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HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERRCR CORR - 01
MODIFICATION - 50,51.52

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T1 KANNAPOLIS-ROWAN COUNTY STREAM 3K
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FO
-1. 2. 0. 0. 0.013000 0.0 0.0 0. 715.000 0.0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW 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
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

NC 0.055 0.055 0.035 0.100 0.300 0.0 0.0 0.0 0.0 0.0
QT 5.000 433.000 752.000 911.000 1291.000 911.000 0.0 0.0 0.0 0.0
ET 5.000 0.0 0.0 0.0 0.0 0.0 -10.400 0.0 0.0 0.0

X1 300.000 11.000 1054.000 1067.000 300.000 300.000 300.000 0.0 0.0 0.0
GR 734.100 1000.000 724.500 1024.000 723.200 1040.000 713.100 1050.000 712.800 1054.000
GR 710.500 1057.000 710.400 1058.000 710.600 1060.000 712.300 1067.000 712.500 1074.000
GR 726.900 1094.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
BT 5.000 324.000 571.000 700.000 1099.000 700.000 0.0 0.0 0.0 0.0

X1 1125.000 9.000 1178.000 1200.000 825.000 825.000 825.000 0.0 -3.800 0.0
GR 748.800 1000.000 736.900 1100.000 728.300 1178.000 724.900 1101.000 725.100 1186.000
GR 724.900 1192.000 728.300 1200.000 732.900 1300.000 748.700 1590.000 0.0 0.0

X1 1150.000 0.0 0.0 0.0 25.000 25.000 25.000 0.0 0.700 0.0
NC 0.025 0.025 0.025 0.100 0.300 0.0 0.0 0.0 0.0 0.0

X1 1200.000 12.000 1198.000 1202.000 50.000 50.000 50.000 0.0 0.0 0.0
GR 759.600 1000.000 746.200 1014.000 734.300 1114.000 725.700 1192.000 723.500 1198.000
GR 722.500 1198.000 722.500 1202.000 723.500 1202.000 725.700 1214.000 730.300 1314.000
GR 746.100 1404.000 759.800 1500.000 0.0 0.0 0.0 0.0 0.0 0.0
SB 0.900 1.500 2.500 0.0 4.000 0.010 36.000 0.0 0.0 0.0

RDNO W.EIGHT ST. MXLCEL 751.5 RDELV 744.0

X1 1265.000 0.0 0.0 0.0 65.000 65.000 65.000 0.0 0.0 0.0

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X2	0.0	0.0	1.000	731.500	0.0	0.0	0.0	0.0	0.0	0.0
BT	7.000	1000.000	759.600	0.0	1100.000	750.400	0.0	1198.000	744.000	731.500
BT	1202.000	744.000	731.500	1300.000	746.900	0.0	1400.000	752.400	0.0	1500.000
BT	759.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	1315.000	9.000	1178.000	1200.000	50.000	50.000	50.000	0.0	-0.900	0.0
GR	748.800	1000.000	736.900	1100.000	728.300	1178.000	724.900	1191.000	725.100	1186.000
GR	724.900	1192.000	728.300	1200.000	732.900	1300.000	748.700	1390.000	0.0	0.0

X1	1340.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.900	0.0
QT	5.000	308.000	532.000	650.000	928.000	650.000	0.0	0.0	0.0	0.0

X1	2100.000	11.000	1319.000	1327.000	760.000	760.000	760.000	0.0	-5.000	0.0
GR	782.600	1030.000	776.200	1100.000	771.100	1200.000	766.700	1301.000	755.800	1319.000
GR	750.300	1322.000	752.200	1324.000	757.200	1327.000	766.200	1352.000	768.300	1400.000
GR	772.700	1500.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2150.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.400	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2200.000	18.000	1298.000	1302.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	783.500	1004.000	782.600	1008.000	776.200	1078.000	771.100	1178.000	766.700	1279.000
GR	753.800	1297.000	752.300	1298.000	750.900	1298.600	750.300	1300.000	750.900	1301.400
GR	752.300	1302.000	757.200	1305.000	766.200	1330.000	768.300	1378.000	769.200	1400.000
GR	772.600	1509.000	780.200	1600.000	784.000	1651.000	0.0	0.0	0.0	0.0
SB	0.900	2.800	1.500	0.0	4.000	0.010	12.560	0.0	0.0	0.0

RONO CHURCH AVE. MXLCEL 754.3 RDELV 768.2

X1	2343.000	0.0	0.0	0.0	143.000	143.000	143.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	754.300	0.0	0.0	0.0	0.0	0.0	0.0
BT	12.000	1004.000	783.500	0.0	1100.000	776.100	0.0	1200.000	771.000	0.0
BT	1298.000	768.200	752.300	1298.600	768.200	753.300	1300.000	768.200	754.300	1301.400
BT	768.200	753.700	1302.000	768.200	752.300	1400.000	769.200	0.0	1500.000	772.600
BT	0.0	1600.000	780.200	0.0	1651.000	784.000	0.0	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2395.000	11.000	1319.000	1327.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	782.600	1030.000	776.200	1100.000	771.100	1200.000	766.700	1301.000	755.800	1319.000
GR	750.300	1322.000	752.200	1324.000	757.200	1327.000	766.200	1352.000	768.300	1400.000
GR	772.700	1500.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	2445.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.100	0.0
QT	5.000	181.000	328.000	409.000	608.000	409.000	0.0	0.0	0.0	0.0

X1	2525.000	10.000	1196.000	1204.000	82.000	82.000	82.000	0.0	-3.700	0.0
GR	784.500	1000.000	776.100	1100.000	775.900	1109.000	759.000	1196.000	756.700	1196.000
GR	756.700	1200.000	756.700	1202.000	759.100	1204.000	771.800	1300.000	776.700	1400.000

X1	2550.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.100	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2600.000	23.000	1298.000	1303.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	786.700	1076.000	784.000	1100.000	776.300	1200.000	776.000	1210.000	759.400	1296.000

GR	759.400	1298.000	758.100	1298.000	757.400	1298.300	757.100	1299.000	757.400	1299.700
GR	758.100	1300.000	758.100	1301.000	757.400	1301.300	757.100	1302.000	757.400	1302.700
GR	758.100	1303.000	759.500	1303.000	759.500	1304.000	772.200	1400.000	774.800	1450.000
GR	776.500	1500.000	784.600	1600.000	788.000	1639.000	0.0	0.0	0.0	0.0
SB	0.900	1.500	2.500	0.0	4.000	0.010	20.280	0.0	0.0	0.0

RONO BRIDGE MXLCEL 764.1 RDELV 772.7

X1	2669.000	0.0	0.0	0.0	65.000	65.000	65.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	764.100	0.0	0.0	0.0	0.0	0.0	0.0
BT	9.000	1076.000	786.700	0.0	1100.000	784.000	0.0	1200.000	776.300	0.0
BT	1298.000	772.700	764.100	1303.000	772.700	764.100	1400.000	772.900	0.0	1500.000
BT	776.500	0.0	1600.000	784.600	0.0	1639.000	788.000	0.0	0.0	0.0
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	2715.000	10.000	1196.000	1202.000	50.000	50.000	50.000	0.0	0.500	0.0
GR	784.500	1000.000	776.100	1100.000	775.900	1109.000	759.000	1196.000	756.700	1198.000
GR	756.700	1200.000	756.700	1202.000	759.100	1204.000	771.800	1300.000	776.700	1400.000

X1	2740.000	0.0	0.0	0.0	25.000	25.000	25.000	0.0	0.100	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 KANNAPOLIS-ROWAN COUNTY STREAM 3K
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 691B
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.013000	0.0	0.0	0.	716.000	0.0

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	ISW	CHNIM	YTRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CEHV= 0.300
 *SECNO 300.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL	DEPTH	ASSUMED						
300.00	4.83	715.23	715.23	716.00	716.75	1.52	0.0	0.0	712.80
752.	52.	567.	133.	11.	51.	25.	0.	0.	712.30
0.0	4.57	11.02	5.32	0.055	0.035	0.055	0.0	710.40	1047.89
0.011881	300.	300.	300.	0	15	0	0.0	29.90	1077.79

*SECNO 1125.000

1125.00	3.91	725.01	724.81	0.0	726.14	1.13	9.34	0.04	724.50
571.	1.	567.	3.	1.	66.	3.	1.	1.	724.50
0.05	1.11	8.56	1.12	0.055	0.035	0.055	0.035	721.10	1175.39
0.010655	825.	825.	825.	4	15	0	0.0	37.65	1211.04

*SECNO 1150.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3593 PROBABLE MINIMUM SPECIFIC ENERGY

3720	CRITICAL	DEPTH	ASSUMED						
1150.00	3.72	725.52	725.52	0.0	726.82	1.31	0.30	0.05	725.20
571.	0.	570.	1.	0.	62.	1.	2.	1.	725.20
0.05	0.92	9.18	0.92	0.055	0.035	0.055	0.035	721.80	1175.09
0.013345	25.	25.	25.	20	8	0	0.0	31.87	1206.96

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T1 KANNAPOLIS-ROWAN COUNTY STREAM 3K
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1 TCHECK INQ NINV IOIR STRT METRIC HVINS Q WSEL FQ
 -10. 4. 0. 0. 0.013000 0.0 0.0 0. 718.000 0.0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE
 3.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0

*PROF 3

CCHV= 0.100 CEHV= 0.300
 *SECNO 300.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3720 CRITICAL DEPTH ASSUMED
 300.00 5.26 715.66 715.66 718.00 717.36 1.70 0.0 0.0 712.60
 911. 71. 670. 171. 14. 57. 30. 0. 0. 712.30
 0.0 5.00 11.74 5.74 0.055 0.035 0.055 0.0 710.40 1047.46
 0.011736 300. 300. 300. 0 19 0 0.0 30.93 1078.39

*SECNO 1125.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

7185 MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED
 1125.00 4.29 725.39 725.39 0.0 726.65 1.26 9.14 0.04 724.50
 700. 6. 680. 14. 4. 75. 9. 2. 1. 724.50
 0.03 1.59 9.12 // 1.60 0.055 0.035 0.055 0.035 721.10 1169.91
 0.010291 825. 825. 825. 2 11 0 0.0 49.49 1219.40

*SECNO 1150.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

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T1 KANNAPOLIS=ROWAN COUNTY STREAM 3K
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 -10. 5. 0. 0. 0.013000 0.0 0.0 0. 719.000 0.0

J2 NPROF IPILOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE
 15.000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0

*PROF 4

CCHV= 0.100 CCHV= 0.300
 *SLCNO 300.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3720	CRITICAL	DEPTH ASSUMED							
300.00	6.18	716.58	716.58	719.00	718.65	2.06	0.0	0.0	712.80
1291.	119.	906.	266.	21.	69.	41.	0.	0.	712.30
0.0	5.78	13.13	6.51	0.055	0.035	0.055	0.0	710.40	1046.55
0.011385	300.	300.	300.	0	19	0	0.0	33.12	1079.67

*SECNO 1125.000

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

7185	MINIMUM SPECIFIC ENERGY								
3720	CRITICAL DEPTH ASSUMED								
1125.00	5.21	726.31	726.31	0.0	727.55	1.24	7.99	0.08	724.50
1009.	33.	895.	81.	15.	95.	36.	3.	1.	724.50
0.05	2.25	9.44	2.26	0.055	0.035	0.055	0.035	721.10	1161.59
0.008019	825.	825.	825.	2	15	0	0.0	77.75	1239.34

*SECNO 1150.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	LOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA

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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	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 300.000	300.00	0.0	0.0	433.00	710.40	714.22	714.22	9.19	1048.89	1076.39	58.87	0.0
* 300.000	300.00	0.0	0.0	752.00	710.40	715.23	715.23	11.02	1047.89	1077.79	87.81	0.0
* 300.000	300.00	0.0	0.0	911.00	710.40	715.66	715.66	11.74	1047.46	1078.39	100.92	0.0
* 300.000	300.00	0.0	0.0	1291.00	710.40	716.58	716.58	13.13	1046.55	1079.67	130.46	0.92
1125.000	825.00	0.0	0.0	324.00	721.10	724.08	0.0	7.03	1178.37	1199.02	46.12	0.0
1125.000	825.00	0.0	0.0	571.00	721.10	725.01	724.81	8.56	1173.39	1211.04	70.14	0.0
* 1125.000	825.00	0.0	0.0	700.00	721.10	725.39	725.39	9.12	1169.91	1219.40	86.90	0.0
* 1125.000	825.00	0.0	0.0	1009.00	721.10	726.31	726.31	9.44	1161.59	1239.34	145.25	0.92
* 1150.000	25.00	0.0	0.0	324.00	721.80	724.47	724.47	8.14	1178.64	1198.28	39.82	0.0
* 1150.000	25.00	0.0	0.0	571.00	721.80	725.52	725.52	9.18	1175.09	1206.96	63.63	0.0
* 1150.000	25.00	0.0	0.0	700.00	721.80	726.08	726.08	9.14	1169.97	1219.24	86.53	0.0
* 1150.000	25.00	0.0	0.0	1009.00	721.80	727.01	727.01	9.43	1161.55	1239.42	145.55	0.93
* 1200.000	50.00	0.0	0.0	324.00	722.50	726.33	726.33	8.01	1186.26	1227.76	52.70	0.0
* 1200.000	50.00	0.0	0.0	571.00	722.50	727.00	727.00	8.95	1180.21	1242.27	87.23	0.0
* 1200.000	50.00	0.0	0.0	700.00	722.50	727.28	727.28	9.17	1177.66	1248.36	105.85	0.0
* 1200.000	50.00	0.0	0.0	1009.00	722.50	727.77	727.77	9.87	1173.26	1258.93	143.86	0.49
1265.000	65.00	744.00	731.50	324.00	722.50	726.34	0.0	7.98	1186.21	1227.89	52.94	0.0
1265.000	65.00	744.00	731.50	571.00	722.50	727.01	0.0	8.91	1180.15	1242.41	87.64	0.0
1265.000	65.00	744.00	731.50	700.00	722.50	727.29	0.0	9.13	1177.61	1248.50	106.50	0.0
1265.000	65.00	744.00	731.50	1009.00	722.50	727.77	0.0	9.83	1173.19	1259.08	144.46	0.49
* 1315.000	50.00	0.0	0.0	324.00	724.00	726.67	726.67	8.14	1178.64	1198.28	39.82	0.0
* 1315.000	50.00	0.0	0.0	571.00	724.00	727.72	727.72	9.19	1175.11	1206.92	63.56	0.0
* 1315.000	50.00	0.0	0.0	700.00	724.00	728.28	728.28	9.14	1169.98	1219.23	86.51	0.0
* 1315.000	50.00	0.0	0.0	1009.00	724.00	729.20	729.20	9.48	1161.69	1239.08	144.34	0.91
* 1340.000	25.00	0.0	0.0	324.00	724.90	727.57	727.57	8.12	1178.64	1198.29	39.89	0.0
* 1340.000	25.00	0.0	0.0	571.00	724.90	728.61	728.61	9.22	1175.19	1206.73	63.29	0.0
* 1340.000	25.00	0.0	0.0	700.00	724.90	729.18	729.18	9.15	1170.00	1219.19	86.41	0.0
* 1340.000	25.00	0.0	0.0	1009.00	724.90	730.12	730.12	9.42	1161.53	1239.48	145.75	0.93
* 2100.000	760.00	0.0	0.0	308.00	745.30	751.81	751.81	10.64	1317.33	1326.76	29.60	0.0
* 2100.000	760.00	0.0	0.0	532.00	745.30	753.66	753.66	11.42	1314.28	1331.04	53.18	0.0
* 2100.000	760.00	0.0	0.0	650.00	745.30	754.36	754.36	11.82	1313.12	1333.01	66.12	0.0
* 2100.000	760.00	0.0	0.0	928.00	745.30	755.63	755.63	12.73	1311.02	1336.63	94.92	1.27

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
*	2150.000	50.00	0.0	0.0	308.00	746.70	753.22	753.22	10.60	1317.32	1326.77	29.71	0.0
*	2150.000	50.00	0.0	0.0	532.00	746.70	755.03	755.03	11.50	1314.33	1330.96	52.69	0.0
*	2150.000	50.00	0.0	0.0	650.00	746.70	755.75	755.75	11.84	1313.13	1332.99	65.98	0.0
*	2150.000	50.00	0.0	0.0	928.00	746.70	757.05	757.05	12.67	1310.99	1335.59	95.49	1.30
*	2200.000	50.00	0.0	0.0	308.00	750.30	756.51	756.51	11.96	1295.82	1304.58	30.78	0.0
*	2200.000	50.00	0.0	0.0	532.00	750.30	758.76	758.76	12.19	1292.11	1309.33	58.77	0.0
*	2200.000	50.00	0.0	0.0	650.00	750.30	759.47	759.47	12.56	1290.94	1311.30	72.07	0.0
*	2200.000	50.00	0.0	0.0	928.00	750.30	760.65	760.65	13.54	1288.99	1314.59	99.27	1.18
	2343.000	143.00	768.20	754.30	308.00	750.30	769.27	0.0	0.78	1219.90	1402.20	651.01	0.0
*	2343.000	143.00	768.20	754.30	532.00	750.30	770.02	0.0	1.13	1202.53	1424.45	803.93	0.0
*	2343.000	143.00	768.20	754.30	650.00	750.30	770.29	0.0	1.29	1196.55	1432.11	863.49	0.0
	2343.000	143.00	768.20	754.30	928.00	750.30	770.80	0.0	1.63	1184.66	1447.35	992.58	0.52
	2393.000	50.00	0.0	0.0	308.00	750.30	769.27	0.0	0.88	1242.02	1422.04	645.41	0.0
	2393.000	50.00	0.0	0.0	532.00	750.30	770.02	0.0	1.29	1224.74	1439.14	793.80	0.0
	2393.000	50.00	0.0	0.0	650.00	750.30	770.28	0.0	1.49	1218.72	1445.10	851.59	0.0
	2393.000	50.00	0.0	0.0	928.00	750.30	770.80	0.0	1.90	1206.92	1456.79	974.08	0.51
	2443.000	50.00	0.0	0.0	308.00	750.40	769.27	0.0	0.90	1244.28	1419.79	627.84	0.0
	2443.000	50.00	0.0	0.0	532.00	750.40	770.02	0.0	1.32	1227.01	1436.89	772.83	0.0
	2443.000	50.00	0.0	0.0	650.00	750.40	770.29	0.0	1.52	1220.97	1442.88	829.70	0.0
	2443.000	50.00	0.0	0.0	928.00	750.40	770.80	0.0	1.94	1209.14	1454.59	950.08	0.52
	2525.000	82.00	0.0	0.0	181.00	753.00	769.28	0.0	0.27	1124.07	1323.94	1364.28	0.0
E	2525.000	82.00	0.0	0.0	328.00	753.00	770.04	0.0	0.44	1120.18	1339.35	1522.44	0.0
	2525.000	82.00	0.0	0.0	409.00	753.00	770.30	0.0	0.52	1118.79	1344.87	1582.72	0.0
	2525.000	82.00	0.0	0.0	608.00	753.00	770.83	0.0	0.73	1116.10	1355.52	1704.12	0.52
	2550.000	25.00	0.0	0.0	181.00	753.10	769.28	0.0	0.27	1124.56	1322.00	1345.41	0.0
	2550.000	25.00	0.0	0.0	328.00	753.10	770.04	0.0	0.44	1120.65	1337.50	1502.75	0.0
	2550.000	25.00	0.0	0.0	409.00	753.10	770.30	0.0	0.53	1119.27	1342.97	1561.74	0.0
	2550.000	25.00	0.0	0.0	608.00	753.10	770.83	0.0	0.73	1116.56	1353.68	1682.74	0.52
	2600.000	50.00	0.0	0.0	181.00	757.10	769.28	0.0	0.29	1244.83	1377.91	702.24	0.0
	2600.000	50.00	0.0	0.0	328.00	757.10	770.04	0.0	0.45	1240.90	1383.65	806.96	0.0
	2600.000	50.00	0.0	0.0	409.00	757.10	770.30	0.0	0.53	1239.51	1385.67	845.64	0.0
	2600.000	50.00	0.0	0.0	608.00	757.10	770.83	0.0	0.72	1236.79	1389.64	924.12	0.52
	2665.000	65.00	772.70	764.10	181.00	757.10	771.13	0.0	0.20	1235.22	1391.93	970.98	0.0
	2665.000	65.00	772.70	764.10	328.00	757.10	773.27	0.0	0.26	1224.16	1420.54	1341.38	0.0
	2665.000	65.00	772.70	764.10	409.00	757.10	773.50	0.0	0.31	1222.94	1425.07	1388.32	0.0
	2665.000	65.00	772.70	764.10	608.00	757.10	773.93	0.0	0.44	1220.70	1433.38	1478.00	0.43
	2715.000	50.00	0.0	0.0	181.00	757.20	771.13	0.0	0.42	1136.12	1291.17	957.56	0.0
	2715.000	50.00	0.0	0.0	328.00	757.20	773.27	0.0	0.54	1125.13	1319.73	1323.64	0.0
	2715.000	50.00	0.0	0.0	409.00	757.20	773.50	0.0	0.65	1123.92	1324.53	1370.10	0.0
	2715.000	50.00	0.0	0.0	608.00	757.20	773.93	0.0	0.91	1121.70	1333.34	1459.02	0.43
	2740.000	25.00	0.0	0.0	181.00	757.30	771.13	0.0	0.42	1136.64	1290.41	942.10	0.0
F	2740.000	25.00	0.0	0.0	328.00	757.30	773.27	0.0	0.55	1125.65	1317.69	1304.24	0.0
	2740.000	25.00	0.0	0.0	409.00	757.30	773.50	0.0	0.66	1124.44	1322.49	1350.10	0.0
	2740.000	25.00	0.0	0.0	608.00	757.30	773.93	0.0	0.92	1122.22	1331.28	1437.81	0.43

SUMMARY OF ERRORS