
HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

T1 SPENCER-ROWAN CO. BASIN E STRM 5-7S ROCKY BRANCH
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 691B
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FO
 -1. 2. 0. 0. 0.008000 0.0 0.0 0. 636.000 0.0

J2 NPROF I PLOT PRFVS XSECV XSECH FW ALLDC IBW CHNIN 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

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 0.0 201.000 0.0 0.0 0.0 0.0 0.0

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	504.000	876.000	1060.000	1495.000	1060.000	0.0	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	0.0

X1	550.000	11.000	1106.000	1136.000	550.000	550.000	550.000	0.0	0.0	0.0
GR	653.500	1000.000	638.000	1054.000	637.300	1106.000	631.600	1118.000	631.400	1126.000
GR	631.700	1134.000	637.100	1136.000	637.300	1200.000	640.300	1266.000	644.900	1300.000
GR	653.500	1394.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	503.000	865.000	1045.000	1466.000	1045.000	0.0	0.0	0.0	0.0

380.000 4.000 88.000 1310.000 1400.000 1370.000 1300.000 0.0 0.0 0.0

MADE IN U.S.A.

NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	504.000	876.000	1060.000	1495.000	1060.000	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	550.000	11.000	1106.000	1136.000	550.000	550.000	550.000	0.0	0.0	0.0
GR	633.500	1000.000	638.000	1054.000	637.300	1106.000	631.600	1118.000	631.400	1126.000
GR	631.700	1134.000	637.100	1136.000	637.300	1200.000	640.300	1266.000	644.900	1300.000
GR	653.500	1394.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	503.000	865.000	1045.000	1466.000	1045.000	0.0	0.0	0.0	0.0
X1	1940.000	14.000	1304.000	1318.000	1390.000	1390.000	1390.000	0.0	0.0	0.0
GR	665.600	1000.000	654.900	1100.000	651.000	1132.000	648.200	1200.000	648.400	1207.000
GR	647.900	1226.000	648.400	1304.000	642.800	1308.000	642.800	1314.000	649.700	1318.000
GR	652.800	1380.000	657.700	1400.000	664.300	1500.000	665.600	1518.000	0.0	0.0
X1	1990.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2040.000	26.000	1950.500	1956.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	664.300	1000.000	661.400	1100.000	659.300	1200.000	656.900	1300.000	655.300	1400.000
GR	654.000	1500.000	651.800	1600.000	649.800	1700.000	649.400	1800.000	648.900	1900.000
GR	649.500	1946.000	644.900	1950.500	643.800	1951.000	643.400	1952.000	643.800	1953.000
GR	644.900	1953.500	644.000	1954.000	643.900	1954.500	643.800	1955.000	643.900	1955.500
GR	644.800	1956.000	649.700	1960.000	650.000	2000.000	653.700	2050.000	657.500	2100.000
GR	655.900	2183.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	10.200	0.0	0.0	0.0
X1	2080.000	0.0	0.0	0.0	40.000	40.000	40.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	646.400	648.900	0.0	0.0	0.0	0.0	0.0
BT	24.000	1000.000	664.300	0.0	1100.000	661.400	0.0	1200.000	659.300	0.0
BT	1300.000	656.900	0.0	1400.000	655.300	0.0	1500.000	654.000	0.0	1600.000
BT	651.800	0.0	1700.000	649.800	0.0	1800.000	649.300	0.0	1900.000	648.900
BT	0.0	1950.500	649.500	644.900	1951.000	649.500	646.000	1952.000	649.500	646.400
BT	1953.000	649.500	646.000	1953.500	649.500	644.900	1954.000	649.600	644.800	1954.500
BT	649.600	645.700	1955.000	649.600	645.800	1955.500	649.600	645.700	1956.000	649.600
BT	644.800	2000.000	650.800	0.0	2050.000	653.700	0.0	2100.000	657.500	0.0
BT	2183.000	665.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2130.000	14.000	1304.000	1318.000	50.000	50.000	50.000	0.0	1.800	0.0
GR	665.600	1000.000	654.900	1100.000	651.000	1132.000	648.200	1200.000	648.400	1207.000
GR	647.900	1226.000	648.400	1304.000	642.800	1308.000	642.800	1314.000	649.700	1318.000
GR	652.800	1380.000	657.700	1400.000	664.300	1500.000	665.600	1518.000	0.0	0.0

MADE IN U.S.A.

BT	644.600	2000.000	650.800	0.0	2050.000	653.700	0.0	2100.000	657.500	0.0
BT	2183.000	665.900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	2130.000	14.000	1304.000	1318.000	50.000	50.000	50.000	0.0	1.800	0.0
GR	665.600	1000.000	654.900	1100.000	651.000	1132.000	648.200	1200.000	648.400	1207.000
GR	647.900	1226.000	648.400	1304.000	642.800	1308.000	642.800	1314.000	649.700	1318.000
GR	652.800	1380.000	657.700	1400.000	664.300	1500.000	665.600	1518.000	0.0	0.0
X1	2180.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	231.000	433.000	542.000	815.000	542.000	0.0	0.0	0.0	0.0
X1	3105.000	9.000	1135.000	1164.000	925.000	925.000	925.000	0.0	-6.600	0.0
GR	686.000	1000.000	671.300	1100.000	666.600	1135.000	665.100	1141.000	664.400	1150.000
GR	664.800	1159.000	667.900	1164.000	674.800	1200.000	686.000	1273.000	0.0	0.0
X1	3155.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	3205.000	15.000	1385.000	1389.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	683.600	1000.000	675.500	1100.000	668.700	1200.000	666.200	1300.000	666.800	1340.000
GR	662.400	1372.000	662.200	1385.000	660.500	1386.000	660.200	1387.000	660.500	1388.000
GR	662.200	1389.000	663.700	1401.000	674.700	1464.000	678.700	1500.000	683.600	1537.000
SB	0.900	1.500	2.500	0.0	4.000	0.010	12.600	0.0	0.0	0.0
X1	3255.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	664.200	666.200	0.0	0.0	0.0	0.0	0.0
BT	12.000	1000.000	683.600	0.0	1100.000	675.500	0.0	1200.000	668.700	0.0
BT	1300.000	666.200	0.0	1385.000	667.400	662.200	1386.000	667.400	663.900	1387.000
BT	667.400	664.200	1388.000	667.400	663.900	1389.000	667.400	662.200	1400.000	668.100
BT	0.0	1500.000	678.700	0.0	1537.000	683.600	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	3305.000	9.000	1135.000	1164.000	50.000	50.000	50.000	0.0	-1.200	0.0
GR	686.000	1000.000	671.300	1100.000	666.600	1135.000	665.100	1141.000	664.400	1151.000
GR	664.800	1159.000	667.900	1164.000	674.800	1200.000	686.000	1273.000	0.0	0.0
X1	3355.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
QT	5.000	202.000	368.000	483.000	733.000	483.000	0.0	0.0	0.0	0.0
X1	3492.000	12.000	1135.000	1134.000	137.000	137.000	137.000	0.0	0.0	0.0

X1	3305.000	9.000	1135.000	1164.000	50.000	50.000	50.000	0.0	-1.200	0.0
GR	686.000	1000.000	671.300	1100.000	666.600	1135.000	665.100	1141.000	664.400	1151.000
GR	664.800	1159.000	667.900	1164.000	674.800	1200.000	686.000	1273.000	0.0	0.0

X1	3355.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
QT	5.000	202.000	368.000	483.000	733.000	483.000	0.0	0.0	0.0	0.0

X1	3492.000	12.000	1125.000	1134.000	137.000	137.000	137.000	0.0	-2.300	0.0
GR	696.100	1000.000	690.200	1060.000	680.400	1100.000	677.900	1125.000	675.700	1127.000
GR	675.500	1130.000	675.800	1132.000	678.200	1134.000	681.000	1183.000	691.000	1242.000
GR	695.600	1300.000	696.100	1308.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	3542.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3592.000	20.000	1338.000	1342.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	702.800	1000.000	698.800	1100.000	692.800	1200.000	691.700	1241.000	688.700	1270.000
GR	678.900	1310.000	676.400	1335.000	676.000	1338.000	674.300	1339.000	674.000	1340.000
GR	674.300	1341.000	676.000	1342.000	676.700	1344.000	679.500	1393.000	690.000	1460.000
GR	690.600	1500.000	691.200	1600.000	695.200	1700.000	700.600	1800.000	702.800	1821.000
SB	0.900	1.500	2.500	0.0	4.000	0.010	12.600	0.0	0.0	0.0

X1	3658.000	0.0	0.0	0.0	66.000	66.000	66.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	678.000	688.800	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	702.800	0.0	1100.000	698.800	0.0	1200.000	692.800	0.0
BT	1300.000	689.400	0.0	1338.000	688.800	676.000	1339.000	688.800	677.700	1340.000
BT	688.800	678.000	1341.000	688.800	677.700	1342.000	688.800	676.600	1400.000	689.200
BT	0.0	1500.000	690.200	0.0	1600.000	691.200	0.0	1700.000	695.200	0.0
BT	1900.000	700.600	0.0	1821.000	702.800	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	3708.000	12.000	1125.000	1134.000	50.000	50.000	50.000	0.0	-0.400	0.0
GR	696.100	1000.000	690.200	1060.000	680.400	1100.000	677.900	1125.000	675.700	1127.000
GR	675.500	1130.000	675.800	1132.000	678.200	1134.000	681.000	1183.000	691.000	1242.000
GR	695.600	1300.000	696.100	1308.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	3758.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	143.000	280.000	358.000	559.000	358.000	0.0	0.0	0.0	0.0

X1	4036.000	9.000	1113.000	1126.000	278.000	278.000	278.000	0.0	0.0	0.0
GR	700.800	1000.000	685.700	1100.000	683.300	1113.000	679.300	1117.000	679.400	1122.000

MADE IN U.S.A.

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

0

63 6

CROSS-SECTION	SECNO	XLCH	ELEVD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
LIMITS STA 5+50													
	550.000	550.00	0.0	0.0	504.00	631.40	636.06	0.0	5.19	1108.60	1135.62	97.11	0.0
	550.000	550.00	0.0	0.0	876.00	631.40	637.54	0.0	6.08	1088.12	1206.30	164.23	1.48
A	550.000	550.00	0.0	0.0	1060.00	631.40	637.89	0.0	6.39	1062.25	1212.97	210.91	0.35
	550.000	550.00	0.0	0.0	1495.00	631.40	638.46	0.0	6.90	1052.61	1225.44	304.47	0.57
	1940.000	1390.00	0.0	0.0	503.00	642.80	648.84	0.0	5.77	1184.44	1317.50	135.55	0.0
	1940.000	1390.00	0.0	0.0	865.00	642.80	649.51	0.0	5.68	1168.26	1317.89	229.77	0.67
B	1940.000	1390.00	0.0	0.0	1045.00	642.80	649.75	0.0	5.75	1162.28	1319.07	267.39	0.25
	1940.000	1390.00	0.0	0.0	1466.00	642.80	650.23	0.0	6.01	1150.76	1328.56	346.75	0.47
	1990.000	50.00	0.0	0.0	503.00	643.20	649.41	0.0	4.94	1180.22	1317.60	159.04	0.0
	1990.000	50.00	0.0	0.0	865.00	643.20	649.96	0.0	5.46	1167.01	1317.92	237.47	0.55
	1990.000	50.00	0.0	0.0	1045.00	643.20	650.19	0.0	5.65	1161.65	1319.59	271.49	0.23
	1990.000	50.00	0.0	0.0	1466.00	643.20	650.65	0.0	5.97	1150.48	1328.78	348.75	0.46
*	2040.000	50.00	0.0	0.0	503.00	643.40	649.79	649.79	6.78	1170.59	1963.40	164.71	0.0
	2040.000	50.00	0.0	0.0	865.00	643.40	650.11	0.0	7.61	1684.43	1974.96	252.67	0.32
	2040.000	50.00	0.0	0.0	1045.00	643.40	650.43	0.0	6.30	1668.24	1986.73	351.27	0.32
	2040.000	50.00	0.0	0.0	1466.00	643.40	650.95	0.0	5.41	1642.53	2002.58	526.26	0.52
	2080.000	40.00	648.90	646.40	503.00	643.40	649.94	0.0	5.49	1692.69	1968.95	205.83	0.0
	2080.000	40.00	648.90	646.40	865.00	643.40	650.29	0.0	6.14	1675.54	1981.42	305.69	0.34
	2080.000	40.00	648.90	646.40	1045.00	643.40	650.58	0.0	5.40	1660.85	1992.11	399.28	0.29
	2080.000	40.00	648.90	646.40	1466.00	643.40	651.10	0.0	4.75	1634.69	2005.28	583.50	0.53
*	2130.000	50.00	0.0	0.0	503.00	644.60	650.56	650.56	6.22	1186.44	1317.45	124.68	0.0
*	2130.000	50.00	0.0	0.0	865.00	644.60	650.98	650.98	7.38	1176.27	1317.70	181.72	0.42
*	2130.000	50.00	0.0	0.0	1045.00	644.60	651.14	651.14	7.81	1172.36	1317.79	204.86	0.16
*	2130.000	50.00	0.0	0.0	1466.00	644.60	651.44	651.44	8.71	1164.99	1317.97	250.14	0.30
	2180.000	50.00	0.0	0.0	503.00	645.00	651.25	0.0	4.78	1179.31	1317.62	164.21	0.0
	2180.000	50.00	0.0	0.0	865.00	645.00	651.82	0.0	5.23	1165.57	1317.95	246.45	0.57
C	2180.000	50.00	0.0	0.0	1045.00	645.00	652.03	0.0	5.45	1160.34	1320.67	280.07	0.23

MADE IN U.S.A.

*	2130.000	50.00	0.0	0.0	503.00	644.60	650.56	650.56	6.22	1186.44	1317.45	124.68	0.0
*	2130.000	50.00	0.0	0.0	865.00	644.60	650.98	650.98	7.38	1176.27	1317.70	181.72	0.42
*	2130.000	50.00	0.0	0.0	1045.00	644.60	651.14	651.14	7.81	1172.36	1317.79	204.86	0.16
*	2130.000	50.00	0.0	0.0	1466.00	644.60	651.44	651.44	8.71	1164.99	1317.97	250.14	0.30
	2180.000	50.00	0.0	0.0	503.00	645.00	651.25	0.0	4.78	1179.31	1317.62	164.21	0.0
	2180.000	50.00	0.0	0.0	865.00	645.00	651.82	0.0	5.23	1165.57	1317.95	246.45	0.57
C	2180.000	50.00	0.0	0.0	1045.00	645.00	652.03	0.0	5.45	1160.34	1320.67	280.07	0.22
	2180.000	50.00	0.0	0.0	1466.00	645.00	652.47	0.0	5.90	1149.94	1329.23	352.77	0.43
	3105.000	925.00	0.0	0.0	231.00	657.80	659.95	0.0	5.71	1135.20	1161.82	40.43	0.0
	3105.000	925.00	0.0	0.0	433.00	657.80	660.77	0.0	6.81	1129.27	1163.14	65.13	0.82
D	3105.000	925.00	0.0	0.0	542.00	657.80	661.13	0.0	7.22	1126.56	1163.73	78.08	0.37
	3105.000	925.00	0.0	0.0	815.00	657.80	661.84	0.0	8.20	1121.38	1166.80	106.98	0.70

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CNSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP	
3155.000	50.00	0.0	0.0	231.00	659.00	661.23	0.0	5.44	1134.81	1161.94	42.43	0.0	
3155.000	50.00	0.0	0.0	433.00	659.00	661.92	0.0	6.95	1129.61	1163.07	63.61	0.68	
3155.000	50.00	0.0	0.0	542.00	659.00	662.23	0.0	7.56	1127.33	1163.56	74.25	0.31	
3155.000	50.00	0.0	0.0	815.00	659.00	662.85	662.76	8.78	1122.67	1165.85	98.95	0.63	
*	3205.000	50.00	0.0	0.0	231.00	660.20	663.61	663.61	7.34	1363.17	1400.31	41.48	0.0
*	3205.000	50.00	0.0	0.0	433.00	660.20	664.18	664.18	8.40	1359.06	1403.74	64.65	0.57
*	3205.000	50.00	0.0	0.0	542.00	660.20	664.47	664.47	8.50	1356.91	1405.44	78.45	0.30
*	3205.000	50.00	0.0	0.0	815.00	660.20	664.98	664.98	9.36	1353.24	1408.33	104.62	0.51
3255.000	50.00	666.20	664.20	231.00	660.20	663.62	0.0	7.30	1363.14	1400.35	41.65	0.0	
3255.000	50.00	666.20	664.20	433.00	660.20	667.68	0.0	1.45	1240.55	1423.83	390.09	4.06	
3255.000	50.00	666.20	664.20	542.00	660.20	667.88	0.0	1.67	1232.68	1424.96	427.07	0.21	
3255.000	50.00	666.20	664.20	815.00	660.20	668.30	0.0	2.11	1216.10	1427.33	510.69	0.41	
*	3305.000	50.00	0.0	0.0	231.00	663.20	665.14	665.14	6.65	1136.05	1161.48	34.75	0.0
3305.000	50.00	0.0	0.0	433.00	663.20	667.55	0.0	3.90	1118.99	1160.43	121.66	2.41	
3305.000	50.00	0.0	0.0	542.00	663.20	667.70	0.0	4.63	1117.85	1169.23	129.43	0.15	
3305.000	50.00	0.0	0.0	815.00	663.20	667.93	0.0	6.45	1116.13	1170.44	141.63	0.23	
3355.000	50.00	0.0	0.0	231.00	664.40	666.76	0.0	5.03	1133.81	1162.16	46.02	0.0	
3355.000	50.00	0.0	0.0	433.00	664.40	667.68	0.0	5.92	1126.96	1163.64	75.93	0.92	
E	3355.000	50.00	0.0	0.0	542.00	664.40	667.88	0.0	6.80	1125.40	1163.97	83.43	0.20
3355.000	50.00	0.0	0.0	815.00	664.40	668.29	668.16	8.67	1122.38	1166.06	100.48	0.41	

MADE IN U.S.A.

MADE IN U.S.A.

3305.000	50.00	0.0	0.0	433.00	663.20	667.55	0.0	3.90	1113.99	1168.43	121.66	2.4
3305.000	50.00	0.0	0.0	542.00	663.20	667.70	0.0	4.63	1117.85	1169.23	129.43	0.1
3305.000	50.00	0.0	0.0	815.00	663.20	667.93	0.0	6.45	1116.13	1170.44	141.63	0.2
3355.000	50.00	0.0	0.0	231.00	664.40	666.76	0.0	5.03	1133.81	1162.16	46.02	0.0
3355.000	50.00	0.0	0.0	433.00	664.40	667.68	0.0	5.92	1126.96	1163.64	75.93	0.9
E 3355.000	50.00	0.0	0.0	542.00	664.40	667.88	0.0	6.80	1125.48	1163.97	83.43	0.2
3355.000	50.00	0.0	0.0	815.00	664.40	668.29	658.16	8.67	1122.38	1166.06	100.48	0.4
* 3492.000	137.00	0.0	0.0	202.00	673.20	676.70	676.70	6.88	1114.02	1147.97	36.89	0.0
* 3492.000	137.00	0.0	0.0	368.00	673.20	677.42	677.42	7.69	1106.80	1160.60	68.57	0.7
* F 3492.000	137.00	0.0	0.0	483.00	673.20	677.74	677.74	8.21	1103.63	1166.14	86.99	0.3
* 3492.000	137.00	0.0	0.0	733.00	673.20	678.27	676.27	8.91	1099.31	1175.45	124.05	0.5
3542.000	50.00	0.0	0.0	202.00	673.60	677.72	0.0	4.50	1107.76	1156.92	63.54	0.0
3542.000	50.00	0.0	0.0	368.00	673.60	678.43	0.0	5.21	1100.72	1171.23	106.33	0.7
3542.000	50.00	0.0	0.0	483.00	673.60	678.78	0.0	5.49	1098.85	1177.38	132.56	0.3
3542.000	50.00	0.0	0.0	733.00	673.60	679.33	0.0	6.02	1096.63	1184.33	178.42	0.5
3592.000	50.00	0.0	0.0	202.00	674.00	677.87	0.0	6.74	1320.23	1364.60	44.02	0.0
3592.000	50.00	0.0	0.0	368.00	674.00	678.61	0.0	6.48	1312.84	1377.53	84.34	0.7
3592.000	50.00	0.0	0.0	483.00	674.00	678.95	0.0	6.62	1309.79	1383.39	107.53	0.3
3592.000	50.00	0.0	0.0	733.00	674.00	679.49	0.0	6.93	1307.61	1392.75	149.98	0.5
3658.000	66.00	688.80	678.00	202.00	674.00	683.86	0.0	0.36	1289.75	1420.82	623.19	0.0
3658.000	66.00	688.80	678.00	368.00	674.00	689.53	0.0	0.25	1261.95	1457.02	1536.90	5.6
3658.000	66.00	688.80	678.00	483.00	674.00	689.83	0.0	0.32	1254.05	1458.93	1596.15	0.3
3658.000	66.00	688.80	676.00	733.00	674.00	690.26	0.0	0.46	1254.93	1477.23	1684.77	0.4
3708.000	50.00	0.0	0.0	202.00	675.10	683.86	0.0	0.52	1084.25	1202.22	490.25	0.0
3708.000	50.00	0.0	0.0	368.00	675.10	689.53	0.0	0.33	1061.10	1235.69	1320.17	5.6
3708.000	50.00	0.0	0.0	483.00	675.10	689.83	0.0	0.42	1059.68	1237.46	1372.92	0.3
3708.000	50.00	0.0	0.0	733.00	675.10	690.25	0.0	0.61	1055.37	1239.96	1449.76	0.4
3758.000	50.00	0.0	0.0	202.00	675.50	683.86	0.0	0.58	1085.88	1199.86	443.93	0.0
3758.000	50.00	0.0	0.0	368.00	675.50	689.53	0.0	0.35	1062.73	1233.33	1251.14	5.6
G 3758.000	50.00	0.0	0.0	483.00	675.50	689.83	0.0	0.45	1061.50	1235.10	1302.74	0.3
3758.000	50.00	0.0	0.0	733.00	675.50	690.26	0.0	0.64	1059.43	1237.61	1377.31	0.4

SECNO XLCH ELTRD ELCC Q ELMIN CWSEL CRIWS VCH SSTA ENOST ARFA DIFWSP

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
4036.000	278.00	0.0	0.0	143.00	679.30	683.77	0.0	3.38	1110.47	1137.54	44.92	0.0
4036.000	278.00	0.0	0.0	280.00	679.30	689.53	0.0	0.59	1074.62	1232.66	633.71	5.7
N 4036.000	278.00	0.0	0.0	358.00	679.30	689.83	0.0	0.70	1072.62	1235.70	682.00	0.30
4036.000	278.00	0.0	0.0	559.00	679.30	690.26	0.0	0.98	1069.79	1240.01	753.20	0.4
4086.000	50.00	0.0	0.0	143.00	680.00	684.00	0.0	4.02	1112.98	1126.09	35.60	0.0
4086.000	50.00	0.0	0.0	280.00	680.00	689.53	0.0	0.72	1079.24	1225.60	527.36	5.5
4086.000	50.00	0.0	0.0	358.00	680.00	689.84	0.0	0.85	1077.25	1228.64	572.21	0.30
4086.000	50.00	0.0	0.0	559.00	680.00	690.26	0.0	1.17	1074.41	1232.98	638.73	0.4
* 4136.000	50.00	0.0	0.0	143.00	680.60	684.60	684.60	7.79	1198.00	1211.00	22.36	0.0
4136.000	50.00	0.0	0.0	280.00	680.60	689.53	0.0	0.87	1167.62	1304.64	434.87	4.9
4136.000	50.00	0.0	0.0	358.00	680.60	689.84	0.0	1.00	1165.33	1307.70	477.01	0.30
4136.000	50.00	0.0	0.0	559.00	680.60	690.27	0.0	1.35	1157.84	1312.07	540.98	0.4
4184.000	48.00	687.90	684.60	143.00	680.60	687.59	0.0	1.12	1179.55	1284.97	199.96	0.0
4184.000	48.00	687.90	684.60	280.00	680.60	689.95	0.0	0.75	1163.24	1308.92	494.34	2.30
4184.000	48.00	687.90	684.60	358.00	680.60	690.25	0.0	0.86	1157.97	1312.00	539.78	0.30
4184.000	48.00	687.90	684.60	559.00	680.60	690.79	0.0	1.14	1148.75	1317.38	625.49	0.5
4234.000	50.00	0.0	0.0	143.00	682.20	687.55	0.0	2.28	1105.66	1159.42	80.79	0.0
4234.000	50.00	0.0	0.0	280.00	682.20	689.95	0.0	1.38	1091.03	1207.62	293.36	2.30
4234.000	50.00	0.0	0.0	358.00	682.20	690.25	0.0	1.55	1099.03	1210.67	329.28	0.30
4234.000	50.00	0.0	0.0	559.00	682.20	690.77	0.0	1.98	1085.55	1215.98	395.54	0.5
4284.000	50.00	0.0	0.0	143.00	682.80	687.61	0.0	2.93	1108.59	1146.10	56.13	0.0
4284.000	50.00	0.0	0.0	280.00	682.80	689.96	0.0	1.84	1095.00	1201.56	226.41	2.30
I 4284.000	50.00	0.0	0.0	358.00	682.80	690.26	0.0	2.03	1093.01	1204.61	259.30	0.30
4284.000	50.00	0.0	0.0	559.00	682.80	690.79	0.0	2.50	1089.48	1209.98	321.03	0.5

SUMMARY OF ERRORS

CAUTION SECNO= 2040.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2040.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2040.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 2130.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2130.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 2130.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL