

SAL 1

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THIS RUN EXECUTED 10SEP96 13:52:05

HEC-2 WATER SURFACE PROFILES

Version 4.6.2; May 1991

T1 Hayes, Seay, Mattern & Mattern, Inc. Lexington County, SC FI
T2 Stream Name: Saluda River Comm. No. 2
T3 100-year Natural Date: 12 June 96

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
4.0 0.002 147.0
J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
1. -1.0

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38. 22. 200.	1. 28. 1	52. 54. 2	4. 3	13. 4	14. 5	15. 6	53. 7	27. 8	21. 9	10
QT	5.	32000.	90000.	105000.	105000.	145000.	0.	0.	0.	0.
NC	.065	.065	.05	.1	.3	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.1	0.	0.	280.	2325.5	0.
X1	1320.	43.	280.	2200.	0.	0.	0.	0.	0.	0.
X3	10.	0.	0.	0.	0.	0.	0.	156.2 in eff	0.	0.
GR	186.	0.	179.	30.	154.	75.	153.	88.	145.	100.
GR	138.5	125.	137.	200.	144.5	225.	153.6	235.	154.	248.
GR	156.7	253.	156.9	265.	156.3	280.	131.5	335.	130.6	400.
GR	130.8	495.	130.	675.	135.	695.	136.	730.	130.	770.
GR	128.5	800.	130.	900.	135.	910.	140.	920.	145.	930.
GR	150.	1000.	145.	1030.	140.	1060.	135.	1090.	130.	1100.
GR	126.5	1200.	122.7	1300.	120.7	1400.	121.8	1500.	116.5	1600.
GR	119.5	1700.	119.5	2000.	135.	2200.	140.	2320.	145.	2540.
GR	150.	2580.	175.	2650.	200.	2700.	0.	0.	0.	0.
NC	.065	.065	.05	.1	.3	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.1	0.	0.	267.0	950.67	0.
X1	3300.	19.	310.	940.	2400.	2400.	1980.	0.	0.	0.
GR	175.4	0.	173.5	14.	154.5	49.	151.	100.	147.3	162.
GR	148.9	228.	139.7	310.	133.8	325.	147.	338.	138.3	352.
GR	135.	395.	133.7	443.	135.6	630.	133.6	770.	135.3	938.
GR	138.8	940.	139.7	965.	145.5	990.	175.	1070.	0.	0.

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	1	2	3	4	5	6	7	8	9	10
ET	0.	0.	0.	0.	8.1	0.	0.	1224.94	1755.	0.
X1	5000.	16.	1460.	BANK 1755.	1700.	1700.	1700.	0.	0.	0.
GR	175.	0.	170.	215.	170.	540.	165.	730.	160.	905.
GR	155.	1150.	150.	1230.	145.	1315.	140.	1460.	132.	1465.
GR	132.	1750.	140.	1755.	146.67	1785.	157.18	1813.	160.50	1819.
GR	174.19	1844.								
ET	0.	0.	0.	0.	8.1	0.	0.	282.75	1009.12	0.
X1	7100.	15.	415.	BANK 960.	1950.	2200.	2100.	0.	0.	0.
GR	184.	55.	176.	80.	176.	100.	155.2	283.	155.	300.
GR	143.9	385.	143.3	415.	140.9	420.	137.7	470.	142.6	530.
GR	132.1	620.	130.5	720.	142.1	960.	147.4	1000.	175.	1070.
ET	0.	0.	0.	0.	8.1	0.	0.	297.63	1004.36	0.
X1	7600.	0.	0.	0.	450.	500.	500.	0.	2.2	0.
ET	0.	0.	0.	0.	8.1	0.	0.	398.22	960.0	0.
X1	9100.	0.	0.	0.	1400.	1150.	1500.	0.	6.7	0.
ET	0.	0.	0.	0.	8.1	0.	0.	415.	960.0	0.
X1	9900.	0.	0.	0.	800.	830.	800.	0.	3.6	0.
ET	0.	0.	0.	0.	8.1	0.	0.	1266.7	1884.	0.
X1	10870.	17.	1528.	BANK 1884.	1250.	750.	970.	0.	0.	0.
GR	205.	0.	190.	300.	175.	500.	165.	985.	160.	1500.
GR	158.4	1515.	156.	1528.	149.9	1529.	147.5	1555.	149.5	1628.
GR	147.4	1739.	150.7	1835.	151.5	1880.	156.3	1884.	156.	1900.
GR	200.	1990.	205.	2010.	0.	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	3.4	0.	0.	0.	0.	0.
X1	13600.	16.	740.	BANK 1060.	2400.	3000.	2730.	0.	0.	0.
GR	200.	0.	190.	130.	185.	155.	185.	280.	175.	340.
GR	165.	590.	160.	720.	155.	740.	149.	745.	149.	1055.
GR	155.	1060.	160.	1075.	165.	1240.	170.	1440.	175.	1460.
GR	200.	1515.	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	6.4	0.	0.	0.	0.	0.
X1	15300.	31.	1435.	BANK 1925.	1500.	2100.	1700.	0.	0.	0.
GR	225.	30.	200.	350.	190.	550.	175.	750.	170.	800.
GR	170.	910.	175.	950.	182.3	1000.	182.5	1035.	173.2	1238.
GR	174.1	1252.	161.1	1425.	158.5	1435.	155.	1440.	150.7	1475.
GR	153.2	1525.	150.7	1675.	153.1	1755.	151.3	1815.	159.5	1818.
GR	162.7	1845.	162.5	1855.	156.5	1865.	155.5	1890.	156.	1920.
GR	160.2	1925.	164.2	2000.	173.1	2215.	175.	2230.	200.	2290.
GR	225.	2370.	0.	0.	0.	0.	0.	0.	0.	0.
X1	17000.	31.	1400.	BANK 1698.	1900.	1500.	1700.	0.	0.	0.
GR	225.	0.	200.	475.	190.	700.	185.	800.	180.5	900.
GR	179.8	915.	171.5	932.	172.6	1000.	172.6	1010.	168.8	1028.
GR	167.8	1100.	167.8	1200.	168.3	1300.	171.3	1355.	170.9	1385.
GR	163.5	1400.	158.5	1405.	148.6	1425.	148.4	1515.	150.4	1595.
GR	157.5	1695.	166.8	1698.	167.3	1748.	160.5	1755.	161.6	1775.
GR	166.8	1785.	167.2	1800.	167.1	1855.	175.7	1900.	200.	2000.

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	1	2	3	4	5	6	7	8	9	10
GR	225.	2370.	0.	0.	0.	0.	0.	0.	0.	0.
X1	17700.	28.	1100.	1795.	700.	700.	1700.	0.	0.	0.
X3	10.	0.	0.	0.	0.	0.	0.	185.	184.	0.
GR	216.	300.	210.	360.	200.	430.	184.5	470.	178.	490.
GR	175.	520.	175.	560.	185.	600.	185.	700.	175.	840.
GR	170.	1060.	168.4	1100.	166.5	1155.	164.3	1290.	149.	1310.
GR	149.	1380.	144.2	1450.	157.8	1590.	158.5	1665.	164.2	1675.
GR	166.5	1730.	175.	1775.	176.	1795.	185.	1960.	185.	2200.
GR	190.	2850.	200.	3000.	210.	3100.	0.	0.	0.	0.
SB	1.25	1.25	2.5	0.	244.	48.	12607.	7.5	149.	149.
X1	17900.	0.	0.	0.	200.	200.	200.	1.	.6	0.
X2	0.	0.	1.	177.6	182.8	0.	0.	0.	0.	0.
X3	10.	0.	0.	0.	0.	0.	0.	185.	184.	0.
BT	9.	300.	216.	0.	900.	192.5	0.	1100.	187.	181.8
BT	1500.	182.8	177.6	1795.	184.	178.8	2250	185.	0.	2650.
BT	190.	0.	3250.	200.	0.	3450.	230.	0.	0.	0.
ET	0.	0.	0.	0.	11.4	0.	0.	0.	0.	0.
X1	18800.	31.	1335.	1717.	900.	900.	900.	0.	0.	0.
GR	225.	25.	200.	190.	188.3	300.	182.3	400.	180.3	405.
GR	177.6	500.	172.6	600.	169.8	700.	168.5	1000.	167.4	1100.
GR	168.	1200.	168.	1300.	165.1	1335.	160.2	1338.	159.9	1385.
GR	157.6	1450.	157.2	1565.	158.5	1660.	162.5	1715.	165.3	1717.
GR	167.2	1848.	169.5	1865.	170.3	2000.	170.	2100.	171.8	2200.
GR	174.	2270.	180.	2500.	190.	2550.	195.	2750.	200.	2800.
GR	225.	2950.	0.	0.	0.	0.	0.	0.	0.	0.
NC	.065	.065	.050	.1	.3	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.4	0.	0.	0.	0.	0.
X1	22000.	20.	1635.	1920.	3200.	3200.	3200.	0.	0.	0.
GR	218.	0.	215.	80.	210.	130.	205.	190.	200.	250.
GR	195.	285.	190.	370.	185.	440.	181.	850.	175.	970.
GR	170.	1600.	165.	1625.	160.	1635.	158.9	1685.	163.5	1780.
GR	157.7	1830.	159.1	1860.	160.	1920.	175.	1965.	200.	1995.
ET	0.	0.	0.	0.	7.4	0.	0.	0.	0.	0.
X1	24800.	31.	1390.	1692.	2800.	2800.	2800.	0.	0.	0.
GR	225.	0.	220.	170.	215.	450.	200.8	500.	186.4	545.
GR	187.6	555.	186.1	567.	179.9	579.	175.9	600.	172.4	700.
GR	171.7	800.	172.4	900.	173.2	1000.	173.	1100.	173.9	1200.
GR	172.9	1256.	168.4	1273.	171.4	1285.	172.	1380.	169.5	1390.
GR	162.2	1395.	160.	1450.	166.1	1595.	160.3	1660.	161.8	1690.
GR	169.3	1692.	200.	1830.	190.	1948.	190.	2260.	195.	2380.
GR	225.	2630.	0.	0.	0.	0.	0.	0.	0.	0.
X1	25400.	17.	1200.	1850.	500.	600.	600.	0.	0.	0.
X3	10.	0.	0.	0.	0.	0.	0.	186.9	192.1	0.
GR	225.	0.	200.	400.	195.8	450.	186.9	470.	189.5	492.
GR	188.	510.	190.5	515.	175.	700.	175.	1200.	169.4	1410.
GR	158.2	1485.	158.	1630.	156.9	1705.	172.	1738.	176.5	1850.
GR	199.5	2600.	225.	3430.	0.	0.	0.	0.	0.	0.

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	1	2	3	4	5	6	7	8	9	10
SB	1.25	1.3	2.5	0.	293.	32.	13910.	5.8	158.1	158.
ET	0.	0.	0.	0.	10.4	0.	0.	0.	0.	0.
X1	25700.	0.	0.	0.	300.	300.	300.	0.	0.	0.
X2	0.	0.	1.	192.2	192.1	0.	0.	0.	0.	0.
X3	10.	0.	0.	0.	0.	0.	0.	186.9	192.1	0.
BT	5.	900.	205.	0.	1195.	197.9	192.5	1200.	196.1	192.2
BT	1850.	192.1	188.2	2600.	199.5	0.	0.	0.	0.	0.
X1	26000.	18.	1470L bank R1750.		400L reat R250.		300.	0.	0.	0.
GR	225.	0.	190.5	420.	182.1	440.	176.6	500.	173.7	700.
GR	172.7	1000.	174.4	1200.	177.5	1300.	170.	1355.	175.	1440.
GR	173.	1465.	177.6	1470.	156.7	1500.	157.9	1650.	176.7	1750.
GR	190.	2650.	200.	2700.	225.	3160.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.1	0.	0.	700.	2400.	0.
X1	28600.	11.	1915L bank R2170.		2600L reat R2600.		2600.	0.	0.	0.
GR	225.	0.	200.	150.	175.	1300.	165.	1915.	156.5	2000.
GR	156.5	2120.	165.	2170.	175.	2220.	175.	2450.	205.	2780.
GR	225.	3750.	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.1	0.	0.	3000.	5010.	0.
X1	31500.	16.	4585L bank R4890.		2900L reat R2900.		2900.	0.	0.	0.
GR	225.	30.	200.	940.	190.	1170.	190.	1465.	185.	3000.
GR	180.	3970.	179.6	4400.	172.	4480.	172.	4500.	176.	4585.
GR	175.6	4630.	156.8	4700.	156.7	4810.	179.3	4890.	200.	5120.
GR	225.	5300.	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	0.	0.	8.1	0.	0.	3820.	6820.	0.
X1	35800.	25.	5400L bank R5670.		4100L reat R4400.		4300.	0.	0.	0.
GR	225.	85.	220.	230.	215.	415.	210.	550.	205.	755.
GR	200.	1000.	200.	1150.	195.	1480.	190.	1630.	185.	1690.
GR	185.	2930.	185.	3970.	180.	4610.	180.	4930.	177.3	5400.
GR	160.	5470.	153.	5575.	172.1	5660.	180.2	5670.	182.1	5690.
GR	175.	6150.	175.	6900.	180.	6950.	200.	7110.	225.	7560.
ET	0.	0.	0.	0.	8.1	0.	0.	980.	1940.	0.
X1	37500.	15.	1500L bank R1865.		1700L reat R1700.		1700.	0.	0.	0.
GR	200.	0.	195.	50.	190.	540.	185.	1170.	185.	1300.
GR	191.	1450.	175.8	1500.	162.4	1530.	162.5	1745.	169.2	1825.
GR	174.8	1835.	177.5	1865.	185.	1900.	185.	2140.	200.	2235.
ET	0.	0.	0.	0.	10.4	0.	0.	0.	0.	0.
X1	48900.	9.	1000L bank R1270.		11400L reat R11400.		11400.	0.	0.	0.
GR	200.	0.	182.5	1000.	166.8	1060.	163.3	1105.	163.	1200.
GR	176.	1265.	180.4	1270.	184.3	1350.	200.	2100.	0.	0.
X1	52700.	9.	1283L bank R1750.		3800L reat R3800.		3800.	0.	0.	0.
GR	200.	0.	186.2	1200.	186.7	1283.	176.9	1285.	167.6	1350.
GR	169.6	1640.	176.7	1745.	179.	1750.	200.	2050.	0.	0.