0.0	0.0
✓ 46900.000	5200.00	0.0	0.0	3410.00	616.40	629.00	0.0	6.58	1000.00	1243.39	559.23	2.16	2.16
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.63	0.0	6.96	1000.00	1245.12	644.40	0.63	0.63
46900.000	5200.00	0.0	0.0	5360.00	616.40	630.98	0.0	7.90	1000.00	1248.88	896.72	1.36	1.36

SUMMARY OF ERRORS

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND
102	22	0.22

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10%	2%	0.2%
25725.000	0.	-1.7	-0.4	1.4
25740.000	15.	-1.5	-0.4	1.4
25755.000	30.	-1.4	-0.3	0.9
25756.000	31.	-1.4	-0.3	0.9
25784.000	59.	-1.5	-0.3	1.1
25785.000	60.	-1.5	-0.3	1.1
25803.000	78.	-2.2	-0.5	1.8
25820.000	95.	-1.6	-0.4	1.7
28900.000	3175.	-1.6	-0.4	1.3
31780.000	6055.	-2.0	-0.5	1.6
33325.000	7600.	-2.5	-0.6	2.0
33363.000	7630.	-2.5	-0.6	2.0
33400.000	7675.	-2.5	-0.6	2.0
33401.000	7676.	-2.5	-0.6	1.7
33419.000	7694.	-2.6	-0.6	1.8
33420.000	7695.	-2.6	-0.6	2.4
33485.000	7760.	-2.7	-0.7	2.6
33550.000	7825.	-2.8	-0.7	2.5
38340.000	12615.	-3.5	-0.8	2.6
40230.000	14505.	-3.6	-0.9	2.6
40246.000	14521.	-3.5	-0.8	2.5
40262.000	14537.	-3.5	-0.8	2.4
40263.000	14538.	-3.6	-0.8	2.4
40286.000	14561.	-3.6	-0.8	2.4
40287.000	14562.	-3.6	-0.8	2.4
40309.000	14584.	-3.7	-0.9	2.6
40330.000	14605.	-3.7	-0.9	2.6
41700.000	15975.	-3.2	-0.8	2.2
46900.000	21175.	-2.8	-0.6	1.4
WEIGHTED AVG FOR REACH		-2.7	-0.6	2.0

FHF FOR THE REACH = .025 WITH 85.2% OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A-5

	25740.000	0.0	0.0	0.0	15.000	15.000	15.000	0.0	0.730	0.0
X1	25740.000	0.0	0.0	0.0	15.000	15.000	15.000	0.0	0.730	0.0
X1	25755.000	28.000	1556.000	1674.000	15.000	15.000	15.000	0.0	0.0	0.0
GR	591.500	1000.000	591.500	1100.000	592.000	1200.000	592.200	1300.000	592.400	1400.000
GR	592.900	1500.000	593.200	1555.000	585.200	1556.000	585.000	1568.000	578.500	1583.000
GR	575.100	1594.000	591.400	1594.000	591.400	1595.000	575.100	1595.000	574.900	1611.000
GR	575.000	1615.000	575.500	1631.000	575.100	1634.000	591.500	1634.000	591.500	1635.000
GR	575.100	1635.000	575.800	1645.000	583.700	1651.000	588.300	1674.000	593.300	1675.000
GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	0.0
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25756.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	14.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200
BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	596.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25784.000	28.000	1556.000	1674.000	28.000	28.000	28.000	0.0	0.0	0.0
BT	14.000	1000.000	591.500	0.0	1100.000	591.500	0.0	1200.000	592.000	0.0
BT	1300.000	592.200	0.0	1400.000	592.400	0.0	1500.000	592.900	0.0	1555.000
BT	593.200	0.0	1556.000	593.200	591.400	1615.000	593.200	591.500	1674.000	593.200
BT	591.500	1675.000	593.300	0.0	1700.000	593.100	0.0	1800.000	594.300	0.0
BT	1900.000	596.700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	591.500	1000.000	591.500	1100.000	592.000	1200.000	592.200	1300.000	592.400	1400.000
GR	592.900	1500.000	593.200	1555.000	585.200	1556.000	585.000	1568.000	578.500	1583.000
GR	575.100	1594.000	591.400	1594.000	591.400	1595.000	575.100	1595.000	574.900	1611.000
GR	575.000	1615.000	575.500	1631.000	575.100	1634.000	591.500	1634.000	591.500	1635.000
GR	575.100	1635.000	575.800	1645.000	583.700	1651.000	588.300	1674.000	593.300	1675.000
GR	593.100	1700.000	594.300	1800.000	596.700	1900.000	0.0	0.0	0.0	0.0
NC	0.050	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25785.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
X1	25803.000	16.000	1427.000	1473.500	17.500	17.500	17.500	0.0	1.650	0.0
GR	586.800	1000.000	583.200	1100.000	582.400	1200.000	580.700	1275.000	578.600	1279.000
GR	591.100	1283.000	591.200	1300.000	583.500	1400.000	584.600	1427.000	577.500	1437.000
GR	571.600	1445.000	574.600	1457.000	577.500	1472.000	580.800	1473.500	583.600	1500.000
GP	580.800	1515.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	25820.000	0.0	0.0	0.0	17.500	17.500	17.500	0.0	-1.650	0.0

X1	33325.000	13.000	1092.000	1162.000	1545.000	1545.000	1545.000	0.0	0.0	0.0
GR	611.100	1000.000	606.800	1035.000	602.100	1056.000	597.700	1078.000	598.200	1092.000
GR	589.100	1104.000	587.100	1112.000	588.200	1125.000	589.100	1142.000	600.200	1162.000
GR	601.600	1200.000	600.800	1250.000	604.700	1280.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0

X1	33363.000	0.0	0.0	0.0	38.000	38.000	38.000	0.0	0.930	0.0
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X1	33400.000	19.000	1108.800	1188.200	37.000	37.000	37.000	0.0	0.0	0.0
GR	612.900	1000.000	609.100	1050.000	606.600	1100.000	606.100	1107.800	607.600	1107.900
GR	602.600	1108.800	594.800	1118.200	590.500	1126.200	588.900	1142.200	590.000	1156.200
GR	592.500	1168.200	599.600	1188.200	604.900	1189.100	603.400	1189.200	602.900	1200.000
GR	602.900	1250.000	605.000	1300.000	607.100	1350.000	609.500	1400.000	0.0	0.0
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33401.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	14.000	1000.000	612.900	0.0	1050.000	609.100	0.0	1100.000	606.600	0.0
BT	1107.800	606.100	0.0	1107.900	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	604.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33419.000	19.000	1108.800	1188.200	18.100	18.100	18.100	0.0	0.0	0.0
BT	14.000	1000.000	612.900	0.0	1050.000	609.100	0.0	1100.000	606.600	0.0
BT	1107.800	606.100	0.0	1107.900	607.600	0.0	1108.800	607.500	603.200	1188.200
BT	604.900	600.600	1189.100	604.900	0.0	1189.200	603.400	0.0	1200.000	602.900
BT	0.0	1250.000	602.900	0.0	1300.000	605.000	0.0	1350.000	607.100	0.0
BT	1400.000	609.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	612.900	1000.000	609.100	1050.000	606.600	1100.000	606.100	1107.800	607.600	1107.900
GR	602.600	1108.800	594.800	1118.200	590.500	1126.200	588.900	1142.200	590.000	1156.200
GR	592.500	1168.200	599.600	1188.200	604.900	1189.100	603.400	1189.200	602.900	1200.000
GR	602.900	1250.000	605.000	1300.000	607.100	1350.000	609.500	1400.000	0.0	0.0
NC	0.110	0.110	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	33420.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
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X1	33485.000	12.000	1055.000	1111.000	65.000	65.000	65.000	0.0	0.220	0.0
GR	609.200	1000.000	598.900	1038.000	598.000	1055.000	590.000	1063.000	589.200	1065.000
GR	588.500	1094.000	590.000	1103.000	599.900	1111.000	598.200	1134.000	601.700	1176.000
GR	601.100	1199.000	603.500	1211.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	7.100	1047.000	1120.000	0.0	0.0

GR	601.100	1192.000	603.500	1211.000	0.0	0.0	0.0	1134.000	601.700	1276.000
ET	5.000	0.0	0.0	0.0	0.0	7.100	1047.000	1120.000	0.0	0.0
X1	33550.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	-0.220	0.0
NC	0.100	0.110	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	2460.000	3910.000	4470.000	6340.000	4470.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-6.400	0.0	0.0	0.0	0.0
X1	38340.000	12.000	1056.000	1108.000	4790.000	4790.000	4790.000	0.0	0.0	0.0
GR	617.600	1000.000	609.200	1032.000	606.800	1043.000	606.600	1056.000	596.900	1060.000
GR	595.800	1078.000	596.000	1091.000	596.900	1096.000	603.600	1101.000	607.300	1108.000
GR	606.100	1129.000	613.500	1156.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.075	0.080	0.042	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	-4.400	0.0	0.0	0.0	0.0
X1	40230.000	14.000	1089.000	1147.000	1890.000	1890.000	1890.000	0.0	0.0	0.0
GR	616.500	1000.000	612.200	1027.000	611.200	1059.000	612.500	1071.000	611.400	1089.000
GR	605.200	1095.000	600.800	1103.000	597.200	1105.000	595.700	1114.000	598.000	1129.000
GR	600.800	1135.000	610.900	1147.000	612.900	1200.000	614.900	1250.000	0.0	0.0
QT	5.000	2390.000	3810.000	4360.000	6130.000	4360.000	0.0	0.0	0.0	0.0
X1	40246.000	0.0	0.0	0.0	16.000	16.000	16.000	0.0	2.430	0.0
X1	40262.000	25.000	1182.000	1259.100	16.000	16.000	16.000	0.0	0.0	0.0
GR	625.400	1000.000	622.700	1050.000	621.300	1100.000	618.900	1150.000	620.600	1181.000
GR	616.600	1182.000	612.800	1193.800	604.700	1201.400	619.500	1201.400	619.500	1202.400
GR	604.700	1202.400	602.500	1209.300	601.000	1220.600	600.600	1223.900	602.800	1236.200
GR	605.300	1240.400	619.500	1240.400	619.500	1241.400	605.300	1241.400	609.000	1246.200
GR	617.100	1259.100	620.800	1260.100	621.300	1300.000	623.100	1350.000	625.400	1388.000
NC	0.060	0.060	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	40263.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	12.000	1000.000	625.400	0.0	1050.000	622.700	0.0	1100.000	621.300	0.0
BT	1150.000	618.900	0.0	1181.000	620.600	0.0	1182.000	620.700	619.500	1220.600
BT	620.700	619.500	1259.100	620.800	619.600	1260.100	620.800	0.0	1300.000	621.300
BT	0.0	1350.000	623.100	0.0	1388.000	625.400	0.0	0.0	0.0	0.0
X1	40246.000	25.000	1182.000	1259.100	23.200	23.200	23.200	0.0	0.0	0.0
BT	12.000	1000.000	625.400	0.0	1050.000	622.700	0.0	1100.000	621.300	0.0
BT	1150.000	618.900	0.0	1181.000	620.600	0.0	1182.000	620.700	619.500	1220.600
BT	620.700	619.500	1259.100	620.800	619.600	1260.100	620.800	0.0	1300.000	621.300
BT	0.0	1350.000	623.100	0.0	1388.000	625.400	0.0	0.0	0.0	0.0
BT	625.400	1000.000	622.700	1050.000	621.300	1100.000	618.900	1150.000	620.600	1181.000

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	D	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UIFWSP
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.80	0.0	6.19	1217.14	1940.01	1956.21	0.0
* 25725.000	25725.00	0.0	0.0	4890.00	573.50	586.80	0.0	6.61	1509.39	1780.85	1305.05	1.00
25740.000	15.00	0.0	0.0	4890.00	574.23	585.56	0.0	8.07	1244.79	1907.74	1285.58	0.0
25740.000	15.00	0.0	0.0	4890.00	574.23	586.41	0.0	8.83	1634.95	1735.35	640.72	0.85
25755.000	15.00	0.0	0.0	4890.00	574.90	585.76	0.0	6.68	1555.93	1661.32	731.75	0.0
25755.000	15.00	0.0	0.0	4890.00	574.90	587.23	0.0	5.49	1556.00	1668.72	890.10	1.47
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.14	0.0
25756.000	1.00	591.50	591.50	4890.00	574.90	587.24	0.0	5.50	1556.00	1668.69	889.51	1.47
25784.000	28.00	591.50	591.50	4890.00	574.90	585.94	0.0	6.52	1555.91	1662.20	750.13	0.0
25784.000	28.00	591.50	591.50	4890.00	574.90	587.33	0.0	5.44	1556.00	1669.13	899.12	1.39
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.23	750.62	0.0
25785.000	1.00	0.0	0.0	4890.00	574.90	587.33	0.0	5.43	1556.00	1669.17	900.12	1.39
25803.000	17.50	0.0	0.0	4890.00	573.25	586.24	0.0	6.81	1061.28	1515.00	1225.30	0.0
* 25803.000	17.50	0.0	0.0	4890.00	573.25	587.29	0.0	7.24	1273.50	1487.10	963.17	1.05
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.52	1515.00	2210.36	0.0
25820.000	17.50	0.0	0.0	4890.00	571.60	587.81	0.0	3.78	1210.93	1499.50	1886.45	1.18
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.80	0.0	8.78	1000.00	1595.00	1080.20	0.0
* 28900.000	3080.00	0.0	0.0	4890.00	579.90	591.51	0.0	9.46	1168.00	1468.00	845.90	0.71
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	O	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UIFWSP
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.80	0.0	6.19	1217.14	1940.01	1956.21	0.0
25725.000	25725.00	0.0	0.0	4890.00	573.50	586.80	0.0	6.61	1509.39	1780.85	1305.05	1.0
25740.000	15.00	0.0	0.0	4890.00	574.23	585.56	0.0	8.07	1244.79	1907.74	1285.58	0.0
25740.000	15.00	0.0	0.0	4890.00	574.23	586.41	0.0	8.63	1634.95	1735.35	640.72	0.8
25755.000	15.00	0.0	0.0	4890.00	574.90	585.76	0.0	6.68	1555.93	1661.32	731.75	0.0
25755.000	15.00	0.0	0.0	4890.00	574.90	587.23	0.0	5.49	1556.00	1668.72	890.10	1.4
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.14	0.0
25756.000	1.00	591.50	591.50	4890.00	574.90	587.24	0.0	5.50	1556.00	1668.69	889.51	1.4
25784.000	28.00	591.50	591.50	4890.00	574.90	585.94	0.0	6.52	1555.91	1662.20	750.13	0.0
25784.000	28.00	591.50	591.50	4890.00	574.90	587.33	0.0	5.44	1556.00	1669.13	899.12	1.3
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.23	750.62	0.0
25785.000	1.00	0.0	0.0	4890.00	574.90	587.33	0.0	5.43	1556.00	1669.17	900.12	1.3
25803.000	17.50	0.0	0.0	4890.00	573.25	586.24	0.0	6.81	1061.28	1515.00	1225.30	0.0
25803.000	17.50	0.0	0.0	4890.00	573.25	587.29	0.0	7.24	1273.50	1487.10	963.17	1.0
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.52	1515.00	2210.36	0.0
25820.000	17.50	0.0	0.0	4890.00	571.60	587.81	0.0	3.78	1210.93	1499.50	1886.45	1.1
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.80	0.0	8.78	1000.00	1595.00	1080.20	0.0
28900.000	3080.00	0.0	0.0	4890.00	579.90	591.51	0.0	9.46	1168.00	1468.00	845.90	0.7
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0
31780.000	2880.00	0.0	0.0	4630.00	586.40	600.16	0.0	5.88	1081.46	1226.41	1119.08	0.6
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.55	918.25	0.0
33325.000	1545.00	0.0	0.0	4630.00	587.10	602.39	0.0	5.79	1092.00	1162.00	799.35	0.6

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UFWSP
25725.000	25725.00	0.0	0.0	4890.00	573.50	585.80	0.0	6.19	1217.14	1940.01	1956.21	0.0
25725.000	25725.00	0.0	0.0	4890.00	573.50	586.80	0.0	6.61	1509.39	1780.85	1305.05	1.00
25740.000	15.00	0.0	0.0	4890.00	574.23	585.56	0.0	8.07	1244.79	1907.74	1285.58	0.0
25740.000	15.00	0.0	0.0	4890.00	574.23	586.41	0.0	8.83	1634.95	1735.35	640.72	0.85
25755.000	15.00	0.0	0.0	4890.00	574.90	585.76	0.0	6.68	1555.93	1661.32	731.75	0.0
25755.000	15.00	0.0	0.0	4890.00	574.90	587.23	0.0	5.49	1556.00	1668.72	890.10	1.47
25756.000	1.00	591.50	591.50	4890.00	574.90	585.77	0.0	6.68	1555.93	1661.34	732.14	0.0
25756.000	1.00	591.50	591.50	4890.00	574.90	587.24	0.0	5.50	1556.00	1668.69	889.51	1.47
25784.000	28.00	591.50	591.50	4890.00	574.90	585.94	0.0	6.52	1555.91	1662.20	750.13	0.0
25784.000	28.00	591.50	591.50	4890.00	574.90	587.33	0.0	5.44	1556.00	1669.13	899.12	1.3
25785.000	1.00	0.0	0.0	4890.00	574.90	585.95	0.0	6.51	1555.91	1662.23	750.62	0.0
25785.000	1.00	0.0	0.0	4890.00	574.90	587.33	0.0	5.43	1556.00	1669.17	900.12	1.3
25803.000	17.50	0.0	0.0	4890.00	573.25	586.24	0.0	6.81	1061.28	1515.00	1225.30	0.0
25803.000	17.50	0.0	0.0	4890.00	573.25	587.29	0.0	7.24	1273.50	1487.10	963.17	1.0
25820.000	17.50	0.0	0.0	4890.00	571.60	586.64	0.0	3.67	1004.52	1515.00	2210.36	0.0
25820.000	17.50	0.0	0.0	4890.00	571.60	587.81	0.0	3.78	1210.93	1499.50	1886.45	1.1
28900.000	3080.00	0.0	0.0	4890.00	579.90	590.80	0.0	8.78	1000.00	1595.00	1080.20	0.0
28900.000	3080.00	0.0	0.0	4890.00	579.90	591.51	0.0	9.46	1168.00	1468.00	845.90	0.7
31780.000	2880.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0
31780.000	2880.00	0.0	0.0	4630.00	586.40	600.16	0.0	5.88	1081.46	1226.41	1119.08	0.6
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.55	918.25	0.0
33325.000	1545.00	0.0	0.0	4630.00	587.10	602.39	0.0	5.79	1092.00	1162.00	799.35	0.6
33363.000	38.00	0.0	0.0	4630.00	588.03	601.75	0.0	6.61	1062.40	1250.16	759.15	0.0
33363.000	38.00	0.0	0.0	4630.00	588.03	602.39	0.0	6.31	1092.00	1162.00	733.96	0.6
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.12	0.0
33400.000	37.00	0.0	0.0	4630.00	588.90	602.52	0.0	6.03	1108.90	1188.20	767.33	0.6

31795.00	31795.00	0.0	0.0	4630.00	586.40	599.48	0.0	5.82	1035.95	1250.71	1256.77	0.0
31795.000	31795.000	0.0	0.0	4630.00	586.40	600.16	0.0	5.88	1081.46	1226.41	1119.08	0.67
33325.000	1545.00	0.0	0.0	4630.00	587.10	601.78	0.0	5.94	1057.59	1257.55	918.25	0.0
33325.000	1545.00	0.0	0.0	4630.00	587.10	602.39	0.0	5.79	1092.00	1162.00	799.35	0.61
33363.000	38.00	0.0	0.0	4630.00	588.03	601.75	0.0	6.61	1062.40	1250.16	759.15	0.0
33363.000	38.00	0.0	0.0	4630.00	588.03	602.39	0.0	6.31	1092.00	1162.00	733.96	0.64
33400.000	37.00	0.0	0.0	4630.00	588.90	601.85	0.0	6.48	1109.70	1188.58	715.12	0.0
33400.000	37.00	0.0	0.0	4630.00	588.90	602.52	0.0	6.03	1108.90	1188.20	767.33	0.67

SECNO	XLCH	ELTWD	ELLC	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UIFWSP	
33401.000	1.00	602.90	603.20	4630.00	588.90	601.82	0.0	6.72	1109.74	1188.58	688.99	0.0
33401.000	1.00	602.90	603.20	4630.00	588.90	602.45	0.0	6.53	1108.98	1188.68	709.11	0.63
33419.000	18.10	602.90	603.20	4630.00	588.90	601.90	0.0	6.69	1109.64	1188.59	692.45	0.0
33419.000	18.10	602.90	603.20	4630.00	588.90	602.54	0.0	6.51	1108.87	1188.70	711.41	0.64
33420.000	1.00	0.0	0.0	4630.00	588.90	601.98	0.0	6.39	1109.55	1188.60	725.22	0.0
33420.000	1.00	0.0	0.0	4630.00	588.90	602.67	0.0	5.94	1108.80	1188.20	779.25	0.69
33485.000	65.00	0.0	0.0	4630.00	588.72	602.32	0.0	6.49	1026.19	1204.00	906.91	0.0
33485.000	65.00	0.0	0.0	4630.00	588.72	602.85	0.0	6.84	1055.00	1111.00	676.46	0.53
33550.000	65.00	0.0	0.0	4630.00	588.50	602.68	0.0	6.01	1024.06	1206.89	1011.22	0.0
33550.000	65.00	0.0	0.0	4630.00	588.50	603.26	0.0	6.33	1047.00	1120.00	785.48	0.58
38340.000	4790.00	0.0	0.0	4470.00	595.80	611.91	0.0	5.76	1021.66	1150.21	1005.92	0.0
38340.000	4790.00	0.0	0.0	4470.00	595.80	612.59	0.0	5.90	1050.42	1115.66	820.39	0.68
40230.000	1890.00	0.0	0.0	4470.00	595.70	614.01	0.0	5.58	1015.61	1227.85	1028.62	0.0
40230.000	1890.00	0.0	0.0	4470.00	595.70	614.65	0.0	5.59	1079.04	1152.37	839.34	0.64
40246.000	16.00	0.0	0.0	4360.00	598.13	613.78	0.0	7.28	1054.19	1158.93	602.27	0.0
40246.000	16.00	0.0	0.0	4360.00	598.13	614.50	0.0	6.80	1089.00	1147.00	641.05	0.72
40262.000	16.00	0.0	0.0	4360.00	600.60	613.65	0.0	8.38	1191.16	1253.61	520.32	0.0
40262.000	16.00	0.0	0.0	4360.00	600.60	614.41	0.0	7.68	1188.79	1254.82	567.78	0.76
40263.000	1.00	618.90	619.60	4360.00	600.60	613.66	0.0	8.38	1191.16	1253.61	520.32	0.0

40246.000	16.00	0.0	0.0	4360.00	598.13	613.78	0.0	7.28	1054.19	1158.93	602.27	0.0
40246.000	16.00	0.0	0.0	4360.00	598.13	614.50	0.0	6.80	1089.00	1147.00	641.05	0.72
40262.000	16.00	0.0	0.0	4360.00	600.60	613.65	0.0	8.38	1191.16	1253.61	520.32	0.0
40262.000	16.00	0.0	0.0	4360.00	600.60	614.41	0.0	7.68	1188.79	1254.82	567.78	0.76
40263.000	1.00	618.90	619.60	4360.00	600.60	613.66	0.0	8.38	1191.15	1253.61	520.58	0.0
40263.000	1.00	618.90	619.60	4360.00	600.60	614.42	0.0	7.67	1188.77	1254.83	568.16	0.76
40286.000	23.20	618.90	619.60	4360.00	600.60	613.89	0.0	8.15	1190.42	1253.98	534.77	0.0
40286.000	23.20	618.90	619.60	4360.00	600.60	614.59	0.0	7.52	1188.22	1255.11	579.54	0.71
40287.000	1.00	0.0	0.0	4360.00	600.60	613.90	0.0	8.15	1190.40	1253.99	535.20	0.0
40287.000	1.00	0.0	0.0	4360.00	600.60	614.60	0.0	7.52	1188.21	1255.12	579.92	0.71
40309.000	21.40	0.0	0.0	4360.00	600.33	614.38	0.0	6.64	1050.44	1173.60	777.00	0.0
40309.000	21.40	0.0	0.0	4360.00	600.33	614.88	0.0	6.65	1105.00	1161.00	655.41	0.50
40330.000	21.40	0.0	0.0	4360.00	600.10	614.47	0.0	6.40	1044.93	1174.46	817.69	0.0
40330.000	21.40	0.0	0.0	4360.00	600.10	615.00	0.0	6.34	1098.00	1167.00	731.03	0.53
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.03	0.0	6.84	1027.03	1224.00	842.99	0.0
41700.000	1370.00	0.0	0.0	4360.00	604.80	617.40	0.0	6.93	1070.00	1145.00	665.32	0.37
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.63	0.0	6.96	1000.00	1245.12	644.40	0.0
46900.000	5200.00	0.0	0.0	3920.00	616.40	629.71	0.0	6.88	1000.00	1245.00	658.45	0.08

SUMMARY OF ERRORS

FLOODWAY DATA: 100 YEAR FLOOD WATER SUR
PROFILE NO. 2

STATION: ----- FLOODWAY ----- WATER SURFACE ELEVATION
WIDTH SECTION ACROSS WITH WITHOUT DIFFERENCE

FLOODWAY DATA 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
✓ 25725.000	271.	1305.	3.7	586.8	585.0	1.0
25740.000	100.	641.	7.6	586.5	585.6	0.9
25755.000	111.	890.	5.5	587.3	585.8	1.5
25756.000	111.	890.	5.5	587.3	585.8	1.5
25784.000	111.	899.	5.4	587.3	585.9	1.4
25785.000	111.	900.	5.4	587.3	585.9	1.4
✓ 25803.000	214.	963.	5.1	587.2	586.2	1.0
25820.000	239.	1086.	2.6	587.8	586.6	1.2
✓ 28900.000	300.	846.	5.3	591.5	590.8	0.7
✓ 31780.000	145.	1119.	4.1	600.2	599.5	0.7
✓ 33325.000	70.	799.	5.8	602.4	601.8	0.6
33363.000	70.	734.	6.3	602.4	601.8	0.6
33400.000	79.	767.	6.0	602.5	601.8	0.7
33401.000	80.	709.	6.5	602.4	601.8	0.6
33419.000	30.	711.	6.5	602.5	601.9	0.6
33420.000	79.	779.	5.9	602.7	602.0	0.7
33485.000	56.	676.	6.8	602.8	602.3	0.5
✓ 33550.000	73.	785.	5.9	603.3	602.7	0.6
✓ 38340.000	65.	820.	5.4	612.6	611.9	0.7
✓ 40230.000	73.	839.	5.3	614.6	614.0	0.6
40246.000	58.	641.	6.8	614.5	613.8	0.7
40262.000	64.	368.	7.7	614.5	613.7	0.8
40263.000	64.	568.	7.7	614.5	613.7	0.8
40286.000	65.	580.	7.5	614.6	613.9	0.7
40287.000	65.	580.	7.5	614.6	613.9	0.7
40309.000	56.	655.	6.7	614.9	614.4	0.5
✓ 40330.000	69.	731.	6.0	615.0	614.5	0.5
✓ 41700.000	75.	665.	6.6	617.4	617.0	0.4
✓ 46900.000	151.	658.	6.0	629.7	629.6	0.1