

# PROFILE

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CHINA GROVE  
 ROWAN CO.  
 STRM 9-2CG  
 PETREA BRANCH

PROGRAMMER=KEZIAH

ACCOUNT=RTI.A25.P03078

JOB TURN-AROUND		JOB PARAMETERS			TIME USED INCLUDES			MISC. JOB VALUES	
DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT				
ENTERED	2/22/77 10:54:30.8	TIME	2:00.0	0:12.2	CPU	0:02.4	LINES IN	76	
EXECUTED	2/22/77 10:07:55.5	PAGES	100	18	UR EXCPS	0:03.6	LINES OUT	739	
RETURNED	2/23/77 12:41:42.1	CARDS	0	0	DISK EXCPS	0:06.2	MEMORY TIME	6105 K-SEC	
JOB ENTERED ON	TUESDAY	PLOTS	0	0	TAPE READ-WRITE	0:00.0	PRIORITY	00	
					TAPE FILE SEARCH	0:00.0	APPROX. COST	\$2.80	

J O B C O N S O L E L O G

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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C  
 1 CHINA GROVE-ROWAN CO. BASIN E STRM 9-2CG  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	2.	0.	0.	0.011000	0.0	0.0	0.	708.100	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHN1M	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	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	370.000	687.000	852.000	1255.000	852.000	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	1200.000	25.000	2000.000	2020.000	1200.000	1200.000	1200.000	0.0	0.0	0.0
GR	712.000	1000.000	711.800	1100.000	711.900	1200.000	711.700	1300.000	711.400	1400.000
GR	711.500	1500.000	711.400	1600.000	711.300	1700.000	710.800	1800.000	710.600	1900.000
GR	710.600	2000.000	703.400	2005.000	703.300	2008.000	703.300	2010.000	710.700	2020.000
GR	710.300	2100.000	709.100	2200.000	708.400	2300.000	708.200	2400.000	707.600	2500.000
GR	707.400	2600.000	707.600	2700.000	708.200	2800.000	708.500	2900.000	708.800	3000.000
NC	0.055	0.055	0.035	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	228.000	443.000	561.000	860.000	561.000	0.0	0.0	0.0	0.0
X1	2200.000	11.000	1268.000	1282.000	1000.000	1000.000	1000.000	0.0	0.0	0.0
GR	733.000	1000.000	722.500	1100.000	718.900	1200.000	718.100	1268.000	711.100	1271.000
GR	711.000	1273.000	711.100	1275.000	718.400	1282.000	720.100	1300.000	729.000	1400.000
GR	733.000	1430.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	151.000	301.000	388.000	610.000	388.000	0.0	0.0	0.0	0.0
X1	4500.000	12.000	1335.000	1348.000	2300.000	2300.000	2300.000	0.0	0.0	0.0
GR	777.100	1000.000	774.000	1100.000	767.000	1200.000	762.500	1300.000	761.200	1335.000
GR	758.200	1339.000	758.100	1341.000	758.200	1343.000	761.500	1348.000	762.700	1400.000
GR	771.000	1500.000	771.000	1500.000	771.000	1500.000	771.000	1500.000	771.000	1500.000



SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWID	STENCL	STENCR	VCH
1200.00	1200.00	0.0	0.0	703.30	370.00	708.17	35.35	708.27	404.91	0.0	0.0	3.61
1200.00	1200.00	0.0	0.0	703.30	627.00	708.52	64.90	708.60	637.90	0.0	0.0	3.79
1200.00	1200.00	0.0	0.0	703.30	852.00	708.66	81.91	708.73	705.39	0.0	0.0	3.77
1200.00	1200.00	0.0	0.0	703.30	1255.00	708.91	120.02	708.98	789.35	0.0	0.0	3.88
2200.00	1000.00	0.0	0.0	711.00	228.00	716.30	29.84	716.81	11.21	0.0	0.0	5.74
2200.00	1000.00	0.0	0.0	711.00	443.00	717.78	49.02	718.69	13.27	0.0	0.0	7.66
2200.00	1000.00	0.0	0.0	711.00	561.00	718.26	56.83	719.44	27.60	0.0	0.0	8.70
2200.00	1000.00	0.0	0.0	711.00	860.00	719.48	103.24	720.42	109.77	0.0	0.0	8.54
4500.00	2300.00	0.0	0.0	758.10	151.00	760.78	11.32	761.66	11.35	0.0	0.0	7.55
4500.00	2300.00	0.0	0.0	758.10	301.00	762.23	34.41	762.89	72.11	0.0	0.0	6.94
4500.00	2300.00	0.0	0.0	758.10	388.00	762.64	49.59	763.20	100.74	0.0	0.0	6.78
4500.00	2300.00	0.0	0.0	758.10	610.00	763.08	74.12	763.70	117.39	0.0	0.0	7.74
4550.00	50.00	0.0	0.0	759.30	151.00	761.97	11.26	762.86	11.33	0.0	0.0	7.58
4550.00	50.00	0.0	0.0	759.30	301.00	763.41	33.99	764.09	71.12	0.0	0.0	7.00
4550.00	50.00	0.0	0.0	759.30	388.00	763.84	49.52	764.40	100.64	0.0	0.0	6.79
4550.00	50.00	0.0	0.0	759.30	610.00	764.27	73.58	764.90	117.11	0.0	0.0	7.79
4600.00	50.00	0.0	0.0	755.80	151.00	762.95	538.57	762.95	165.78	0.0	0.0	0.44
4600.00	50.00	0.0	0.0	755.80	301.00	764.16	944.48	764.16	195.49	0.0	0.0	0.56
4600.00	50.00	0.0	0.0	755.80	388.00	764.45	1063.66	764.46	202.80	0.0	0.0	0.66
4600.00	50.00	0.0	0.0	755.80	610.00	764.95	1285.68	764.96	215.26	0.0	0.0	0.89
4650.00	50.00	765.20	759.80	755.80	151.00	765.56	1585.37	765.56	230.29	0.0	0.0	0.19
4650.00	50.00	765.20	759.80	755.80	301.00	766.24	1966.38	766.25	248.51	0.0	0.0	0.32
4650.00	50.00	765.20	759.80	755.80	388.00	766.45	2094.48	766.45	259.56	0.0	0.0	0.39
4650.00	50.00	765.20	759.80	755.80	610.00	766.82	2342.51	766.82	280.83	0.0	0.0	0.56

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TO	EG	TOPWID	STENCL	STENCR	VCH
<i>500</i> 1200.00	1200.00	0.0	0.0	703.30	370.00	708.17	35.35	708.27	404.91	0.0	0.0	3.61
<del>1200.00</del>	1200.00	0.0	0.0	703.30	687.00	708.52	64.90	708.60	637.90	0.0	0.0	3.79
<del>1200.00</del>	1200.00	0.0	0.0	703.30	852.00	708.66	81.91	708.73	705.39	0.0	0.0	3.77
<del>1200.00</del>	1200.00	0.0	0.0	703.30	1255.00	708.91	120.02	708.98	789.35	0.0	0.0	3.88
<i>1700</i> 2200.00	1000.00	0.0	0.0	711.00	228.00	716.30	29.84	716.81	11.21	0.0	0.0	5.74
<del>2200.00</del>	1000.00	0.0	0.0	711.00	443.00	717.78	49.02	718.69	13.27	0.0	0.0	7.66
<del>2200.00</del>	1000.00	0.0	0.0	711.00	561.00	718.26	56.83	719.44	27.60	0.0	0.0	8.70
<del>2200.00</del>	1000.00	0.0	0.0	711.00	860.00	719.48	103.24	720.42	109.77	0.0	0.0	8.54
4500.00	2300.00	0.0	0.0	758.10	151.00	760.78	11.32	761.66	11.35	0.0	0.0	7.55
4500.00	2300.00	0.0	0.0	758.10	301.00	762.23	34.41	762.89	72.11	0.0	0.0	6.94
4500.00	2300.00	0.0	0.0	758.10	388.00	762.64	49.59	763.20	100.74	0.0	0.0	6.78
4500.00	2300.00	0.0	0.0	758.10	610.00	763.08	74.12	763.70	117.39	0.0	0.0	7.74
<i>AX</i> 4550.00	50.00	0.0	0.0	759.30	151.00	761.97	11.26	762.86	11.33	0.0	0.0	7.58
<i>CHINA</i> 4550.00	50.00	0.0	0.0	759.30	301.00	763.41	33.99	764.09	71.12	0.0	0.0	7.00
4550.00	50.00	0.0	0.0	759.30	388.00	763.84	49.52	764.40	100.64	0.0	0.0	6.79
4550.00	50.00	0.0	0.0	759.30	610.00	764.27	73.58	764.90	117.11	0.0	0.0	7.79
4600.00	50.00	0.0	0.0	755.80	151.00	762.95	538.57	762.95	165.78	0.0	0.0	0.44
4600.00	50.00	0.0	0.0	755.80	301.00	764.16	944.48	764.16	195.49	0.0	0.0	0.56
4600.00	50.00	0.0	0.0	755.80	388.00	764.45	1063.66	764.46	202.80	0.0	0.0	0.60
4600.00	50.00	0.0	0.0	755.80	610.00	764.95	1285.68	764.96	215.26	0.0	0.0	0.89
4650.00	50.00	765.20	759.80	755.80	151.00	765.56	1585.37	765.56	230.29	0.0	0.0	0.19
4650.00	50.00	765.20	759.80	755.80	301.00	766.24	1966.38	766.25	248.51	0.0	0.0	0.32
4650.00	50.00	765.20	759.80	755.80	388.00	766.45	2094.48	766.45	259.56	0.0	0.0	0.39
4650.00	50.00	765.20	759.80	755.80	610.00	766.82	2342.51	766.82	280.83	0.0	0.0	0.56
4700.00	50.00	0.0	0.0	757.00	151.00	765.56	569.94	765.56	238.11	0.0	0.0	0.39
<del>4700.00</del>	<del>50.00</del>	<del>0.0</del>	<del>0.0</del>	<del>757.00</del>	<del>301.00</del>	<del>766.24</del>	<del>738.55</del>	<del>766.25</del>	<del>258.78</del>	<del>0.0</del>	<del>0.0</del>	<del>0.39</del>

4550.00	50.00	0.0	0.0	759.30	301.00	763.41	33.99	764.09	71.12	0.0	0.0	7.00
4550.00	50.00	0.0	0.0	759.30	388.00	763.84	49.52	764.40	100.64	0.0	0.0	6.79
4550.00	50.00	0.0	0.0	759.30	610.00	764.27	73.58	764.90	117.11	0.0	0.0	7.79
4600.00	50.00	0.0	0.0	755.80	151.00	762.95	538.57	762.95	165.78	0.0	0.0	0.44
4600.00	50.00	0.0	0.0	755.80	301.00	764.16	944.48	764.16	195.49	0.0	0.0	0.56
4600.00	50.00	0.0	0.0	755.80	388.00	764.45	1063.66	764.46	202.80	0.0	0.0	0.66
4600.00	50.00	0.0	0.0	755.80	610.00	764.95	1285.68	764.96	215.26	0.0	0.0	0.89
4650.00	50.00	765.20	759.80	755.80	151.00	765.56	1585.37	765.56	230.29	0.0	0.0	0.19
4650.00	50.00	765.20	759.80	755.80	301.00	766.24	1966.38	766.25	248.51	0.0	0.0	0.32
4650.00	50.00	765.20	759.80	755.80	388.00	766.45	2094.48	766.45	259.56	0.0	0.0	0.39
4650.00	50.00	765.20	759.80	755.80	610.00	766.82	2342.51	766.82	280.83	0.0	0.0	0.56
4700.00	50.00	0.0	0.0	757.00	151.00	765.56	569.94	765.56	238.11	0.0	0.0	0.39
4700.00	50.00	0.0	0.0	757.00	301.00	766.24	738.55	766.25	258.38	0.0	0.0	0.63
4700.00	50.00	0.0	0.0	757.00	388.00	766.45	795.30	766.45	263.64	0.0	0.0	0.77
4700.00	50.00	0.0	0.0	757.00	610.00	766.82	905.49	766.83	273.30	0.0	0.0	1.10
4750.00	50.00	0.0	0.0	758.10	151.00	765.56	356.66	765.56	201.03	0.0	0.0	0.56
4750.00	50.00	0.0	0.0	758.10	301.00	766.24	482.20	766.25	224.07	0.0	0.0	0.88
4750.00	50.00	0.0	0.0	758.10	388.00	766.45	524.13	766.45	230.95	0.0	0.0	1.06
4750.00	50.00	0.0	0.0	758.10	610.00	766.82	606.67	766.83	243.60	0.0	0.0	1.49

CHINA  
GRADE

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
1200.000	370.000	708.169	0.0	0.0	0.0	404.910	0.0	1200.000
1200.000	687.000	708.516	0.347	0.0	0.0	637.896	-232.986	1200.000
1200.000	852.000	708.657	0.141	0.0	0.0	705.390	-300.480	1200.000
1200.000	1255.000	708.910	0.253	0.0	0.0	789.351	-384.440	1200.000
2200.000	228.000	716.297	0.0	8.128	0.0	11.208	0.0	1000.000
2200.000	443.000	717.777	1.481	9.261	0.0	13.266	-2.058	1000.000
2200.000	561.000	718.261	0.484	9.604	0.0	27.605	-16.397	1000.000
2200.000	860.000	719.485	1.224	10.575	0.0	109.773	-98.565	1000.000
4500.000	151.000	760.779	0.0	44.483	0.0	11.348	0.0	2300.000
4500.000	301.000	762.226	1.447	44.449	0.0	72.115	-60.767	2300.000
4500.000	388.000	762.643	0.417	44.392	0.0	100.740	-89.392	2300.000
4500.000	610.000	763.083	0.440	43.598	0.0	117.386	-106.038	2300.000
4550.000	151.000	761.972	0.0	1.193	0.0	11.327	0.0	50.000
4550.000	301.000	763.412	1.440	1.186	0.0	71.120	-59.792	50.000
4550.000	388.000	763.841	0.429	1.198	0.0	100.644	-89.317	50.000
4550.000	610.000	764.275	0.434	1.192	0.0	117.106	-105.779	50.000
4600.000	151.000	762.953	0.0	0.981	0.0	165.781	0.0	50.000
4600.000	301.000	764.156	1.203	0.744	0.0	195.495	-29.714	50.000
4600.000	388.000	764.451	0.295	0.610	0.0	202.795	-37.014	50.000
4600.000	610.000	764.955	0.504	0.590	0.0	215.260	-49.479	50.000

4550.000	151.000	761.972	0.0	1.193	0.0	11.327	0.0	50.000
4550.000	301.000	763.412	1.440	1.186	0.0	71.120	-59.792	50.000
4550.000	388.000	763.841	0.429	1.198	0.0	100.644	-89.317	50.000
4550.000	610.000	764.275	0.434	1.192	0.0	117.106	-105.779	50.000
4600.000	151.000	762.953	0.0	0.981	0.0	165.781	0.0	50.000
4600.000	301.000	764.156	1.203	0.744	0.0	195.495	-29.714	50.000
4600.000	388.000	764.451	0.295	0.610	0.0	202.795	-37.014	50.000
4600.000	610.000	764.955	0.504	0.680	0.0	215.260	-49.479	50.000
4650.000	151.000	765.563	0.0	2.610	0.0	230.289	0.0	50.000
4650.000	301.000	766.245	0.682	2.089	0.0	248.513	-18.224	50.000
4650.000	388.000	766.449	0.204	1.998	0.0	259.565	-29.275	50.000
4650.000	610.000	766.821	0.373	1.866	0.0	280.827	-50.538	50.000
4700.000	151.000	765.563	0.0	0.0	0.0	238.110	0.0	50.000
4700.000	301.000	766.244	0.681	-0.001	0.0	258.381	-20.271	50.000
4700.000	388.000	766.447	0.203	-0.001	0.0	263.639	-25.529	50.000
4700.000	610.000	766.819	0.372	-0.002	0.0	273.296	-35.186	50.000
4750.000	151.000	765.563	0.0	-0.001	0.0	201.033	0.0	50.000
4750.000	301.000	766.244	0.681	-0.001	0.0	224.069	-23.036	50.000
4750.000	388.000	766.447	0.203	-0.001	0.0	230.953	-29.920	50.000
4750.000	610.000	766.818	0.371	-0.001	0.0	243.604	-42.571	50.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0.0	0.0	6.235	0.0
2	0.0	0.0	10.786	4.552
3	0.0	0.0	12.941	6.706
4	0.0	0.0	17.542	11.308

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

1	1	*	*	*****	*****	***	***	*	*		CHINA GROVE	1
1	*	*	*	*	*	*	*	*	*	*	ROWAN COUNTY	1
1	*	*	*	*	*	*	*	*	*	*	PETREA BRANCH	1
1	*	*	*	*	*	*	*	*	*	*		1
1	*	*	*	*	*	*	*	*	*	*	9-209	1
1	*****	*	*	***	*	*	****	*****	*****	*****	***	1
1	*	*	*	*	*	*	*	*	*	*	*	1
1	*	*	*	*	*	*	*	*	*	*	*	1
1	*****	*	*	*****	*	*	*	*	*	*	*	1
1	*	*	*	*	*	*	*	*	*	*	*	1
1	*	*	*	*	*	*	*	*	*	*	*	1
1	*	*	*	*	*	*	*	*	*	*	*	1

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901

PROGRAMMER=PEPITH ACCOUNT=RTI:A25-P03070

JOB TWO-ARCURT JOB PARAMETERS TIME USED INCLUDES MISC. JOB VALUES

DATE	TIME	SPECIFIED	USED	NO.	EQUIVALENT
ENTERED 10/26/77	10:02:42.0	TIME	2:00.0	0:17.0	CPU
EXECUTED 10/26/77	10:51:07.0	PAGES	100	10	DK EXCPS
RETURNED 10/27/77	10:53:00.7	CARDS	0	0	RISK EXCPS
JOB ENTERED ON THURSDAY		FLCTS	0	0	TAPE READ-WRITE
					TAPE FILE SEARCH
					NO. EQUIVALENT
					0:02.8
					0:02.1
					0:09.3
					0:00.0
					0:00.0

LINE	IT	VAL
78	78	78
355	355	355
7100	K-SEC	7100 K-SEC
00	PRIORITY	PRIORITY
42.65	APPROX. COST	APPROX. COST

JOB TWO-ARCURT LOG

10:00.00 JOB 362 -- MARKC -- JCL INTERPRETED, TUCO CPU 12  
 10:51.00 JOB 363 -- MARKC -- BEGINNING EXEC - INIT 3 - CLASS  
 10:53.07 JOB 365 \*\*\*\*\*S\*\*\*\*\*=RTI:R270=MARKC 10:51:07 REZTAR  
 10:53.07 JOB 363 END EXECUTION.

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//RMAK2 JOB RTI.A25.P03070,UC2JAH,4=1,T=2,P=100,PRTY=0

\*\*\*PROCLIBERTI,PRCLIB

// EXEC HEC2

XXG EXEC PGM=HEC2,6=0000	00000010
XXSTEPLIB DD DSN=RTI.A25.P03070.JCL.LIB.LOAD,DISP=SHR	00000020
XXFT03F001 DD SYSOUT=A	00000030
XXFT01F001 DD DDNAME=SYSIN	00000040
XXFT91F001 DD DSN=RTI91,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000050
XX DCB=(BUFB=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000060
XXFT92F001 DD DSN=RTI92,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000070
XX DCB=(BUFB=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000080
XXFT93F001 DD DSN=RTI93,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000090
XX DCB=(BUFB=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000100
XXFT94F001 DD DSN=RTI94,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000110
XX DCB=(BUFB=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000120
XXFT95F001 DD DSN=RTI95,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000130
XX DCB=(BUFB=1,RECFM=VRS,LRECL=1000,BLKSIZE=6400)	00000140
XXFT96F001 DD DSN=RTI96,UNIT=DISK,DISP=(,DELETE),SPACE=(TRK,(20,20)),	00000150
XX DCB=(BUFB=1,RECFM=FB,LRECL=133,BLKSIZE=6384)	00000160

//SYSIN DD \*

//

IEF2361 ALLOC. FOR RMAK2 6  
 IEF2371 177 ALLOCATED TO STEPLIB  
 IEF2371 568 ALLOCATED TO FT03F001  
 IEF2371 502 ALLOCATED TO FT01F001  
 IEF2371 150 ALLOCATED TO FT91F001  
 IEF2371 150 ALLOCATED TO FT92F001  
 IEF2371 150 ALLOCATED TO FT93F001  
 IEF2371 150 ALLOCATED TO FT94F001  
 IEF2371 150 ALLOCATED TO FT95F001  
 IEF2371 150 ALLOCATED TO FT96F001

IEFJARI - STEP VS EXECUTED - CODE CODE 0000

IEF2681 RTI.A25.P03070.JCL.LIB.LOAD	KEPT
IEF2691 VOL SER POS= RTI444.	
IEF2691 SYS77279.T105036.RV001.RMAK2.191	DELETED
IEF2691 VOL SER POS= SPARE7.	
IEF2691 SYS77279.T105036.RV001.RMAK2.192	DELETED
IEF2691 VOL SER POS= SPARE7.	
IEF2691 SYS77279.T105036.RV001.RMAK2.193	DELETED
IEF2691 VOL SER POS= SPARE7.	
IEF2691 SYS77279.T105036.RV001.RMAK2.194	DELETED
IEF2691 VOL SER POS= SPARE7.	
IEF2691 SYS77279.T105036.RV001.RMAK2.195	DELETED
IEF2691 VOL SER POS= SPARE7.	
IEF2691 SYS77279.T105036.RV001.RMAK2.196	DELETED
IEF2691 VOL SER POS= SPARE7.	

0	001:05:00	TIME---0:12.4	00---468	RCZR---0:00.0	RC---0
1	031:26:22	070---0:02.5	0000---440	REWD---0:00.0	
2		170---0:02.5	TAPE-----0	FL SR---0:00.0	

RMAK2 TIME---0:12.4

MADE IN U.S.A.

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50.51.52  
 \*\*\*\*\*

C  
 T1 CHINA GROVE-ROSWAY CT. PASTOR E STRN 9-206  
 T2 FLOODPLAIN STUDY AT ROSWAY, DAVIDSON COUNTIES N-G JOB NO. 6916  
 T3 18 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ICF	ICMV	ICIR	ICRT	METRIC	HVINS	Q	WSLL	FD
	-1.	2.	0.	0.	0.011600	0.0	0.0	0.	703.100	0.0

J2	UPROF	IFLIT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIP	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	55.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
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J5	LEAST	0.000	*****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
BT	0.000	370.000	337.000	352.000	1295.000	552.000	0.0	0.0	0.0	0.0
ET	0.000	0.0	0.0	0.0	0.0	-10.000	0.0	0.0	0.0	0.0

J1	1700.000	25.000	2000.000	2020.000	560.000	502.000	1200.000	1200.000	0.0	0.0	0.0
SR	712.000	1000.000	711.000	1100.000	711.900	1200.000	711.700	1300.000	711.400	1400.000	
SR	711.500	1000.000	711.000	1100.000	711.300	1700.000	710.800	1800.000	710.600	1900.000	
SR	710.800	2000.000	703.000	2005.000	703.300	2008.000	703.300	2010.000	710.700	2020.000	
SR	710.300	2400.000	709.100	2200.000	705.400	2300.000	708.200	2400.000	707.600	2500.000	
SR	707.400	2800.000	707.000	2700.000	708.200	2800.000	708.500	2900.000	708.800	3000.000	
SR	0.000	0.000	0.000	0.100	0.300	0.0	0.0	0.0	0.0	0.0	
BT	0.000	223.000	663.000	151.000	300.000	561.000	0.0	0.0	0.0	0.0	

J1	0200.000	11.000	1263.000	1242.000	4166.000	4700.000	1000.000	0.0	0.0	0.0
SR	732.000	1000.000	722.000	1100.000	715.900	1200.000	718.100	1268.000	711.100	1271.000
SR	712.000	1075.000	711.000	1275.000	718.400	1282.000	720.100	1300.000	729.000	1400.000
SR	708.000	1450.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT	0.000	101.000	301.000	308.000	610.000	308.000	0.0	0.0	0.0	0.0

J1	0500.000	12.000	1375.000	1342.000	2300.000	2300.000	2300.000	0.0	0.0	0.0
SR	777.100	1000.000	774.000	1100.000	767.000	1200.000	762.500	1300.000	761.200	1335.000
SR	750.200	1330.000	750.100	1341.000	756.200	1343.000	761.500	1348.000	762.700	1400.000
SR	771.400	1500.000	777.100	1500.000	0.0	0.0	0.0	0.0	0.0	0.0

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XI	4550.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.200	0.0
XC	0.025	0.025	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4600.000	19.000	1465.000	1469.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	778.400	1000.000	774.800	1126.000	771.700	1226.000	767.700	1326.000	760.200	1426.000
GR	758.900	1461.000	757.800	1465.000	756.400	1465.600	755.800	1467.000	756.400	1468.400
GR	757.500	1469.000	759.200	1474.000	760.400	1526.000	766.200	1592.000	766.400	1600.000
GR	778.700	1700.000	771.300	1800.000	774.400	1900.000	778.400	2000.000	0.0	0.0
SB	0.900	1.500	2.500	0.0	4.000	0.010	12.700	0.0	0.0	0.0

RING SPRG. BRNCH. LANE EXLCEL 759.8 RDELV 765.4

X1	4650.000	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	759.800	765.200	0.0	0.0	0.0	0.0	0.0
BT	16.000	1000.000	778.400	0.0	1100.000	776.000	0.0	1200.000	773.800	0.0
BT	1300.000	771.400	0.0	1400.000	757.400	0.0	1465.000	765.400	757.800	1465.600
BT	765.400	759.200	1467.000	765.400	759.800	1468.400	765.400	759.200	1469.000	765.400
BT	757.500	1500.000	765.200	0.0	1400.000	766.400	0.0	1700.000	768.700	0.0
BT	1800.000	771.300	0.0	1900.000	774.400	0.0	2000.000	778.400	0.0	0.0
XC	0.055	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	4700.000	12.000	1335.000	1348.000	50.000	50.000	50.000	0.0	-1.100	0.0
GR	777.100	1000.000	774.000	1100.000	757.000	1200.000	762.500	1300.000	761.200	1335.000
GR	758.200	1339.000	758.100	1341.000	756.200	1343.000	761.500	1348.000	762.700	1400.000
GR	771.400	1500.000	777.100	1550.000	0.0	0.0	0.0	0.0	0.0	0.0

X1	4750.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1.100	0.0
ED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

DEI  
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HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

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T1 CHINA GROVE-ROWAN CO. BASIN E. STRM 9-206  
T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ICD	WINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-10.	3.	0.	0.	0.011000	0.0	0.0	0.	709.100	0.0

J2	IPROF	IPLOT	IPRFS	XSECV	XSECH	FW	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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NEC2 RELEASE DATED NOV 76 UPDATED FEB 1977

ERROR CORR - 01

MODIFICATION - 50,51,52

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T1 CHINA GROVE-ROWAN CO. BASIN E STRM 9-2CG  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IAG	DINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-10.	4.	0.	0.	0.011000	0.0	0.0	0.	711.100	0.0

J2	NPROP	IPLOT	PRFS	XSECV	XSECH	FN	ALCOC	IBW	CHNIM	ITRACE
	3,000	0.0	-1,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORR - 01  
 MODIFICATION - 50,51,52  
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T1 CHINA BRDVE - CO. BASIN E STRM 9-206  
 T2 FLOODPLAIN STUDY AT BOYD & DAVIDSON COUNTIES D-S JOB NO. 5912  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	IP	IPRO	IDIR	STRT	MTRIC	HYINS	0	WSEL	FR
	-10.	0.	0.	0.	0.011000	0.0	0.0	0.0	712.100	0.0

J2	PROF	IPLOT	PREVS	XSECV	XSECH	FM	ALLOC	IBW	CHNIN	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CODE = 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

SECCNO	XLEH	EL160	ELLC	Q	ELFIM	CWSCL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
<del>500.00</del>	<del>1200.00</del>	<del>0.0</del>	<del>0.0</del>	<del>370.00</del>	<del>703.30</del>	<del>708.17</del>	<del>0.0</del>	<del>3.61</del>	<del>2001.69</del>	<del>2795.01</del>	<del>236.32</del>	<del>0.0</del>
<del>1200.000</del>	<del>1200.00</del>	<del>0.0</del>	<del>0.0</del>	<del>637.00</del>	<del>703.30</del>	<del>708.52</del>	<del>0.0</del>	<del>3.78</del>	<del>2001.45</del>	<del>2905.58</del>	<del>419.67</del>	<del>0.35</del>
<del>1200.000</del>	<del>1200.00</del>	<del>0.0</del>	<del>0.0</del>	<del>652.00</del>	<del>703.30</del>	<del>709.68</del>	<del>0.0</del>	<del>3.77</del>	<del>2001.35</del>	<del>2952.63</del>	<del>514.33</del>	<del>0.14</del>
<del>1200.000</del>	<del>1200.00</del>	<del>0.0</del>	<del>0.0</del>	<del>1255.00</del>	<del>703.30</del>	<del>708.91</del>	<del>0.0</del>	<del>3.98</del>	<del>2001.17</del>	<del>3000.00</del>	<del>705.69</del>	<del>0.25</del>
<del>2200.000</del>	<del>1700.00</del>	<del>0.0</del>	<del>0.0</del>	<del>224.00</del>	<del>711.00</del>	<del>716.30</del>	<del>0.0</del>	<del>5.74</del>	<del>1268.77</del>	<del>1279.98</del>	<del>39.70</del>	<del>0.0</del>
<del>2200.000</del>	<del>1700.00</del>	<del>0.0</del>	<del>0.0</del>	<del>445.00</del>	<del>711.00</del>	<del>717.78</del>	<del>0.0</del>	<del>7.66</del>	<del>1268.14</del>	<del>1281.40</del>	<del>57.85</del>	<del>1.48</del>
<del>2200.000</del>	<del>1700.00</del>	<del>0.0</del>	<del>0.0</del>	<del>561.00</del>	<del>711.00</del>	<del>718.28</del>	<del>717.11</del>	<del>8.70</del>	<del>1254.25</del>	<del>1281.67</del>	<del>65.53</del>	<del>0.48</del>
* 2200.000	1000.00	0.0	0.0	860.00	711.00	719.49	719.49	8.54	1183.73	1293.50	159.61	1.22
CHINA GROVE CORP LIMITS 29400												
* 4500.000	2300.00	0.0	0.0	151.00	758.10	760.78	760.78	7.55	1335.56	1346.91	20.00	0.0
* 4500.000	2300.00	0.0	0.0	301.00	758.10	762.23	762.23	6.94	1307.37	1379.47	63.89	1.45
* 4500.000	2300.00	0.0	0.0	388.00	758.10	762.63	762.63	6.87	1297.22	1396.77	98.23	0.40
* 4500.000	2300.00	0.0	0.0	610.00	758.10	763.08	763.08	7.74	1287.03	1404.41	148.42	0.46
* 4550.000	50.00	0.0	0.0	151.00	759.30	761.97	761.97	7.58	1335.57	1346.90	19.92	0.0
* 4550.000	50.00	0.0	0.0	301.00	759.30	763.41	763.41	7.01	1307.77	1378.83	62.83	1.44
* 4550.000	50.00	0.0	0.0	388.00	759.30	763.84	763.84	6.78	1296.82	1397.56	100.04	0.43
* 4550.000	50.00	0.0	0.0	610.00	759.30	764.28	764.28	7.79	1287.21	1404.32	147.45	0.43
4600.000	50.00	0.0	0.0	151.00	755.80	762.95	0.0	0.44	1389.28	1555.06	457.72	0.0
4600.000	50.00	0.0	0.0	301.00	755.80	764.16	0.0	0.56	1373.25	1568.74	654.91	1.20
4600.000	50.00	0.0	0.0	388.00	755.80	764.45	0.0	0.66	1369.31	1572.10	713.69	0.29
4600.000	50.00	0.0	0.0	610.00	755.80	764.96	0.0	0.89	1362.58	1577.85	819.18	0.50
4650.000	50.00	765.20	759.30	151.00	755.80	765.56	0.0	0.19	1354.48	1584.77	954.66	0.0
4650.000	50.00	765.25	759.30	301.00	755.80	766.25	0.0	0.32	1345.37	1593.89	1117.71	0.68
4650.000	50.00	765.20	759.30	388.00	755.80	766.45	0.0	0.39	1342.55	1602.22	1169.48	0.20
4650.000	50.00	765.20	759.30	610.00	755.80	766.82	0.0	0.56	1337.66	1618.49	1270.60	0.37
4700.000	50.00	0.0	0.0	151.00	757.00	765.56	0.0	0.39	1207.48	1445.56	784.69	0.0
4700.000	50.00	0.0	0.0	301.00	757.00	766.24	0.0	0.63	1195.06	1453.41	954.53	0.68
4700.000	50.00	0.0	0.0	388.00	757.00	766.45	0.0	0.77	1192.15	1455.74	1007.60	0.20
4700.000	50.00	0.0	0.0	610.00	757.00	766.82	0.0	1.10	1186.83	1460.03	1107.59	0.37
* 4750.000	50.00	0.0	0.0	151.00	758.10	765.56	0.0	0.56	1231.92	1432.92	543.17	0.0
* 4750.000	50.00	0.0	0.0	301.00	758.10	766.24	0.0	0.88	1216.77	1440.75	688.07	0.68
* 4750.000	50.00	0.0	0.0	388.00	758.10	766.45	0.0	1.06	1212.25	1443.09	734.32	0.20
* 4750.000	50.00	0.0	0.0	610.00	758.10	766.82	0.0	1.50	1203.98	1447.37	822.60	0.37

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CHINA GROVE

CHINA GROVE