

SEQJ (SUPPLIED BY COURTESY OF HARRIS)

\*\*\*\*\*JOB EXTIED ON 26 JAN 82 17:26:19 \*\*\*\*\*

\*\*\*\*\*CPU TIME= 0MINS 21.46SECS \*\*\*\*\*

\*\*\*\*\*CONNECT TIME= 0MINS 53SECS \*\*\*\*\*

PERQUIMANS

RIVER



NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.	-0.
X1	3.200	18.000	800.000	911.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.700	4.970	-0.	-0.
GR	13.200	-0.	8.700	400.000	7.700	600.000	5.600	800.000	4.600	800.000	800.000
GR	.300	819.000	.100	822.000	-5.180	844.000	-7.500	856.000	-8.270	867.000	867.000
GR	-2.030	889.000	.330	900.000	4.700	911.000	5.500	911.000	6.500	1111.000	1111.000
GR	4.970	1311.000	6.600	2361.000	13.200	3311.000	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.300	-0.	71.000	5.000	816.000	2.110	-3.890	-3.890	-3.890
X1	3.300	-0.	-0.	-0.	26.000	26.000	26.000	-0.	-0.	-0.	-0.
X2	-0.	-0.	1.000	5.600	4.970	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	7.700	4.970	-0.	-0.
BT	11.000	-0.	13.200	-0.	400.000	8.700	-0.	600.000	7.700	-0.	-0.
BT	800.000	7.700	-0.	800.000	10.300	-0.	911.000	10.300	-0.	911.000	911.000
BT	7.700	-0.	1111.000	6.500	-0.	1311.000	4.970	-0.	2361.000	6.600	6.600
BT	-0.	3311.000	13.200	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.050	.100	.300	-0.	-0.	-0.	-0.	-0.	-0.
X1	3.400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.	-0.
QT	5.000	2195.000	4070.000	5145.000	8195.000	5145.000	-0.	-0.	-0.	-0.	-0.
X1	4.000	15.000	1070.000	1170.000	5000.000	4500.000	5200.000	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	350.000	3.300	420.000	.900	670.000	1.000	1070.000	1070.000
GR	-0.	1090.000	-7.600	1110.000	-6.100	1130.000	-0.	1170.000	.850	1270.000	1270.000
GR	1.100	1370.000	.900	1570.000	3.300	3070.000	6.600	3200.000	13.200	3400.000	3400.000
QT	5.000	2100.000	3895.000	4930.000	7865.000	4930.000	-0.	-0.	-0.	-0.	-0.
X1	7.000	15.000	3025.000	3100.000	3000.000	3000.000	3000.000	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	50.000	3.300	1290.000	.800	2600.000	.700	3000.000	3000.000
GR	-1.100	3025.000	-7.400	3040.000	-5.100	3060.000	-4.300	3080.000	-1.100	3100.000	3100.000
GR	.700	3200.000	.700	3500.000	3.300	5350.000	6.600	5400.000	13.200	8500.000	8500.000
QT	5.000	2050.000	3810.000	4825.000	7705.000	4825.000	-0.	-0.	-0.	-0.	-0.
X1	6.000	12.000	2550.000	2620.000	7500.000	4300.000	6500.000	-0.	-0.	-0.	-0.
GR	26.400	-0.	3.300	425.000	3.300	2120.000	1.000	2520.000	.100	2550.000	2550.000
GR	-5.300	2580.000	-0.	2620.000	2.400	2820.000	2.400	2920.000	6.200	3020.000	3020.000
GR	13.200	4250.000	14.500	4400.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	2005.000	3730.000	4720.000	7540.000	4720.000	-0.	-0.	-0.	-0.	-0.
X1	9.100	12.000	600.000	710.000	2600.000	2600.000	5400.000	-0.	-0.	-0.	-0.
GR	13.200	-0.	3.300	250.000	1.200	600.000	.100	610.000	-6.000	640.000	640.000
GR	.100	705.000	1.300	710.000	3.200	910.000	3.500	1210.000	6.600	3500.000	3500.000
GR	10.000	5100.000	13.200	5625.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.	-0.
X1	9.200	18.000	1000.000	1123.000	100.000	100.000	100.000	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	8.000	8.000	-0.	-0.
GR	13.200	-0.	8.100	600.000	8.100	800.000	7.200	1000.000	5.000	1000.000	1000.000
GR	1.700	1017.000	.200	1025.000	-3.900	1035.000	-6.600	1053.000	-5.200	1070.000	1070.000
GR	-1.800	1087.000	.200	1091.000	3.400	1105.000	5.600	1123.000	7.200	1123.000	1123.000
GR	8.200	1323.000	8.000	1523.000	13.200	5625.000	-0.	-0.	-0.	-0.	-0.

2



THIS RUN EXECUTED 19 APR 83 11.51.05

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 PERQUIMANS RIVER-NEAR BELVEDERE  
 T2 PERQUIMANS COUNTY  
 T3 50-YEAR FLOOD

J1	ICHECK	INV	VINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-0.	.000100	-0.	-0.	-0.	3.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 19 APR 83 11.51.06

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 PERQUIMANS RIVER-NEAR BELVEDERE  
 T2 PERQUIMANS COUNTY  
 T3 100-YEAR FLOOD

J1	ICHECK	ING	NIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-04	-0.	.000135	-0.	-0.	-0.	3.000	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 19 APR 83 11.51.06

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 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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T1 PERQUIMANS RIVER-NEAR BELVEDERE.  
 T2 PERQUIMANS COJNTY  
 T3 500-YEAR FLOOD

J1	ICHECK	ING	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	5.	-0.	-0.	.000210	-0.	-0.	-0.	3.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.



THIS RUN EXECUTED 19 APR 83 11.51.06

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	5.22	2.22	5.23	2801.49	664.42	1351.72	338.86	0.	0.	4200.00	4320.00	0.
1.000	6.15	3.15	6.17	3083.84	1445.70	2199.82	704.48	0.	0.	4200.00	4320.00	0.
1.000	6.48	3.48	6.50	3184.89	1915.75	2665.77	918.48	0.	0.	4200.00	4320.00	0.
1.000	7.46	4.46	7.49	3666.09	3431.94	3748.37	1554.70	0.	0.	4200.00	4320.00	0.
2.000	5.37	0.	5.38	1613.65	357.41	1684.03	313.56	0.	0.	2450.00	2580.00	0.
2.000	6.46	0.	6.48	1716.46	778.10	2845.32	726.58	0.	0.	2450.00	2580.00	0.
2.000	6.90	0.	6.93	1873.05	1034.15	3475.71	990.14	0.	0.	2450.00	2580.00	0.
2.000	8.11	0.	8.16	2457.33	1841.27	5028.00	1865.73	0.	0.	2450.00	2580.00	0.
3.100	5.53	0.	5.54	1177.69	80.93	1922.22	291.85	0.	0.	350.00	470.00	0.
3.100	6.83	0.	6.85	1232.34	210.05	3334.68	705.27	0.	0.	350.00	470.00	0.
3.100	7.41	0.	7.43	1251.07	297.89	4094.91	977.20	0.	0.	350.00	470.00	0.
3.100	8.95	0.	9.00	1301.47	602.33	6048.93	1888.73	0.	0.	350.00	470.00	0.
3.200	5.52	0.	5.62	544.86	0.	2284.81	10.19	0.	0.	800.00	911.00	0.
3.200	6.81	0.	7.01	1705.90	13.15	3851.04	385.81	0.	0.	800.00	911.00	0.
3.200	7.38	0.	7.60	1843.65	38.97	4463.93	867.09	0.	0.	800.00	911.00	0.
3.200	8.95	0.	9.15	2323.65	250.67	5532.22	2757.11	0.	0.	800.00	911.00	0.
3.300	5.55	0.	5.65	575.17	0.	2283.29	11.71	0.	0.	800.00	911.00	0.
3.300	6.81	0.	7.01	1590.61	0.	3864.00	386.00	0.	0.	800.00	911.00	0.
3.300	7.38	0.	7.60	1673.02	0.	4500.07	869.93	0.	0.	800.00	911.00	0.
3.300	8.95	0.	9.15	2321.22	249.03	5541.17	2749.80	0.	0.	800.00	911.00	0.
3.400	5.59	0.	5.69	610.83	0.	2281.33	13.67	0.	0.	800.00	911.00	0.
3.400	6.83	0.	7.07	1720.67	14.72	3817.35	417.93	0.	0.	800.00	911.00	0.
3.400	7.46	0.	7.67	1860.94	42.32	4413.90	913.78	0.	0.	800.00	911.00	0.
3.400	9.02	0.	9.21	2336.40	259.30	5485.66	2795.04	0.	0.	800.00	911.00	0.
4.000	6.12	0.	6.12	2820.89	436.83	678.06	1080.12	0.	0.	1070.00	1170.00	0.
4.000	7.58	0.	7.68	2940.07	548.45	1045.31	2176.24	0.	0.	1070.00	1170.00	0.
4.000	8.36	0.	8.37	2987.13	1089.02	1239.34	2816.15	0.	0.	1070.00	1170.00	0.
4.000	10.05	0.	10.05	3137.22	1790.61	1739.92	4664.47	0.	0.	1070.00	1170.00	0.

SECNO	CASEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
7.000	6.20	0.	6.21	5194.00	777.49	408.91	913.60	0.	0.	3025.00	3100.00	0.
7.000	7.79	0.	7.79	5919.22	1589.16	583.55	1722.29	0.	0.	3025.00	3100.00	0.
7.000	8.49	0.	6.49	6252.30	2066.50	672.80	2190.71	0.	0.	3025.00	3100.00	0.
7.000	10.20	0.	10.20	7061.50	3418.20	888.59	3558.21	0.	0.	3025.00	3100.00	0.
8.000	6.51	0.	6.52	2709.14	1134.04	608.75	307.21	0.	0.	2550.00	2620.00	0.
8.000	8.16	0.	8.17	3029.72	2350.94	871.94	587.21	0.	0.	2550.00	2620.00	0.
8.000	8.89	0.	8.90	3171.31	3050.54	1009.83	764.62	0.	0.	2550.00	2620.00	0.
8.000	10.65	0.	10.66	3512.16	5017.84	1354.60	1332.56	0.	0.	2550.00	2620.00	0.
9.100	6.80	0.	6.81	3434.73	305.74	987.71	711.55	0.	0.	600.00	710.00	0.
9.100	8.46	0.	8.47	4257.72	543.21	1332.08	1854.70	0.	0.	600.00	710.00	0.
9.100	9.20	0.	9.21	4622.60	669.86	1497.79	2552.36	0.	0.	600.00	710.00	0.
9.100	10.96	0.	10.96	5200.21	1000.12	1875.71	4664.18	0.	0.	600.00	710.00	0.
9.200	6.79	0.	6.87	123.00	0.	2005.00	0.	0.	0.	1000.00	1123.00	0.
9.200	8.42	0.	8.58	1288.78	36.52	3654.98	38.50	0.	0.	1000.00	1123.00	0.
9.200	9.14	0.	9.32	1947.37	154.73	4340.64	224.63	0.	0.	1000.00	1123.00	0.
9.200	10.91	0.	11.06	3550.77	700.57	5318.48	1520.96	0.	0.	1000.00	1123.00	0.
9.300	6.80	0.	6.87	123.00	0.	2005.00	0.	0.	0.	1000.00	1123.00	0.
9.300	8.47	0.	8.63	1341.38	42.13	3641.92	45.96	0.	0.	1000.00	1123.00	0.
9.300	9.14	0.	9.32	1947.44	154.74	4340.61	224.65	0.	0.	1000.00	1123.00	0.
9.300	10.91	0.	11.06	3550.82	700.58	5318.43	1520.99	0.	0.	1000.00	1123.00	0.
9.400	6.83	0.	6.83	2339.39	416.15	1003.32	585.53	0.	0.	1600.00	1710.00	0.
9.400	8.64	0.	8.65	3720.30	802.02	1407.91	1520.07	0.	0.	1600.00	1710.00	0.
9.400	9.34	0.	9.35	4047.45	1623.66	1619.01	2077.33	0.	0.	1600.00	1710.00	0.
9.400	11.08	0.	11.08	4862.47	1668.26	2099.06	3772.68	0.	0.	1600.00	1710.00	0.
10.000	6.95	0.	6.95	2498.37	1285.08	568.75	151.17	0.	0.	2600.00	2685.00	0.
10.000	8.73	0.	8.74	3242.76	2563.68	849.66	316.65	0.	0.	2600.00	2685.00	0.
10.000	9.44	0.	9.44	3363.94	3287.75	1003.25	429.00	0.	0.	2600.00	2685.00	0.
10.000	11.19	0.	11.20	3733.57	5332.43	1388.56	819.01	0.	0.	2600.00	2685.00	0.
11.000	7.06	0.	7.06	2838.06	836.42	382.60	705.98	0.	0.	2430.00	2510.00	0.
11.000	8.87	0.	8.88	3580.56	1592.84	602.26	1384.90	0.	0.	2430.00	2510.00	0.
11.000	9.60	0.	9.60	3877.83	2030.12	720.85	1789.03	0.	0.	2430.00	2510.00	0.
11.000	11.39	0.	11.39	4607.68	3267.45	1014.37	2978.18	0.	0.	2430.00	2510.00	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECVO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CFIWS	EG	10K*S	VCH	AREA	.01K
1.000	0.	0.	0.	-13.40	2355.00	5.22	-7.97	5.23	.48	.90	9839.88	3397.99
1.000	0.	0.	0.	-13.40	4350.00	6.15	-5.98	6.17	1.00	1.37	12581.80	4348.29
1.000	0.	0.	0.	-13.40	5500.00	6.48	-5.01	6.50	1.35	1.62	13627.00	4726.35
1.000	0.	0.	0.	-13.40	8735.00	7.46	-2.74	7.49	2.13	2.12	16951.56	5983.14
2.000	4000.00	0.	0.	-20.90	2355.00	5.37	-12.57	5.38	.42	.91	7328.26	3618.43
2.000	4000.00	0.	0.	-20.90	4350.00	6.46	-10.11	6.48	.95	1.42	9150.70	4473.94
2.000	4000.00	0.	0.	-20.90	5500.00	6.90	-9.01	6.93	1.28	1.69	9930.53	4853.27
2.000	4000.00	0.	0.	-20.90	8735.00	8.11	-6.24	8.16	2.10	2.27	12539.73	6022.00
3.100	6000.00	0.	0.	-19.10	2295.00	5.53	-15.95	5.54	.20	.78	6700.61	5104.05
3.100	6000.00	0.	0.	-19.10	4250.00	6.83	-14.40	6.85	.50	1.27	8276.15	6034.36
3.100	6000.00	0.	0.	-19.10	5370.00	7.41	-13.64	7.43	.69	1.52	8989.09	6482.24
3.100	6000.00	0.	0.	-19.10	8540.00	8.95	-11.73	9.00	1.20	2.10	10961.86	7795.40
3.200	100.00	0.	0.	-8.27	2295.00	5.52	-1.93	5.62	7.38	2.60	998.53	844.55
3.200	100.00	0.	0.	-8.27	4250.00	6.81	.13	7.01	12.73	3.77	2544.51	1191.22
3.200	100.00	0.	0.	-8.27	5370.00	7.38	.97	7.60	13.97	4.11	3566.67	1436.64
3.200	100.00	0.	0.	-8.27	8540.00	8.95	2.94	9.15	13.05	4.39	6848.11	2364.47
3.300	26.00	4.97	5.60	-8.27	2295.00	5.55	0.	5.66	7.28	2.59	1015.95	850.49
3.300	26.00	4.97	5.60	-8.27	4250.00	6.81	0.	7.01	12.82	3.78	2472.00	1186.81
3.300	26.00	4.97	5.60	-8.27	5370.00	7.38	0.	7.60	14.22	4.15	3406.34	1423.82
3.300	26.00	4.97	5.60	-8.27	8540.00	8.95	0.	9.15	13.13	4.40	6823.87	2357.04
3.400	50.00	0.	0.	-8.27	2295.00	5.59	-1.93	5.69	7.16	2.57	1037.70	857.59
3.400	50.00	0.	0.	-8.27	4250.00	6.88	.14	7.07	12.23	3.71	2650.34	1215.20
3.400	50.00	0.	0.	-8.27	5370.00	7.46	.97	7.67	13.33	4.03	3700.62	1470.87
3.400	50.00	0.	0.	-8.27	8540.00	9.02	2.96	9.21	12.62	4.33	6975.68	2403.73
4.000	5200.00	0.	0.	-7.60	2195.00	6.12	-1.72	6.12	.44	.72	12388.20	3296.49
4.000	5200.00	0.	0.	-7.60	4070.00	7.68	.14	7.68	.63	.96	16879.01	5125.98
4.000	5200.00	0.	0.	-7.60	5145.00	8.36	1.83	8.37	.72	1.07	18911.83	6045.50
4.000	5200.00	0.	0.	-7.60	8195.00	10.05	2.68	10.05	.91	1.31	24067.96	8595.47
7.000	3000.00	0.	0.	-7.40	2100.00	6.20	-1.63	6.21	.20	.52	20206.81	4677.22
7.000	3000.00	0.	0.	-7.40	3895.00	7.79	.14	7.79	.26	.65	29030.93	7697.99
7.000	3000.00	0.	0.	-7.40	4930.00	8.49	1.88	8.49	.28	.70	33278.04	9282.55
7.000	3000.00	0.	0.	-7.40	7865.00	10.20	2.56	10.20	.32	.82	44564.52	13806.73
8.000	6500.00	0.	0.	-5.30	2050.00	6.51	.37	6.52	.78	.95	9809.22	2315.29
8.000	6500.00	0.	0.	-5.30	3810.00	8.16	2.36	8.17	.92	1.15	14548.04	3962.64
8.000	6500.00	0.	0.	-5.30	4825.00	8.89	2.94	8.90	1.00	1.25	16809.76	4831.52
8.000	6500.00	0.	0.	-5.30	7705.00	10.65	4.13	10.66	1.12	1.46	22677.55	7285.59

SECVO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
9.100	5400.00	0.	0.	-6.00	2005.00	6.90	-.75	6.81	.80	.97	8742.77	2243.96
9.100	5400.00	0.	0.	-6.00	3730.00	8.46	.73	8.47	.84	1.11	15126.71	4074.09
9.100	5400.00	0.	0.	-6.00	4720.00	9.20	1.36	9.21	.85	1.17	18394.15	5111.47
9.100	5400.00	0.	0.	-6.00	7540.00	10.96	3.59	10.96	.84	1.27	27135.75	8238.10
9.200	100.00	0.	0.	-6.60	2005.00	6.79	-1.23	6.87	5.39	2.15	931.51	863.26
9.200	100.00	0.	0.	-6.60	3730.00	8.42	.68	8.58	9.49	3.23	1627.49	1210.57
9.200	100.00	0.	0.	-6.60	4720.00	9.14	1.56	9.32	10.39	3.56	2803.05	1464.35
9.200	100.00	0.	0.	-6.60	7540.00	10.91	3.57	11.06	9.02	3.70	7665.56	2510.64
9.300	24.00	8.00	7.20	-6.60	2005.00	6.80	0.	6.87	5.41	2.15	930.87	862.32
9.300	24.00	8.00	7.20	-6.60	3730.00	8.47	0.	8.63	9.23	3.20	1703.79	1227.73
9.300	24.00	8.00	7.20	-6.60	4720.00	9.14	0.	9.32	10.39	3.56	2803.20	1464.38
9.300	24.00	8.00	7.20	-6.60	7540.00	10.91	0.	11.06	9.02	3.70	7665.77	2510.09
9.400	50.00	0.	0.	-6.00	2005.00	6.88	-1.42	6.88	.67	.93	8519.14	2447.21
9.400	50.00	0.	0.	-6.00	3730.00	8.64	.03	8.65	.76	1.10	14365.55	4272.25
9.400	50.00	0.	0.	-6.00	4720.00	9.34	.75	9.35	.83	1.19	17070.68	5180.18
9.400	50.00	0.	0.	-6.00	7540.00	11.08	2.81	11.08	.90	1.36	24801.00	7950.43
10.000	1500.00	0.	0.	-4.60	2005.00	6.95	-.35	6.95	.38	.69	12386.67	3237.02
10.000	1500.00	0.	0.	-4.60	3730.00	8.73	1.51	8.74	.49	.87	17853.56	5343.81
10.000	1500.00	0.	0.	-4.60	4720.00	9.44	2.64	9.44	.56	.97	20194.82	6327.49
10.000	1500.00	0.	0.	-4.60	7540.00	11.19	3.66	11.20	.68	1.17	26422.99	9136.57
11.000	2200.00	0.	0.	-3.30	1925.00	7.06	1.55	7.06	.35	.58	12537.93	3266.91
11.000	2200.00	0.	0.	-3.30	3580.00	8.87	2.05	8.88	.44	.75	18362.79	5389.13
11.000	2200.00	0.	0.	-3.30	4540.00	9.60	2.18	9.60	.50	.84	21072.69	6418.17
11.000	2200.00	0.	0.	-3.30	7260.00	11.39	2.75	11.39	.59	1.01	28642.12	9425.58

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	2355.00	5.22	0.	0.	2.22	2801.49	0.
1.000	4350.00	6.15	.93	0.	3.15	3083.84	0.
1.000	5500.00	6.48	.33	0.	3.48	3184.89	0.
1.000	8735.00	7.45	.97	0.	4.46	3666.09	0.
2.000	2355.00	5.37	0.	.15	0.	1613.65	4000.00
2.000	4350.00	6.45	1.09	.31	0.	1716.46	4000.00
2.000	5500.00	6.90	.44	.42	0.	1873.05	4000.00
2.000	8735.00	8.11	1.21	.65	0.	2457.33	4000.00
3.100	2295.00	5.53	0.	.16	0.	1177.69	6000.00
3.100	4250.00	6.83	1.30	.37	0.	1232.34	6000.00
3.100	5370.00	7.41	.57	.50	0.	1251.07	6000.00
3.100	8540.00	8.95	1.55	.84	0.	1301.47	6000.00
3.200	2295.00	5.52	0.	-.01	0.	544.96	100.00
3.200	4250.00	6.81	1.29	-.02	0.	1705.90	100.00
3.200	5370.00	7.33	.58	-.02	0.	1843.65	100.00
3.200	8540.00	8.95	1.57	-.00	0.	2323.65	100.00
3.300	2295.00	5.55	0.	.04	0.	575.17	26.00
3.300	4250.00	6.81	1.25	-.00	0.	1590.61	26.00
3.300	5370.00	7.33	.57	-.01	0.	1673.02	26.00
3.300	8540.00	8.95	1.57	-.00	0.	2321.22	26.00
3.400	2295.00	5.59	0.	.04	0.	610.33	50.00
3.400	4250.00	6.83	1.29	.07	0.	1720.67	50.00
3.400	5370.00	7.45	.59	.09	0.	1860.94	50.00
3.400	8540.00	9.02	1.56	.07	0.	2336.40	50.00
4.000	2195.00	6.12	0.	.53	0.	2820.99	5200.00
4.000	4070.00	7.68	1.56	.80	0.	2940.07	5200.00
4.000	5145.00	9.35	.68	.90	0.	2997.13	5200.00
4.000	8195.00	10.05	1.68	1.02	0.	3137.22	5200.00
7.000	2100.00	6.20	0.	.09	0.	5194.00	3000.00
7.000	3895.00	7.79	1.59	.11	0.	5919.22	3000.00
7.000	4930.00	8.49	.70	.13	0.	6252.30	3000.00
7.000	7865.00	10.20	1.70	.15	0.	7061.50	3000.00
8.000	2050.00	6.51	0.	.31	0.	2709.14	6500.00
8.000	3310.00	8.15	1.65	.37	0.	3029.72	6500.00
8.000	4825.00	8.89	.73	.40	0.	3171.31	6500.00
8.000	7705.00	10.65	1.76	.45	0.	3512.16	6500.00

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9.100	2005.00	6.80	0.	.29	0.	3434.73	5400.00
9.100	3730.00	8.46	1.66	.30	0.	4257.72	5400.00
9.100	4720.00	9.20	.74	.31	0.	4622.60	5400.00
9.100	7540.00	10.96	1.76	.31	0.	5200.21	5400.00
9.200	2005.00	6.79	0.	-.01	0.	123.00	100.00
9.200	3730.00	8.42	1.62	-.05	0.	1288.78	100.00
9.200	4720.00	9.14	.73	-.06	0.	1947.37	100.00
9.200	7540.00	10.91	1.77	-.04	0.	3550.77	100.00
9.300	2005.00	6.80	0.	.00	0.	123.00	24.00
9.300	3730.00	8.47	1.68	.06	0.	1341.38	24.00
9.300	4720.00	9.14	.67	.00	0.	1947.44	24.00
9.300	7540.00	10.91	1.77	.00	0.	3550.82	24.00
9.400	2005.00	6.83	0.	.08	0.	2889.39	50.00
9.400	3730.00	8.64	1.77	.17	0.	3720.30	50.00
9.400	4720.00	9.34	.70	.20	0.	4047.45	50.00
9.400	7540.00	11.08	1.74	.16	0.	4862.47	50.00
10.000	2005.00	6.95	0.	.08	0.	2898.37	1500.00
10.000	3730.00	8.73	1.78	.09	0.	3242.78	1500.00
10.000	4720.00	9.44	.71	.10	0.	3383.94	1500.00
10.000	7540.00	11.19	1.75	.11	0.	3733.57	1500.00
11.000	1925.00	7.05	0.	.11	0.	2838.06	2200.00
11.000	3580.00	8.87	1.81	.14	0.	3580.56	2200.00
11.000	4540.00	9.60	.73	.16	0.	3877.83	2200.00
11.000	7260.00	11.39	1.78	.19	0.	4607.68	2200.00

FLOODWAY DATA, AR-FLOOD  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	3084.	12582.	.5	6.1	5.2	.9
2.000	1716.	9151.	.5	6.5	5.4	1.1
3.100	1232.	8276.	.5	6.8	5.5	1.3
3.200	1705.	2545.	1.7	6.8	5.5	1.3
3.300	1531.	2472.	1.7	6.9	5.6	1.3
3.400	1721.	2550.	1.6	6.9	5.6	1.3
4.000	2940.	15879.	.2	7.7	6.1	1.6
7.000	5919.	29031.	.1	7.8	6.2	1.6
8.000	3030.	14548.	.3	8.2	6.5	1.7
9.100	4253.	15127.	.2	8.5	6.8	1.7
9.200	1289.	1527.	2.3	8.4	6.8	1.6
9.300	1341.	1704.	2.2	5.5	6.8	1.7
9.400	3720.	14365.	.3	8.7	6.9	1.8
10.000	3243.	17954.	.2	8.8	7.0	1.8
11.000	5581.	18353.	.2	8.9	7.1	1.8

FLOODWAY DATA, AR FLOOD  
PROFILE NO. 3

STATION	----- FLOODWAY -----		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	3195.	136276	.4	6.5	5.2	1.3
2.000	1873.	99316	.6	6.9	5.4	1.5
3.100	1251.	89896	.6	7.4	5.5	1.9
3.200	1844.	35676	1.5	7.4	5.5	1.9
3.300	1673.	34066	1.6	7.4	5.6	1.8
3.400	1861.	37016	1.5	7.5	5.6	1.9
4.000	2997.	189126	.3	8.3	6.1	2.2
7.000	6252.	332786	.1	8.5	6.2	2.3
8.000	3171.	168106	.3	8.9	6.5	2.4
9.100	4623.	183946	.3	9.2	6.8	2.4
9.200	1947.	28036	1.7	9.1	6.8	2.3
9.300	1947.	28036	1.7	9.1	6.8	2.3
9.400	4047.	170716	.3	9.4	6.9	2.5
10.000	3384.	201956	.2	9.5	7.0	2.5
11.000	3878.	210736	.2	9.6	7.1	2.5



19 APR 83 11.51.05

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FLOODWAY DATA, AR FLOOD  
PROFILE NO. 4

STATION	WIDTH	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION	
		SECTION AREA	VELOCITY		WITH FLOODWAY	WITHOUT FLOODWAY
1.000	3666.	16352.	.5	7.4	5.2	2.2
2.000	2457.	12540.	.7	8.1	5.4	2.7
3.100	1301.	10962.	.8	8.9	5.5	3.4
3.200	2324.	6848.	1.2	8.9	5.5	3.4
3.300	2321.	6824.	1.3	9.0	5.6	3.4
3.400	2336.	6975.	1.2	9.0	5.6	3.4
4.000	3137.	24069.	.3	10.0	6.1	3.9
7.000	7061.	44555.	.2	10.2	6.2	4.0
8.000	3512.	22679.	.3	10.6	6.5	4.1
9.100	5200.	27136.	.3	11.0	6.8	4.2
9.200	3551.	7666.	1.0	10.9	6.8	4.1
9.300	3551.	7666.	1.0	10.9	6.8	4.1
9.400	4862.	24301.	.3	11.1	6.9	4.2
10.000	3734.	26423.	.3	11.2	7.0	4.2
11.000	4603.	28542.	.3	11.4	7.1	4.3

THIS RUN EXECUTED 19 APR 83 16.53.02

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT JOJTH  
 T2 PERQUIMANS COJNTY  
 T3 10-YEAR FLOOD

J1	ICHECK	IV3	VIW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	2.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	150.000	200.000	201.000	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLQ	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
OT	5.000	3603.000	6476.000	8090.000	12909.000	8090.000	-0.	-0.	-0.	-0.
X1	1.000	15.000	420.000	1020.000	-0.	-0.	-0.	-0.	-2.100	-0.
GR	3.900	-0.	2.300	320.000	3.100	420.000	-10.000	455.000	-15.000	405.000
GR	-21.000	520.000	-25.400	570.000	-21.000	620.000	-16.500	670.000	-5.500	720.000
GR	-2.200	370.000	-.400	920.000	.800	1020.000	.800	1320.000	5.400	1420.000
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.100	24.000	280.000	913.000	100.000	100.000	100.000	-0.	-2.100	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.400	1.300	-0.
GR	8.700	-0.	5.400	100.000	4.000	280.000	2.600	280.000	-.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	488.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	5.400	3030.000	8.700	3530.000	-0.	-0.
SB	1.000	1.500	2.600	-0.	247.000	47.000	8350.000	9.080	-15.750	-15.750
X1	1.200	-0.	-0.	-0.	30.000	30.000	30.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	5.500	1.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.400	1.300	-0.
BT	11.000	-0.	4.300	4.900	200.000	4.400	4.400	280.000	8.500	4.800
BT	462.000	9.300	5.540	520.000	9.400	5.640	620.000	8.300	5.300	720.000
BT	5.600	3.600	824.000	2.800	1.800	913.000	1.300	.790	3030.000	3.300
BT	3.300	3530.000	6.600	6.600	-0.	-0.	-0.	-0.	-0.	-0.





THIS RUN EXECUTED 19 APR 83 16.53.02

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 75 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 50-YEAR FLOOD

J1	ICHECK	IV3	VIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 19 APR 83 16.53.02

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COJNTY  
 T3 100-YEAR FLOOD

J1	ICHECK	INV	VIW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	LPLOT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 19 APR 83 16.53.02

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 500-YEAR FLOOD

J1	ICHECK	ING	NINV	IDJR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLGT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 19 APR 83 16.53.03

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 75 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CASEL	DIFK+S	EG	TOPWID	ALOB	GCH	QROB	PERENC	STLNCL	STCHL	STCHR	STENCR
1.000	.25	0.	.25	947.94	.00	3583.53	19.47	0.	0.	420.00	1020.00	0.
1.000	.25	0.	.26	947.94	.00	6441.00	34.99	0.	0.	420.00	1020.00	0.
1.000	.25	0.	.27	947.94	.00	8046.28	43.72	0.	0.	420.00	1020.00	0.
1.000	.25	0.	.30	947.94	.00	12839.24	69.76	0.	0.	420.00	1020.00	0.
1.100	.25	0.	.26	629.49	0.	3603.00	0.	0.	0.	280.00	913.00	0.
1.100	.26	0.	.27	629.54	0.	6476.00	0.	0.	0.	280.00	913.00	0.
1.100	.26	0.	.28	629.58	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.100	.27	0.	.33	629.77	0.	12909.00	0.	0.	0.	280.00	913.00	0.
1.200	.25	0.	.26	629.50	0.	3603.00	0.	0.	0.	280.00	913.00	0.
1.200	.26	0.	.27	629.56	0.	6476.00	0.	0.	0.	280.00	913.00	0.
1.200	.26	0.	.28	629.62	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.200	.28	0.	.34	629.85	0.	12909.00	0.	0.	0.	280.00	913.00	0.
1.400	.25	0.	.26	791.93	0.	3602.82	.18	0.	0.	280.00	913.00	0.
1.400	.26	0.	.28	796.58	0.	6475.65	.35	0.	0.	280.00	913.00	0.
1.400	.27	0.	.29	800.38	0.	8089.54	.46	0.	0.	280.00	913.00	0.
1.400	.29	0.	.35	816.84	0.	12908.08	.92	0.	0.	280.00	913.00	0.
2.000	.29	0.	.29	1252.25	.47	3589.82	12.71	0.	0.	220.00	960.00	0.
2.000	.36	0.	.38	1258.22	1.23	6449.04	25.73	0.	0.	220.00	960.00	0.
2.000	.42	0.	.45	1262.89	1.97	8052.98	35.05	0.	0.	220.00	960.00	0.
2.000	.67	0.	.73	1283.38	6.79	12824.70	77.51	0.	0.	220.00	960.00	0.
3.100	.43	0.	.44	1683.20	12.18	3589.93	.89	0.	0.	6180.00	6600.00	0.
3.100	.79	0.	.81	2214.38	52.92	6420.92	2.16	0.	0.	6180.00	6600.00	0.
3.100	1.06	0.	1.09	2592.57	105.93	7980.80	3.26	0.	0.	6180.00	6600.00	0.
3.100	2.01	0.	2.07	3919.65	520.56	12379.52	8.92	0.	0.	6180.00	6600.00	0.
3.200	.43	0.	.44	390.00	0.	3603.00	0.	0.	0.	6200.00	6620.00	0.
3.200	.81	0.	.82	390.00	0.	6476.00	0.	0.	0.	6200.00	6620.00	0.
3.200	1.08	0.	1.10	420.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.200	2.04	0.	2.08	420.00	0.	12909.00	0.	0.	0.	6200.00	6620.00	0.



SECNO	CWSEL	JIFKVS	EG	TOPWID	DLDB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3.300	.43	0.	.44	390.00	0.	3603.00	0.	0.	0.	6200.00	6620.00	0.
3.300	.81	0.	.82	390.00	0.	6476.00	0.	0.	0.	6200.00	6620.00	0.
3.300	1.08	0.	1.10	420.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.300	2.04	0.	2.08	420.00	0.	12909.00	0.	0.	0.	6200.00	6620.00	0.
3.400	.43	0.	.44	1705.77	12.62	3589.48	.90	0.	0.	6180.00	6600.00	0.
3.400	.81	0.	.83	2235.58	54.49	6419.33	2.18	0.	0.	6180.00	6600.00	0.
3.400	1.08	0.	1.11	2625.59	109.90	7976.79	3.32	0.	0.	6180.00	6600.00	0.
3.400	2.04	0.	2.10	3980.19	541.18	12358.72	9.10	0.	0.	6180.00	6600.00	0.
4.000	.54	0.	.55	702.59	.31	3602.63	.06	0.	0.	3900.00	4300.00	0.
4.000	1.11	0.	1.13	1416.29	17.35	6462.34	.32	0.	0.	3900.00	4300.00	0.
4.000	1.51	0.	1.54	1921.66	46.64	8042.68	.68	0.	0.	3900.00	4300.00	0.
4.000	2.83	0.	2.89	3574.28	445.26	12460.23	3.52	0.	0.	3900.00	4300.00	0.
5.000	.59	0.	.60	451.74	.65	3602.28	.07	0.	0.	5100.00	5450.00	0.
5.000	1.25	0.	1.27	548.27	6.50	6468.99	.51	0.	0.	5100.00	5450.00	0.
5.000	1.71	0.	1.75	615.14	16.79	8072.01	1.20	0.	0.	5100.00	5450.00	0.
5.000	3.18	0.	3.25	4281.18	142.35	12759.70	6.95	0.	0.	5100.00	5450.00	0.
6.000	.70	0.	.70	367.52	1.42	3601.48	.10	0.	0.	4700.00	4980.00	0.
6.000	1.54	0.	1.57	989.70	13.83	6461.58	.59	0.	0.	4700.00	4980.00	0.
6.000	2.12	0.	2.15	2274.36	56.86	8031.86	1.29	0.	0.	4700.00	4980.00	0.
6.000	3.89	0.	3.95	4905.14	900.33	12002.57	6.10	0.	0.	4700.00	4980.00	0.
7.000	1.36	0.	1.42	1134.35	.94	3569.37	32.69	0.	0.	400.00	600.00	0.
7.000	2.67	0.	2.80	2274.79	4.88	5925.22	545.89	0.	0.	400.00	600.00	0.
7.000	3.35	0.	3.50	2813.50	8.46	6925.00	1156.54	0.	0.	400.00	600.00	0.
7.000	5.11	0.	5.25	2823.00	22.50	8931.69	3954.81	0.	0.	400.00	600.00	0.
8.000	2.26	0.	2.30	917.38	62.98	3540.02	0.	0.	0.	1200.00	1420.00	0.
8.000	4.17	0.	4.24	1345.17	564.00	5911.92	.07	0.	0.	1200.00	1420.00	0.
8.000	5.03	0.	5.11	1375.59	1011.04	7075.56	3.40	0.	0.	1200.00	1420.00	0.
8.000	7.03	0.	7.14	1421.18	2616.42	10257.78	34.81	0.	0.	1200.00	1420.00	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
1.000	0.	0.	0.	-27.50	3603.00	.25	-21.81	.25	.17	.51	7458.02	8866.01
1.000	0.	0.	0.	-27.50	6476.00	.25	-20.26	.26	.53	.92	7458.02	8866.01
1.000	0.	0.	0.	-27.50	8090.00	.25	-19.51	.27	.83	1.15	7458.02	8866.01
1.000	0.	0.	0.	-27.50	12909.00	.25	-17.87	.30	2.12	1.84	7458.02	8866.01
1.100	100.00	0.	0.	-27.40	3603.00	.25	-21.45	.26	.22	.54	6612.48	7760.41
1.100	100.00	0.	0.	-27.40	6476.00	.26	-20.07	.27	.70	.98	6614.80	7764.53
1.100	100.00	0.	0.	-27.40	8090.00	.26	-19.40	.28	1.08	1.22	6616.68	7767.87
1.100	100.00	0.	0.	-27.40	12909.00	.27	-17.68	.33	2.75	1.95	6624.79	7782.26
1.200	30.00	1.30	5.50	-27.40	3603.00	.25	0.	.26	.22	.54	6612.76	7760.91
1.200	30.00	1.30	5.50	-27.40	6476.00	.26	0.	.27	.70	.98	6615.72	7766.17
1.200	30.00	1.30	5.50	-27.40	8090.00	.26	0.	.28	1.08	1.22	6618.14	7770.46
1.200	30.00	1.30	5.50	-27.40	12909.00	.28	0.	.34	2.75	1.95	6628.72	7789.24
1.400	50.00	0.	0.	-27.40	3603.00	.25	-21.45	.26	.22	.54	6634.00	7762.50
1.400	50.00	0.	0.	-27.40	6476.00	.26	-20.07	.28	.69	.98	6639.64	7770.47
1.400	50.00	0.	0.	-27.40	8090.00	.27	-19.40	.29	1.08	1.22	6644.26	7776.96
1.400	50.00	0.	0.	-27.40	12909.00	.29	-17.68	.35	2.74	1.94	6664.57	7805.18
2.000	1330.00	0.	0.	-27.30	3603.00	.29	-19.98	.29	.27	.55	6939.73	6951.83
2.000	1330.00	0.	0.	-27.30	6476.00	.36	-18.05	.38	.84	.98	7034.31	7054.22
2.000	1330.00	0.	0.	-27.30	8090.00	.42	-17.19	.45	1.29	1.21	7108.68	7134.98
2.000	1330.00	0.	0.	-27.30	12909.00	.67	-15.16	.73	2.97	1.87	7438.21	7495.15
3.100	5900.00	0.	0.	-22.60	3603.00	.43	-17.70	.44	.23	.65	6079.51	7582.76
3.100	5900.00	0.	0.	-22.60	6476.00	.79	-16.42	.81	.66	1.13	6808.20	7984.80
3.100	5900.00	0.	0.	-22.60	8090.00	1.06	-15.79	1.09	.95	1.38	7453.30	8292.51
3.100	5900.00	0.	0.	-22.60	12909.00	2.01	-14.25	2.07	1.84	2.00	10520.08	9525.54
3.200	100.00	0.	0.	-30.20	3603.00	.43	-25.16	.44	.08	.49	7369.45	12705.44
3.200	100.00	0.	0.	-30.20	6476.00	.81	-23.32	.82	.24	.86	7513.99	13123.48
3.200	100.00	0.	0.	-30.20	8090.00	1.08	-22.46	1.10	.40	1.06	7622.66	12805.83
3.200	100.00	0.	0.	-30.20	12909.00	2.04	-20.31	2.08	.86	1.61	8026.40	13956.15
3.300	14.00	3.30	4.70	-30.20	3603.00	.43	0.	.44	.08	.49	7370.44	12708.29
3.300	14.00	3.30	4.70	-30.20	6476.00	.81	0.	.82	.24	.86	7516.77	13131.59
3.300	14.00	3.30	4.70	-30.20	8090.00	1.08	0.	1.10	.40	1.06	7626.97	12817.91
3.300	14.00	3.30	4.70	-30.20	12909.00	2.04	0.	2.08	.85	1.61	8029.75	13965.98
3.400	50.00	0.	0.	-22.60	3603.00	.43	-17.69	.44	.23	.65	6100.67	7595.72
3.400	50.00	0.	0.	-22.60	6476.00	.81	-16.43	.83	.66	1.13	6841.68	8001.63
3.400	50.00	0.	0.	-22.60	8090.00	1.08	-15.81	1.11	.95	1.38	7514.46	8320.64
3.400	50.00	0.	0.	-22.60	12909.00	2.04	-14.25	2.10	1.81	1.99	10689.80	9588.07

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	ES	10K*S	VCH	AREA	.01K
4.000	4600.00	0.	0.	-20.40	3603.00	.54	-16.76	.55	.23	.67	5410.75	7459.46
4.000	4600.00	0.	0.	-20.40	6476.00	1.11	-15.53	1.13	.65	1.15	6013.33	8009.40
4.000	4600.00	0.	0.	-20.40	8090.00	1.51	-15.04	1.54	.92	1.40	6585.50	8428.67
4.000	4600.00	0.	0.	-20.40	12909.00	2.83	-13.76	2.89	1.65	1.98	10304.67	10044.12
5.000	2000.00	0.	0.	-27.40	3603.00	.59	-20.14	.60	.29	.76	4792.47	6643.75
5.000	2000.00	0.	0.	-27.40	6476.00	1.25	-18.30	1.27	.81	1.30	5124.35	7199.68
5.000	2000.00	0.	0.	-27.40	8090.00	1.71	-17.44	1.75	1.13	1.57	5391.83	7599.59
5.000	2000.00	0.	0.	-27.40	12909.00	3.18	-15.36	3.25	2.06	2.25	7133.27	8984.14
6.000	4700.00	0.	0.	-33.70	3603.00	.70	-27.94	.70	.18	.71	5135.26	8426.10
6.000	4700.00	0.	0.	-33.70	6476.00	1.54	-25.67	1.57	.51	1.22	5615.58	9103.74
6.000	4700.00	0.	0.	-33.70	8090.00	2.12	-24.67	2.15	.71	1.47	6557.77	9618.12
6.000	4700.00	0.	0.	-33.70	12909.00	3.89	-22.13	3.95	1.18	2.01	13670.94	11864.70
7.000	3200.00	0.	0.	-20.40	3603.00	1.36	-10.50	1.42	4.22	2.09	2061.98	1753.28
7.000	3200.00	0.	0.	-20.40	6476.00	2.67	-7.90	2.80	7.21	3.00	4317.78	2411.01
7.000	3200.00	0.	0.	-20.40	8090.00	3.35	-6.73	3.50	7.89	3.28	6066.74	2880.59
7.000	3200.00	0.	0.	-20.40	12909.00	5.11	-3.10	5.25	7.86	3.63	11012.59	4605.39
8.000	3600.00	0.	0.	-23.90	3603.00	2.26	-16.31	2.30	1.69	1.49	2998.31	2769.29
8.000	3600.00	0.	0.	-23.90	6476.00	4.17	-13.64	4.24	2.77	2.11	5314.37	3889.97
8.000	3600.00	0.	0.	-23.90	8090.00	5.03	-12.37	5.11	3.19	2.37	6488.68	4528.43
8.000	3600.00	0.	0.	-23.90	12909.00	7.03	-9.28	7.14	4.25	2.99	9276.23	6262.32

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CJSEL	DIFWSP	DIFWSX	DIFWSS	TOPWID	XLCH
1.000	3603.00	.25	0.	0.	0.	947.94	0.
1.000	6476.00	.25	0.	0.	0.	947.94	0.
1.000	8090.00	.25	0.	0.	0.	947.94	0.
1.000	12909.00	.25	0.	0.	0.	947.94	0.
1.100	3603.00	.25	0.	.00	0.	629.49	100.00
1.100	6476.00	.25	.00	.01	0.	629.54	100.00
1.100	8090.00	.25	.00	.01	0.	629.58	100.00
1.100	12909.00	.27	.01	.02	0.	629.77	100.00
1.200	3603.00	.25	0.	.00	0.	629.50	30.00
1.200	6476.00	.25	.00	.00	0.	629.56	30.00
1.200	8090.00	.25	.00	.00	0.	629.62	30.00
1.200	12909.00	.28	.02	.01	0.	629.85	30.00
1.400	3603.00	.25	0.	.00	0.	791.93	50.00
1.400	6476.00	.26	.01	.00	0.	796.58	50.00
1.400	8090.00	.27	.01	.01	0.	800.38	50.00
1.400	12909.00	.29	.03	.01	0.	816.84	50.00
2.000	3603.00	.29	0.	.03	0.	1252.25	1330.00
2.000	6476.00	.36	.08	.10	0.	1258.22	1330.00
2.000	8090.00	.42	.06	.16	0.	1262.89	1330.00
2.000	12909.00	.67	.25	.38	0.	1283.38	1330.00
3.100	3603.00	.43	0.	.14	0.	1688.20	5900.00
3.100	6476.00	.79	.37	.43	0.	2214.38	5900.00
3.100	8090.00	1.06	.27	.64	0.	2592.57	5900.00
3.100	12909.00	2.01	.94	1.33	0.	3919.65	5900.00
3.200	3603.00	.43	0.	.00	0.	390.00	100.00
3.200	6476.00	.81	.37	.01	0.	390.00	100.00
3.200	8090.00	1.08	.28	.02	0.	420.00	100.00
3.200	12909.00	2.04	.96	.04	0.	420.00	100.00
3.300	3603.00	.43	0.	.00	0.	390.00	14.00
3.300	6476.00	.81	.36	.00	0.	390.00	14.00
3.300	8090.00	1.08	.28	.00	0.	420.00	14.00
3.300	12909.00	2.04	.96	.00	0.	420.00	14.00
3.400	3603.00	.43	0.	-.00	0.	1705.77	50.00
3.400	6476.00	.81	.37	-.00	0.	2235.58	50.00
3.400	8090.00	1.08	.28	-.00	0.	2625.59	50.00
3.400	12909.00	2.04	.96	-.00	0.	3980.19	50.00

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.000	3603.00	.25	0.	0.	0.	947.94	0.
1.000	6476.00	.25	0.	0.	0.	947.94	0.
1.000	8090.00	.25	0.	0.	0.	947.94	0.
1.000	12909.00	.25	0.	0.	0.	947.94	0.
1.100	3603.00	.25	0.	.00	0.	629.49	100.00
1.100	6476.00	.25	.00	.01	0.	629.54	100.00
1.100	8090.00	.25	.00	.01	0.	629.58	100.00
1.100	12909.00	.27	.01	.02	0.	629.77	100.00
1.200	3603.00	.25	0.	.00	0.	629.50	30.00
1.200	6476.00	.25	.00	.00	0.	629.56	30.00
1.200	8090.00	.25	.00	.00	0.	629.62	30.00
1.200	12909.00	.28	.02	.01	0.	629.85	30.00
1.400	3603.00	.25	0.	.00	0.	791.93	50.00
1.400	6476.00	.26	.01	.00	0.	796.58	50.00
1.400	8090.00	.27	.01	.01	0.	800.38	50.00
1.400	12909.00	.29	.03	.01	0.	816.84	50.00
2.000	3603.00	.29	0.	.03	0.	1252.25	1330.00
2.000	6476.00	.36	.08	.10	0.	1258.22	1330.00
2.000	8090.00	.42	.06	.16	0.	1262.89	1330.00
2.000	12909.00	.67	.25	.38	0.	1283.38	1330.00
3.100	3603.00	.43	0.	.14	0.	1688.20	5900.00
3.100	6476.00	.79	.37	.43	0.	2214.38	5900.00
3.100	8090.00	1.06	.27	.64	0.	2592.57	5900.00
3.100	12909.00	2.01	.94	1.33	0.	3919.55	5900.00
3.200	3603.00	.43	0.	.00	0.	390.00	100.00
3.200	6476.00	.81	.37	.01	0.	390.00	100.00
3.200	8090.00	1.08	.28	.02	0.	420.00	100.00
3.200	12909.00	2.04	.96	.04	0.	420.00	100.00
3.300	3603.00	.43	0.	.00	0.	390.00	14.00
3.300	6476.00	.81	.38	.00	0.	390.00	14.00
3.300	8090.00	1.08	.28	.00	0.	420.00	14.00
3.300	12909.00	2.04	.96	.00	0.	420.00	14.00
3.400	3603.00	.43	0.	-.00	0.	1705.77	50.00
3.400	6476.00	.81	.37	-.00	0.	2235.58	50.00
3.400	8090.00	1.08	.28	-.00	0.	2625.59	50.00
3.400	12909.00	2.04	.96	-.00	0.	3980.19	50.00

SECNO	J	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.000	3603.00	.54	0.	.11	0.	702.59	4600.00
4.000	6476.00	1.11	.57	.30	0.	1416.29	4600.00
4.000	8090.00	1.51	.40	.43	0.	1921.66	4600.00
4.000	12909.00	2.83	1.32	.79	0.	3574.28	4600.00
5.000	3603.00	.59	0.	.05	0.	451.74	2000.00
5.000	6476.00	1.25	.66	.14	0.	548.27	2000.00
5.000	8090.00	1.71	.46	.20	0.	615.14	2000.00
5.000	12909.00	3.18	1.47	.35	0.	4281.18	2000.00
6.000	3603.00	.70	0.	.11	0.	367.52	4700.00
6.000	6476.00	1.54	.85	.30	0.	989.70	4700.00
6.000	8090.00	2.12	.58	.41	0.	2274.36	4700.00
6.000	12909.00	3.89	1.77	.71	0.	4905.14	4700.00
7.000	3603.00	1.36	0.	.66	0.	1134.35	3200.00
7.000	6476.00	2.67	1.31	1.13	0.	2274.79	3200.00
7.000	8090.00	3.35	.68	1.23	0.	2813.50	3200.00
7.000	12909.00	5.11	1.76	1.22	0.	2823.00	3200.00
8.000	3603.00	2.26	0.	.91	0.	917.38	3600.00
8.000	6476.00	4.17	1.91	1.50	0.	1345.17	3600.00
8.000	8090.00	5.03	.66	1.68	0.	1375.59	3600.00
8.000	12909.00	7.03	1.99	1.92	0.	1421.18	3600.00

FLOODWAY DATA, AR FLOOD  
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	1044.	74584	.9	.3	.3	0.
1.100	630.	69154	1.0	.3	.3	0.
1.200	530.	65154	1.0	.3	.3	0.
1.400	797.	66404	1.0	.3	.3	0.
2.000	1258.	7034.	.9	.4	.3	.1
3.100	2214.	6808.	1.0	.8	.4	.4
3.200	420.	7514.	.9	.8	.4	.4
3.300	420.	7517.	.9	.8	.4	.4
3.400	2236.	6842.	.9	.8	.4	.4
4.000	1416.	6013.	1.1	1.1	.5	.6
5.000	543.	5124.	1.3	1.3	.6	.7
6.000	990.	5516.	1.2	1.5	.7	.8
7.000	2275.	4318.	1.5	2.7	1.4	1.3
8.000	1345.	5314.	1.2	4.2	2.3	1.9

FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	1044.	74584	1.1	.3	.3	0.
1.100	630.	65174	1.2	.3	.3	0.
1.200	630.	6518.	1.2	.3	.3	0.
1.400	800.	66444	1.2	.3	.3	0.
2.000	1263.	71094	1.1	.4	.3	.1
3.100	2593.	74534	1.1	1.0	.4	.6
3.200	420.	75234	1.1	1.1	.4	.7
3.300	420.	76274	1.1	1.1	.4	.7
3.400	2625.	75144	1.1	1.0	.4	.6
4.000	1922.	66954	1.2	1.5	.5	1.0
5.000	615.	53924	1.5	1.7	.6	1.1
6.000	2274.	65584	1.2	2.1	.7	1.4
7.000	2814.	60674	1.3	3.4	1.4	2.0
8.000	1376.	64894	1.2	5.1	2.3	2.8



FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 4

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	1044.	7459.	1.7	.3	.3	0.
1.100	630.	6625.	1.9	.3	.3	0.
1.200	630.	6629.	1.9	.3	.3	0.
1.400	817.	6565.	1.9	.3	.3	0.
2.000	1293.	7433.	1.7	.7	.3	.4
3.100	3920.	10520.	1.2	2.0	.4	1.6
3.200	420.	6026.	1.6	2.0	.4	1.6
3.300	420.	6030.	1.6	2.0	.4	1.6
3.400	3980.	10590.	1.2	2.0	.4	1.6
4.000	3574.	10305.	1.3	2.8	.5	2.3
5.000	4281.	7133.	1.8	3.2	.6	2.6
6.000	4905.	13671.	.9	3.9	.7	3.2
7.000	2823.	11013.	1.2	5.2	1.4	3.8
8.000	1421.	9276.	1.4	7.1	2.3	4.8

(1) OBTAIN Survey Values  
(2) Probability Program  
(3) Map at 400 feet per inch scale.

THIS RUN EXECUTED 17 MAR 82 10.05.43

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
ERROR CORR - 01,02,03,04,05  
MODIFICATION - 50,51,52,53,54,55  
\*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
T2 PERQUIMANS COUNTY  
T3 10-YEAR FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	2.	-0.	-1.	-1.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FR	ALLDC	IBW	CHNIM	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	151.700	230.000	211.000	-0.	-0.	-0.	-0.	-0.	-0.
J5	IHLEQ	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	50000	3603.00	6476.000	8090.000	12909.000	8090.000	-0.	-0.	-0.	-0.
X1	1.100	24.000	280.000	913.000	-0.	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.500	3.300	-0.
GR	6.600	-0.	3.300	110.000	4.000	280.000	2.600	280.000	-0.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	480.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	3.300	3030.000	6.600	3530.000	-0.	-0.
S3	1.000	1.500	2.600	-0.	247.000	47.000	8350.000	9.100	-13.700	-13.700
X1	1.200	-0.	-0.	-0.	30.000	30.000	30.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	7.600	3.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.500	3.300	-0.
BT	11.000	-0.	7.000	-0.	200.000	6.500	-0.	280.000	10.600	-0.
BT	462.000	11.400	-0.	520.000	11.500	-0.	620.000	10.300	-0.	720.000
BT	7.700	-0.	820.000	4.900	-0.	913.000	3.400	-0.	3030.000	3.300
BT	-0.	3530.000	6.600	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.400	24.000	280.000	913.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	6.600	-0.	3.300	110.000	4.000	280.000	2.600	280.000	-0.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	480.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	3.300	3030.000	6.600	3530.000	-0.	-0.





THIS RUN EXECUTED 17 MAR 82 10.05.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 50-YEAR FLOOD

J1	ICHECK	INC	NIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPRCF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-3.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 17 MAR 82 10.05.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 100-YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FG
	-0.	4.	-7.	-0. -1.		-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5.000	-0.	-1.000	-0.	-7.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 17 MAR 82 10.05.44

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 500-YEAR FLOOD

J1	ICHECK	INU	RINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	5.	-0.	-0. -0.		-0.	-0.	-0.	.250	-0.
J2	NPROF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

THIS RUN EXECUTED 17 MAR 82 10.05.44

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 117

SECNO	CXSEL	DIFKWS	EG	TOPWID	QLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.26	591.61	0.	3603.00	0.	0.	0.	280.00	913.00	0.
1.100	.25	0.	.27	591.61	0.	6476.00	0.	0.	0.	280.00	913.00	0.
1.100	.25	0.	.29	591.61	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.100	.25	0.	.34	591.61	0.	12909.00	0.	0.	0.	280.00	913.00	0.
1.200	.25	0.	.26	591.63	0.	3603.00	0.	0.	0.	280.00	913.00	0.
1.200	.25	0.	.28	591.66	0.	6476.00	0.	0.	0.	280.00	913.00	0.
1.200	.25	0.	.29	591.69	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.200	.26	0.	.35	591.82	0.	12909.00	0.	0.	0.	280.00	913.00	0.
1.400	.25	0.	.26	591.67	0.	3603.00	0.	0.	0.	280.00	913.00	0.
1.400	.26	0.	.28	591.76	0.	6476.00	0.	0.	0.	280.00	913.00	0.
1.400	.26	0.	.34	591.88	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	.29	0.	.38	592.30	0.	12909.00	0.	0.	0.	280.00	913.00	0.
1.000	.26	0.	.27	547.67	0.	3603.00	0.	0.	0.	420.00	1020.00	0.
1.000	.29	0.	.31	550.16	0.	6476.00	0.	0.	0.	420.00	1020.00	0.
1.000	.31	0.	.34	552.19	0.	8090.00	0.	0.	0.	420.00	1020.00	0.
1.000	.40	0.	.48	560.22	0.	12909.00	0.	0.	0.	420.00	1020.00	0.
2.000	.30	0.	.31	635.93	0.	3603.00	0.	0.	0.	220.00	960.00	0.
2.000	.42	0.	.45	644.33	0.	6476.00	0.	0.	0.	220.00	960.00	0.
2.000	.51	0.	.55	650.60	0.	8090.00	0.	0.	0.	220.00	960.00	0.
2.000	.89	0.	.98	678.55	0.	12909.00	0.	0.	0.	220.00	960.00	0.
3.100	.56	0.	.57	411.37	0.	3602.97	.03	0.	0.	6180.00	6600.00	0.
3.100	1.17	0.	1.19	421.86	0.	6475.73	.27	0.	0.	6180.00	6600.00	0.
3.100	1.59	0.	1.63	429.26	0.	8089.30	.70	0.	0.	6180.00	6600.00	0.
3.100	2.96	0.	3.03	4541.44	210.84	12693.87	4.49	0.	0.	6180.00	6600.00	0.
3.200	.57	0.	.57	372.52	0.	3603.00	0.	0.	0.	6200.00	6620.00	0.
3.200	1.19	0.	1.2	380.16	0.	6476.00	0.	0.	0.	6200.00	6620.00	0.
3.200	1.62	0.	1.64	391.87	0.	8090.00	.00	0.	0.	6200.00	6620.00	0.
3.200	3.01	0.	3.05	473.64	0.	12905.23	3.77	0.	0.	6200.00	6620.00	0.



SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3.300	.57	0.	.57	372.56	0.	3693.00	0.	0.	0.	6200.00	6620.00	0.
3.300	1.19	0.	1.20	389.27	0.	6476.99	0.	0.	0.	6200.00	6620.00	0.
3.300	1.62	0.	1.64	384.58	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.300	3.01	0.	3.06	390.00	0.	12919.00	0.	0.	0.	6200.00	6620.00	0.
3.400	.57	0.	.57	411.52	0.	3602.97	.03	0.	0.	6180.00	6600.00	0.
3.400	1.18	0.	1.21	422.26	0.	6475.71	.29	0.	0.	6180.00	6600.00	0.
3.400	1.62	0.	1.65	429.73	0.	8089.27	.73	0.	0.	6180.00	6600.00	0.
3.400	3.01	0.	3.09	4721.94	233.61	12070.74	4.65	0.	0.	6180.00	6600.00	0.
4.000	.73	0.	.73	375.10	0.	3603.00	0.	0.	0.	3900.00	4300.00	0.
4.000	1.63	0.	1.65	396.41	0.	6476.00	.00	0.	0.	3900.00	4300.00	0.
4.000	2.23	0.	2.26	402.17	0.	8089.96	.04	0.	0.	3900.00	4300.00	0.
4.000	4.00	0.	4.06	4172.15	484.20	12423.22	1.58	0.	0.	3900.00	4300.00	0.
5.000	.81	0.	.81	337.81	0.	3603.00	0.	0.	0.	5100.00	5450.00	0.
5.000	1.83	0.	1.86	349.17	0.	6476.00	.00	0.	0.	5100.00	5450.00	0.
5.000	2.49	0.	2.54	423.41	.62	8089.30	.08	0.	0.	5100.00	5450.00	0.
5.000	4.41	0.	4.49	3755.93	185.64	12719.84	3.53	0.	0.	5100.00	5450.00	0.
6.000	.96	0.	.97	275.11	0.	3603.00	0.	0.	0.	4700.00	4980.00	0.
6.000	2.23	0.	2.26	330.96	.66	6475.29	.05	0.	0.	4700.00	4980.00	0.
6.000	3.03	0.	3.07	466.57	5.17	8084.50	.33	0.	0.	4700.00	4980.00	0.
6.000	5.21	0.	5.27	4915.32	1094.41	11810.70	3.90	0.	0.	4700.00	4980.00	0.
7.000	2.14	0.	2.24	233.89	.06	3601.98	.95	0.	0.	400.00	600.00	0.
7.000	3.80	0.	4.05	2809.27	2.52	6096.99	376.50	0.	0.	400.00	600.00	0.
7.000	4.04	0.	4.07	2813.29	5.17	6890.90	1193.93	0.	0.	400.00	600.00	0.
7.000	6.54	0.	6.68	2823.64	16.95	8537.32	4354.74	0.	0.	400.00	600.00	0.
8.000	3.47	0.	3.51	973.35	10.66	3592.34	0.	0.	0.	1200.00	1420.00	0.
8.000	5.73	0.	5.79	1344.60	632.90	5843.10	0.	0.	0.	1200.00	1420.00	0.
8.000	6.60	0.	6.67	1384.51	1121.93	6967.36	.71	0.	0.	1200.00	1420.00	0.
8.000	8.60	0.	8.71	1430.38	2840.22	10044.35	24.42	0.	0.	1200.00	1420.00	0.

AR FLOOD

SUMMARY PRINTOUT TABLE 159

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	ET	10K+S	VCH	APEA	.01K
1.100	0.	0.	0.	-25.30	3603.00	.25	-19.30	.26	.41	.68	5328.29	5640.97
1.101	0.	0.	0.	-25.30	6476.00	.25	-17.92	.27	1.32	1.22	5328.29	5640.97
1.102	0.	0.	0.	-25.30	8090.00	.25	-17.30	.29	2.06	1.52	5328.29	5640.97
1.103	0.	0.	0.	-25.30	12909.00	.25	-15.58	.34	5.24	2.42	5328.29	5640.97
1.200	30.00	3.3	7.60	-25.30	3603.00	.25	0.	.26	.41	.68	5328.73	5641.66
1.201	30.00	3.3	7.60	-25.30	6476.00	.25	0.	.28	1.32	1.22	5329.75	5643.26
1.202	30.00	3.3	7.60	-25.30	8090.00	.25	0.	.29	2.05	1.52	5330.62	5644.62
1.203	30.00	3.3	7.60	-25.30	12909.00	.26	0.	.35	5.22	2.42	5334.78	5651.15
1.400	50.00	0.	0.	-25.30	3603.00	.25	-19.30	.26	.41	.68	5329.94	5643.55
1.401	50.00	0.	0.	-25.30	6476.00	.26	-17.92	.28	1.31	1.21	5333.65	5649.37
1.402	50.00	0.	0.	-25.30	8090.00	.26	-17.30	.30	2.05	1.52	5336.70	5654.16
1.403	50.00	0.	0.	-25.30	12909.00	.29	-15.58	.38	5.17	2.41	5350.26	5675.43
1.900	230.00	0.	0.	-25.40	3603.00	.26	-19.71	.27	.28	.63	5736.31	6763.45
1.901	230.00	0.	0.	-25.40	6476.00	.29	-18.12	.31	.91	1.13	5752.22	6774.33
1.902	230.00	0.	0.	-25.40	8090.00	.31	-17.45	.34	1.42	1.40	5765.22	6783.30
1.903	230.00	0.	0.	-25.40	12909.00	.40	-15.76	.48	3.58	2.22	5817.12	6819.87
2.000	110.00	0.	0.	-25.20	3603.00	.30	-17.64	.31	.51	.71	5094.36	5028.77
2.001	110.00	0.	0.	-25.20	6476.00	.42	-15.95	.45	1.61	1.25	5168.95	5107.47
2.002	110.00	0.	0.	-25.20	8090.00	.51	-15.09	.55	2.45	1.55	5225.20	5167.21
2.003	110.00	0.	0.	-25.20	12909.00	.89	-13.07	.98	5.62	2.35	5482.72	5444.72
3.100	590.00	0.	0.	-20.50	3603.00	.56	-15.60	.57	.37	.77	4697.22	5901.44
3.101	590.00	0.	0.	-20.50	6476.00	1.17	-14.29	1.19	1.04	1.31	4950.20	6363.44
3.102	590.00	0.	0.	-20.50	8090.00	1.59	-13.71	1.63	1.46	1.58	5132.59	6700.10
3.103	590.00	0.	0.	-20.50	12909.00	2.96	-12.15	3.03	2.53	2.23	8143.63	8117.13
3.200	100.00	0.	0.	-28.10	3603.00	.57	-23.64	.57	.11	.55	6604.03	10905.19
3.201	100.00	0.	0.	-28.10	6476.00	1.19	-21.26	1.20	.32	.95	6835.86	11397.45
3.202	100.00	0.	0.	-28.10	8090.00	1.62	-20.57	1.64	.47	1.16	7002.51	11773.74
3.203	100.00	0.	0.	-28.10	12909.00	3.01	-18.21	3.06	.95	1.71	7617.45	13245.44
3.300	14.00	3.3	6.80	-28.10	3603.00	.57	0.	.57	.11	.55	6605.26	11907.77
3.301	14.00	3.3	6.80	-28.10	6476.00	1.19	0.	1.20	.32	.95	6839.15	11404.49
3.302	14.00	3.3	6.80	-28.10	8090.00	1.62	0.	1.64	.47	1.15	7004.52	11779.93
3.303	14.00	3.3	6.80	-28.10	12909.00	3.01	0.	3.06	.95	1.71	7557.56	13250.57
3.400	50.00	0.	0.	-20.50	3603.00	.57	-15.60	.57	.37	.77	4700.62	5907.61
3.401	50.00	0.	0.	-20.50	6476.00	1.18	-14.33	1.21	1.03	1.31	4960.11	6381.67
3.402	50.00	0.	0.	-20.50	8090.00	1.62	-13.71	1.65	1.45	1.58	5144.46	6722.10
3.403	50.00	0.	0.	-20.50	12909.00	3.01	-12.15	3.08	2.49	2.22	8381.59	8183.34

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
4.007	4600.00	0.	0.	-18.30	3603.00	.73	-14.66	.73	.33	.76	4726.93	6292.98
4.000	4600.00	0.	0.	-18.30	6476.00	1.63	-13.43	1.65	.90	1.28	5075.20	6831.34
4.010	4600.00	0.	0.	-18.30	8090.00	2.23	-12.91	2.26	1.22	1.52	5314.08	7337.46
4.000	4600.00	0.	0.	-18.30	12909.00	4.06	-11.63	4.06	1.89	2.06	10353.14	9382.24
5.001	2000.00	0.	0.	-25.30	3603.00	.80	-18.04	.81	.46	.88	4103.74	5317.74
5.000	2000.00	0.	0.	-25.30	6476.00	1.83	-16.19	1.86	1.18	1.45	4458.00	5974.23
5.000	2000.00	0.	0.	-25.30	8090.00	2.49	-15.30	2.54	1.56	1.73	4707.21	6485.03
5.000	2000.00	0.	0.	-25.30	12909.00	4.41	-13.25	4.49	2.47	2.37	7472.81	8219.99
6.000	4700.00	0.	0.	-31.60	3603.00	.96	-25.83	.97	.26	.79	4561.06	7131.05
6.000	4700.00	0.	0.	-31.60	6476.00	2.23	-23.58	2.26	.66	1.32	4935.55	7984.32
6.000	4700.00	0.	0.	-31.60	8090.00	3.03	-22.56	3.07	.88	1.57	5230.71	8606.42
6.000	4700.00	0.	0.	-31.60	12909.00	5.21	-20.04	5.27	1.30	2.05	14319.61	11334.84
7.000	3200.00	0.	0.	-18.30	3603.00	2.14	-8.46	2.24	7.51	2.49	1457.72	1314.77
7.000	3200.00	0.	0.	-18.30	6476.00	3.88	-5.86	4.05	10.48	3.40	3700.92	2000.88
7.000	3200.00	0.	0.	-18.30	8090.00	4.64	-4.70	4.80	10.24	3.54	5811.58	2528.32
7.000	3200.00	0.	0.	-18.30	12909.00	6.54	-1.00	6.68	8.64	3.67	11199.37	4391.11
8.000	3600.00	0.	0.	-21.80	3603.00	3.47	-14.19	3.51	2.31	1.65	2369.61	2369.97
8.000	3600.00	0.	0.	-21.80	6476.00	5.73	-11.55	5.79	3.12	2.18	5364.25	3665.39
8.000	3600.00	0.	0.	-21.80	8090.00	6.60	-10.29	6.67	3.54	2.43	6535.14	4299.39
8.000	3600.00	0.	0.	-21.80	12909.00	8.60	-7.23	8.71	4.57	3.03	9358.06	6039.94

AR FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	W	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.10	3603.00	.25	0.	0.	0.	591.61	0.
1.100	6476.00	.25	0.	0.	0.	591.61	0.
1.100	8090.00	.25	0.	0.	0.	591.61	0.
1.100	12909.00	.25	0.	0.	0.	591.61	0.
1.200	3603.00	.25	0.	.00	0.	591.63	30.00
1.200	6476.00	.25	.00	.00	0.	591.66	30.00
1.200	8090.00	.25	.00	.00	0.	591.69	30.00
1.200	12909.00	.26	.01	.01	0.	591.82	30.00
1.400	3603.00	.25	0.	.00	0.	591.67	50.00
1.400	6476.00	.26	.01	.01	0.	591.78	50.00
1.400	8090.00	.26	.01	.01	0.	591.88	50.00
1.400	12909.00	.29	.02	.03	0.	592.30	50.00
1.000	3603.00	.26	0.	.01	0.	547.67	230.00
1.000	6476.00	.29	.03	.03	0.	550.16	230.00
1.000	8090.00	.31	.02	.04	0.	552.19	230.00
1.000	12909.00	.4.	.09	.11	0.	560.22	230.00
2.000	3603.00	.30	0.	.04	0.	635.93	1100.00
2.000	6476.00	.42	.12	.14	0.	644.33	1100.00
2.000	8090.00	.51	.09	.20	0.	650.60	1100.00
2.000	12909.00	.89	.38	.49	0.	678.55	1100.00
3.100	3603.00	.56	0.	.25	0.	411.37	5900.00
3.100	6476.00	1.17	.61	.74	0.	421.86	5900.00
3.100	8090.00	1.59	.42	1.08	0.	429.26	5900.00
3.100	12909.00	2.96	1.37	2.07	0.	4541.44	5900.00
3.200	3603.00	.57	0.	.01	0.	372.52	100.00
3.200	6476.00	1.19	.62	.02	0.	380.16	100.00
3.200	8090.00	1.62	.43	.03	0.	390.87	100.00
3.200	12909.00	3.01	1.39	.05	0.	473.64	100.00
3.300	3603.00	.57	0.	.00	0.	372.56	14.00
3.300	6476.00	1.19	.62	.00	0.	380.27	14.00
3.300	8090.00	1.62	.43	.01	0.	384.58	14.00
3.300	12909.00	3.01	1.39	.00	0.	390.00	14.00
3.400	3603.00	.57	0.	-.00	0.	411.52	50.00
3.400	6476.00	1.19	.62	-.00	0.	422.26	50.00
3.400	8090.00	1.62	.43	-.00	0.	429.73	50.00
3.400	12909.00	3.01	1.39	-.61	0.	4721.94	50.00

SECHO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.000	3603.00	.73	0.	.16	0.	375.10	4600.00
② 4.000	6476.00	1.63	.90	.44	0.	396.41	4600.00
4.000	8090.00	2.23	.60	.61	0.	452.17	4600.00
4.000	12909.00	4.00	1.77	.99	0.	4172.15	4600.00
5.000	3603.00	.80	0.	.08	0.	337.81	2000.00
5.000	6476.00	1.83	1.93	.20	0.	349.17	2000.00
5.000	8090.00	2.49	.67	.27	0.	423.40	2000.00
5.000	12909.00	4.41	1.91	.41	0.	3755.93	2000.00
6.000	3603.00	.96	0.	.16	0.	275.11	4700.00
③ 6.000	6476.00	2.23	1.27	.40	0.	330.96	4700.00
6.000	8090.00	3.03	.80	.54	0.	466.57	4700.00
6.000	12909.00	5.21	2.18	.81	0.	4915.32	4700.00
7.000	3603.00	2.14	0.	1.18	0.	233.89	3200.00
④ 7.000	6476.00	3.86	1.74	1.65	0.	2809.23	3200.00
7.000	8090.00	4.64	.76	1.60	0.	2813.29	3200.00
7.000	12909.00	6.54	1.90	1.33	0.	2823.64	3200.00
⑤ 8.000	3603.00	3.47	0.	1.33	0.	973.35	3600.00
8.000	6476.00	5.73	2.25	1.85	0.	1344.60	3600.00
8.000	8090.00	6.60	.87	1.96	0.	1384.51	3600.00
8.000	12909.00	8.60	2.01	2.06	0.	1430.38	3600.00

FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
1.100	592.	5328.	1.2	.3	.3	0.
1.200	592.	5330.	1.2	.3	.3	0.
1.400	592.	5334.	1.2	.3	.3	0.
1.600	550.	5752.	1.1	.3	.3	0.
2.000	644.	5169.	1.3	.4	.3	.1
3.100	422.	4950.	1.3	1.2	.6	.6
3.200	380.	6836.	.9	1.2	.6	.6
3.300	380.	6839.	.9	1.2	.6	.6
3.400	422.	4960.	1.3	1.2	.6	.6
4.000	396.	5075.	1.3	1.6	.7	.9
5.000	349.	4458.	1.5	1.8	.8	1.0
6.000	331.	4936.	1.3	2.3	1.0	1.3
7.000	280.	3701.	1.7	3.8	2.1	1.7
8.000	1345.	5364.	1.2	5.8	3.5	2.3

17 MAR 82 10.05.43

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FLOODWAY DATA: AR FLOOD  
PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	592.	5328.	1.5	.3	.3	0.
1.200	592.	5331.	1.5	.3	.3	0.
1.400	592.	5337.	1.5	.3	.3	0.
1.600	552.	5765.	1.4	.3	.3	0.
2.000	651.	5225.	1.5	.5	.3	.2
3.100	429.	5133.	1.6	1.6	.6	1.0
3.200	391.	7013.	1.2	1.7	.6	1.1
3.300	385.	7005.	1.2	1.7	.6	1.1
3.400	430.	5144.	1.6	1.7	.6	1.1
4.000	412.	5314.	1.5	2.2	.7	1.5
5.000	423.	4707.	1.7	2.5	.8	1.7
6.000	467.	5231.	1.5	3.1	1.0	2.1
7.000	2813.	5912.	1.4	4.6	2.1	2.5
8.000	1385.	5535.	1.2	6.6	3.5	3.1

FLOODWAY DATA, AR FLOOD  
 PROFILE NO. 4

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	592.	5328.	2.4	.3	.3	0.
1.200	592.	5335.	2.4	.3	.3	0.
1.400	592.	5350.	2.4	.3	.3	0.
1.000	560.	5817.	2.2	.4	.3	.1
2.000	679.	5483.	2.4	.9	.3	.6
3.100	4541.	8144.	1.6	3.0	.6	2.4
3.200	514.	7617.	1.7	3.0	.6	2.4
3.300	420.	7558.	1.7	3.0	.6	2.4
3.400	4722.	8382.	1.5	3.0	.6	2.4
4.000	4172.	10353.	1.2	4.0	.7	3.3
5.000	5351.	7473.	1.7	4.4	.8	3.6
6.000	4915.	14320.	.9	5.3	1.0	4.3
7.000	2824.	11199.	1.2	6.5	2.1	4.4
8.000	1435.	9358.	1.4	8.6	3.5	5.1



THIS RUN EXECUTED 02 MAY 83 10.50.42

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 BASE FLOOD

J1	ICHECK	INS	RINV	IDIR	STRT	METRIC	HVINS	G	#SEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-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.
J6	INLEQ	COPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
OT	5.000	3603.000	6476.000	8090.000	12909.000	8090.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	15.000	420.000	1020.000	-0.	-0.	-0.	-0.	-2.100	-0.
GR	3.900	-0.	2.300	320.000	3.100	420.000	-10.000	455.000	-15.000	485.000
GR	-21.000	520.000	-25.400	570.000	-21.000	620.000	-16.500	670.000	-5.500	720.000
GR	-2.200	370.000	-.400	920.000	.800	1020.000	.800	1320.000	5.900	1420.000
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.100	24.000	280.000	913.000	100.000	100.000	100.000	-0.	-2.100	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.400	1.300	-0.
GR	9.700	-0.	5.400	100.000	4.000	280.000	2.600	280.000	-.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	405.000	-6.300	548.000	-4.600	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	5.400	3030.000	8.700	3530.000	-0.	-0.

SB	1.000	1.500	2.600	-0.	247.000	47.000	8350.000	9.080	-15.750	-15.750
X1	1.200	-0.	-0.	-0.	30.000	30.000	30.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	5.500	1.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	4.400	1.300	-0.
BT	11.000	-0.	4.900	4.900	200.000	4.400	4.400	280.000	8.500	4.800
BT	462.000	9.300	5.540	520.000	9.400	5.640	620.000	8.300	5.300	720.000
BT	5.600	3.600	820.000	2.800	1.800	913.000	1.300	.790	3030.000	3.300
BT	3.300	3530.000	6.600	6.600	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.400	24.000	280.000	913.000	50.000	50.000	50.000	-0.	-2.100	-0.
GR	6.700	-0.	5.400	100.000	4.000	280.000	2.600	280.000	-0.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	420.000	-20.300	483.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	666.000	-2.900	706.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	895.000	2.100	915.000	5.400	3030.000	6.700	3530.000	-0.	-0.
NC	-0.	-0.	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	2.000	15.000	220.000	960.000	2150.000	450.000	1330.000	-0.	-2.100	-0.
GR	9.700	-0.	2.200	120.000	2.000	220.000	-.200	320.000	-3.000	370.000
GR	-4.000	529.000	-6.500	620.000	-10.000	670.000	-25.200	720.000	-14.000	820.000
GR	-2.000	880.000	-.200	920.000	1.300	960.000	1.600	1320.000	5.400	1560.000
X1	3.100	14.000	6140.000	6600.000	5100.000	5900.000	5900.000	-0.	-2.100	-0.
X4	1.000	3.300	590.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	15.300	-0.	8.700	300.000	1.900	5800.000	1.700	6180.000	-.100	6200.000
GR	-5.500	6250.000	-19.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.
VC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	3.200	22.000	6200.000	6620.000	100.000	100.000	100.000	-0.	-2.100	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	8.200	-0.
GR	15.300	-0.	8.700	300.000	5.400	890.000	2.200	6200.000	3.100	6230.000
GR	-5.100	6260.000	-16.100	6290.000	-12.100	6320.000	-15.100	6350.000	-14.100	6380.000
GR	-20.100	6410.000	-20.100	6440.000	-27.100	6470.000	-27.100	6500.000	-28.100	6530.000
GR	-19.100	6560.000	-13.100	6590.000	-.100	6606.000	1.500	6620.000	5.400	6720.000
GR	8.700	7320.000	15.300	7920.000	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.600	-0.	330.000	16.250	8944.000	1.810	-20.230	-20.230
X1	3.300	-0.	-0.	-0.	14.000	14.000	14.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	4.700	3.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	8.200	-0.
BT	10.000	-0.	13.200	-0.	300.000	6.600	-0.	890.000	3.300	-0.
BT	5060.000	4.600	-0.	6000.000	6.100	-0.	6200.000	7.600	-0.	6410.000
BT	8.200	-0.	6620.000	8.200	-0.	7440.000	8.600	-0.	7920.000	13.200
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	3.400	14.000	6140.000	6600.000	50.000	50.000	50.000	-0.	-2.100	-0.
X4	1.000	3.300	590.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	15.300	-0.	8.700	300.000	1.900	5800.000	1.700	6180.000	-.100	6200.000
GR	-5.500	6250.000	-19.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.



THIS RUN EXECUTED 02 MAY 83 10.50.42

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*****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
*****

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T1 PERGUIMANS RIVER AT MOUTH
T2 PERGUIMANS COUNTY
T3 FLOODWAY

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J1	ICHECK	INW	NINW	IDIR	STRT	METRIC	HVINS	Q	%SEL	FQ
	-0.	5.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

INLEG = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

3

THIS RUN EXECUTED 02 MAY 83 10.50.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BASE FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	BLDB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.27	947.94	.00	8046.28	43.72	0.	0.	420.00	1020.00	0.
1.000	1.25	1.00	1.27	600.00	0.	8090.00	0.	.01	420.00	420.00	1020.00	1020.00
1.100	.26	0.	.28	629.58	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.100	1.26	1.00	1.28	633.00	0.	8090.00	0.	0.	280.00	280.00	913.00	913.00
1.200	.26	0.	.28	629.62	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.200	1.26	1.00	1.28	633.00	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	.27	0.	.29	800.38	0.	8089.54	.46	0.	0.	280.00	913.00	0.
1.400	1.26	1.00	1.28	633.00	0.	8090.00	0.	.00	280.00	280.00	913.00	913.00
2.000	.42	0.	.45	1262.89	1.97	8052.98	35.05	0.	0.	220.00	960.00	0.
2.000	1.38	.96	1.40	740.00	0.	8090.00	0.	.01	220.00	220.00	960.00	960.00
3.100	1.06	0.	1.09	2592.57	105.93	7980.80	3.26	0.	0.	6180.00	6600.00	0.
3.100	1.89	.83	1.92	420.00	0.	8090.00	0.	.04	6180.00	6180.00	6600.00	6600.00
3.200	1.06	0.	1.10	420.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.200	1.91	.82	1.93	420.00	0.	8090.00	0.	0.	6200.00	6200.00	6620.00	6620.00
3.300	1.08	0.	1.10	420.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.300	2.08	1.00	2.10	420.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.400	1.08	0.	1.11	2625.59	109.90	7976.79	3.32	0.	0.	6180.00	6600.00	0.
3.400	2.06	1.00	2.11	420.00	0.	8090.00	0.	.04	6180.00	6180.00	6600.00	6600.00
4.000	1.51	0.	1.54	1921.66	46.64	8042.68	.68	0.	0.	3900.00	4300.00	0.
4.000	2.44	.93	2.47	400.00	0.	8090.00	0.	.03	3900.00	3900.00	4300.00	4300.00
5.000	1.71	0.	1.75	615.14	16.79	8072.01	1.20	0.	0.	5100.00	5450.00	0.
5.000	2.61	.90	2.64	350.00	0.	8090.00	0.	.01	5100.00	5100.00	5450.00	5450.00

SECNO	CWSEL	DIFKVS	EG	TOPNID	QLQB	QCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
6.000	2.12	0.	2.15	2274.36	56.86	8031.86	1.29	0.	0.	4700.00	4980.00	0.
6.000	2.97	.85	3.00	280.00	0.	8090.00	0.	.03	4700.00	4700.00	4980.00	4980.00
7.000	3.35	0.	3.50	2813.50	8.46	6925.00	1156.54	0.	0.	400.00	600.00	0.
7.000	4.29	.94	4.48	213.97	0.	8056.83	33.17	.24	400.00	400.00	600.00	613.97
8.000	5.03	0.	5.11	1375.59	1011.04	7075.56	3.40	0.	0.	1200.00	1420.00	0.
8.000	6.06	1.03	6.16	276.67	121.50	7968.50	0.	.15	1143.33	1200.00	1420.00	1420.00

FLOODWAY DATA, BASE FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION	
		SECTION AREA	VELOCITY		WITH FLOODWAY	WITHOUT FLOODWAY
1.000	600.	7566.	1.1	1.3	.3	1.0
1.100	633.	7249.	1.1	1.3	.3	1.0
1.200	633.	7251.	1.1	1.3	.3	1.0
1.400	633.	7253.	1.1	1.3	.3	1.0
2.000	740.	7367.	1.1	1.4	.4	1.0
3.100	420.	6130.	1.3	1.9	1.1	.8
3.200	420.	7970.	1.0	1.9	1.1	.8
3.300	420.	8047.	1.0	2.1	1.1	1.0
3.400	420.	6213.	1.3	2.1	1.1	1.0
4.000	400.	6133.	1.3	2.4	1.5	.9
5.000	350.	5445.	1.5	2.6	1.7	.9
6.000	280.	5710.	1.4	2.9	2.1	.8
7.000	214.	2351.	3.4	4.3	3.4	.9
8.000	277.	3521.	2.3	6.0	5.0	1.0





NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	3.200	18.000	800.000	911.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.700	4.970	-0.
GR	13.200	-0.	8.700	400.000	7.700	600.000	5.600	800.000	4.600	800.000
GR	.300	819.000	.100	822.000	-5.180	844.000	-7.500	356.000	-8.270	867.000
GR	-2.030	889.000	.330	900.000	4.700	911.000	5.500	911.000	6.500	1111.000
GR	4.970	1311.000	6.600	2361.000	13.200	3311.000	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.300	-0.	71.000	5.000	816.000	2.110	-3.890	-3.890
X1	3.300	-0.	-0.	-0.	26.000	26.000	26.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	5.600	4.970	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	7.700	4.970	-0.
BT	11.000	-0.	13.200	-0.	400.000	8.700	-0.	600.000	7.700	-0.
BT	800.000	7.700	-0.	800.000	10.300	-0.	911.000	10.300	-0.	911.000
BT	7.700	-0.	1111.000	6.500	-0.	1311.000	4.970	-0.	2361.000	6.600
BT	-0.	3311.000	13.200	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	3.400	-0.	-0.	-0.	50.000	50.000	50.000	-0.	-0.	-0.
QT	5.000	2195.000	4070.000	5145.000	8195.000	5145.000	-0.	-0.	-0.	-0.
X1	4.000	15.000	1070.000	1170.000	5000.000	4500.000	5200.000	-0.	-0.	-0.
GR	13.200	-0.	6.600	350.000	3.300	420.000	.900	670.000	1.000	1070.000
GR	-0.	1090.000	-7.600	1110.000	-5.100	1130.000	-0.	1170.000	.850	1270.000
GR	1.100	1370.000	.900	1570.000	3.300	3070.000	6.600	3200.000	13.200	3400.000
QT	5.000	2100.000	3895.000	4930.000	7865.000	4930.000	-0.	-0.	-0.	-0.
X1	7.000	15.000	3025.000	3100.000	3000.000	3000.000	3000.000	-0.	-0.	-0.
GR	13.200	-0.	6.600	50.000	3.300	1290.000	.800	2600.000	.700	3000.000
GR	-.100	3025.000	-7.400	3040.000	-5.100	3060.000	-4.300	3080.000	-.100	3100.000
GR	.700	3200.000	.700	3500.000	3.300	5350.000	6.600	5400.000	13.200	8500.000
QT	5.000	2050.000	3810.000	4825.000	7705.000	4825.000	-0.	-0.	-0.	-0.
X1	8.000	12.000	2550.000	2620.000	7500.000	4300.000	6500.000	-0.	-0.	-0.
GR	26.400	-0.	3.300	425.000	3.300	2120.000	1.000	2520.000	.100	2550.000
GR	-5.300	2580.000	-0.	2620.000	2.400	2820.000	2.400	2920.000	6.200	3020.000
GR	13.200	4250.000	14.500	4400.000	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	2005.000	3730.000	4720.000	7540.000	4720.000	-0.	-0.	-0.	-0.
X1	9.100	12.000	600.000	710.000	2600.000	2600.000	5400.000	-0.	-0.	-0.
GR	13.200	-0.	3.300	250.000	1.200	600.000	.100	610.000	-6.000	640.000
GR	.100	705.000	1.300	710.000	3.200	910.000	3.500	1210.000	6.600	3500.000
GR	10.000	5100.000	13.200	5625.000	-0.	-0.	-0.	-0.	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	9.200	18.000	1000.000	1123.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	8.000	8.000	-0.
GR	13.200	-0.	8.100	600.000	8.100	800.000	7.200	1000.000	5.000	1000.000
GR	1.700	1017.000	.200	1025.000	-3.900	1035.000	-6.600	1053.000	-5.200	1070.000
GR	-.800	1097.000	.200	1091.000	3.400	1105.000	5.600	1123.000	7.200	1123.000
GR	8.200	1323.000	8.000	1523.000	13.200	5625.000	-0.	-0.	-0.	-0.



THIS RUN EXECUTED 19 APR 83 13.35.50

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 78 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER-NEAR BELVEDERE  
 T2 PERQUIMANS COUNTY  
 T3 FLOODWAY

J1	ICHECK	INJ	NIVV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	7.480	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 19 APR 83 13.35.51

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	6.48	0.	6.50	3183.64	1914.69	2667.15	918.16	0.	0.	4200.00	4320.00	0.
1.000	7.48	1.00	7.50	1440.80	2005.96	2998.55	495.48	.21	3125.67	4200.00	4320.00	4566.47
2.000	6.90	0.	6.93	1871.42	1033.78	3476.63	989.60	0.	0.	2450.00	2580.00	0.
2.000	7.89	.99	7.93	966.24	879.60	3747.73	872.66	.14	2046.97	2450.00	2580.00	3013.21
3.100	7.40	0.	7.43	1250.97	297.73	4095.50	976.77	0.	0.	350.00	470.00	0.
3.100	8.36	.98	8.41	727.33	104.64	4318.56	946.80	.09	287.44	350.00	470.00	1014.77
3.200	7.38	0.	7.60	1842.83	38.84	4466.01	865.15	0.	0.	800.00	911.00	0.
3.200	8.34	.95	8.60	396.95	0.	5061.09	308.91	.23	800.00	800.00	911.00	1196.95
3.300	7.37	0.	7.60	1672.59	0.	4502.04	867.96	0.	0.	800.00	911.00	0.
3.300	8.33	.95	8.60	354.94	0.	5106.15	263.85	.23	800.00	800.00	911.00	1154.94
3.400	7.46	0.	7.67	1859.27	42.19	4415.85	911.96	0.	0.	800.00	911.00	0.
3.400	8.42	.96	8.67	431.61	0.	5002.06	367.94	.23	800.00	800.00	911.00	1231.61
4.000	8.36	0.	8.37	2996.99	1088.98	1240.03	2816.00	0.	0.	1070.00	1170.00	0.
4.000	9.33	.97	9.34	2089.03	826.06	1371.86	2947.08	.16	674.48	1070.00	1170.00	2763.51
7.000	8.49	0.	8.49	6251.50	2066.38	672.94	2190.68	0.	0.	3025.00	3100.00	0.
7.000	9.45	.96	9.45	3597.98	2039.56	735.71	2154.73	.18	1247.75	3025.00	3100.00	4845.73
8.000	8.89	0.	8.90	3171.05	3050.43	1009.99	764.58	0.	0.	2550.00	2620.00	0.
8.000	9.83	.94	9.84	2081.79	3268.40	1116.42	440.18	.18	705.30	2550.00	2620.00	2787.09
9.100	9.20	0.	9.21	4622.03	669.89	1498.05	2552.07	0.	0.	600.00	710.00	0.
9.100	10.13	.93	10.14	2427.08	213.71	1656.29	2850.00	.20	507.00	600.00	710.00	2934.08
9.200	9.14	0.	9.32	1946.30	154.53	4341.22	224.25	0.	0.	1000.00	1123.00	0.
9.200	10.06	.92	10.25	123.00	0.	4720.00	0.	.17	1000.00	1000.00	1123.00	1123.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
9.300	9.14	0.	9.32	1946.37	154.54	4341.18	224.28	0.	0.	1000.00	1123.00	0.
9.300	10.06	.92	10.26	123.00	0.	4720.00	0.	.17	1000.00	1000.00	1123.00	1123.00
9.400	9.34	0.	9.35	4046.95	1023.65	1619.24	2077.12	0.	0.	1600.00	1710.00	0.
9.400	10.27	.94	10.28	1965.81	730.70	1780.70	2208.59	.18	1280.07	1600.00	1710.00	3245.88
10.000	9.44	0.	9.44	3383.74	3287.70	1003.34	428.96	0.	0.	2600.00	2685.00	0.
10.000	10.37	.93	10.38	2246.70	3513.83	1106.72	99.45	.16	483.81	2600.00	2685.00	2730.51
11.000	9.60	0.	9.60	3877.45	2030.11	720.90	1788.89	0.	0.	2430.00	2510.00	0.
11.000	10.52	.92	10.53	1841.66	1995.38	809.62	1735.00	.16	1433.70	2430.00	2510.00	3375.36

0

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
				WITH FLOODWAY	WITHOUT FLOODWAY	
A 1.000	1441.	10197.	.5	7.5	6.5	1.0
B 2.000	966.	8063.	.7	7.9	6.9	1.0
3.100	727.	7402.	.7	8.4	7.4	1.0
C 3.200	397.	1945.	2.9	8.4	7.4	1.0
3.300	355.	1745.	3.1	8.4	7.4	1.0
3.400	432.	1972.	2.7	8.5	7.5	1.0
D 4.000	2089.	16891.	.3	9.4	8.4	1.0
7.000	3598.	28745.	.2	9.5	8.5	1.0
E 8.000	2082.	14942.	.3	9.8	8.9	.9
9.100	2427.	15215.	.3	10.1	9.2	.9
9.200	123.	1333.	3.5	10.0	9.1	.9
9.300	123.	1333.	3.5	10.0	9.1	.9
9.400	1966.	13870.	.3	10.2	9.3	.9
H 10.000	2247.	19090.	.3	10.3	9.4	.9
I 11.000	1942.	17581.	.3	10.5	9.6	.9



18 MAR 82 11.15.43

\* All the GTR cards should

-2.1' PAGE 1

See 4- Flood Run

THIS RUN EXECUTED 18 MAR 82 11.15.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 BASE FLOOD

J1	ICHECK	INC	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	-0.	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	200.000	110.000	-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.
J6	IHLEG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.250	.200	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	3603.000	6476.000	8090.000	12909.000	8090.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	15.000	420.000	1020.000	-0.	-0.	-0.	-0.	-0.	-0.
GR	3.900	-0.	2.300	320.000	3.100	420.000	-10.000	455.000	-15.000	485.000
GR	-21.000	520.000	-25.400	570.000	-21.000	620.000	-16.500	670.000	-5.500	720.000
GR	-2.200	870.000	-3.400	920.000	.800	1020.000	.800	1320.000	3.300	1420.000
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	1.100	24.000	280.000	913.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.500	3.300	-0.
GR	6.600	-0.	3.300	100.000	4.000	280.000	2.600	280.000	-3.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	488.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	3.300	3030.000	6.600	3530.000	-0.	-0.



SB	1.000	1.500	2.600	-0.	247.000	47.000	8350.000	9.100	-13.700	-13.700
X1	1.200	-0.	-0.	-0.	30.000	30.000	30.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	7.600	3.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	6.500	3.300	-0.
BT	11.000	-0.	7.600	-0.	200.000	6.500	-0.	280.000	10.600	-0.
BT	462.000	11.400	-0.	520.000	11.500	-0.	620.000	10.300	-0.	720.000
BT	7.700	-0.	320.000	4.900	-0.	913.000	3.400	-0.	3030.000	3.300
BT	-0.	3530.000	6.600	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.400	24.000	280.000	913.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	6.600	-0.	3.300	100.000	4.000	280.000	2.600	280.000	-0.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	488.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	808.000
GR	-1.300	898.000	2.100	913.000	3.300	3030.000	6.600	3530.000	-0.	-0.
NC	-0.	-0.	0.000	0.100	0.300	-0.	-0.	-0.	-0.	-0.
X1	2.000	15.000	220.000	960.000	2150.000	450.000	1330.000	-0.	-0.	-0.
GR	9.700	-0.	2.200	120.000	2.000	220.000	-0.200	320.000	-3.000	370.000
GR	-4.000	520.000	-6.500	620.000	-10.000	670.000	-25.200	720.000	-14.000	820.000
GR	-2.000	880.000	-2.000	920.000	1.300	960.000	1.600	1320.000	3.300	1560.000
X1	3.100	14.000	6180.000	6600.000	5100.000	5900.000	5900.000	-0.	-0.	-0.
X4	1.000	3.300	890.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	300.000	1.900	5800.000	1.700	6180.000	-0.100	6200.000
GR	-5.500	6250.000	-17.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-0.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.
NC	-0.	-0.	-0.	0.300	0.500	-0.	-0.	-0.	-0.	-0.
X1	3.200	22.000	6200.000	6620.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	-0.	-0.
GR	13.200	-0.	6.600	300.000	3.300	890.000	2.200	6200.000	3.100	6230.000
GR	-5.100	6260.000	-16.100	6290.000	-12.100	6320.000	-15.100	6350.000	-14.100	6380.000
GR	-20.100	6410.000	-20.100	6440.000	-27.100	6470.000	-27.100	6500.000	-28.100	6530.000
GR	-19.100	6560.000	-13.100	6590.000	-0.100	6600.000	1.500	6620.000	3.300	6720.000
GR	6.600	7520.000	13.200	7920.000	-0.	-0.	-0.	-0.	-0.	-0.
SB	1.000	1.500	2.600	-0.	330.000	16.250	8944.000	3.770	-17.080	-17.080
X1	3.300	-0.	-0.	-0.	14.000	14.000	14.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	6.800	3.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	10.300	-0.
BT	10.000	-0.	13.200	-0.	300.000	6.600	-0.	890.000	3.300	-0.
BT	5800.000	6.700	-0.	6000.000	8.200	-0.	6200.000	9.700	-0.	6410.000
BT	10.300	-0.	6620.000	10.300	-0.	7440.000	10.700	-0.	7920.000	13.200
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	3.400	14.000	6180.000	6600.000	50.000	50.000	50.000	-0.	-0.	-0.
X4	1.000	3.300	890.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	300.000	1.900	5800.000	1.700	6180.000	-0.100	6200.000
GR	-5.500	6250.000	-19.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-0.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.



THIS RUN EXECUTED 18 MAR 82 11:15.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHL0 = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 18 MAR 82 11.15.43

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 115

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	.25	0.	.28	546.55	0.	8090.00	0.	0.	0.	420.00	1020.00	0.
1.000	1.25	1.00	1.28	595.06	0.	8090.00	0.	.00	420.00	420.00	1020.00	1020.00
1.100	.27	0.	.30	591.88	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.100	1.26	1.00	1.29	610.41	0.	8090.00	0.	0.	280.00	280.00	913.00	913.00
1.200	.27	0.	.30	591.97	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.200	1.27	1.00	1.30	610.52	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	.28	0.	.31	592.16	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	1.28	1.00	1.31	610.65	0.	8090.00	0.	0.	280.00	280.00	913.00	913.00
2.000	.57	0.	.61	655.75	0.	8090.00	0.	0.	0.	220.00	960.00	0.
2.000	1.50	.92	1.53	716.92	0.	8090.00	0.	.00	220.00	220.00	960.00	960.00
3.100	1.64	0.	1.67	429.99	0.	8089.25	.75	0.	0.	6180.00	6600.00	0.
3.100	2.36	.72	2.39	420.00	0.	8090.00	0.	.01	6180.00	6180.00	6600.00	6600.00
3.200	1.67	0.	1.69	393.66	0.	8089.99	.01	0.	0.	6200.00	6620.00	0.
3.200	2.38	.72	2.40	393.14	0.	8090.00	0.	.00	6200.00	6200.00	6620.00	6620.00
3.300	1.67	0.	1.69	384.76	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.300	2.67	1.00	2.69	390.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.400	1.66	0.	1.70	430.54	0.	8089.22	.78	0.	0.	6180.00	6600.00	0.
3.400	2.66	1.00	2.73	420.00	0.	8090.00	0.	.01	6180.00	6180.00	6600.00	6600.00
4.000	2.27	0.	2.30	402.57	0.	8089.96	.04	0.	0.	3900.00	4300.00	0.
4.000	3.15	.88	3.18	400.00	0.	8090.00	0.	.01	3900.00	3900.00	4300.00	4300.00
5.000	2.53	0.	2.58	428.96	.75	8089.16	.09	0.	0.	5100.00	5450.00	0.
5.000	3.36	.83	3.40	350.00	0.	8090.00	0.	.00	5100.00	5100.00	5450.00	5450.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	GCH	GROB	PERENC	STENCL	STCHL	STCHR	STENCR
6.000	3.07	0.	3.11	481.35	5.54	8084.11	.35	0.	0.	4700.00	4980.00	0.
6.000	3.83	.76	3.86	280.00	0.	8090.00	0.	.02	4700.00	4700.00	4980.00	4980.00
7.000	4.65	0.	4.82	2813.39	5.22	6874.28	1210.50	0.	0.	400.00	600.00	0.
7.000	5.57	.92	5.79	200.00	0.	8090.00	0.	.26	400.00	400.00	600.00	600.00
8.000	6.60	0.	6.68	1384.64	1124.06	6965.21	.73	0.	0.	1200.00	1420.00	0.
8.000	7.64	1.04	7.74	331.12	213.33	7876.67	0.	.16	1088.88	1200.00	1420.00	1420.00

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	595.	6310.	1.3	1.3	.3	1.0
1.100	610.	5937.	1.4	1.3	.3	1.0
1.200	611.	5941.	1.4	1.3	.3	1.0
1.400	611.	5945.	1.4	1.3	.3	1.0
2.000	717.	5905.	1.4	1.5	.6	.9
3.100	420.	5444.	1.5	2.3	1.6	.7
3.200	420.	7296.	1.1	2.4	1.7	.7
3.300	420.	7422.	1.1	2.7	1.7	1.0
3.400	420.	5576.	1.5	2.7	1.7	1.0
4.000	400.	5681.	1.4	3.2	2.3	.9
5.000	350.	4993.	1.6	3.3	2.5	.8
6.000	280.	5361.	1.5	3.9	3.1	.8
7.000	200.	2134.	3.8	5.6	4.7	.9
8.000	331.	3644.	2.2	7.6	6.6	1.0

A  
B  
9  
D  
E  
F  
G  
H



X1	1.400	24.000	280.000	913.000	50.000	50.000	50.000	-0.	-0.	-0.
GR	6.600	-0.	3.300	100.000	4.000	280.000	2.600	280.000	-3.300	321.000
GR	-7.300	322.000	-21.300	362.000	-25.300	390.000	-20.300	418.000	-23.300	452.000
GR	-20.300	480.000	-20.300	488.000	-6.300	548.000	-4.800	588.000	-3.300	628.000
GR	-3.500	668.000	-2.900	708.000	-2.300	748.000	-1.900	778.000	-1.600	868.000
GR	-1.300	898.000	2.100	913.000	3.300	3030.000	6.600	3530.000	-0.	-0.
NC	-0.	-0.	.060	.100	.300	-0.	-0.	-0.	-0.	-0.
X1	1.000	15.000	420.000	1020.000	350.000	170.000	230.000	-0.	-0.	-0.
GR	3.900	-0.	2.300	320.000	3.100	420.000	-10.000	455.000	-15.000	485.000
GR	-21.000	520.000	-25.400	570.000	-21.000	620.000	-16.500	670.000	-5.500	720.000
GR	-2.200	870.000	-4.000	920.000	.800	1020.000	.800	1320.000	3.300	1420.000
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	2.000	15.000	220.000	960.000	1800.000	280.000	1100.000	-0.	-0.	-0.
GR	9.700	-0.	2.200	120.000	2.000	220.000	-200	320.000	-3.000	370.000
GR	-4.000	520.000	-6.500	620.000	-10.000	670.000	-25.200	720.000	-14.000	820.000
GR	-2.000	880.000	-2.000	920.000	1.300	960.000	1.600	1320.000	3.300	1560.000
X1	3.100	14.000	6180.000	6600.000	5100.000	5900.000	5900.000	-0.	-0.	-0.
X4	1.000	3.300	890.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	300.000	1.900	5800.000	1.700	6180.000	-1.100	6200.000
GR	-5.500	6250.000	-19.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-1.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.
NC	-0.	-0.	-0.	.300	.500	-0.	-0.	-0.	-0.	-0.
X1	3.200	22.000	6200.000	6620.000	100.000	100.000	100.000	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	-0.	-0.
GR	13.200	-0.	6.600	300.000	3.300	890.000	2.200	6200.000	3.100	6230.000
GR	-5.100	6260.000	-16.100	6290.000	-12.100	6320.000	-15.100	6350.000	-14.100	6380.000
GR	-20.100	6410.000	-20.100	6440.000	-27.100	6470.000	-27.100	6500.000	-28.100	6530.000
GR	-19.100	6560.000	-13.100	6590.000	-1.100	6606.000	1.500	6620.000	3.300	6720.000
GR	6.600	7520.000	13.200	7920.000	-0.	-0.	-0.	-0.	-0.	-0.
S3	1.000	1.500	2.800	-0.	330.000	16.250	8944.000	3.770	-17.080	-17.080
X1	3.300	-0.	-0.	-0.	14.000	14.000	14.000	-0.	-0.	-0.
X2	-0.	-0.	1.000	6.800	3.300	-0.	-0.	-0.	-0.	-0.
X3	10.000	-0.	-0.	-0.	-0.	-0.	-0.	3.300	10.300	-0.
BT	10.000	-0.	13.200	-0.	300.000	6.600	-0.	890.000	3.300	-0.
BT	5800.000	6.700	-0.	6000.000	8.200	-0.	6200.000	9.700	-0.	6410.000
BT	10.300	-0.	6620.000	10.300	-0.	7440.000	10.700	-0.	7920.000	13.200
BT	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X1	3.400	14.000	6180.000	6600.000	50.000	50.000	50.000	-0.	-0.	-0.
X4	1.000	3.300	890.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	13.200	-0.	6.600	300.000	1.900	5800.000	1.700	6180.000	-1.100	6200.000
GR	-5.500	6250.000	-19.500	6300.000	-16.500	6350.000	-20.500	6400.000	-8.500	6500.000
GR	-1.100	6600.000	6.400	6640.000	7.800	6800.000	8.100	7000.000	-0.	-0.





THIS RUN EXECUTED 17 MAR 82 10.22.51

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 PERQUIMANS RIVER AT MOUTH  
 T2 PERQUIMANS COUNTY  
 T3 FLOODWAY

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	1.250	-0.
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 17 MAR 82 10.22.51

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	GCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.100	.25	0.	.29	591.61	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.100	1.25	1.00	1.28	610.16	0.	8090.00	0.	0.	280.00	280.00	913.00	913.00
1.200	.25	0.	.29	591.69	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.200	1.25	1.00	1.28	610.24	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	.26	0.	.30	591.88	0.	8090.00	0.	0.	0.	280.00	913.00	0.
1.400	1.26	1.00	1.29	610.38	0.	8090.00	0.	0.	280.00	280.00	913.00	913.00
1.000	.31	0.	.34	552.19	0.	8090.00	0.	0.	0.	420.00	1020.00	0.
1.000	1.30	.99	1.32	595.18	0.	8090.00	0.	.00	420.00	420.00	1020.00	1020.00
2.000	.51	0.	.55	650.60	0.	8090.00	0.	0.	0.	220.00	960.00	0.
2.000	1.42	.95	1.49	715.17	0.	8090.00	0.	.00	220.00	220.00	960.00	960.00
3.100	1.59	0.	1.63	429.26	0.	8089.30	.70	0.	0.	6180.00	6600.00	0.
3.100	2.33	.74	2.36	420.00	0.	8090.00	0.	.01	6180.00	6180.00	6600.00	6600.00
3.200	1.62	0.	1.64	390.87	0.	8090.00	.00	0.	0.	6200.00	6620.00	0.
3.200	2.35	.74	2.37	392.09	0.	8090.00	0.	.00	6200.00	6200.00	6620.00	6620.00
3.300	1.62	0.	1.64	384.58	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.300	2.62	1.00	2.64	390.00	0.	8090.00	0.	0.	0.	6200.00	6620.00	0.
3.400	1.62	0.	1.65	429.73	0.	8089.27	.73	0.	0.	6180.00	6600.00	0.
3.400	2.62	1.00	2.65	420.00	0.	8090.00	0.	.01	6180.00	6180.00	6600.00	6600.00
4.000	2.23	0.	2.26	402.17	0.	8089.96	.04	0.	0.	3900.00	4300.00	0.
4.000	3.10	.88	3.14	400.00	0.	8090.00	0.	.01	3900.00	3900.00	4300.00	4300.00
5.000	2.49	0.	2.54	423.40	.62	8089.30	.08	0.	0.	5100.00	5450.00	0.
5.000	3.32	.83	3.36	350.00	0.	8090.00	0.	.00	5100.00	5100.00	5450.00	5450.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
6.000	3.03	0.	3.07	466.57	5.17	8084.50	.33	0.	0.	4700.00	4980.00	0.
6.000	3.79	.76	3.83	280.00	0.	8090.00	0.	.02	4700.00	4700.00	4980.00	4980.00
7.000	4.64	0.	4.80	2813.29	5.17	6890.90	1193.93	0.	0.	400.00	600.00	0.
7.000	5.55	.91	5.77	200.00	0.	8390.00	0.	.26	400.00	400.00	600.00	600.00
8.000	6.60	0.	6.67	1384.51	1121.93	6967.36	.71	0.	0.	1200.00	1420.00	0.
8.000	7.63	1.03	7.72	329.68	210.07	7879.93	0.	.16	1090.32	1200.00	1420.00	1420.00

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.100	610.	5929.	1.4	1.3	.3	1.0
1.200	610.	5932.	1.4	1.3	.3	1.0
1.400	610.	5936.	1.4	1.3	.3	1.0
1.000	595.	6337.	1.3	1.3	.3	1.0
2.000	715.	5877.	1.4	1.4	.5	.9
3.100	420.	5432.	1.5	2.3	1.6	.7
3.200	420.	7285.	1.1	2.3	1.6	.7
3.300	420.	7404.	1.1	2.6	1.6	1.0
3.400	420.	5556.	1.5	2.6	1.6	1.0
4.000	400.	5664.	1.4	3.1	2.2	.9
5.000	350.	4979.	1.6	3.3	2.5	.8
6.000	280.	5351.	1.5	3.8	3.0	.8
7.000	200.	2129.	3.8	5.5	4.6	.9
8.000	330.	3632.	2.2	7.6	6.6	1.0