

JS	1.000	34.000	3.000	4.000	27.000	28.000	26.000	0.0	0.0	0.0
NC	0.100	0.100	0.080	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	329.000	620.000	774.000	1153.000	774.000	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	625.000	13.000	1450.000	1472.000	625.000	625.000	625.000	0.0	0.0	0.0
GR	695.700	1000.000	694.100	1100.000	693.500	1200.000	695.600	1300.000	695.000	1400.000
GR	696.800	1450.000	689.200	1458.000	689.100	1463.000	689.200	1468.000	696.100	1472.000
GR	695.800	1500.000	703.400	1600.000	711.700	1660.000	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
QT	5.000	226.000	426.000	536.000	807.000	536.000	0.0	0.0	0.0	0.0
X1	4125.000	9.000	1100.000	1120.000	3500.000	3500.000	3500.000	0.0	0.0	0.0
GR	761.300	1000.000	745.500	1100.000	738.900	1102.000	738.700	1105.000	738.900	1108.000
GR	742.600	1120.000	742.800	1200.000	754.900	1300.000	761.300	1330.000	0.0	0.0
X1	4175.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	4225.000	19.000	1787.500	1792.500	50.000	50.000	50.000	0.0	0.0	0.0
GR	779.200	1000.000	774.800	1100.000	770.500	1200.000	766.700	1300.000	763.400	1400.000
GR	761.300	1500.000	760.700	1600.000	760.600	1697.000	746.400	1785.000	743.500	1787.500
GR	739.600	1787.500	739.600	1792.500	743.500	1792.500	743.500	1805.000	743.700	1885.000
GR	755.800	1985.000	762.200	2015.000	775.100	2100.000	779.300	2200.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	5.000	0.010	27.500	0.0	0.0	0.0
X1	4415.000	0.0	0.0	0.0	190.000	190.000	190.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	745.000	760.500	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	779.200	0.0	1100.000	774.800	0.0	1200.000	770.500	0.0
BT	1300.000	766.700	0.0	1400.000	763.400	0.0	1500.000	761.300	0.0	1600.000
BT	760.700	0.0	1700.000	760.500	0.0	1787.500	763.100	745.000	1792.500	763.100
BT	745.000	1800.000	763.000	0.0	1900.000	766.700	0.0	2000.000	771.000	0.0
BT	2100.000	775.100	0.0	2200.000	779.300	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	4465.000	9.000	1100.000	1120.000	50.000	50.000	50.000	0.0	0.900	0.0
GR	761.300	1000.000	745.500	1100.000	738.900	1102.000	738.700	1105.000	738.900	1108.000
GR	742.600	1120.000	742.800	1200.000	754.900	1300.000	761.300	1330.000	0.0	0.0
X1	4515.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	161.000	312.000	397.000	644.000	397.000	0.0	0.0	0.0	0.0
X1	4665.000	9.000	1161.000	1166.000	150.000	150.000	150.000	0.0	-7.910	0.0
GR	772.700	1000.000	762.100	1100.000	757.600	1161.000	755.900	1162.000	755.800	1163.000
GR	755.900	1164.000	757.900	1166.000	761.300	1200.000	772.700	1240.000	0.0	0.0
X1	4715.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.450	0.0
NC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0
X1	4765.000	16.000	1131.500	1135.600	50.000	50.000	50.000	0.0	0.0	0.0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN FL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CUSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
625.00	625.00	0.0	0.0	689.10	329.00	693.00	17.34	693.66	16.21	0.0	0.0	6.54
625.00	625.00	0.0	0.0	689.10	620.00	694.39	37.82	694.93	179.49	0.0	0.0	6.56
625.00	625.00	0.0	0.0	689.10	774.00	694.65	47.43	695.14	207.59	0.0	0.0	6.68
625.00	625.00	0.0	0.0	689.10	1153.00	695.02	66.51	695.53	253.16	0.0	0.0	7.35
4125.00	3500.00	0.0	0.0	738.70	226.00	742.41	29.50	742.83	18.46	0.0	0.0	5.19
4125.00	3500.00	0.0	0.0	738.70	426.00	743.14	50.78	743.74	102.16	0.0	0.0	6.57
4125.00	3500.00	0.0	0.0	738.70	536.00	743.40	63.46	744.01	104.34	0.0	0.0	6.93
4125.00	3500.00	0.0	0.0	738.70	807.00	743.96	99.35	744.55	109.20	0.0	0.0	7.30
4175.00	50.00	0.0	0.0	739.20	226.00	742.68	25.75	743.19	17.63	0.0	0.0	5.74
4175.00	50.00	0.0	0.0	739.20	426.00	743.65	51.06	744.24	102.21	0.0	0.0	6.54
4175.00	50.00	0.0	0.0	739.20	536.00	743.89	63.03	744.51	104.27	0.0	0.0	6.97
4175.00	50.00	0.0	0.0	739.20	807.00	744.38	93.15	745.04	108.45	0.0	0.0	7.69
4225.00	50.00	0.0	0.0	739.60	226.00	744.06	35.13	744.36	100.95	0.0	0.0	5.54
4225.00	50.00	0.0	0.0	739.60	426.00	744.34	56.51	744.74	103.55	0.0	0.0	6.76
4225.00	50.00	0.0	0.0	739.60	536.00	744.47	68.54	744.92	104.75	0.0	0.0	7.16
4225.00	50.00	0.0	0.0	739.60	807.00	744.92	116.91	745.36	108.76	0.0	0.0	6.68
4415.00	190.00	760.50	745.00	739.60	226.00	744.06	35.19	744.36	100.96	0.0	0.0	5.53
4415.00	190.00	760.50	745.00	739.60	426.00	744.35	56.63	744.74	103.57	0.0	0.0	6.75
4415.00	190.00	760.50	745.00	739.60	536.00	744.48	68.53	744.92	104.76	0.0	0.0	7.14
4415.00	190.00	760.50	745.00	739.60	807.00	761.03	11772.69	761.03	464.88	0.0	0.0	0.17
4465.00	50.00	0.0	0.0	739.60	226.00	744.38	67.64	744.47	104.99	0.0	0.0	2.78
4465.00	50.00	0.0	0.0	739.60	426.00	744.73	90.13	744.93	108.07	0.0	0.0	4.17
4465.00	50.00	0.0	0.0	739.60	536.00	744.89	101.32	745.14	109.43	0.0	0.0	4.78
4465.00	50.00	0.0	0.0	739.60	807.00	761.03	5824.96	761.03	317.12	0.0	0.0	0.37
4515.00	50.00	0.0	0.0	740.00	226.00	744.39	48.33	744.57	101.69	0.0	0.0	3.62
4515.00	50.00	0.0	0.0	740.00	426.00	744.78	68.14	745.12	105.06	0.0	0.0	5.20
4515.00	50.00	0.0	0.0	740.00	536.00	744.97	79.20	745.36	106.64	0.0	0.0	5.81
4515.00	50.00	0.0	0.0	740.00	807.00	761.03	5549.82	761.03	312.72	0.0	0.0	0.38
4665.00	150.00	0.0	0.0	747.89	161.00	751.29	15.09	751.83	39.73	0.0	0.0	7.24
4665.00	150.00	0.0	0.0	747.89	312.00	751.92	27.96	752.56	54.66	0.0	0.0	8.69
4665.00	150.00	0.0	0.0	747.89	397.00	752.23	36.44	752.86	61.91	0.0	0.0	8.99
4665.00	150.00	0.0	0.0	747.89	644.00	761.03	1348.03	761.03	191.36	0.0	0.0	0.89
4715.00	50.00	0.0	0.0	750.34	161.00	753.75	15.29	754.28	40.02	0.0	0.0	7.17
4715.00	50.00	0.0	0.0	750.34	312.00	754.39	28.30	755.01	54.98	0.0	0.0	8.61

4665.00	150.00	0.0	0.0	747.89	161.00	751.29	15.09	751.83	39.73	0.0	0.0	7.24
4665.00	150.00	0.0	0.0	747.89	312.00	751.92	27.96	752.56	54.66	0.0	0.0	8.69
4665.00	150.00	0.0	0.0	747.89	397.00	752.23	36.44	752.86	61.91	0.0	0.0	8.99
4665.00	150.00	0.0	0.0	747.89	644.00	761.03	1348.03	761.03	191.36	0.0	0.0	0.89
4715.00	50.00	0.0	0.0	750.34	161.00	753.75	15.29	754.28	40.02	0.0	0.0	7.17
4715.00	50.00	0.0	0.0	750.34	312.00	754.39	28.30	755.01	54.98	0.0	0.0	8.61
4715.00	50.00	0.0	0.0	750.34	397.00	754.61	34.44	755.31	60.31	0.0	0.0	9.40
4715.00	50.00	0.0	0.0	750.34	644.00	761.03	760.38	761.04	159.66	0.0	0.0	1.36
4765.00	50.00	0.0	0.0	752.70	161.00	755.39	20.87	755.82	35.71	0.0	0.0	6.36
4765.00	50.00	0.0	0.0	752.70	312.00	755.91	39.61	756.50	45.59	0.0	0.0	7.51
4765.00	50.00	0.0	0.0	752.70	397.00	756.15	50.61	756.79	50.06	0.0	0.0	7.92
4765.00	50.00	0.0	0.0	752.70	644.00	761.03	1645.33	761.04	412.76	0.0	0.0	0.77

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	EL OF GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENCR	VCH
4852.00	87.00	757.70	755.70	752.70	161.00	758.36	270.06	758.37	245.59	0.0	0.0	0.88
4852.00	87.00	757.70	755.70	752.70	312.00	758.72	359.31	758.73	289.77	0.0	0.0	1.35
4852.00	87.00	757.70	755.70	752.70	397.00	758.87	405.32	758.89	308.70	0.0	0.0	1.55
4852.00	87.00	757.70	755.70	752.70	644.00	761.09	1698.14	761.10	415.44	0.0	0.0	0.75
4902.00	50.00	0.0	0.0	755.80	161.00	759.20	15.04	759.74	39.66	0.0	0.0	7.26
4902.00	50.00	0.0	0.0	755.80	312.00	759.90	29.71	760.47	56.27	0.0	0.0	8.29
4902.00	50.00	0.0	0.0	755.80	397.00	760.10	37.45	760.77	62.69	0.0	0.0	8.80
4902.00	50.00	0.0	0.0	755.80	644.00	760.64	53.79	761.45	73.71	0.0	0.0	10.76
4952.00	50.00	0.0	0.0	758.82	161.00	762.23	15.31	762.76	40.05	0.0	0.0	7.16
4952.00	50.00	0.0	0.0	758.82	312.00	762.83	27.41	763.49	54.14	0.0	0.0	8.83
4952.00	50.00	0.0	0.0	758.82	397.00	763.16	36.32	763.79	61.81	0.0	0.0	9.02
4952.00	50.00	0.0	0.0	758.82	644.00	763.69	54.89	764.47	74.37	0.0	0.0	10.59
5470.00	518.00	0.0	0.0	763.80	129.00	767.17	14.34	767.72	19.49	0.0	0.0	6.85
5470.00	518.00	0.0	0.0	763.80	255.00	768.14	28.37	768.86	26.30	0.0	0.0	8.39
5470.00	518.00	0.0	0.0	763.80	329.00	768.45	34.37	769.33	28.55	0.0	0.0	9.44
5470.00	518.00	0.0	0.0	763.80	517.00	769.34	54.71	770.35	34.73	0.0	0.0	10.65

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH G	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
625.000	329.000	693.000	0.0	0.0	0.0	16.206	0.0	625.000
625.000	620.000	694.394	1.393	0.0	0.0	179.489	-163.283	625.000

//RAC1 JOB RTI.A25.P03078.XEZIAR,3=1,T=2,P=100,PTY=0

***PTOCLYREPTI.44.PROCLY

// EXEC RECD

XX3 EXEC PGM=HFC2,RE=5005	00000010
XXSTEPLIB DD DS=RTI.A25.P03078.JCL.LIB.LOAD,DISP=SHR	00000020
XYFT03F001 DD SYSOUT=A	00000030
XF101F001 DD DDNAME=SYSIN	00000040
XXFT01F001 DD DS=X191,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000050
XX DCB=(BU=V0=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000060
XYF192F001 DD DS=X192,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000070
XX DCB=(BU=V0=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000080
XXFT03F001 DD DS=X193,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000090
XX DCB=(BU=V0=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000100
XXF194F001 DD DS=X194,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000110
XX DCB=(BU=V0=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000120
XXFT05F001 DD DS=X195,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000130
XX DCB=(BU=V0=1,RECFM=VRS,LRECL=1000,BLKSIZE=6400)	00000140
XXF196F001 DD DS=X196,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000150
XX DCB=(BU=V0=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000160

//SYSIN DD *

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16F285I ALLOC. FOR RAC1 6

16F287I 177 ALLOCATED TO STEPLIB

16F287I 562 ALLOCATED TO FT03F001

16F287I 903 ALLOCATED TO FT01F001

16F287I 150 ALLOCATED TO FT01F001

16F287I 150 ALLOCATED TO FT92F001

16F287I 150 ALLOCATED TO FT93F001

16F287I 150 ALLOCATED TO FT94F001

16F287I 150 ALLOCATED TO FT95F001

16F287I 150 ALLOCATED TO FT96F001

16F282I - STEP WAS EXECUTED - LOG MODE 0000

16F283I RTI.A25.P03078.JCL.LIB.LOAD KEPT

16F283I VOL SER IS= RTI044.

16F283I SYS77279,1185034,AV001,RAC1,171 DELETED

16F283I VOL SER IS= SPAN7.

16F283I SYS77279,1185034,AV001,RAC1,192 DELETED

16F283I VOL SER IS= SPAN7.

16F283I SYS77279,1185034,AV001,RAC1,193 DELETED

16F283I VOL SER IS= SPAN7.

16F283I SYS77279,1185034,AV001,RAC1,194 DELETED

16F283I VOL SER IS= SPAN7.

16F283I SYS77279,1185034,AV001,RAC1,195 DELETED

16F283I VOL SER IS= SPAN7.

16F283I SYS77279,1185034,AV001,RAC1,196 DELETED

16F283I VOL SER IS= SPAN7.

CONF=STAN TIME=0:14.1 UR=193 RC/UR=0:00.0 RC=----

USE=276K C=0:00:24.2 SYS=431 REP=0:00.0

170--0:00.0 IARC=----0 FL SR=0:00.0

RAC1 TIME=0:14.1

MADE IN U.S.A.

110

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

T1 CHINA GROVE-ROBAM CO. BASIN A STRM 9-1CG
 T2 FLOODPLAIN STUDY AT ROBERT & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IPC	MINV	IDIR	STRY	METRIC	HVIGS	Q	WSEL	FQ
	-1.	2.	0.	0.	0.036000	0.0	0.0	0.	694.100	0.0

J2	INPROP	IPLUT	PRFVS	XSECV	XSECH	FW	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									
	33.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000

	54.000	55.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
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J4 IPRINT 0 SEC *****REQUESTED SECTION NUMBERS*****

	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J6	0.100	0.100	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0
J7	0.000	329.000	600.000	774.000	1183.000	774.000	0.0	0.0	0.0	0.0
J8	0.000	0.0	0.0	0.0	0.0	-10.000	0.0	0.0	0.0	0.0

J1	625.000	13.000	1010.000	1472.000	625.000	625.000	625.000	0.0	0.0	0.0
J2	655.700	1000.000	654.100	1100.000	603.500	1200.000	695.500	1300.000	695.000	1400.000
J3	674.800	1450.000	120.200	1353.000	650.100	1463.000	689.200	1460.000	598.100	1472.000
J4	690.800	1500.000	703.000	1300.000	711.700	1660.000	0.0	0.0	0.0	0.0
J5	0.000	0.000	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0
J6	0.000	226.000	456.000	576.000	807.000	536.000	0.0	0.0	0.0	0.0

J7	4124.000	0.000	1100.000	1120.000	3500.000	3500.000	3500.000	0.0	0.0	0.0
J8	757.300	1000.000	745.500	1100.000	736.900	1102.000	738.700	1105.000	738.900	1108.000
J9	730.100	1120.000	742.500	1200.000	754.900	1300.000	761.300	1330.000	0.0	0.0

J1	4175.000	0.000	0.0	0.0	50.000	50.000	50.000	0.0	0.500	0.0
J2	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

J3	4225.000	19.000	1727.500	1792.500	50.000	50.000	50.000	0.0	0.0	0.0
J4	775.200	1000.000	774.500	1100.000	770.500	1200.000	766.700	1300.000	763.400	1400.000
J5	741.300	1500.000	750.700	1400.000	750.600	1697.000	746.400	1785.000	743.500	1787.500
J6	739.300	1757.500	739.600	1792.500	743.500	1792.500	743.500	1805.000	743.700	1885.000
J7	755.800	1745.000	742.200	2015.000	775.100	2100.000	779.300	2200.000	0.0	0.0
J8	0.000	1.500	2.500	0.0	5.000	0.010	27.500	0.0	0.0	0.0

MADE IN U.S.A.

X1	4415.000	0.0	0.0	0.0	190.000	190.000	190.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	745.000	760.500	0.0	0.0	0.0	0.0	0.0
BT	15.000	1000.000	779.200	0.0	1100.000	774.800	0.0	1200.000	770.500	0.0
BT	1300.000	766.700	0.0	1400.000	763.400	0.0	1300.000	761.300	0.0	1600.000
BT	760.700	0.0	1700.000	760.500	0.0	1787.500	763.100	745.000	1792.500	763.100
BT	745.000	1000.000	763.000	0.0	1900.000	766.700	0.0	2000.000	771.000	0.0
BT	2100.000	775.100	0.0	2200.000	779.300	0.0	0.0	0.0	0.0	0.0
TC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4465.000	9.000	1100.000	1120.000	50.000	50.000	50.000	0.0	0.900	0.0
GR	761.300	1000.000	745.500	1100.000	758.900	1102.000	738.700	1105.000	738.900	1108.000
GR	742.600	1120.000	742.600	1200.000	754.900	1300.000	761.300	1330.000	0.0	0.0

X1	4515.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.400	0.0
QT	5.000	161.000	312.000	397.000	644.000	397.000	0.0	0.0	0.0	0.0

X1	4665.000	9.000	1161.000	1166.000	150.000	150.000	150.000	0.0	-7.910	0.0
GR	772.700	1000.000	762.100	1100.000	757.600	1161.000	755.900	1162.000	755.800	1163.000
GR	755.900	1164.000	757.900	1166.000	761.300	1200.000	772.700	1240.000	0.0	0.0

X1	4715.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	2.450	0.0
TC	0.025	0.125	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4765.000	15.000	1131.500	1135.600	50.000	50.000	50.000	0.0	0.0	0.0
SP	759.500	970.000	759.000	1070.000	754.500	1131.000	754.200	1131.500	753.100	1132.000
GR	752.700	1133.000	753.100	1134.000	754.200	1135.600	754.200	1148.000	759.200	1170.000
GR	757.200	1173.000	756.300	1290.000	757.700	1300.000	759.000	1400.000	762.200	1500.000
GR	760.900	1385.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SR	0.900	1.500	2.500	3.0	3.000	0.010	7.070	0.0	0.0	0.0

X1	4852.000	0.0	0.0	0.0	87.000	87.000	87.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	735.700	757.700	0.0	0.0	0.0	0.0	0.0
BT	137.000	970.000	757.000	0.0	1000.000	756.500	0.0	1100.000	761.700	0.0
BT	1131.000	760.000	754.000	1132.000	750.400	755.300	1133.000	760.400	755.700	1134.000
BT	760.400	755.300	1145.000	750.400	754.200	1200.000	758.300	0.0	1300.000	757.700
BT	0.0	1400.000	759.000	0.0	1500.000	762.200	0.0	1505.000	764.900	0.0
TC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4902.000	9.000	1161.000	1166.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	772.700	1000.000	762.100	1100.000	757.600	1161.000	755.900	1162.000	755.800	1163.000
GR	755.900	1164.000	757.900	1166.000	761.300	1200.000	772.700	1240.000	0.0	0.0

X1	4952.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	3.020	0.0
BT	0.000	125.000	235.000	329.000	517.000	329.000	0.0	0.0	0.0	0.0

X1	5470.000	10.000	1346.000	1351.000	518.000	518.000	518.000	0.0	0.0	0.0
GR	739.000	1000.000	753.000	1100.000	773.100	1200.000	773.700	1300.000	755.100	1346.000
GR	763.800	1346.000	755.100	1351.000	776.500	1370.000	779.600	1400.000	789.000	1450.000
ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MADE IN U.S.A.

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

T1 CHINA GROVE-ROWAN CO. BASIN A STRM. 9-1CG
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	MINV	IDIR	STRT	METRIC	BVINS	Q	WSEL	FG
	-10.	3.	0.	0.	0.036000	0.0	0.0	0.	695.100	0.0
J2	WPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	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

T1 CHINA GROVE-ROWAN CO. BASIN A STRM 9-1CG
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES N-G JOB NO. 691B
T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ITRA	NINV	IDIR	STRT	METRIC	HVINS	W	WSEL	FO
	-10.	4.	0.	0.	0.036000	0.0	0.0	0.	597.100	0.0

J2	VPROF	IPLOT	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

MADE IN U.S.A.

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

T1 CHINA GROVE-ROWAN CO. BASIN A SYRM 9-1CG
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES K-G JOB NO. 5918
 T3 300 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IRG	MINV	IDTR	STRT	METRIC	RVINS	Q	WSEL	FR
	-10.	5.	0.	0.	0.036000	0.0	0.0	0.	690.100	0.0
J2	IPROP	IPLOT	PRFVS	XSEGV	XSECH	FN	ACLOC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

	SECTNO	ZLCH	ELTRD	ELLC	J	ELRIN	CHSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
	625.000	625.00	0.0	0.0	329.00	689.10	693.00	0.0	6.54	1454.00	1470.20	50.31	0.0
* A	625.000	625.00	0.0	0.0	620.00	689.10	694.39	694.39	6.56	1081.58	1471.01	155.68	1.39
*	625.000	625.00	0.0	0.0	774.00	689.10	694.65	694.65	6.68	1065.87	1471.16	204.35	0.25
*	625.000	625.00	0.0	0.0	1153.00	689.10	695.02	695.02	7.35	1042.51	1471.37	289.78	0.37
	4125.000	3500.00	0.0	0.0	226.00	738.70	742.41	741.54	5.19	1100.94	1119.39	43.55	0.0
B	4125.000	3500.00	0.0	0.0	426.00	738.70	743.14	743.12	6.57	1100.71	1202.87	93.90	0.73
*	4125.000	3500.00	0.0	0.0	536.00	738.70	743.00	743.37	6.93	1100.64	1204.98	120.20	0.26
*	4125.000	3500.00	0.0	0.0	807.00	738.70	743.96	0.0	7.30	1100.46	1209.66	180.74	0.56
	4175.000	50.00	0.0	0.0	226.00	739.20	742.68	0.0	5.74	1101.01	1118.64	39.35	0.0
*	4175.000	50.00	0.0	0.0	426.00	739.20	743.69	743.65	5.56	1100.71	1202.88	94.00	0.97
*	4175.000	50.00	0.0	0.0	536.00	739.20	743.08	743.88	7.04	1100.64	1204.70	117.72	0.23
*	4175.000	50.00	0.0	0.0	807.00	739.20	744.33	744.33	7.09	1100.49	1208.94	171.23	0.50
	4225.000	50.00	0.0	0.0	226.00	739.60	744.06	744.05	5.54	1787.02	1887.97	66.69	0.0
*	4225.000	50.00	0.0	0.0	426.00	739.60	744.34	744.34	6.77	1786.77	1890.32	95.80	0.28
*	4225.000	50.00	0.0	0.0	536.00	739.60	744.47	744.47	7.16	1786.66	1891.40	109.43	0.13
*	4225.000	50.00	0.0	0.0	807.00	739.60	744.92	0.0	6.68	1786.28	1895.04	156.38	0.45
4320 CORPORATE LIMITS													
	4415.000	190.00	760.50	745.00	226.00	739.60	744.06	0.0	5.53	1787.02	1887.98	66.79	0.0
A	4415.000	190.00	760.50	745.00	426.00	739.60	744.35	0.0	6.75	1786.77	1890.33	95.95	0.29
*	4415.000	190.00	760.50	745.00	536.00	739.60	744.48	0.0	7.15	1786.66	1891.42	109.63	0.13
*	4415.000	190.00	760.50	745.00	807.00	739.60	744.03	0.0	0.17	1544.65	2009.53	3662.51	15.55
	4465.000	50.00	0.0	0.0	226.00	739.60	744.38	0.0	2.78	1100.61	1205.60	128.09	0.0
B	4465.000	50.00	0.0	0.0	426.00	739.60	744.74	0.0	4.17	1100.50	1209.57	163.40	0.36
*	4465.000	50.00	0.0	0.0	536.00	739.60	744.89	0.0	4.77	1100.46	1209.89	183.74	0.16
*	4465.000	50.00	0.0	0.0	807.00	739.60	744.93	0.0	0.37	1097.49	1324.52	3660.62	16.14
	4515.000	50.00	0.0	0.0	226.00	740.00	744.39	0.0	3.62	1100.73	1202.41	88.23	0.0
*	4515.000	50.00	0.0	0.0	426.00	740.00	744.73	0.0	5.21	1100.61	1205.67	129.00	0.39
*	4515.000	50.00	0.0	0.0	536.00	740.00	744.97	0.0	5.81	1100.55	1207.19	148.49	0.18
*	4515.000	50.00	0.0	0.0	807.00	740.00	744.03	0.0	0.38	1009.93	1322.65	3534.68	16.06
	4565.000	150.00	0.0	0.0	161.00	747.89	751.29	751.29	7.24	1139.29	1179.02	39.61	0.0
* C	4565.000	150.00	0.0	0.0	312.00	747.89	751.93	751.93	8.69	1130.70	1185.36	69.53	0.63
*	4565.000	150.00	0.0	0.0	397.00	747.89	752.23	752.23	8.99	1126.52	1188.43	87.48	0.31
*	4565.000	150.00	0.0	0.0	644.00	747.89	751.03	0.0	0.89	1035.46	1226.81	1257.84	8.80

MADE IN U.S.A.

SEC ID	DEPTH	ELDT	ELDTF	CSSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP		
* 4715.000	50.00	0.0	0.0	161.00	750.34	753.75	753.75	7.17	1139.12	1179.14	40.11	0.0
* 4715.000	50.00	0.0	0.0	312.00	750.34	754.39	754.39	8.61	1130.51	1185.49	70.27	0.64
* 4715.000	50.00	0.0	0.0	397.00	750.34	754.61	754.61	9.40	1127.44	1187.76	83.33	0.23
* 4715.000	50.00	0.0	0.0	644.00	750.34	751.03	0.0	1.35	1058.59	1218.21	827.64	6.41
* 4755.000	50.00	0.0	0.0	161.00	752.70	755.40	755.40	6.36	1118.86	1154.58	33.37	0.0
* 4755.000	50.00	0.0	0.1	312.00	752.70	755.91	755.91	7.51	1111.83	1157.43	54.45	0.52
* 4755.000	50.00	0.0	0.0	397.00	752.70	756.15	756.15	7.92	1108.66	1158.72	65.66	0.23
* 4755.000	50.00	0.0	0.0	644.00	752.70	751.03	0.0	0.77	1050.85	1463.40	1209.59	4.89
D 4852.000	87.00	757.70	755.70	161.00	752.70	758.36	0.0	0.88	1078.54	1351.52	278.17	0.0
D 4852.000	87.00	757.70	755.70	312.00	752.70	758.72	0.0	1.35	1073.59	1379.05	373.98	0.36
D 4852.000	87.00	757.70	755.70	397.00	752.70	758.87	0.0	1.55	1071.51	1390.84	419.85	0.15
D 4852.000	87.00	757.70	755.70	644.00	752.70	751.10	0.0	0.75	1050.19	1465.63	1259.51	2.22
* 4902.000	50.00	0.0	0.0	161.00	755.80	759.20	759.20	7.26	1139.33	1178.99	39.50	0.0
* 4902.000	50.00	0.0	0.0	312.00	755.80	759.90	759.90	8.29	1129.77	1186.04	73.33	0.71
* 4902.000	50.00	0.0	0.0	397.00	755.80	760.18	760.18	8.60	1126.07	1188.77	89.55	0.27
* 4902.000	50.00	0.0	0.0	644.00	755.80	760.64	760.64	10.76	1119.73	1193.44	121.45	0.47
* 4952.000	50.00	0.0	0.0	161.00	753.82	752.23	752.23	7.16	1139.10	1179.15	40.16	0.0
* 4952.000	50.00	0.0	0.0	312.00	753.82	752.83	752.83	8.83	1131.00	1185.13	68.33	0.60
* 4952.000	50.00	0.0	0.0	397.00	753.82	753.15	753.15	9.02	1126.53	1188.39	87.22	0.33
* 4952.000	50.00	0.0	0.0	644.00	753.82	753.69	753.69	10.59	1119.35	1193.72	123.51	0.53
F 5473.000	515.00	0.0	0.0	125.00	753.00	757.17	0.0	6.85	1334.95	1354.44	28.55	0.0
F 5473.000	515.00	0.0	0.0	255.00	753.00	758.14	0.0	8.39	1329.75	1356.06	50.76	0.97
F 5473.000	515.00	0.0	0.0	329.00	753.00	758.45	0.0	9.44	1328.04	1356.59	59.56	0.31
F 5473.000	515.00	0.0	0.0	517.00	753.00	759.34	0.0	10.65	1323.33	1358.06	87.42	0.89

SUMMARY TABLE

CAUTION SEC ID = 4225.000	PROFILE = 1	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 3	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 4	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 5	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 6	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 7	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 8	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 9	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 10	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 11	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 12	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 13	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 14	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 15	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 16	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 17	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 18	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 19	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 20	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 21	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 22	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 23	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 24	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 25	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 26	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 27	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 28	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 29	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 30	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 31	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 32	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 33	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 34	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 35	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 36	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 37	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 38	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 39	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 40	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 41	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 42	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 43	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 44	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 45	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 46	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 47	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 48	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 49	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 50	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 51	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 52	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 53	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 54	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 55	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 56	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 57	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 58	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 59	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 60	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 61	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 62	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 63	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 64	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 65	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 66	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 67	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 68	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 69	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 70	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 71	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 72	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 73	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 74	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 75	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 76	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 77	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 78	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 79	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 80	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 81	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 82	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 83	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 84	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 85	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 86	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 87	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 88	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 89	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 90	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 91	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 92	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 93	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 94	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 95	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 96	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 97	CRITICAL DEPTH ASSUMED
CAUTION SEC ID = 4225.000	PROFILE = 98	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SEC ID = 4225.000	PROFILE = 99	20 TRIALS ATTEMPTED TO BALANCE USEL
CAUTION SEC ID = 4225.000	PROFILE = 100	CRITICAL DEPTH ASSUMED

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