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

C
 T1 MALLARD CRK
 T2 FIS CABARRUS CO. JOB NO. 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	563.350	0.0
J2	NPROF	IPL0T	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	9.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	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	200.000	0.0	0.0	0.0	0.0	0.0
NC	0.120	0.120	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	6.000	5570.000	7920.000	8655.000	10215.000	8655.000	8655.000	8655.000	0.0	0.0
ET	5.000	0.0	0.0	0.0	0.0	-10.400	-8.400	0.0	0.0	0.0
X1	300.000	10.000	1079.000	1134.000	300.000	300.000	300.000	300.000	0.0	0.0
X4	2.000	558.500	1000.000	570.000	950.000	0.0	0.0	0.0	0.0	0.0
GR	590.000	875.000	554.800	1013.000	553.900	1079.000	545.200	1089.000	542.400	1118.000
GR	545.200	1121.000	554.800	1134.000	558.200	1143.000	570.000	1300.000	580.000	1500.000
X1	1933.000	10.000	1154.000	1210.000	1533.000	1533.000	1533.000	1533.000	0.0	0.0
X4	4.000	559.700	1000.000	580.000	920.000	570.000	975.000	570.000	1325.000	0.0
GR	590.000	850.000	553.100	1040.000	552.600	1100.000	554.600	1154.000	546.400	1164.000
GR	544.500	1193.000	546.400	1200.000	557.200	1210.000	559.700	1241.000	580.000	1425.000
X1	²⁹⁰⁰ 2933.000	15.000	1348.000	1398.000	¹⁰⁶⁷ 1000.000	¹⁰⁶⁷ 1000.000	¹⁰⁶⁷ 1000.000	1000.000	0.0	0.0
X4	2.000	560.200	1000.000	570.000	900.000	0.0	0.0	0.0	0.0	0.0
GR	580.000	650.000	557.900	1100.000	555.900	1200.000	555.200	1221.000	554.300	1300.000
GR	554.800	1348.000	547.400	1358.000	543.600	1386.000	547.400	1391.000	553.600	1398.000
CD	555.700	1400.000	554.000	1500.000	558.800	1579.000	570.000	1600.000	580.000	1800.000

X1	300.000	10.000	1079.000	1134.000	300.000	300.000	300.000	0.0	0.0	0.0
X4	2.000	558.500	1000.000	570.000	950.000	0.0	0.0	0.0	0.0	0.0
GR	580.000	875.000	554.800	1013.000	553.900	1079.000	545.200	1089.000	542.400	1118.000
GR	545.200	1121.000	554.800	1134.000	558.200	1143.000	570.000	1300.000	580.000	1500.000

X1	1833.000	10.000	1154.000	1210.000	1533.000	1533.000	1533.000	0.0	0.0	0.0
X4	4.000	559.700	1000.000	580.000	920.000	570.000	975.000	570.000	1325.000	0.0
GR	590.000	850.000	553.100	1040.000	552.600	1100.000	554.600	1154.000	546.400	1164.000
GR	544.500	1193.000	546.400	1200.000	557.200	1210.000	559.700	1241.000	580.000	1425.000

X1	2833.000 ²⁹⁰⁰	15.000	1348.000	1398.000	1000.000 ¹⁰⁶⁷	1000.000 ¹⁰⁶⁷	1000.000 ¹⁰⁶⁷	0.0	0.0	0.0
X4	2.000	560.200	1000.000	570.000	900.000	0.0	0.0	0.0	0.0	0.0
GR	580.000	650.000	557.900	1100.000	555.900	1200.000	555.200	1221.000	554.300	1300.000
GR	554.800	1348.000	547.400	1358.000	543.600	1386.000	547.400	1391.000	553.600	1398.000
GR	555.700	1408.000	556.400	1500.000	558.800	1579.000	570.000	1600.000	580.000	1800.000

X1	2858.000 ²⁹²⁵	0.0	0.0	0.0	25.000	25.000	25.000	0.0	1.530	0.0
----	-------------------------------------	-----	-----	-----	--------	--------	--------	-----	-------	-----

X1	2833.000 ²⁹⁵⁰	29.000	1450.000	1600.000	25.000	25.000	25.000	0.0	0.0	0.0
X4	3.000	567.700	1000.000	580.000	625.000	570.000	800.000	0.0	0.0	0.0
GR	590.000	450.000	567.700	1050.000	567.700	1100.000	567.900	1150.000	568.000	1200.000
GR	558.000	1250.000	568.100	1300.000	568.100	1350.000	568.200	1400.000	561.100	1449.900
GR	561.100	1450.000	555.500	1486.000	548.000	1499.000	566.000	1499.000	566.000	1500.000
GR	548.000	1500.000	547.000	1525.000	548.600	1546.000	557.100	1555.500	566.100	1555.500
GR	566.100	1556.500	557.100	1556.500	563.700	1600.000	563.700	1600.100	568.300	1650.000
GR	568.400	1700.000	568.500	1750.000	580.000	1950.000	590.000	2150.000	0.0	0.0
NC	0.060	0.060	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2884.000 ²⁹⁵¹	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	17.000	1000.000	567.700	0.0	1050.000	567.700	0.0	1100.000	567.700	0.0
BT	1150.000	567.900	0.0	1200.000	568.000	0.0	1250.000	568.000	0.0	1300.000
BT	568.100	0.0	1350.000	568.100	0.0	1400.000	568.200	0.0	1449.900	568.100
BT	0.0	1450.000	568.100	566.100	1525.000	568.000	566.000	1600.000	568.200	566.200
BT	1600.100	568.200	0.0	1650.000	568.300	0.0	1700.000	568.400	0.0	1750.000
BT	568.500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NCSR 1300 MOOREHEAD ROAD

ELRD 568.2 ELLC 566.2

X1	2917.000 ²⁹⁸⁴	0.0	0.0	0.0	33.000	33.000	33.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0
NC	0.120	0.120	0.040	0.0	0.0	0.0	0.0	0.0	0.0	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	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UIFWSP
	300.000	300.00	0.0	0.0	8655.00	542.40	563.35	0.0	7.50	978.91	1211.52	1907.51	0.0
A	300.000	300.00	0.0	0.0	8655.00	542.40	564.35	0.0	7.80	1039.02	1148.59	1502.90	1.00
	300.000	300.00	0.0	0.0	8655.00	542.40	564.15	0.0	7.73	1031.65 ₁₁₁₈	1152.66	1574.07	-0.20
	1833.000	1533.00	0.0	0.0	8655.00	544.50	565.28	0.0	5.45	986.46	1286.50	3104.49	0.0
B	1833.000	1533.00	0.0	0.0	8655.00	544.50	566.36	0.0	5.62	1045.33	1241.36	2732.87	1.08
	1833.000	1533.00	0.0	0.0	8655.00	544.50	566.13	0.0	5.50	1038.96 ₁₁₉₃	1244.53	2790.62	-0.23
	2833.000	1000.00	0.0	0.0	8655.00	543.60	565.96	0.0	3.87	941.25	1592.42	6082.16	0.0
C	2833.000	1000.00	0.0	0.0	8655.00	543.60	567.06	0.0	3.95	1097.19	1537.70	5360.09	1.10
	2833.000	1000.00	0.0	0.0	8655.00	543.60	566.81	0.0	3.97	1085.52 ₁₂₈₆	1546.10	5427.09	-0.25
	2853.000	25.00	0.0	0.0	8655.00	545.13	565.93	0.0	4.62	957.15	1589.50	5081.82	0.0
D	2853.000	25.00	0.0	0.0	8655.00	545.13	567.02	0.0	4.76	1125.12	1525.15	4348.78	1.09
	2853.000	25.00	0.0	0.0	8655.00	545.13	566.77	0.0	4.74	1108.21	1534.64	4454.21	-0.25
	2883.000	25.00	0.0	0.0	8655.00	547.00	565.77	0.0	5.22	1417.09	1622.54	1741.95	0.0
E	2883.000	25.00	0.0	0.0	8655.00	547.00	566.92	0.0	4.77	1450.00	1600.00	1814.08	1.15
	2883.000	25.00	0.0	0.0	8655.00	547.00	566.66	0.0	4.88	1450.00	1600.00	1774.60	-0.26
	2884.000	1.00	567.70	566.20	8655.00	547.00	565.76	0.0	5.27	1417.08	1622.55	1641.93	0.0
F	2884.000	1.00	567.70	566.20	8655.00	547.00	566.89	0.0	5.13	1409.23	1634.67	1687.22	1.12
	2884.000	1.00	567.70	566.20	8655.00	547.00	566.63	0.0	5.13	1411.00	1631.93	1687.22	-0.25
	2917.000	33.00	567.70	566.20	8655.00	547.00	565.81	0.0	5.25	1416.80	1622.98	1647.75	0.0
G	2917.000	33.00	567.70	566.20	8655.00	547.00	566.97	0.0	5.13	1408.67	1635.53	1687.22	1.16
	2917.000	33.00	567.70	566.20	8655.00	547.00	566.71	0.0	5.13	1410.44	1632.80	1687.22	-0.25
	2918.000	1.00	0.0	0.0	8655.00	547.00	565.82	0.0	5.21	1416.77	1623.03	1751.13	0.0
H	2918.000	1.00	0.0	0.0	8655.00	547.00	567.04	0.0	4.73	1450.00	1600.00	1830.93	1.22
	2918.000	1.00	0.0	0.0	8655.00	547.00	566.77	0.0	4.83	1450.00	1600.00	1790.53	-0.27

 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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRISW	VCH	SSTA	ENDST	AREA	UIFWSP
	300.000	300.00	0.0	0.0	5570.00	542.40	560.06	0.0	6.51	993.20	1167.80	1238.41	0.0
A	300.000	300.00	0.0	0.0	7920.00	542.40	562.63	0.0	7.30	982.03	1201.98	1745.31	2.57
	300.000	300.00	0.0	0.0	8655.00	542.40	563.35	0.0	7.50	978.93	1211.48	1906.73	0.71
	300.000	300.00	0.0	0.0	10215.00	542.40	564.75	0.0	7.89	972.84	1230.10	2249.46	1.40
	1833.000	1533.00	0.0	0.0	5570.00	544.50	561.91	0.0	4.78	994.62	1259.06	2154.82	0.0
B	1833.000	1533.00	0.0	0.0	7920.00	544.50	564.55	0.0	5.31	988.23	1280.54	2888.18	2.63
	1833.000	1533.00	0.0	0.0	8655.00	544.50	565.28	0.0	5.45	986.46	1286.48	3103.91	0.73
	1833.000	1533.00	0.0	0.0	10215.00	544.50	566.71	0.0	5.74	983.00	1298.14	3543.35	1.43
	2833.000	1000.00	0.0	0.0	5570.00	543.60	562.59	0.0	3.78	975.63	1586.10	3956.81	0.0
	2833.000	1000.00	0.0	0.0	7920.00	543.60	565.22	0.0	3.84	948.73	1591.04	5607.58	2.64
C 2900	2833.000	1000.00	0.0	0.0	8655.00	543.60	565.96	0.0	3.87	941.27	1592.42	6080.89	0.73
	2833.000	1000.00	0.0	0.0	10215.00	543.60	567.40	0.0	3.95	926.57	1595.12	7031.17	1.44
	2858.000	25.00	0.0	0.0	5570.00	545.13	562.53	0.0	4.83	991.82	1583.13	3003.32	0.0
	2858.000	25.00	0.0	0.0	7920.00	545.13	565.19	0.0	4.64	964.69	1588.11	4618.22	2.66
2425	2858.000	25.00	0.0	0.0	8655.00	545.13	565.93	0.0	4.62	957.17	1589.49	5080.58	0.74
	2858.000	25.00	0.0	0.0	10215.00	545.13	567.37	0.0	4.62	942.42	1592.20	6007.10	1.45
	2883.000	25.00	0.0	0.0	5570.00	547.00	562.46	0.0	4.81	1440.32	1591.85	1163.87	0.0
	2883.000	25.00	0.0	0.0	7920.00	547.00	565.05	0.0	5.13	1422.16	1614.72	1599.82	2.58
2450	2883.000	25.00	0.0	0.0	8655.00	547.00	565.77	0.0	5.23	1417.10	1622.52	1741.55	0.72
	2883.000	25.00	0.0	0.0	10215.00	547.00	567.18	0.0	5.42	1407.14	1637.89	2049.93	1.42
	2884.000	1.00	567.70	566.20	5570.00	547.00	562.46	0.0	4.81	1440.31	1591.86	1157.49	0.0

2858.000	25.00	0.0	0.0	5570.00	545.13	562.53	0.0	4.85	991.82	1585.13	3005.32	0.0
2858.000	25.00	0.0	0.0	7920.00	545.13	565.19	0.0	4.64	964.69	1588.11	4618.22	2.66
2925 2858.000	25.00	0.0	0.0	8655.00	545.13	565.93	0.0	4.62	957.17	1589.49	5080.58	0.74
2858.000	25.00	0.0	0.0	10215.00	545.13	567.37	0.0	4.62	942.42	1592.20	6007.10	1.45
2883.000	25.00	0.0	0.0	5570.00	547.00	562.46	0.0	4.81	1440.32	1591.85	1163.87	0.0
2883.000	25.00	0.0	0.0	7920.00	547.00	565.05	0.0	5.13	1422.16	1614.72	1599.82	2.58
2150 2883.000	25.00	0.0	0.0	8655.00	547.00	565.77	0.0	5.23	1417.10	1622.52	1741.55	0.72
2883.000	25.00	0.0	0.0	10215.00	547.00	567.18	0.0	5.42	1407.14	1637.89	2049.93	1.42
2884.000	1.00	567.70	566.20	5570.00	547.00	562.46	0.0	4.81	1440.31	1591.86	1157.49	0.0
2884.000	1.00	567.70	566.20	7920.00	547.00	565.04	0.0	5.16	1422.15	1614.73	1535.09	2.58
2951 2884.000	1.00	567.70	566.20	8655.00	547.00	565.76	0.0	5.27	1417.09	1622.53	1641.61	0.72
2884.000	1.00	567.70	566.20	10215.00	547.00	567.10	0.0	6.06	1407.72	1636.99	1687.22	1.34
2917.000	33.00	567.70	566.20	5570.00	547.00	562.52	0.0	4.78	1439.93	1592.22	1165.15	0.0
2917.000	33.00	567.70	566.20	7920.00	547.00	565.09	0.0	5.14	1421.84	1615.20	1541.56	2.57
2184 2917.000	33.00	567.70	566.20	8655.00	547.00	565.80	0.0	5.25	1416.82	1622.96	1647.43	0.71
2917.000	33.00	567.70	566.20	10215.00	547.00	567.21	0.0	6.06	1406.94	1638.20	1687.22	1.41
2918.000	1.00	0.0	0.0	5570.00	547.00	562.52	0.0	4.78	1439.93	1592.21	1172.23	0.0
2918.000	1.00	0.0	0.0	7920.00	547.00	565.10	0.0	5.11	1421.85	1615.19	1608.21	2.58
2985 2918.000	1.00	0.0	0.0	8655.00	547.00	565.82	0.0	5.21	1416.78	1623.01	1750.70	0.72
2918.000	1.00	0.0	0.0	10215.00	547.00	567.36	0.0	5.35	1405.90	1639.80	2090.94	1.54

2967 2985 1300 566.2 566.2

SECNO XLCH ELTRO ELL Q ELMIN CWSEL CRIWS VCH SSTA ENDST AREA UIFWSP

2933.000	15.00	0.0	0.0	5570.00	545.30	562.77	0.0	3.78	938.29	1607.70	3842.31	0.0
2933.000	15.00	0.0	0.0	7920.00	545.30	565.41	0.0	3.87	869.40	1678.06	5797.56	2.65
3040 2933.000	15.00	0.0	0.0	8655.00	545.30	566.15	0.0	3.90	850.17	1697.70	6408.90	0.74
2933.000	15.00	0.0	0.0	10215.00	545.30	567.72	0.0	3.90	809.28	1739.46	7804.79	1.57
2983.000	50.00	0.0	0.0	5570.00	545.40	562.78	0.0	3.82	940.53	1605.42	3785.07	0.0
2983.000	50.00	0.0	0.0	7920.00	545.40	565.43	0.0	3.91	871.69	1675.72	5726.51	2.64
2983.000	50.00	0.0	0.0	8655.00	545.40	566.16	0.0	3.94	852.49	1695.33	6333.61	0.74
2983.000	50.00	0.0	0.0	10215.00	545.40	567.73	0.0	3.93	811.61	1737.08	7721.60	1.57
5050.000	2117.00	0.0	0.0	5570.00	548.80	563.79	0.0	4.97	1007.09	1469.49	2435.00	0.0
5050.000	2117.00	0.0	0.0	7920.00	548.80	566.23	0.0	4.88	993.02	1499.76	3624.24	2.45
5050.000	2117.00	0.0	0.0	8655.00	548.80	566.93	0.0	4.87	990.85	1509.03	3980.32	0.69
5050.000	2117.00	0.0	0.0	10215.00	548.80	568.40	0.0	4.83	986.24	1528.72	4766.45	1.48
8183.000	3133.00	0.0	0.0	3520.00	551.90	565.76	0.0	3.21	1191.51	2158.14	3217.46	0.0

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	UFWSP
2933.000	15.00	0.0	0.0	5570.00	545.30	562.77	0.0	3.78	938.29	1607.70	3842.31	0.0
2933.000	15.00	0.0	0.0	7920.00	545.30	565.41	0.0	3.87	869.40	1678.06	5797.56	2.65
3002933.000	15.00	0.0	0.0	8655.00	545.30	566.15	0.0	3.90	850.17	1697.70	6408.90	0.74
2933.000	15.00	0.0	0.0	10215.00	545.30	567.72	0.0	3.90	809.28	1739.46	7804.79	1.57
2983.000	50.00	0.0	0.0	5570.00	545.40	562.78	0.0	3.82	940.53	1605.42	3785.07	0.0
2983.000	50.00	0.0	0.0	7920.00	545.40	565.43	0.0	3.91	871.69	1675.72	5726.51	2.64
30352983.000	50.00	0.0	0.0	8655.00	545.40	566.16	0.0	3.94	852.49	1695.33	6333.61	0.74
2983.000	50.00	0.0	0.0	10215.00	545.40	567.73	0.0	3.93	811.61	1737.08	7721.60	1.57
5050.000	2117.00	0.0	0.0	5570.00	548.80	563.79	0.0	4.97	1007.09	1469.49	2435.00	0.0
5050.000	2117.00	0.0	0.0	7920.00	548.80	566.23	0.0	4.88	993.02	1499.76	3624.24	2.45
5050.000	2117.00	0.0	0.0	8655.00	548.80	566.93	0.0	4.87	990.85	1509.03	3980.32	0.69
5050.000	2117.00	0.0	0.0	10215.00	548.80	568.40	0.0	4.83	986.24	1528.72	4763.45	1.48
8183.000	3133.00	0.0	0.0	3520.00	551.90	565.76	0.0	3.21	1191.51	2158.14	3217.46	0.0
8183.000	3133.00	0.0	0.0	5720.00	551.90	567.77	0.0	3.33	1031.64	2170.83	5358.01	2.01
8183.000	3133.00	0.0	0.0	6910.00	551.90	568.42	0.0	3.54	999.84	2172.38	6109.46	0.65
8183.000	3133.00	0.0	0.0	10410.00	551.90	569.86	0.0	4.25	987.45	2175.81	7798.83	1.44

SUMMARY OF ERRORS

12450
 12450
 12450
 12450

557.9 572.11
 557.9 573.97
 557.9 574.40
 557.9 575.93

} DATA FROM 12.9.83
 } AT MEMPHIS / MAGNOLIA
 } COUNTY LINE