
 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

***** AS OF 7 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
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 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

C
 1 SHELBY NC
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY B-2 10-YR Q

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	-0.	2.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	707.500	-0.000
J2	NPROF	TPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	1,000	-0,000	-0,000	5,000	50,000	-0,000	-0,000	-0,000	-0,000	-0,000
J3	-3,000	31,000	40,000	41,000	42,000	43,000	1,000	2,000	3,000	4,000
J3	53,000	54,000	38,000	38,000	1,000	7,000	8,000	26,000	13,000	55,000
J3	14,000	26,000	15,000	55,000	25,000	38,000	-0,000	-0,000	-0,000	-0,000
NC	.040	.040	.060	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
QT	5,000	850,000	1400,000	1650,000	1650,000	2370,000	-0,000	-0,000	-0,000	-0,000
ET	-0,000	-0,000	-0,000	-0,000	10,400	-0,000	-0,000	-0,000	-0,000	-0,000

TRIBUTARY B-2

X1	2,500	15,000	240,000	260,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	725,000	55,000	716,300	100,000	706,400	150,000	699,100	200,000	699,800	240,000
GR	695,900	242,000	694,600	250,000	695,800	258,000	699,000	260,000	700,500	270,000
GR	703,800	289,000	704,700	300,000	708,800	330,000	715,400	350,000	725,000	384,000
QT	5,000	710,000	1110,000	1300,000	1300,000	1850,000	-0,000	-0,000	-0,000	-0,000

X1	10,000	14,000	142,000	158,000	750,000	750,000	750,000	-0,000	-0,000	-0,000
GR	735,700	0,000	719,000	50,000	714,400	65,000	712,600	100,000	714,900	142,000
GR	711,500	145,000	711,000	150,000	711,700	155,000	715,200	158,000	715,500	169,000
GR	719,700	181,000	721,000	200,000	726,800	228,000	732,300	250,000	-0,000	-0,000

X1	19,000	13,000	343,000	357,000	900,000	900,000	900,000	-0,000	-0,000	-0,000
GR	737,500	0,000	723,300	100,000	719,900	200,000	720,600	300,000	722,600	343,000
GR	716,300	345,000	716,000	350,000	716,600	355,000	723,900	357,000	725,700	400,000

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T1 SHELBY NC
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY B-2 50-YR Q

J1	YCHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	3.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	712,200	-0.000
J2	NPROF	IPLLOT	PRFVS	X8ECV	XSECH	FN	ALLDC	IRW	CHNIM	TTRACE
	2,000	-0.000	-0.000	5,000	50,000	-0.000	-0.000	-0.000	-0.000	-0.000

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T1 SHELBY NC
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY B=2 100-YR 0

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	WVINS	Q	WSEL	FQ
	-0.	4.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	714.400	-0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	3.000	-0.000	-0.000	5.000	50.000	-0.000	-0.000	-0.000	-0.000	-0.000

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T1 SHELBY NC
 T2 FLOOD INSURANCE STUDY
 T3 TRIBUTARY B-2 500-YR Q

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	WVINS	Q	WSEL	FQ
	-0.	0.	-0.	-0.	-0.000000	-0.00	-0.0	-0.	720,800	-0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	ITRACE
	15,000	-0,000	-0,000	5,000	50,000	-0,000	-0,000	-0,000	-0,000	-0,000

SUMMARY PRINTOUT

TRIBUTARY B-2 10-YR 0

SECNO	ELENC	ELTRD	ELLC	ELMTN	Q	CWSFL	CRWS	EG	TOPWD	SSTA	ENDST	SECNO
2.50	0.00	0.00	0.00	694.60	850.00	707.50	0.00	707.51	176.04	144.44	320.49	2.50
2.50	0.00	0.00	0.00	694.60	1400.00	712.20	0.00	712.21	219.60	120.71	340.30	2.50
2.50	0.00	0.00	0.00	694.60	1650.00	714.40	0.00	714.41	237.37	109.60	346.97	2.50
2.50	0.00	0.00	0.00	694.60	2370.00	720.80	0.00	720.81	292.40	76.72	349.13	2.50
*	10.00	0.00	0.00	711.00	710.00	714.54	714.54	715.19	85.91	64.56	157.43	10.00
*	10.00	0.00	0.00	711.00	1110.00	715.04	715.04	715.82	94.97	62.90	157.87	10.00
*	10.00	0.00	0.00	711.00	1300.00	715.25	715.25	716.09	97.51	62.24	159.75	10.00
10.00	0.00	0.00	0.00	711.00	1850.00	720.78	0.00	720.85	152.05	44.68	196.73	10.00
19.00	0.00	0.00	0.00	716.00	710.00	721.72	0.00	721.82	191.04	146.30	356.40	19.00
19.00	0.00	0.00	0.00	716.00	1110.00	722.20	0.00	722.30	215.90	132.10	356.54	19.00
19.00	0.00	0.00	0.00	716.00	1300.00	722.40	0.00	722.54	225.82	126.43	356.59	19.00
*	19.00	0.00	0.00	716.00	1850.00	721.66	721.66	722.46	187.68	148.21	356.39	19.00
*	25.60	0.00	0.00	725.50	650.00	728.94	728.94	730.34	24.93	87.33	112.26	25.60
*	25.60	0.00	0.00	725.50	970.00	729.83	729.83	731.58	26.44	86.39	112.84	25.60
*	25.60	0.00	0.00	725.50	1150.00	730.27	730.27	732.20	27.63	85.50	113.13	25.60
25.60	0.00	0.00	0.00	725.50	1600.00	732.90	0.00	733.91	52.99	66.95	119.94	25.60
33.00	0.00	0.00	0.00	733.90	650.00	738.79	0.00	738.94	159.62	99.10	258.73	33.00
33.00	0.00	0.00	0.00	733.90	970.00	739.24	0.00	739.43	167.19	97.10	264.29	33.00
33.00	0.00	0.00	0.00	733.90	1150.00	739.48	0.00	739.68	171.17	96.04	267.21	33.00
33.00	0.00	0.00	0.00	733.90	1600.00	739.68	0.00	740.00	174.65	95.12	269.77	33.00
38.50	0.00	0.00	0.00	739.10	650.00	745.26	0.00	745.51	112.11	101.43	213.54	38.50
38.50	0.00	0.00	0.00	739.10	970.00	745.72	0.00	746.02	129.03	85.15	214.18	38.50
38.50	0.00	0.00	0.00	739.10	1150.00	745.91	0.00	746.25	136.25	78.20	214.45	38.50
38.50	0.00	0.00	0.00	739.10	1600.00	746.61	0.00	746.92	165.52	53.13	218.64	38.50
39.00	0.00	0.00	0.00	739.70	650.00	745.51	0.00	745.92	99.22	113.82	213.05	39.00
39.00	0.00	0.00	0.00	739.70	970.00	746.01	0.00	746.46	117.61	96.13	213.75	39.00
39.00	0.00	0.00	0.00	739.70	1150.00	746.23	0.00	746.70	125.78	88.27	214.06	39.00
39.00	0.00	0.00	0.00	739.70	1600.00	746.86	0.00	747.30	149.12	65.82	214.94	39.00
*	39.20	0.00	749.00	745.80	739.70	750.20	750.20	750.85	94.67	66.54	161.21	39.20
*	39.20	0.00	749.00	745.80	739.70	750.59	750.59	751.32	108.08	55.77	163.85	39.20
*	39.20	0.00	749.00	745.80	739.70	750.76	750.76	751.55	113.80	51.17	164.97	39.20
*	39.20	0.00	749.00	745.80	739.70	751.14	751.14	752.05	122.92	44.67	167.59	39.20
39.60	0.00	749.00	745.80	739.70	650.00	751.05	0.00	751.21	121.01	46.00	167.01	39.60
39.60	0.00	749.00	745.80	739.70	970.00	751.50	0.00	751.72	131.13	38.95	170.08	39.60
39.60	0.00	749.00	745.80	739.70	1150.00	751.73	0.00	751.97	136.03	35.54	171.57	39.60
39.60	0.00	749.00	745.80	739.70	1600.00	752.19	0.00	752.50	146.39	28.32	174.71	39.60
39.90	0.00	0.00	0.00	741.10	650.00	751.24	0.00	751.26	201.64	21.36	223.00	39.90
39.90	0.00	0.00	0.00	741.10	970.00	751.74	0.00	751.78	207.31	18.43	225.74	39.90
39.90	0.00	0.00	0.00	741.10	1150.00	752.00	0.00	752.04	210.18	16.94	227.12	39.90
39.90	0.00	0.00	0.00	741.10	1600.00	752.52	0.00	752.59	216.12	13.87	229.99	39.90
40.40	0.00	0.00	0.00	741.70	650.00	751.24	0.00	751.26	194.95	24.82	219.77	40.40
40.40	0.00	0.00	0.00	741.70	970.00	751.75	0.00	751.78	200.65	21.87	222.52	40.40
40.40	0.00	0.00	0.00	741.70	1150.00	752.01	0.00	752.05	203.53	20.38	223.92	40.40
40.40	0.00	0.00	0.00	741.70	1600.00	752.54	0.00	752.60	209.50	17.29	226.80	40.40

SECNO	ELENCL	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOPWID	SSTA	ENDST	SECNO
44.00	0.00	0.00	0.00	745.30	650.00	751.17	0.00	751.54	125.93	19.58	145.51	44.00
44.00	0.00	0.00	0.00	745.30	970.00	751.71	0.00	752.11	153.76	10.98	164.74	44.00
44.00	0.00	0.00	0.00	745.30	1150.00	751.99	0.00	752.39	164.23	10.58	174.81	44.00
44.00	0.00	0.00	0.00	745.30	1600.00	752.57	0.00	752.98	185.72	9.75	195.47	44.00
* 48.10	0.00	0.00	0.00	751.80	440.00	756.63	756.63	757.17	66.16	89.27	155.43	48.10
* 48.10	0.00	0.00	0.00	751.80	650.00	756.97	756.97	757.62	73.56	86.11	159.67	48.10
* 48.10	0.00	0.00	0.00	751.80	780.00	757.15	757.15	757.8A	77.62	84.37	161.99	48.10
* 48.10	0.00	0.00	0.00	751.80	1070.00	757.53	757.53	758.3A	86.03	80.78	166.81	48.10
* 48.60	0.00	0.00	0.00	752.80	440.00	757.59	757.59	758.17	65.32	89.68	155.00	48.60
* 48.60	0.00	0.00	0.00	752.80	650.00	757.91	757.91	758.63	72.24	86.67	158.91	48.60
* 48.60	0.00	0.00	0.00	752.80	780.00	758.0A	758.0A	758.8A	76.02	85.06	161.0A	48.60
* 48.60	0.00	0.00	0.00	752.80	1070.00	758.42	758.42	759.39	83.64	81.80	165.44	48.60
* 48.80	0.00	765.70	758.80	753.70	440.00	766.79	766.79	767.27	122.16	115.05	237.21	48.80
* 48.80	0.00	765.70	758.80	753.70	650.00	767.13	767.13	767.5A	145.85	105.02	250.86	48.80
* 48.80	0.00	765.70	758.80	753.70	780.00	767.27	767.27	767.74	154.11	100.75	254.86	48.80
* 48.80	0.00	765.70	758.80	753.70	1070.00	767.51	767.51	768.07	164.66	95.72	261.3A	48.80
49.40	0.00	765.70	758.80	753.70	440.00	767.42	0.00	767.53	160.83	98.10	258.93	49.40
49.40	0.00	765.70	758.80	753.70	650.00	767.67	0.00	767.83	171.84	94.14	265.98	49.40
49.40	0.00	765.70	758.80	753.70	780.00	767.81	0.00	768.00	178.01	91.92	269.93	49.40
49.40	0.00	765.70	758.80	753.70	1070.00	768.12	0.00	768.36	191.61	87.02	278.63	49.40
49.60	0.00	0.00	0.00	755.00	440.00	767.56	0.00	767.57	181.68	35.87	217.55	49.60
49.60	0.00	0.00	0.00	755.00	650.00	767.86	0.00	767.88	190.00	32.16	222.16	49.60
49.60	0.00	0.00	0.00	755.00	780.00	768.04	0.00	768.05	194.74	30.05	224.79	49.60
49.60	0.00	0.00	0.00	755.00	1070.00	768.40	0.00	768.43	204.49	25.70	230.19	49.60
50.10	0.00	0.00	0.00	756.00	440.00	767.56	0.00	767.57	154.34	48.06	202.41	50.10
50.10	0.00	0.00	0.00	756.00	650.00	767.86	0.00	767.88	162.67	44.35	207.02	50.10
50.10	0.00	0.00	0.00	756.00	780.00	768.04	0.00	768.06	167.42	42.23	209.65	50.10
50.10	0.00	0.00	0.00	756.00	1070.00	768.40	0.00	768.43	177.33	37.81	215.14	50.10
51.00	0.00	0.00	0.00	759.00	440.00	767.55	0.00	767.59	101.59	80.93	182.52	51.00
51.00	0.00	0.00	0.00	759.00	650.00	767.84	0.00	767.92	106.51	77.79	184.30	51.00
51.00	0.00	0.00	0.00	759.00	780.00	768.01	0.00	768.11	109.37	75.96	185.33	51.00
51.00	0.00	0.00	0.00	759.00	1070.00	768.36	0.00	768.52	115.33	72.15	187.4A	51.00

SUMMARY PRINTOUT

TRIBUTARY B-2 10-YR Q

SECNO	CWSEL	VOL	DEPTH	VCH	QLOR	VLOB	RCH	VCH	QROR	VPOR	AREA	SECNO	
2.50	707.50	0.00	12.90	.76	490.50	.87	178.70	.76	180.80	.70	1042.04	2.50	
2.50	712.20	0.00	17.60	.61	810.92	.76	200.67	.61	388.41	.67	1981.26	2.50	
2.50	714.40	0.00	19.80	.56	952.05	.71	209.34	.56	488.61	.64	2483.93	2.50	
2.50	720.80	0.00	26.20	.46	1363.74	.60	230.03	.46	776.23	.56	4177.31	2.50	
*	10.00	714.54	9.92	3.54	6.97	431.99	6.12	278.00	6.97	0.00	0.00	110.41	10.00
*	10.00	715.04	18.41	4.04	6.98	776.38	7.12	333.62	6.98	0.00	0.00	156.87	10.00
*	10.00	715.25	22.90	4.25	7.02	942.02	7.52	357.97	7.02	.00	.05	176.30	10.00
10.00	720.78	43.38	9.78	1.65	1443.40	2.34	229.44	1.65	177.16	1.67	861.38	10.00	
19.00	721.72	13.89	5.72	2.95	523.55	2.49	186.45	2.95	0.00	0.00	273.54	19.00	
19.00	722.20	23.87	6.20	3.08	895.20	2.96	214.80	3.08	0.00	0.00	371.74	19.00	
19.00	722.40	29.00	6.40	3.13	1073.48	3.14	226.52	3.13	0.00	0.00	414.30	19.00	
*	19.00	721.66	54.97	5.66	8.16	1340.89	6.75	509.11	8.16	0.00	0.00	261.19	19.00
*	25.60	728.94	16.48	3.44	9.48	0.00	0.00	650.00	9.48	0.00	0.00	68.56	25.60
*	25.60	729.83	27.38	4.33	10.62	0.00	0.00	970.00	10.62	0.00	0.00	91.33	25.60
*	25.60	730.27	32.92	4.77	11.13	.00	.08	1150.00	11.13	0.00	0.00	103.30	25.60
25.60	732.90	58.51	7.40	8.29	126.69	4.92	1461.72	8.29	11.59	3.00	205.99	25.60	
33.00	738.79	18.86	4.89	3.38	521.94	3.00	127.65	3.38	.41	.73	212.17	33.00	
33.00	739.24	30.57	5.34	3.42	821.54	3.43	144.10	3.42	4.36	1.26	284.85	33.00	
33.00	739.48	36.56	5.58	3.42	988.99	3.61	152.27	3.42	8.74	1.47	324.39	33.00	
33.00	739.68	63.32	5.78	4.17	1388.83	4.56	194.01	4.17	17.16	1.97	359.81	33.00	
38.50	745.26	24.65	6.16	4.59	242.52	2.69	407.48	4.59	0.00	0.00	178.80	38.50	
38.50	745.72	38.25	6.62	5.14	467.53	3.44	502.47	5.14	0.00	0.00	233.73	38.50	
38.50	745.91	45.20	6.81	5.42	598.36	3.79	551.64	5.42	0.00	0.00	259.56	38.50	
38.50	746.61	74.05	7.51	5.18	997.09	4.02	602.48	5.18	.44	.77	364.85	38.50	
39.00	745.51	24.84	5.81	5.78	176.15	2.93	473.85	5.78	0.00	0.00	142.11	39.00	
39.00	746.01	38.50	6.31	6.23	399.31	3.83	570.69	6.23	0.00	0.00	195.82	39.00	
39.00	746.23	45.48	6.53	6.43	532.77	4.21	617.23	6.43	0.00	0.00	222.60	39.00	
39.00	746.86	74.44	7.16	6.20	925.36	4.62	674.64	6.20	0.00	0.00	309.01	39.00	
*	39.20	750.20	24.90	10.50	8.32	348.02	4.53	286.46	8.32	15.52	3.14	116.15	39.20
*	39.20	750.59	38.58	10.89	8.97	606.25	5.51	329.99	8.97	33.76	3.91	155.47	39.20
*	39.20	750.76	45.57	11.06	9.37	750.92	5.98	353.99	9.37	45.08	4.28	173.82	39.20
*	39.20	751.14	74.56	11.44	9.80	1130.49	6.91	392.80	9.80	76.71	4.91	219.29	39.20
39.60	751.05	25.05	11.35	4.27	432.32	2.70	189.07	4.27	28.61	1.99	213.64	39.60	
39.60	751.50	38.77	11.80	4.76	694.22	3.40	223.73	4.76	52.05	2.43	270.49	39.60	
39.60	751.73	45.79	12.03	4.97	843.03	3.73	240.26	4.97	66.71	2.64	299.67	39.60	
39.60	752.19	74.83	12.49	5.43	1215.89	4.35	277.51	5.43	106.60	3.08	364.92	39.60	
39.90	751.24	25.38	10.14	1.70	329.14	.69	252.62	1.70	68.24	.48	765.57	39.90	
39.90	751.74	39.16	10.64	2.23	501.56	.90	350.90	2.23	117.54	.67	868.35	39.90	
39.90	752.00	46.21	10.90	2.49	599.76	1.06	402.23	2.49	148.02	.77	921.47	39.90	
39.90	752.52	75.31	11.42	3.07	846.66	1.33	524.52	3.07	228.81	1.00	1033.75	39.90	
40.40	751.24	26.20	9.54	1.08	466.51	1.15	149.34	1.08	34.15	.33	647.88	40.40	
40.40	751.75	40.09	10.05	1.37	706.43	1.52	202.35	1.37	61.23	.45	747.87	40.40	
40.40	752.01	47.20	10.31	1.51	842.28	1.70	229.49	1.51	78.23	.51	799.56	40.40	
40.40	752.54	76.42	10.84	1.83	1182.69	2.11	293.66	1.83	123.64	.66	908.89	40.40	

SECNO	CWSEL	VOL	DEPTH	VCH	QLOR	VLOR	QCH	VCH	QPOR	VROR	AREA	SECNO
44.00	751.17	29.65	5.87	5.61	40.43	2.62	462.53	5.61	147.03	1.62	188.80	44.00
44.00	751.71	44.27	6.41	6.27	102.65	3.44	571.31	6.27	296.03	2.07	264.16	44.00
44.00	751.99	51.78	6.69	6.37	155.00	4.01	609.26	6.37	385.74	2.21	309.01	44.00
44.00	752.57	81.87	7.27	6.65	288.21	5.05	697.30	6.65	614.49	2.47	410.21	44.00
* 48.10	756.63	30.92	4.83	6.58	140.84	3.97	299.16	6.58	.00	.02	80.97	48.10
* 48.10	756.97	46.01	5.17	7.30	287.99	5.33	361.36	7.30	.65	.76	104.34	48.10
* 48.10	757.15	53.79	5.35	7.59	385.66	5.97	392.40	7.59	1.94	1.00	118.21	48.10
* 48.10	757.53	84.51	5.73	7.97	614.18	7.01	448.06	7.97	7.76	1.41	149.30	48.10
* 48.60	757.59	31.01	4.79	6.84	132.45	3.99	307.55	6.84	0.00	0.00	78.13	48.60
* 48.60	757.91	46.13	5.11	7.67	275.60	5.45	373.97	7.67	.43	.71	99.97	48.60
* 48.60	758.08	53.92	5.28	8.03	370.74	6.10	407.83	8.03	1.42	.98	112.64	48.60
* 48.60	758.42	84.67	5.62	8.57	593.28	7.33	470.62	8.57	6.10	1.42	140.14	48.60
* 48.80	766.79	31.06	13.09	7.55	84.42	4.76	182.62	7.55	172.96	2.71	105.72	48.80
* 48.80	767.13	46.18	13.43	7.53	165.05	5.43	194.80	7.53	290.15	3.06	151.07	48.80
* 48.80	767.27	53.99	13.57	7.70	214.04	5.81	204.85	7.70	361.11	3.31	172.64	48.80
* 48.80	767.51	84.75	13.81	8.15	339.14	7.02	226.45	8.15	504.41	3.76	210.12	48.80
49.40	767.42	31.13	13.72	3.72	127.46	2.90	114.39	3.72	198.15	1.59	199.14	49.40
49.40	767.67	46.27	13.97	4.27	214.67	3.77	136.68	4.27	298.64	1.96	241.33	49.40
49.40	767.81	54.09	14.11	4.51	271.58	4.20	147.47	4.51	360.95	2.14	266.20	49.40
49.40	768.12	84.88	14.42	4.79	405.79	4.90	164.20	4.79	500.00	2.42	324.13	49.40
49.60	767.56	31.36	12.56	.97	265.67	.54	132.12	.97	42.21	.20	836.81	49.60
49.60	767.86	46.53	12.86	1.34	397.42	.76	188.13	1.34	64.45	.28	893.36	49.60
49.60	768.04	54.36	13.04	1.55	480.04	.88	221.21	1.55	78.75	.33	926.73	49.60
49.60	768.40	85.18	13.40	1.99	666.70	1.14	291.38	1.99	111.92	.42	997.86	49.60
50.10	767.56	32.23	11.56	.72	305.67	.79	89.38	.72	44.94	.29	668.85	50.10
50.10	767.86	47.46	11.86	.98	455.77	1.09	125.45	.98	68.77	.40	717.12	50.10
50.10	768.04	55.32	12.04	1.12	549.54	1.26	146.40	1.12	84.06	.46	745.77	50.10
50.10	768.40	86.22	12.40	1.41	760.56	1.61	189.95	1.41	119.49	.59	808.29	50.10
51.00	767.55	33.22	8.55	1.82	246.20	1.70	160.80	1.82	33.00	.62	286.73	51.00
51.00	767.84	48.53	8.84	2.40	378.31	2.30	220.83	2.40	50.87	.84	316.83	51.00
51.00	768.01	56.44	9.01	2.71	463.01	2.64	254.55	2.71	62.44	.96	334.97	51.00
51.00	768.36	87.44	9.36	3.28	657.93	3.28	322.64	3.28	89.43	1.18	374.31	51.00

POSSIBLE ERROR SECNO= 10.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 10.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 10.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 10.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 10.00 PROFILE= 3 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 10.00 PROFILE= 3 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 19.00 PROFILE= 4 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 19.00 PROFILE= 4 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 25.60 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 25.60 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 25.60 PROFILE= 2 CRITICAL DEPTH ASSUMED

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,0A,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

*Hickory Creek
 To ...*

*Mr. Borey
 443-5211*

***** AS OF 7 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL FALL AT THE ENCROACHMENT STATION WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY, N.C. SPEC. F.P.T. REPORT + FLD. INS. STUDY. 2, 10, 50, 100, 500 YR. S.P. FLD
 T2EVENTS, WILL INCLUDE METHOD 4 FLOWY, JFT. FOR 100 YR. EVENT. H.F.C. 2 C.F.K. SARGE
 T3 HICKORY CR. + TRIBS. 1+2 HICKORY CR. 102+00-345+70, TRIP. 1 3+30-54+25 YR. FLD

J1	ICHECK	ING	WINV	IDIR	STAT	METRIC	HYINS	Q	SEL	FR
	-1.	2.	-0.	-0.	.002800	-0.00	-1.0	-0.	698.000	-0.000
J2	KPROF	IPILOT	PREVS	YSECV	YSECH	FR	ALLDC	IPR	LNTH	ITRACE
	1.000	-0.000	5.000	-0.000	83.333	-0.000	-0.000	-0.000	-0.000	-0.000
J3	-3.000	31.000	40.000	41.000	42.000	43.000	1.000	2.000	3.000	4.000
J3	53.000	54.000	38.000	38.000	1.000	7.000	8.000	26.000	13.000	55.000
J3	14.000	26.000	15.000	56.000	25.000	34.000	-0.000	-0.000	-0.000	-0.000
NC	.138	.138	.086	.300	.500	-0.000	-0.000	-0.000	-0.000	-0.000
QT	7.000	1070.000	2600.000	5000.000	6300.000	10800.000	12400.000	6300.000	-0.000	-0.000
ET	2.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	10.400	-0.000	-0.000
X1	141.000	12.000	574.000	675.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
GR	710.000	90.000	698.600	400.000	693.900	460.000	696.900	500.000	697.000	550.000
GR	698.000	574.000	688.600	585.000	688.900	605.000	688.600	450.000	698.500	675.000
GR	703.500	700.000	710.000	810.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	142.000	12.000	574.000	675.000	100.000	100.000	100.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	702.700	702.700	-0.000
GR	710.000	90.000	698.600	400.000	693.900	460.000	696.900	500.000	697.000	550.000
GR	698.100	574.000	688.600	585.000	688.900	605.000	688.600	450.000	698.500	675.000
GR	703.500	700.000	710.000	810.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
SB	1.050	1.500	2.500	-0.000	47.000	2.000	653.000	1.830	687.800	687.800
X1	143.000	20.000	350.000	445.000	100.000	100.000	100.000	-0.000	-0.000	-0.000
X2	-0.000	-0.000	1.000	701.240	702.700	-0.000	-0.000	-0.000	.640	-0.000
X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	702.700	702.700	-0.000
BT	8.000	50.000	710.500	-0.000	150.000	705.250	-0.000	250.000	702.100	-0.000

BT	350,000	702,700	-0,000	352,500	702,700	699,700	445,000	704,000	701,240	450,000
BT	704,000	-0,000	558,000	710,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	710,000	11,000	706,000	50,000	700,800	100,000	697,800	150,000	696,000	200,000
GR	698,900	250,000	700,000	295,000	702,000	325,000	698,000	350,000	697,500	352,500
GR	693,000	372,000	688,500	386,000	688,000	400,000	688,400	415,000	693,900	430,000
GR	695,500	445,000	696,100	450,000	699,000	475,000	699,600	550,000	710,000	558,000
XI	140,000	13,000	235,000	280,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
GR	710,000	70,000	696,800	120,000	696,000	150,000	693,500	154,000	697,000	160,000
GR	698,200	200,000	696,250	235,000	690,000	240,000	668,600	257,000	689,250	270,000
GR	695,500	280,000	700,000	310,000	710,000	330,000	-0,000	-0,000	-0,000	-0,000
XI	147,500	14,000	557,000	606,000	350,000	350,000	350,000	-0,000	-0,000	-0,000
GR	710,000	85,000	698,900	115,000	697,100	200,000	697,400	300,000	699,000	400,000
GR	699,400	500,000	699,100	557,000	690,900	570,000	690,000	588,000	690,600	600,000
GR	697,500	606,000	698,000	623,000	700,000	630,000	710,000	675,000	-0,000	-0,000
XI	153,300	11,000	240,000	267,000	580,000	580,000	580,000	-0,000	-0,000	-0,000
GR	710,000	65,000	699,600	130,000	699,500	200,000	699,900	240,000	699,600	255,000
GR	691,000	267,000	691,900	280,000	699,000	287,000	700,400	340,000	699,100	400,000
GR	710,000	550,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
XI	159,300	9,000	122,000	217,000	600,000	600,000	600,000	-0,000	-0,000	-0,000
GR	715,000	0,000	703,400	28,000	697,800	122,000	693,100	127,000	692,900	170,000
GR	694,700	200,000	701,000	217,000	704,600	255,000	714,600	280,000	-0,000	-0,000
XI	159,800	12,000	72,000	380,000	50,000	50,000	50,000	-0,000	-0,000	-0,000
GR	720,000	72,000	703,500	110,000	700,600	128,000	699,500	155,000	700,000	164,000
GR	699,000	174,000	695,000	214,000	692,900	256,000	697,000	297,000	705,000	339,000
GR	715,000	367,000	722,700	380,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
XI	160,300	11,000	127,000	228,000	50,000	50,000	50,000	-0,000	-0,000	-0,000
GR	715,300	0,000	704,200	28,000	700,900	50,000	698,500	100,000	698,200	127,000
GR	693,200	131,000	693,800	180,000	693,900	215,000	701,100	228,000	702,700	248,000
GR	715,500	290,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	1040,000	2550,000	4900,000	6200,000	10100,000	12000,000	6700,000	-0,000	-0,000
XI	163,000	12,000	312,000	365,000	270,000	270,000	270,000	-0,000	-0,000	-0,000
GR	710,000	82,000	702,600	130,000	701,100	165,000	701,000	200,000	703,300	312,000
GR	694,000	328,000	693,500	340,000	694,000	357,000	702,900	365,000	702,000	400,000
GR	703,000	442,000	710,000	505,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
XI	168,000	11,000	325,000	372,000	500,000	500,000	500,000	-0,000	-0,000	-0,000
GR	710,000	90,000	704,100	137,000	703,100	175,000	704,200	300,000	704,000	325,000
GR	695,100	332,000	694,500	355,000	694,500	367,000	703,900	372,000	704,000	410,000
GR	710,000	720,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	900,000	2500,000	4300,000	5400,000	9000,000	10600,000	5400,000	-0,000	-0,000
XI	166,000	9,000	230,000	324,000	1800,000	1800,000	1800,000	-0,000	-0,000	-0,000
GR	720,000	60,000	708,500	150,000	710,400	200,000	710,100	230,000	700,100	260,000
GR	700,100	300,000	700,000	315,000	710,500	324,000	720,000	328,000	-0,000	-0,000
XI	194,000	8,000	170,000	231,000	800,000	800,000	800,000	-0,000	-0,000	-0,000
GR	720,000	90,000	711,500	118,000	712,500	170,000	703,000	187,000	703,600	220,000
GR	712,800	231,000	714,600	350,000	720,000	372,000	-0,000	-0,000	-0,000	-0,000

X1	200,500	10,000	149,000	190,000	650,000	650,000	650,000	-0,000	-0,000	-0,000
GR	725,000	68,000	714,600	138,000	715,100	149,000	704,900	167,000	704,400	170,000
GR	705,000	179,000	714,500	190,000	714,400	290,000	717,400	388,000	725,000	400,000
X1	210,500	9,000	153,000	230,000	1000,000	1000,000	1000,000	-0,000	-0,000	-0,000
GR	730,000	65,000	724,000	100,000	721,250	115,000	718,000	153,000	707,600	172,000
GR	708,250	217,000	719,500	230,000	720,100	240,000	730,000	285,000	-0,000	-0,000
X1	218,000	10,000	350,000	399,000	750,000	750,000	750,000	-0,000	-0,000	-0,000
GR	730,000	58,000	721,500	140,000	719,000	140,000	719,000	250,000	722,400	350,000
GR	711,300	362,000	711,500	386,000	721,700	399,000	720,900	437,000	730,000	522,000
X1	225,000	11,000	324,000	370,000	700,000	700,000	700,000	-0,000	-0,000	-0,000
GR	735,000	83,000	723,500	113,000	723,000	150,000	723,000	250,000	724,600	324,000
GR	715,000	335,000	714,500	350,000	715,000	362,000	724,500	370,000	725,900	385,000
GR	735,000	430,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	232,500	9,000	240,000	303,000	750,000	750,000	750,000	-0,000	-0,000	-0,000
GR	740,000	28,000	728,000	135,000	727,900	163,000	725,000	200,000	726,600	240,000
GR	718,500	250,000	718,500	292,000	726,600	303,000	740,000	320,000	-0,000	-0,000
NC	,092	,092	,069	,300	,500	-0,000	-0,000	-0,000	-0,000	-0,000
BT	7,000	850,000	2100,000	4000,000	5000,000	8300,000	9400,000	5000,000	-0,000	-0,000
X1	240,000	8,000	168,000	237,000	750,000	750,000	750,000	-0,000	-0,000	-0,000
GR	740,000	62,000	730,000	130,000	729,600	168,000	718,900	189,000	718,900	200,000
GR	719,500	218,000	729,500	237,000	740,000	420,000	-0,000	-0,000	-0,000	-0,000
NC	,092	,092	,040	,600	,800	-0,000	-0,000	-0,000	-0,000	-0,000
X1	242,300	10,000	260,000	340,000	230,000	230,000	230,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	741,700	741,700	-0,000
GR	746,500	0,000	733,000	200,000	730,600	250,000	728,000	260,000	721,200	270,000
GR	719,000	290,000	719,500	305,000	739,000	340,000	739,000	350,000	745,000	432,000
SB	-0,000	1,500	2,500	-0,000	38,000	-0,000	200,000	-0,000	719,590	719,590
X1	243,300	14,000	267,000	307,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	737,900	741,700	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	741,700	741,700	-0,000
X4	1,000	719,600	306,990	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
BT	12,000	0,000	750,900	-0,000	50,000	748,000	-0,000	100,000	745,900	-0,000
BT	150,000	744,000	-0,000	200,000	742,900	-0,000	250,000	742,000	-0,000	267,000
BT	741,900	737,890	307,000	741,700	737,890	350,000	741,900	-0,000	400,000	742,300
BT	-0,000	450,000	742,500	-0,000	535,000	745,000	-0,000	-0,000	-0,000	-0,000
GR	750,800	0,000	728,000	50,000	745,900	100,000	744,000	150,000	742,900	200,000
GR	742,000	250,000	741,900	267,000	720,000	267,000	719,000	294,000	741,700	307,000
GR	741,900	350,000	742,300	400,000	742,500	450,000	745,000	535,000	-0,000	-0,000
SB	1,250	1,500	2,500	-0,000	43,000	2,000	645,000	-0,000	718,500	718,500
X1	245,300	10,000	106,000	150,000	200,000	200,000	200,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	734,400	741,600	-0,000	-0,000	-0,000	,780	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	741,600	741,600	-0,000
BT	8,000	0,000	746,000	-0,000	106,000	743,400	734,400	150,000	742,600	734,400
BT	200,000	742,000	-0,000	250,000	741,600	-0,000	300,000	741,600	-0,000	450,000
BT	743,000	-0,000	600,000	746,500	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	745,000	0,000	743,500	106,000	718,000	106,000	718,500	150,000	742,500	150,000
GR	742,000	200,000	741,600	250,000	741,600	300,000	743,000	450,000	746,500	600,000
BT	7,000	790,000	2000,000	3700,000	4700,000	7800,000	9400,000	4700,000	-0,000	-0,000

X1	248,000	9,000	244,000	289,000	270,000	270,000	270,000	-0,000	-0,000	-0,000
GR	740,000	88,000	731,900	114,000	730,600	150,000	730,400	200,000	728,100	244,000
GR	721,100	252,000	721,200	280,000	731,600	289,000	740,000	410,000	-0,000	-0,000
NC	.138	.138	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	253,800	8,000	226,000	296,000	580,000	580,000	580,000	-0,000	-0,000	-0,000
GR	740,000	51,000	733,200	226,000	722,000	240,000	722,200	278,000	727,100	296,000
GR	729,900	335,000	734,300	355,000	740,000	430,000	-0,000	-0,000	-0,000	-0,000
X1	263,000	10,000	115,000	158,000	920,000	920,000	920,000	-0,000	-0,000	-0,000
GR	740,600	0,000	735,700	35,000	735,500	70,000	735,100	115,000	727,900	123,000
GR	724,700	155,000	756,100	158,000	735,700	250,000	740,000	330,000	743,800	425,000
X1	264,700	11,000	105,000	180,000	170,000	170,000	170,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	745,000	745,000	-0,000
GR	750,900	0,000	745,400	50,000	735,000	105,000	727,400	113,000	726,900	140,000
GR	727,400	157,000	736,500	180,000	738,400	200,000	740,300	250,000	747,000	300,000
GR	750,300	350,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
SB	-0,000	1,500	2,500	-0,000	45,000	-0,000	713,000	-0,000	726,500	726,500
X1	265,300	9,000	116,000	159,000	60,000	60,000	60,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	743,600	745,000	-0,000	-0,000	-0,000	.900	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	745,000	745,000	-0,000
BT	4,000	0,000	750,600	-0,000	116,000	745,000	743,400	159,000	745,200	743,600
BT	400,000	750,200	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	750,600	0,000	745,000	116,000	728,000	115,000	726,500	123,000	726,700	135,000
GR	727,000	140,000	731,000	159,000	745,200	159,000	750,300	400,000	-0,000	-0,000
X1	267,000	11,000	145,000	169,000	170,000	170,000	170,000	-0,000	-0,000	-0,000
GR	742,200	0,000	736,800	37,000	736,300	78,000	738,800	145,000	728,200	150,000
GR	725,600	160,000	735,300	189,000	735,300	255,000	737,700	265,000	741,500	400,000
GR	758,000	500,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GT	7,000	720,000	1500,000	3400,000	4300,000	7100,000	8500,000	4300,000	-0,000	-0,000
X1	276,000	12,000	462,000	508,000	900,000	900,000	900,000	-0,000	-0,000	-0,000
GR	750,000	50,000	743,000	250,000	740,600	277,000	740,900	300,000	739,400	400,000
GR	740,200	462,000	731,000	479,000	729,500	490,000	729,500	505,000	741,300	508,000
GR	740,600	570,000	750,000	605,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
NC	.052	.138	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	285,500	7,000	123,000	165,000	950,000	950,000	950,000	-0,000	-0,000	-0,000
GR	750,000	75,000	743,200	123,000	733,300	132,000	732,400	152,000	738,000	165,000
GR	742,600	215,000	750,000	360,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
NC	.052	.052	.086	.600	.800	-0,000	-0,000	-0,000	-0,000	-0,000
X1	287,200	11,000	83,000	142,000	170,000	170,000	170,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	758,110	758,110	-0,000
GR	761,300	0,000	758,000	50,000	744,300	75,000	742,800	63,000	733,900	95,000
GR	734,400	132,000	742,900	142,000	743,000	150,000	743,900	200,000	750,100	300,000
GR	762,000	442,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
SB	1,250	1,500	2,500	-0,000	28,000	6,000	1479,000	2,000	734,200	734,200
X1	288,000	18,000	448,000	568,000	60,000	60,000	60,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	757,330	758,110	-0,000	-0,000	-0,000	.980	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	758,110	758,110	-0,000
BT	6,000	0,000	763,700	-0,000	400,000	758,700	-0,000	448,000	758,110	757,330

BT	568,000	758,110	757,330	650,000	758,100	-0,000	850,300	762,500	-0,000	-0,000
GR	763,700	0,000	760,000	110,000	745,000	185,000	743,900	225,000	744,900	275,000
GR	750,100	325,000	743,700	375,000	743,800	400,000	740,000	430,000	744,100	448,000
GR	744,100	455,000	734,700	460,000	735,100	504,000	740,000	525,000	743,300	568,000
GR	747,000	650,000	755,000	760,000	760,200	850,000	-0,000	-0,000	-0,000	-0,000
NC	.052	.052	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	470,000	1800,000	2300,000	2800,000	4800,000	5800,000	2400,000	-0,000	-0,000
X1	289,500	14,000	157,000	272,000	150,000	150,000	150,000	-0,000	-0,000	-0,000
GR	760,000	22,000	745,000	130,000	744,700	157,000	734,500	165,000	735,400	182,000
GR	744,300	187,000	743,700	232,000	735,000	240,000	734,900	255,000	734,250	260,000
GR	745,000	272,000	743,900	350,000	745,800	400,000	760,000	635,000	-0,000	-0,000
NC	.052	.063	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	294,000	10,000	265,000	300,000	450,000	450,000	450,000	-0,000	-0,000	-0,000
GR	760,000	20,000	744,600	175,000	743,700	200,000	744,100	265,000	738,000	273,000
GR	737,000	278,000	736,500	264,000	746,100	300,000	747,100	318,000	760,000	370,000
X1	297,300	9,000	197,000	234,000	330,000	330,000	330,000	-0,000	-0,000	-0,000
GR	760,000	10,000	747,600	132,000	746,500	197,000	738,400	202,000	737,600	211,000
GR	739,100	221,000	744,600	234,000	747,300	245,000	760,000	430,000	-0,000	-0,000
X1	290,200	10,000	155,000	200,000	190,000	190,000	190,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	757,300	757,300	-0,000
GR	765,000	7,000	748,500	127,000	747,200	155,000	738,900	167,000	738,500	172,000
GR	739,500	183,000	745,200	200,000	746,800	225,000	752,600	251,000	765,000	400,000
SB	-0,000	1,500	2,500	-0,000	20,000	-0,000	525,000	-0,000	741,200	741,200
X1	299,800	12,000	93,000	149,000	60,000	60,000	60,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	750,600	757,300	-0,000	-0,000	-0,000	.930	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	757,300	757,300	-0,000
BT	5,000	0,000	765,300	-0,000	93,000	758,700	754,600	149,000	757,300	753,300
BT	200,000	758,500	-0,000	285,000	765,200	-0,000	-0,000	-0,000	-0,000	-0,000
GR	765,300	0,000	764,600	45,000	759,000	75,000	749,000	93,000	740,900	106,000
GR	741,400	144,000	744,700	149,000	748,000	155,000	748,700	195,000	749,000	200,000
GR	755,800	285,000	765,000	378,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	302,000	10,000	202,000	250,000	220,000	220,000	220,000	-0,000	-0,000	-0,000
GR	760,000	40,000	751,000	122,500	749,500	150,000	749,500	202,000	742,500	212,000
GR	741,700	227,000	742,000	236,000	750,000	250,000	749,500	300,000	760,000	432,000
X1	308,000	14,000	230,000	275,000	600,000	600,000	600,000	-0,000	-0,000	-0,000
GR	760,000	31,000	753,900	75,000	752,900	110,000	752,500	150,000	752,400	230,000
GR	746,100	249,000	745,900	256,000	745,400	261,000	752,600	275,000	752,500	300,000
GR	752,600	350,000	754,400	400,000	755,300	450,000	760,000	502,000	-0,000	-0,000
X1	316,000	12,000	230,000	264,000	800,000	800,000	800,000	-0,000	-0,000	-0,000
GR	765,000	81,000	755,400	137,000	755,400	170,000	755,500	200,000	757,100	230,000
GR	747,900	238,000	748,100	245,000	748,100	253,000	756,800	264,000	757,000	300,000
GR	756,700	355,000	765,000	411,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	321,500	10,000	148,000	192,000	550,000	550,000	550,000	-0,000	-0,000	-0,000
GR	765,000	81,000	756,900	135,000	758,100	145,000	750,500	155,000	750,000	167,000
GR	750,200	178,000	758,600	192,000	756,800	250,000	757,000	290,000	765,000	312,000
X1	323,500	12,000	144,000	187,000	200,000	200,000	200,000	-0,000	-0,000	-0,000

X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	773,200	773,200	-0,000
GR	775,000	5,000	770,000	45,000	765,000	70,000	764,400	100,000	758,800	144,000
GR	751,000	160,000	750,600	169,000	750,600	178,000	758,500	187,000	759,000	200,000
GR	761,400	300,000	775,000	392,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
SB	-0,000	1,500	2,500	-0,000	27,000	-0,000	398,000	-0,000	750,700	750,700
X1	324,500	15,000	162,000	189,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	766,500	773,200	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	773,200	773,200	-0,000
BT	8,000	0,000	777,700	-0,000	100,000	774,100	-0,000	162,000	773,200	766,500
BT	189,000	773,200	766,500	200,000	773,200	-0,000	250,000	774,200	-0,000	300,000
BT	776,000	-0,000	325,000	777,300	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	777,700	0,000	775,000	25,000	770,000	46,000	765,000	95,000	760,900	117,000
GR	758,800	162,000	753,800	162,000	750,600	189,000	760,000	189,000	759,700	210,000
GR	759,000	260,000	760,400	291,000	763,300	310,000	770,000	325,000	775,000	350,000
BT	7,000	420,000	1070,000	2000,000	2500,000	4200,000	5000,000	2500,000	-0,000	-0,000
X1	326,000	9,000	150,000	186,000	150,000	150,000	150,000	-0,000	-0,000	-0,000
GR	770,000	70,000	760,200	117,000	758,600	150,000	752,000	163,000	752,100	166,000
GR	751,200	173,000	759,100	186,000	759,100	200,000	770,000	258,000	-0,000	-0,000
X1	337,000	15,000	43,000	77,000	1100,000	1100,000	1100,000	-0,000	-0,000	-0,000
GR	770,500	0,000	765,800	32,000	765,700	43,000	759,700	45,000	759,200	55,000
GR	759,800	65,000	765,800	77,000	765,200	100,000	765,200	158,000	758,900	176,000
GR	765,400	190,000	765,000	250,000	765,100	300,000	766,400	350,000	770,100	363,000
X1	346,000	11,000	287,000	327,000	900,000	900,000	900,000	-0,000	-0,000	-0,000
GR	780,000	90,000	774,600	230,000	772,200	254,000	771,700	287,000	765,400	296,000
GR	764,100	320,000	771,100	327,000	770,700	350,000	770,600	400,000	773,100	450,000
GR	780,000	540,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
NC	.138	.063	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	352,000	8,000	190,000	269,000	600,000	600,000	600,000	-0,000	-0,000	-0,000
GR	780,000	70,000	772,900	190,000	766,300	200,000	768,400	230,000	768,100	253,000
GR	774,600	269,000	774,900	300,000	780,000	323,000	-0,000	-0,000	-0,000	-0,000
NC	.052	.052	.069	.600	.800	-0,000	-0,000	-0,000	-0,000	-0,000
X1	354,500	9,000	400,000	446,000	250,000	250,000	250,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	804,150	804,150	-0,000
GR	790,000	47,000	776,700	350,000	774,600	375,000	774,600	400,000	766,900	419,000
GR	767,200	423,000	767,500	434,000	774,600	446,000	809,000	505,000	-0,000	-0,000
SB	-0,000	1,500	2,500	400,000	30,000	-0,000	428,000	-0,000	766,000	766,000
X1	355,500	9,000	180,000	225,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	782,900	804,150	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	804,150	804,150	-0,000
GR	790,000	36,000	778,100	160,000	775,000	180,000	767,800	190,000	767,800	212,000
GR	774,100	225,000	774,000	250,000	779,200	300,000	789,100	345,000	-0,000	-0,000
NC	.100	.100	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	358,300	10,000	119,000	184,000	280,000	280,000	280,000	-0,000	-0,000	-0,000
GR	780,600	0,000	776,500	100,000	776,100	119,000	769,100	138,000	769,400	147,000
GR	770,900	158,000	775,600	184,000	776,500	200,000	777,500	250,000	780,000	290,000
X1	366,900	10,000	185,000	218,000	860,000	860,000	860,000	-0,000	-0,000	-0,000
GR	788,300	0,000	781,100	30,000	781,000	100,000	782,000	185,000	773,750	195,000
GR	773,000	201,000	773,100	205,000	782,100	218,000	781,100	255,000	790,000	315,000

	7,000	380,000	970,000	1800,000	2300,000	3800,000	4600,000	2300,000	-0,000	-0,000
X1	374,000	11,000	276,000	313,000	710,000	710,000	710,000	-0,000	-0,000	-0,000
GR	789,200	0,000	783,800	100,000	783,700	200,000	784,000	250,000	785,600	276,000
GR	778,000	285,000	777,600	295,000	778,400	305,000	785,100	313,000	785,800	327,000
GR	789,800	337,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	382,200	6,000	16,000	71,000	820,000	820,000	820,000	-0,000	-0,000	-0,000
GR	797,500	0,000	790,600	5,000	792,800	16,000	782,000	35,000	781,900	63,000
GR	787,800	71,000	769,400	100,000	796,800	180,000	-0,000	-0,000	-0,000	-0,000
X1	389,000	10,000	200,000	251,000	680,000	680,000	680,000	-0,000	-0,000	-0,000
GR	802,200	0,000	798,000	50,000	795,500	100,000	795,600	150,000	792,800	200,000
GR	788,000	222,000	787,900	242,000	792,500	251,000	797,600	285,000	802,600	310,000
X1	393,000	14,000	180,000	216,000	400,000	400,000	400,000	-0,000	-0,000	-0,000
GR	813,500	0,000	809,400	50,000	802,300	100,000	797,200	150,000	795,700	180,000
GR	790,700	183,000	790,200	194,000	790,700	204,000	747,700	216,000	799,100	250,000
GR	805,700	300,000	808,600	350,000	810,500	400,000	813,400	420,000	-0,000	-0,000
NC	.052	.100	.086	.600	.800	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	340,000	890,000	1700,000	2100,000	3500,000	4300,000	2100,000	-0,000	-0,000
X1	394,700	10,000	164,000	216,000	170,000	170,000	170,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	830,500	830,500	-0,000
GR	815,000	30,000	898,600	150,000	797,300	164,000	791,100	185,000	791,400	195,000
GR	791,100	200,000	796,000	216,000	798,000	250,000	802,000	100,000	815,000	362,000
SB	1,250	1,500	2,500	100,000	24,000	1,500	182,400	-0,000	791,600	791,600
X1	395,700	8,000	188,000	250,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	799,900	830,500	-0,000	-0,000	-0,000	.950	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	830,500	830,500	-0,000
GR	815,000	62,000	799,000	150,000	798,100	188,000	792,000	212,000	791,900	218,000
GR	792,100	228,000	800,100	250,000	815,000	335,000	-0,000	-0,000	-0,000	-0,000
NC	.052	.052	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
X1	-280,500	14,000	157,000	272,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	760,000	22,000	745,000	130,000	744,700	157,000	734,500	165,000	735,400	182,000
GR	744,300	187,000	743,700	232,000	735,000	240,000	734,900	255,000	734,250	260,000
GR	745,000	272,000	743,900	350,000	745,800	400,000	760,000	635,000	-0,000	-0,000
NC	.075	.075	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	420,000	1070,000	2000,000	2500,000	4200,000	5000,000	2500,000	-0,000	-0,000
X1	3,200	15,000	65,000	100,000	180,000	180,000	180,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	744,800	744,800	-0,000
GR	758,100	-0,000	745,100	65,000	735,100	68,000	735,400	77,000	736,400	84,000
GR	744,200	95,000	745,000	100,000	744,600	150,000	745,400	200,000	744,900	250,000
GR	745,100	300,000	746,500	350,000	746,600	400,000	750,000	460,000	760,000	677,000
SB	-0,000	1,500	2,500	-0,000	25,000	-0,000	245,000	-0,000	735,600	735,600
X1	4,200	16,000	11,000	52,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	745,200	744,800	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	744,800	744,800	-0,000
BT	10,000	0,000	749,800	-0,000	11,000	748,200	745,200	52,000	744,800	743,600
BT	100,000	745,200	-0,000	150,000	744,800	-0,000	200,000	746,000	-0,000	300,000
BT	746,200	-0,000	332,000	746,900	-0,000	378,000	750,000	-0,000	522,000	760,000
BT	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	749,800	0,000	748,000	7,500	744,500	11,000	735,800	20,000	735,600	28,000

GR	736,300	42,000	740,500	52,000	744,600	59,000	744,800	100,000	744,300	150,000
GR	744,300	200,000	744,400	250,000	744,700	300,000	746,900	332,000	750,000	378,000
GR	760,000	522,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
X1	9,000	13,000	135,000	160,000	480,000	480,000	480,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	747,200	747,200	-0,000
GR	760,000	10,000	750,000	35,000	747,100	50,000	745,400	100,000	746,000	135,000
GR	737,800	140,000	736,800	148,000	737,700	160,000	746,500	180,000	747,300	210,000
GR	750,700	250,000	755,000	275,000	760,000	295,000	-0,000	-0,000	-0,000	-0,000
SB	-0,000	1,500	2,500	-0,000	30,000	-0,000	788,000	-0,000	736,600	736,600
X1	10,000	19,000	230,000	285,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	746,300	747,200	-0,000	-0,000	-0,000	.930	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	747,200	747,200	-0,000
BT	9,000	32,000	760,000	-0,000	50,000	755,500	-0,000	100,000	747,800	-0,000
BT	150,000	747,200	-0,000	200,000	747,200	-0,000	230,000	749,000	746,300	270,000
BT	749,100	746,300	300,000	755,000	-0,000	330,000	760,000	-0,000	-0,000	-0,000
GR	760,000	32,000	760,000	50,000	760,000	60,000	755,000	100,000	750,000	120,000
GR	746,500	145,000	746,500	150,000	746,000	200,000	746,200	225,000	744,000	230,000
GR	737,800	245,000	736,900	255,000	737,400	270,000	743,000	280,000	746,200	285,000
GR	747,300	300,000	749,100	315,000	752,000	330,000	760,000	375,000	760,000	500,000
X1	15,000	9,000	173,000	212,000	500,000	500,000	500,000	-0,000	-0,000	-0,000
GR	760,000	15,000	754,700	86,000	746,700	150,000	746,500	173,000	741,800	161,000
GR	741,000	199,000	748,100	212,000	749,400	222,000	760,000	254,000	-0,000	-0,000
QT	7,000	400,000	1000,000	1950,000	2450,000	4000,000	4900,000	2450,000	-0,000	-0,000
X1	40,000	9,000	41,000	90,000	2500,000	2500,000	2500,000	-0,000	-0,000	-0,000
GR	766,300	0,000	760,400	21,000	760,000	41,000	752,300	50,000	752,300	85,000
GR	757,100	90,000	758,700	140,000	760,100	166,000	766,100	194,000	-0,000	-0,000
NC	.075	.075	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	260,000	700,000	1300,000	1600,000	2700,000	3300,000	1400,000	-0,000	-0,000
X1	50,300	0,000	53,000	83,000	1030,000	1030,000	1030,000	-0,000	-0,000	-0,000
GR	772,100	0,000	765,000	35,000	764,600	53,000	758,900	71,000	758,900	77,000
GR	764,200	83,000	765,200	101,000	772,100	150,000	-0,000	-0,000	-0,000	-0,000
X1	51,300	11,000	198,000	227,000	100,000	100,000	100,000	-0,000	-0,000	-0,000
GR	782,200	100,000	774,000	150,000	758,000	198,000	760,000	205,000	759,600	215,000
GR	760,700	220,000	768,000	227,000	771,500	250,000	772,000	300,000	773,000	350,000
GR	775,000	417,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
NC	.075	.075	.030	.600	.800	-0,000	-0,000	-0,000	-0,000	-0,000
X1	51,000	14,000	207,500	217,500	60,000	60,000	60,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	773,000	773,000	-0,000
GR	762,200	100,000	774,000	150,000	768,000	200,000	766,000	207,500	764,000	208,000
GR	761,700	210,000	761,000	212,500	761,700	215,500	764,000	217,000	766,000	217,500
GR	768,000	227,000	771,500	250,000	772,000	300,000	775,000	417,000	-0,000	-0,000
SB	1,250	1,500	2,500	-0,000	10,000	1,000	78,500	-0,000	761,000	761,000
X1	52,800	17,000	207,500	217,500	90,000	90,000	90,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	771,000	773,000	-0,000	-0,000	-0,000	.830	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	773,000	773,000	-0,000
BT	16,000	0,000	783,700	-0,000	100,000	777,300	-0,000	150,000	775,000	-0,000
BT	200,000	773,500	-0,000	207,500	773,500	766,000	208,000	773,500	768,000	210,000
BT	773,500	770,300	212,500	773,500	771,000	215,500	773,500	770,300	217,000	773,500
BT	768,000	217,500	773,500	766,000	250,000	773,000	-0,000	300,000	773,300	-0,000
BT	350,000	774,100	-0,000	390,000	775,500	-0,000	400,000	776,800	-0,000	-0,000

GR	779,400	0,000	779,500	50,000	768,500	100,000	765,900	150,000	764,500	200,000
GR	766,000	207,500	764,000	208,000	761,700	210,000	761,000	212,500	761,700	213,500
GR	764,000	217,000	766,000	217,500	766,300	250,000	767,900	300,000	771,000	350,000
GR	775,500	390,000	776,900	400,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000

X1	53,200	-0,000	-0,000	-0,000	40,000	40,000	40,000	-0,000	-0,000	-0,000
NC	.030	.030	.030	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000

X1	55,300	8,000	227,000	245,000	210,000	210,000	210,000	-0,000	-0,000	-0,000
GR	780,000	18,000	766,700	100,000	765,800	227,000	761,800	232,000	761,600	241,000
GR	765,400	245,000	770,300	300,000	778,500	350,000	-0,000	-0,000	-0,000	-0,000
NC	.100	.100	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000

X1	-389,000	10,000	200,000	251,000	0,000	0,000	0,000	-0,000	-0,000	-0,000
GR	802,200	0,000	798,000	50,000	795,500	100,000	795,600	150,000	792,800	200,000
GR	788,000	222,000	788,000	234,000	787,900	242,000	792,500	251,000	802,500	310,000
NC	.138	.138	.086	.300	.500	-0,000	-0,000	-0,000	-0,000	-0,000
QT	7,000	80,000	220,000	420,000	520,000	830,000	1,000,000	520,000	-0,000	-0,000

X1	-0,000	9,000	118,000	150,000	25,000	25,000	25,000	-0,000	-6,900	-0,000
GR	814,600	0,000	802,100	118,000	795,200	131,000	794,800	135,000	795,200	141,000
GR	800,000	150,000	801,100	161,000	804,700	190,000	809,000	250,000	-0,000	-0,000

X1	.250	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	.500	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	.750	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	1,000	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	1,250	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	1,500	-0,000	-0,000	-0,000	25,000	25,000	25,000	-0,000	.986	-0,000
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X1	2,000	13,000	138,000	142,000	50,000	50,000	50,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	827,500	827,500	-0,000
GR	814,600	0,000	802,100	118,000	797,900	138,000	796,500	138,500	796,000	139,500
GR	795,900	140,000	796,000	140,500	796,500	141,500	797,900	142,000	800,000	150,000
GR	801,100	161,000	804,700	190,000	809,000	250,000	-0,000	-0,000	-0,000	-0,000
SB	1,250	2,000	2,500	-0,000	4,000	1,000	12,000	-0,000	798,970	795,900
NC	.138	.138	.040	.600	.800	-0,000	-0,000	-0,000	-0,000	-0,000

X1	3,100	20,000	213,000	217,000	110,000	110,000	110,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	1,000	802,970	827,500	-0,000	-0,000	-0,000	-0,000	-0,000
X3	10,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	827,500	827,500	-0,000
BT	20,000	0,000	830,900	-0,000	50,000	830,250	-0,000	100,000	830,000	-0,000
BT	150,000	629,000	-0,000	190,000	828,300	-0,000	205,000	828,100	-0,000	213,000
BT	828,000	800,970	213,500	828,000	802,470	214,500	828,000	802,620	215,000	828,000
BT	802,970	215,500	828,000	802,620	216,500	828,000	802,470	217,000	828,000	800,970
BT	220,000	828,000	-0,000	245,000	827,800	-0,000	300,000	827,500	-0,000	350,000
BT	827,600	-0,000	400,000	827,800	-0,000	490,000	828,000	-0,000	815,000	830,000
BT	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	819,400	0,000	812,700	50,000	808,500	100,000	804,300	150,000	801,000	190,000
BT	8,000	50,000	710,500	-0,000	150,000	705,250	-0,000	250,000	702,100	-0,000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

*****/B** A, OF 17 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
 METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER
 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY, N.C. SPEC. F.P.T. REPORT + FLD. INS. STUDY. 2, 10, 50, 100, 500 YR. S.P. FLD
 T2EVENTS, WILL INCLUDE METHOD 4 FLOWY. IFT. FOR 100 YR. EVENT. H.E.C. 2 C.E.K. SANGF
 T3 HICKORY CR. + TRYS. 1+2 HICKORY CR. 142+00-395+70, TRIP. 1 3+3-55+10-YR. FLD

J1	ICHECK	INO	NINV	IDTR	STRT	METRIC	HVINS	Q	WSEL	FW
	-0.	3.	-0.	-0.	.002800	-1.00	-1.0	-0.	701.800	-0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IP	CHNIM	TTRACE
	2.000	-0.000	5.000	-0.000	83.333	-0.000	-0.000	-0.000	-0.000	-0.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

***** AS OF 7 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
 METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER
 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY,N.C,SPEC,F,P,T,REPORT + FLD,INS,STUDY,2,10,50,100,500YR,S,P,FLD
 T2EVENTS,WILL INCLUDE METHOD 4 FLOWY,1FT,FOR 100 YR,EVENT,H,E,C,2 C,E,K, SANGF
 T3 HICKORY CR,+TRIBS,1+2 HICKORY CR,142+00-395+70,TRIP,1 3+3-55+50-YR,FLD

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	RVINS	Q	WSEL	FO
	-0.	0.	-0.	-0.	.002800	-0.00	-1.0	-0.	704.800	-0.000
J2	NPROF	TPLDT	PREVS	XSECV	XSECH	FN	ALLDC	IRX	CHNIM	TTRACE
	3.000	-0.000	5.000	-0.000	83.333	-0.000	-0.000	-0.000	-0.000	-0.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

***** AS OF 7 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
 METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER
 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY,N.C,SPEC.F.P.T.REPORT + FLD.INS.STUDY.2,10,50,100,500YR.S.P.FLD
 T2EVENTS,WILL INCLUDE METHOD 4 FLOWY.1F1.FOR 100 YR.EVENT.H.E.C.2 C.E.K. SANGF
 T3 HICKORY CR.+TR1B5.1+2 HICKORY CR.142+00-395+70,TR1B.1 3+3-55+100YR.FLD

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	ASEL	FW
	-0.	5.	-0.	-0.	.002800	-0.00	-1.0	-0.	706.000	-0.000
J2	NPROF	YPLGT	PRFVS	XSECV	YSECV	FN	ALLOC	IR	CHNIN	TTRACE
	4.000	-0.000	5.000	-0.000	83.333	-0.000	-0.000	-0.000	-0.000	-0.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58

***** AS OF 7 JUNE 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
 METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER
 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY, N.C. SPEC. F.P.T. REPORT + FLD. INS. STUDY. 2, 10, 50, 100, 500YR. S.P. FLD
 T2EVENTS. WILL INCLUDE METHOD 4 FLOWY. IFT. FOR 100 YR. EVENT. H.E.C. 2 C.E.K. SANGF
 T3 HICKORY CR. + TRIBS. 1+2 HICKORY CR. 142+00-395+70, TRIB. 1 3+3-55+500YR. FLD

J1	ICHECK	INQ	NTNV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	6.	-0.	-0.	.002A00	-0.00	-1.0	-0.	709.500	-0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	IB	CHNIN	ITRACE
	5.000	-0.000	5.000	-0.000	83.333	-0.000	20.000	-0.000	-0.000	-0.000

 INTERACTIVE HEC2 VERSION UPDATED FEB 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 50,51,52,53,54,55,56,57,58.

***** AS OF 7 JUNF 1976 THE PROGRAM HAS BEEN MODIFIED TO CALCULATE ENCROACHMENT STATIONS BY AN IMPROVED
 INTERPOLATION SCHEME. ALSO THE PROGRAM WILL NOW ACCOUNT FOR THE VERTICAL WALL AT THE ENCROACHMENT STATION
 WHEN CALCULATING CONVEYANCE. PLEASE NOTE THAT THESE CHANGES PROVIDE IMPROVED RESULTS WHEN USING ENCROACHMENT
 METHODS 1 THRU 4. USERS WISHING TO REPRODUCE PREVIOUS RESULTS CAN ACCESS HEC2 INSTEAD OF HEC2Z. (REMEMBER
 HEC2 DOES NOT HAVE HEC2Z CAPABILITY.)

T13121175 SHELBY,N.C.SPEC.F.P.T.REPORT + FLD.INS.STUDY.2,10,50,100,500YR.S.P.FLD
 T2EVENTS.WILL INCLUDE METHOD 4 FLOWY.1FT.FOR 100 YR.EVENT.H.E.C.2 C.E.F. SANGF
 T3 HICKORY CR.+TRIBS.1+2 HICKORY CR.142+00-395+70,TRIF.1 3+3-55+S.P.F.FLD

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	RSEL	FG
	-0.	7.	-0.	-0.	.002A00	-0.00	-1.0	-0.	709.200	-0.000
J2	NPROF	YPL0T	PRFVS	XSECV	XSECH	FN	ALLOC	IP%	CHNIM	ITRACE
	15.000	-0.000	5.000	-0.000	83.333	-0.000	-0.000	-0.000	-0.000	-0.000

SUMMARY PRINTOUT

NUMBER OF PROFILES LIMITED TO 5

HICKORY CR.+TRYS.1+2

SECNO	ELENC	ELTRD	ELLC	ELMTN	W	CRSEL	CRWS	EG	TOPWID	SSTA	ENDST	SECNO
141.00	0.00	0.00	0.00	688.60	1070.00	694.27	0.00	694.37	95.53	455.31	664.31	141.00
141.00	0.00	0.00	0.00	688.60	2600.00	697.61	0.00	697.77	250.15	412.68	672.74	141.00
141.00	0.00	0.00	0.00	688.60	5000.00	700.27	0.00	700.48	329.29	354.56	683.85	141.00
141.00	0.00	0.00	0.00	688.60	6300.00	701.35	0.00	701.58	363.98	325.26	689.24	141.00
141.00	0.00	0.00	0.00	688.60	10800.00	704.32	0.00	704.60	469.25	244.56	713.81	141.00
142.00	0.00	0.00	0.00	688.60	1070.00	694.54	0.00	694.63	86.90	578.11	665.02	142.00
142.00	0.00	0.00	0.00	688.60	2600.00	697.88	0.00	698.06	99.20	574.25	673.45	142.00
142.00	0.00	0.00	0.00	688.60	5000.00	700.52	0.00	700.90	101.00	574.00	675.00	142.00
142.00	0.00	0.00	0.00	688.60	6300.00	701.58	0.00	702.06	101.00	574.00	675.00	142.00
142.00	0.00	0.00	0.00	688.60	10800.00	704.61	0.00	704.87	481.73	236.87	718.60	142.00
143.00	0.00	702.70	701.24	688.00	1070.00	694.54	0.00	694.75	70.69	365.32	436.01	143.00
143.00	0.00	702.70	701.24	688.00	2600.00	697.89	0.00	698.20	94.43	350.57	445.00	143.00
143.00	0.00	702.70	701.24	688.00	5000.00	700.54	0.00	701.10	95.00	350.00	445.00	143.00
143.00	0.00	702.70	701.24	688.00	6300.00	702.20	0.00	702.83	95.00	350.00	445.00	143.00
143.00	0.00	702.70	701.24	688.00	10800.00	706.35	0.00	706.53	506.64	46.55	555.20	143.00
144.00	0.00	0.00	0.00	688.60	1070.00	695.28	0.00	695.63	49.77	151.15	279.65	144.00
144.00	0.00	0.00	0.00	688.60	2600.00	698.51	0.00	699.04	186.55	113.52	300.07	144.00
144.00	0.00	0.00	0.00	688.60	5000.00	701.28	0.00	701.84	209.52	103.03	312.56	144.00
144.00	0.00	0.00	0.00	688.60	6300.00	703.01	0.00	703.49	219.57	96.46	316.03	144.00
144.00	0.00	0.00	0.00	688.60	10800.00	706.45	0.00	707.00	239.45	83.45	322.90	144.00
147.50	0.00	0.00	0.00	690.00	1070.00	697.78	0.00	697.99	212.40	167.85	615.55	147.50
147.50	0.00	0.00	0.00	690.00	2600.00	700.63	0.00	700.74	522.42	110.36	632.78	147.50
147.50	0.00	0.00	0.00	690.00	5000.00	703.09	0.00	703.19	540.26	103.66	643.93	147.50
147.50	0.00	0.00	0.00	690.00	6300.00	704.48	0.00	704.56	550.20	99.93	650.14	147.50
147.50	0.00	0.00	0.00	690.00	10800.00	707.87	0.00	707.96	574.67	90.75	665.42	147.50
153.30	0.00	0.00	0.00	690.60	1070.00	700.10	0.00	700.26	261.61	126.88	413.75	153.30
153.30	0.00	0.00	0.00	690.60	2600.00	702.38	0.00	702.57	332.61	112.59	445.21	153.30
153.30	0.00	0.00	0.00	690.60	5000.00	704.56	0.00	704.77	376.05	99.03	475.08	153.30
153.30	0.00	0.00	0.00	690.60	6300.00	705.71	0.00	705.92	399.04	91.85	490.89	153.30
153.30	0.00	0.00	0.00	690.60	10800.00	708.68	0.00	709.10	462.61	71.99	534.60	153.30
159.30	0.00	0.00	0.00	692.90	1070.00	701.04	0.00	701.07	149.72	67.67	217.39	159.30
159.30	0.00	0.00	0.00	692.90	2600.00	703.66	0.00	703.74	217.69	27.37	245.07	159.30
159.30	0.00	0.00	0.00	692.90	5000.00	706.09	0.00	706.27	237.80	21.51	259.31	159.30
159.30	0.00	0.00	0.00	692.90	6300.00	707.21	0.00	707.43	243.76	18.81	262.57	159.30
159.30	0.00	0.00	0.00	692.90	10800.00	710.39	0.00	710.71	260.65	11.13	271.78	159.30
159.80	0.00	0.00	0.00	692.90	1070.00	701.09	0.00	701.12	192.84	125.63	318.47	159.80
159.80	0.00	0.00	0.00	692.90	2600.00	703.78	0.00	703.83	219.29	113.29	332.59	159.80
159.80	0.00	0.00	0.00	692.90	5000.00	706.26	0.00	706.37	235.57	106.96	342.54	159.80
159.80	0.00	0.00	0.00	692.90	6300.00	707.41	0.00	707.54	241.72	104.04	345.76	159.80
159.80	0.00	0.00	0.00	692.90	10800.00	710.65	0.00	710.85	259.02	95.80	354.82	159.80
160.30	0.00	0.00	0.00	693.20	1070.00	701.12	0.00	701.15	179.89	48.47	228.36	160.30
160.30	0.00	0.00	0.00	693.20	2600.00	703.62	0.00	703.80	221.20	30.49	251.69	160.30
160.30	0.00	0.00	0.00	693.20	5000.00	706.31	0.00	706.45	237.19	22.67	259.86	160.30
160.30	0.00	0.00	0.00	693.20	6300.00	707.46	0.00	707.64	243.87	19.76	263.63	160.30
160.30	0.00	0.00	0.00	693.20	10800.00	710.70	0.00	710.97	262.66	11.60	274.26	160.30

SECNO	ELENC	ELTRD	ELLC	ELMIN	W	CPSEL	CRWS	EG	TOPWD	SSTA	ENDST	SECNO
163.00	0.00	0.00	0.00	693.50	1040.00	701.37	0.00	701.54	107.41	158.77	363.62	163.00
163.00	0.00	0.00	0.00	693.50	2550.00	704.21	0.00	704.42	333.30	119.55	452.90	163.00
163.00	0.00	0.00	0.00	693.50	4900.00	706.80	0.00	707.02	373.99	102.53	476.52	163.00
163.00	0.00	0.00	0.00	693.50	6200.00	708.02	0.00	708.20	392.30	94.86	487.16	163.00
163.00	0.00	0.00	0.00	693.50	10100.00	711.38	0.00	711.55	423.00	82.00	505.00	163.00
168.00	0.00	0.00	0.00	694.50	1040.00	703.14	0.00	703.29	51.96	173.49	371.60	168.00
168.00	0.00	0.00	0.00	694.50	2550.00	706.08	0.00	706.26	395.29	121.35	516.65	168.00
168.00	0.00	0.00	0.00	694.50	4900.00	708.40	0.00	708.58	534.30	102.78	637.12	168.00
168.00	0.00	0.00	0.00	694.50	6200.00	709.48	0.00	709.64	598.49	94.21	692.70	168.00
168.00	0.00	0.00	0.00	694.50	10100.00	712.47	0.00	712.60	630.00	90.00	720.00	168.00
186.00	0.00	0.00	0.00	700.00	900.00	706.77	0.00	706.83	80.84	239.97	320.81	186.00
186.00	0.00	0.00	0.00	700.00	2500.00	710.64	0.00	710.78	182.64	141.40	324.06	186.00
186.00	0.00	0.00	0.00	700.00	4300.00	713.07	0.00	713.20	204.77	120.31	325.08	186.00
186.00	0.00	0.00	0.00	700.00	5400.00	714.13	0.00	714.38	214.43	111.10	325.53	186.00
186.00	0.00	0.00	0.00	700.00	9000.00	716.62	0.00	717.03	237.21	89.37	326.58	186.00
194.00	0.00	0.00	0.00	703.00	900.00	708.85	0.00	709.09	49.75	176.53	226.28	194.00
194.00	0.00	0.00	0.00	703.00	2500.00	713.19	0.00	713.59	144.30	112.44	256.73	194.00
194.00	0.00	0.00	0.00	703.00	4300.00	715.68	0.00	716.11	250.15	104.24	354.39	194.00
194.00	0.00	0.00	0.00	703.00	5400.00	716.82	0.00	717.28	258.55	100.48	359.03	194.00
194.00	0.00	0.00	0.00	703.00	9000.00	719.69	0.00	720.17	279.70	91.03	370.73	194.00
200.50	0.00	0.00	0.00	704.40	900.00	713.48	0.00	713.76	36.96	151.86	188.82	200.50
200.50	0.00	0.00	0.00	704.40	2500.00	717.28	0.00	717.56	263.19	120.12	383.31	200.50
200.50	0.00	0.00	0.00	704.40	4300.00	719.31	0.00	719.61	284.67	106.33	391.01	200.50
200.50	0.00	0.00	0.00	704.40	5400.00	720.29	0.00	720.59	292.82	99.74	392.55	200.50
200.50	0.00	0.00	0.00	704.40	9000.00	722.95	0.00	723.29	314.98	81.79	396.71	200.50
210.50	0.00	0.00	0.00	707.60	900.00	715.97	0.00	716.03	69.84	156.71	226.55	210.50
210.50	0.00	0.00	0.00	707.60	2500.00	720.26	0.00	720.41	114.20	126.54	240.74	210.50
210.50	0.00	0.00	0.00	707.60	4300.00	722.63	0.00	722.90	144.02	107.47	251.50	210.50
210.50	0.00	0.00	0.00	707.60	5400.00	723.77	0.00	724.11	155.46	101.24	256.70	210.50
210.50	0.00	0.00	0.00	707.60	9000.00	726.77	0.00	727.30	186.37	83.90	270.27	210.50
218.00	0.00	0.00	0.00	711.30	900.00	717.62	0.00	717.95	38.63	355.17	393.80	218.00
218.00	0.00	0.00	0.00	711.30	2500.00	722.25	0.00	722.50	312.64	132.69	449.68	218.00
218.00	0.00	0.00	0.00	711.30	4300.00	724.80	0.00	724.98	365.26	108.17	473.42	218.00
218.00	0.00	0.00	0.00	711.30	5400.00	726.04	0.00	726.20	388.70	96.26	484.94	218.00
218.00	0.00	0.00	0.00	711.30	9000.00	729.26	0.00	729.42	450.00	65.11	515.11	218.00
225.00	0.00	0.00	0.00	714.50	900.00	722.23	0.00	722.43	41.38	326.71	368.09	225.00
225.00	0.00	0.00	0.00	714.50	2500.00	725.70	0.00	725.94	275.57	107.27	382.83	225.00
225.00	0.00	0.00	0.00	714.50	4300.00	727.09	0.00	727.76	290.24	102.60	392.84	225.00
225.00	0.00	0.00	0.00	714.50	5400.00	728.47	0.00	728.74	297.63	100.05	397.68	225.00
225.00	0.00	0.00	0.00	714.50	9000.00	731.26	0.00	731.54	318.73	92.76	411.50	225.00
232.50	0.00	0.00	0.00	718.50	900.00	724.98	0.00	725.10	58.81	242.00	300.80	232.50
232.50	0.00	0.00	0.00	718.50	2500.00	728.65	0.00	728.69	176.36	129.24	305.60	232.50
232.50	0.00	0.00	0.00	718.50	4300.00	730.73	0.00	731.06	197.54	110.70	308.23	232.50
232.50	0.00	0.00	0.00	718.50	5400.00	731.74	0.00	732.13	207.86	101.66	309.52	232.50
232.50	0.00	0.00	0.00	718.50	9000.00	734.48	0.00	735.00	235.70	77.29	312.99	232.50

SECNO	ELENCL	ELTPO	ELLC	ELMJA	Q	CWSEL	CPINS	EG	TOPWID	SSTA	ENDST	SECNO
240.00	0.00	0.00	0.00	718.90	850.00	726.58	0.00	726.69	57.54	173.92	231.46	240.00
240.00	0.00	0.00	0.00	718.90	2100.00	730.56	0.00	730.75	129.19	126.22	255.41	240.00
240.00	0.00	0.00	0.00	718.90	4000.00	733.00	0.00	733.34	188.44	109.59	298.03	240.00
240.00	0.00	0.00	0.00	718.90	5000.00	734.12	0.00	734.50	215.42	102.02	317.44	240.00
240.00	0.00	0.00	0.00	718.90	8300.00	737.05	0.00	737.50	286.39	82.10	368.49	240.00
242.30	0.00	0.00	0.00	719.00	850.00	726.79	0.00	726.90	56.28	261.79	318.07	242.30
242.30	0.00	0.00	0.00	719.00	2100.00	730.79	0.00	731.00	65.26	260.00	325.26	242.30
242.30	0.00	0.00	0.00	719.00	4000.00	733.33	0.00	733.79	69.83	260.00	329.83	242.30
242.30	0.00	0.00	0.00	719.00	5000.00	734.47	0.00	735.06	71.87	260.00	331.87	242.30
242.30	0.00	0.00	0.00	719.00	8300.00	737.41	0.00	738.41	77.15	260.00	337.15	242.30
243.30	0.00	741.70	737.90	719.00	850.00	726.84	0.00	726.97	39.99	267.00	306.99	243.30
243.30	0.00	741.70	737.90	719.00	2100.00	730.85	0.00	731.17	40.00	267.00	307.00	243.30
243.30	0.00	741.70	737.90	719.00	4000.00	733.42	0.00	734.21	40.00	267.00	307.00	243.30
243.30	0.00	741.70	737.90	719.00	5000.00	734.56	0.00	735.62	40.00	267.00	307.00	243.30
243.30	0.00	741.70	737.90	719.00	8300.00	744.59	0.00	745.41	386.92	134.33	521.25	243.30
245.30	0.00	741.60	734.40	718.00	850.00	726.86	0.00	726.97	44.00	106.00	150.00	245.30
245.30	0.00	741.60	734.40	718.00	2100.00	730.88	0.00	731.17	44.00	106.00	150.00	245.30
245.30	0.00	741.60	734.40	718.00	4000.00	733.53	0.00	734.21	44.00	106.00	150.00	245.30
245.30	0.00	741.60	734.40	718.00	5000.00	735.27	0.00	735.96	44.00	106.00	150.00	245.30
245.30	0.00	741.60	734.40	718.00	8300.00	744.99	0.00	745.53	492.50	42.80	535.31	245.30
248.00	0.00	0.00	0.00	721.10	790.00	727.02	0.00	727.27	39.80	245.23	285.04	248.00
248.00	0.00	0.00	0.00	721.10	2000.00	731.16	0.00	731.54	154.13	134.49	288.62	248.00
248.00	0.00	0.00	0.00	721.10	3700.00	734.21	0.00	734.63	220.10	106.57	326.67	248.00
248.00	0.00	0.00	0.00	721.10	4700.00	736.11	0.00	736.47	253.55	100.47	354.03	248.00
248.00	0.00	0.00	0.00	721.10	7800.00	745.77	0.00	745.88	322.00	88.00	410.00	248.00
253.80	0.00	0.00	0.00	722.00	790.00	728.32	0.00	728.41	80.75	232.11	312.87	253.80
253.80	0.00	0.00	0.00	722.00	2000.00	732.40	0.00	732.53	119.34	227.01	346.35	253.80
253.80	0.00	0.00	0.00	722.00	3700.00	735.37	0.00	735.57	198.95	170.14	369.09	253.80
253.80	0.00	0.00	0.00	722.00	4700.00	737.04	0.00	737.25	263.80	127.23	391.03	253.80
253.80	0.00	0.00	0.00	722.00	7800.00	745.97	0.00	746.04	379.00	51.00	430.00	253.80
263.00	0.00	0.00	0.00	724.70	790.00	731.87	0.00	732.13	37.76	119.13	156.89	263.00
263.00	0.00	0.00	0.00	724.70	2000.00	735.56	0.00	736.09	56.75	59.90	157.86	263.00
263.00	0.00	0.00	0.00	724.70	3700.00	738.48	0.00	738.91	286.67	15.12	301.79	263.00
263.00	0.00	0.00	0.00	724.70	4700.00	739.79	0.00	740.14	320.53	5.72	326.26	263.00
263.00	0.00	0.00	0.00	724.70	7800.00	746.56	0.00	746.65	425.00	0.00	425.00	263.00
264.70	0.00	0.00	0.00	726.90	790.00	732.86	0.00	732.96	63.54	107.25	170.80	264.70
264.70	0.00	0.00	0.00	726.90	2000.00	736.84	0.00	737.02	75.00	105.00	180.00	264.70
264.70	0.00	0.00	0.00	726.90	3700.00	739.45	0.00	739.80	75.00	105.00	180.00	264.70
264.70	0.00	0.00	0.00	726.90	4700.00	740.58	0.00	741.04	75.00	105.00	180.00	264.70
264.70	0.00	0.00	0.00	726.90	7800.00	746.70	0.00	746.97	259.43	38.26	297.70	264.70
265.30	0.00	745.00	743.00	726.60	790.00	733.07	0.00	733.30	43.00	116.00	159.00	265.30
265.30	0.00	745.00	743.00	726.60	2000.00	736.96	0.00	737.50	43.00	116.00	159.00	265.30
265.30	0.00	745.00	743.00	726.60	3700.00	739.47	0.00	740.67	43.00	116.00	159.00	265.30
265.30	0.00	745.00	743.00	726.60	4700.00	740.52	0.00	742.17	43.00	116.00	159.00	265.30
265.30	0.00	745.00	743.00	726.60	7800.00	747.16	0.00	748.40	175.99	72.59	248.58	265.30

SECNO	ELFNL	ELTRD	ELLC	ELMTN	U	CMSL	CRMS	FG	TOPRID	SSTA	EMDRT	SECNO
267.00	0.00	0.00	0.00	725.60	790.00	734.01	0.00	734.16	40.55	147.26	187.81	267.00
267.00	0.00	0.00	0.00	725.60	2000.00	738.51	0.00	738.48	253.26	26.87	303.37	267.00
267.00	0.00	0.00	0.00	725.60	3700.00	741.60	0.00	741.72	396.50	0.00	400.63	267.00
267.00	0.00	0.00	0.00	725.60	4700.00	743.18	0.00	743.27	410.20	0.00	410.20	267.00
267.00	0.00	0.00	0.00	725.60	7800.00	748.98	0.00	749.04	405.33	0.00	445.33	267.00
276.00	0.00	0.00	0.00	729.50	720.00	737.23	0.00	737.57	39.48	467.49	506.97	276.00
276.00	0.00	0.00	0.00	729.50	1800.00	741.20	0.00	741.46	297.34	249.79	572.34	276.00
276.00	0.00	0.00	0.00	729.50	3400.00	743.64	0.00	743.63	348.59	232.72	541.31	276.00
276.00	0.00	0.00	0.00	729.50	4300.00	744.84	0.00	745.00	385.60	200.17	585.77	276.00
276.00	0.00	0.00	0.00	729.50	7100.00	749.66	0.00	749.70	534.46	64.27	603.73	276.00
285.50	0.00	0.00	0.00	732.40	720.00	740.35	0.00	740.48	45.00	125.59	190.54	285.50
285.50	0.00	0.00	0.00	732.40	1800.00	744.33	0.00	744.51	133.78	115.05	208.23	285.50
285.50	0.00	0.00	0.00	732.40	3400.00	746.72	0.00	747.00	197.60	94.15	295.75	285.50
285.50	0.00	0.00	0.00	732.40	4300.00	747.73	0.00	748.04	224.40	91.05	315.45	285.50
285.50	0.00	0.00	0.00	732.40	7100.00	751.09	0.00	751.37	285.00	75.00	365.00	285.50
287.20	0.00	0.00	0.00	733.90	720.00	740.84	0.00	740.93	53.94	45.64	139.52	287.20
287.20	0.00	0.00	0.00	733.90	1800.00	744.76	0.00	744.94	59.00	43.00	162.00	287.20
287.20	0.00	0.00	0.00	733.90	3400.00	747.32	0.00	747.70	59.00	43.00	162.00	287.20
287.20	0.00	0.00	0.00	733.90	4300.00	748.38	0.00	748.90	59.00	43.00	162.00	287.20
287.20	0.00	0.00	0.00	733.90	7100.00	751.64	0.00	752.53	59.00	43.00	162.00	287.20
288.00	0.00	758.11	757.33	734.70	720.00	740.87	0.00	740.93	74.57	45.72	139.52	288.00
288.00	0.00	758.11	757.33	734.70	1800.00	744.81	0.00	744.94	120.00	48.00	148.00	288.00
288.00	0.00	758.11	757.33	734.70	3400.00	747.42	0.00	747.70	120.00	48.00	148.00	288.00
288.00	0.00	758.11	757.33	734.70	4300.00	748.52	0.00	748.90	120.00	48.00	148.00	288.00
288.00	0.00	758.11	757.33	734.70	7100.00	751.89	0.00	752.53	120.00	48.00	148.00	288.00
289.50	0.00	0.00	0.00	734.25	470.00	741.15	0.00	741.19	56.82	159.75	287.71	289.50
289.50	0.00	0.00	0.00	734.25	1800.00	745.19	0.00	745.37	255.35	128.82	323.24	289.50
289.50	0.00	0.00	0.00	734.25	2300.00	747.87	0.00	747.91	324.80	109.37	331.18	289.50
289.50	0.00	0.00	0.00	734.25	2800.00	749.04	0.00	749.10	353.29	100.74	354.13	289.50
289.50	0.00	0.00	0.00	734.25	4800.00	752.68	0.00	752.71	439.10	74.72	513.52	289.50
294.00	0.00	0.00	0.00	736.50	470.00	742.30	0.00	742.66	20.30	267.35	293.64	294.00
294.00	0.00	0.00	0.00	736.50	1800.00	745.75	0.00	746.94	150.36	153.35	311.71	294.00
294.00	0.00	0.00	0.00	736.50	2300.00	748.28	0.00	748.42	184.81	137.95	322.74	294.00
294.00	0.00	0.00	0.00	736.50	2800.00	749.35	0.00	749.48	199.84	127.22	327.00	294.00
294.00	0.00	0.00	0.00	736.50	4800.00	752.81	0.00	752.93	248.67	92.35	341.02	294.00
297.30	0.00	0.00	0.00	737.60	470.00	744.75	0.00	744.86	38.65	198.08	230.74	297.30
297.30	0.00	0.00	0.00	737.60	1800.00	748.17	0.00	748.42	168.51	126.40	294.92	297.30
297.30	0.00	0.00	0.00	737.60	2300.00	749.10	0.00	749.31	186.37	117.21	305.59	297.30
297.30	0.00	0.00	0.00	737.60	2800.00	749.97	0.00	750.14	206.81	106.88	315.49	297.30
297.30	0.00	0.00	0.00	737.60	4800.00	753.13	0.00	753.27	274.00	77.58	351.58	297.30
299.20	0.00	0.00	0.00	738.50	470.00	745.40	0.00	745.50	42.40	157.60	200.00	299.20
299.20	0.00	0.00	0.00	738.50	1800.00	749.14	0.00	749.54	45.00	155.00	200.00	299.20
299.20	0.00	0.00	0.00	738.50	2300.00	749.92	0.00	750.47	45.00	155.00	200.00	299.20
299.20	0.00	0.00	0.00	738.50	2800.00	750.61	0.00	751.31	45.00	155.00	200.00	299.20
299.20	0.00	0.00	0.00	738.50	4800.00	753.14	0.00	754.42	45.00	155.00	200.00	299.20

SECNO	ELENC	ELTRD	ELLC	ELMIN	Q	CASFL	CPHS	EG	TOPJD	SSTA	ENDST	SECNO
299.80	0.00	757.30	754.60	740.90	470.00	745.72	0.00	746.00	50.75	98.25	149.00	299.80
299.80	0.00	757.30	754.60	740.90	1800.00	749.62	0.00	750.60	56.00	93.00	149.00	299.80
299.80	0.00	757.30	754.60	740.90	2300.00	750.45	0.00	751.74	56.00	93.00	149.00	299.80
299.80	0.00	757.30	754.60	740.90	2800.00	751.20	0.00	752.79	56.00	93.00	149.00	299.80
299.80	0.00	757.30	754.60	740.90	4800.00	753.79	0.00	756.56	56.00	93.00	149.00	299.80
302.00	0.00	0.00	0.00	741.70	470.00	747.56	0.00	747.67	40.97	204.77	245.74	302.00
302.00	0.00	0.00	0.00	741.70	1800.00	751.96	0.00	752.07	217.26	113.69	330.94	302.00
302.00	0.00	0.00	0.00	741.70	2300.00	752.97	0.00	753.07	239.16	104.45	343.61	302.00
302.00	0.00	0.00	0.00	741.70	2800.00	753.94	0.00	754.03	260.26	95.55	355.81	302.00
302.00	0.00	0.00	0.00	741.70	4800.00	757.68	0.00	757.75	341.72	61.20	402.92	302.00
308.00	0.00	0.00	0.00	745.40	470.00	750.69	0.00	751.11	37.18	234.52	271.70	308.00
308.00	0.00	0.00	0.00	745.40	1800.00	753.93	0.00	754.12	312.19	74.75	386.97	308.00
308.00	0.00	0.00	0.00	745.40	2300.00	754.47	0.00	754.63	332.79	70.91	403.70	308.00
308.00	0.00	0.00	0.00	745.40	2800.00	755.07	0.00	755.21	370.55	66.57	437.13	308.00
308.00	0.00	0.00	0.00	745.40	4800.00	758.08	0.00	758.15	471.27	44.88	516.15	308.00
316.00	0.00	0.00	0.00	747.90	470.00	755.41	0.00	755.53	65.35	136.97	262.24	316.00
316.00	0.00	0.00	0.00	747.90	1800.00	757.92	0.00	758.10	240.98	122.28	363.26	316.00
316.00	0.00	0.00	0.00	747.90	2300.00	758.26	0.00	758.47	245.18	120.33	365.51	316.00
316.00	0.00	0.00	0.00	747.90	2800.00	758.48	0.00	758.75	248.00	119.02	367.02	316.00
316.00	0.00	0.00	0.00	747.90	4800.00	759.40	0.00	759.63	259.52	113.68	373.20	316.00
321.50	0.00	0.00	0.00	750.00	470.00	756.91	0.00	756.90	66.41	134.92	272.48	321.50
321.50	0.00	0.00	0.00	750.00	1800.00	759.83	0.00	759.96	182.35	115.44	297.79	321.50
321.50	0.00	0.00	0.00	750.00	2300.00	760.38	0.00	760.54	187.44	111.84	299.28	321.50
321.50	0.00	0.00	0.00	750.00	2800.00	760.86	0.00	761.00	192.00	108.61	300.61	321.50
321.50	0.00	0.00	0.00	750.00	4800.00	762.35	0.00	762.63	206.05	98.66	304.71	321.50
323.50	0.00	0.00	0.00	750.60	470.00	757.39	0.00	757.40	38.65	146.89	185.74	323.50
323.50	0.00	0.00	0.00	750.60	1800.00	760.55	0.00	761.00	43.00	144.00	187.00	323.50
323.50	0.00	0.00	0.00	750.60	2300.00	761.14	0.00	761.82	43.00	144.00	187.00	323.50
323.50	0.00	0.00	0.00	750.60	2800.00	761.63	0.00	762.53	43.00	144.00	187.00	323.50
323.50	0.00	0.00	0.00	750.60	4800.00	763.03	0.00	764.98	43.00	144.00	187.00	323.50
324.50	0.00	773.20	766.50	750.60	470.00	757.75	0.00	757.90	27.00	162.00	189.00	324.50
324.50	0.00	773.20	766.50	750.60	1800.00	761.55	0.00	762.34	27.00	162.00	189.00	324.50
324.50	0.00	773.20	766.50	750.60	2300.00	762.40	0.00	763.48	27.00	162.00	189.00	324.50
324.50	0.00	773.20	766.50	750.60	2800.00	763.16	0.00	764.55	27.00	162.00	189.00	324.50
324.50	0.00	773.20	766.50	750.60	4800.00	765.69	0.00	766.39	27.00	162.00	189.00	324.50
326.00	0.00	0.00	0.00	751.20	420.00	758.00	0.00	758.61	34.79	150.21	185.00	326.00
326.00	0.00	0.00	0.00	751.20	1070.00	763.02	0.00	763.08	117.31	103.51	220.82	326.00
326.00	0.00	0.00	0.00	751.20	2000.00	764.27	0.00	764.40	130.02	97.48	227.51	326.00
326.00	0.00	0.00	0.00	751.20	2500.00	765.38	0.00	765.52	141.21	92.18	233.39	326.00
326.00	0.00	0.00	0.00	751.20	4200.00	769.43	0.00	769.56	182.24	72.73	254.97	326.00
337.00	0.00	0.00	0.00	758.90	420.00	763.58	0.00	763.69	52.30	43.71	186.08	337.00
337.00	0.00	0.00	0.00	758.90	1070.00	765.25	0.00	765.50	218.99	43.15	306.00	337.00
337.00	0.00	0.00	0.00	758.90	2000.00	766.86	0.00	766.98	326.76	24.83	351.59	337.00
337.00	0.00	0.00	0.00	758.90	2500.00	767.54	0.00	767.65	333.82	20.17	354.00	337.00
337.00	0.00	0.00	0.00	758.90	4200.00	770.41	0.00	770.48	362.42	.58	363.00	337.00

SECNO	ELENCI	ELYRD	ELLC	ELMIN	Q	CASFL	CRWS	EG	TOPWTD	SSTA	ENDST	SECNO
346.00	0.00	0.00	0.00	764.10	420.00	769.11	0.00	769.26	34.30	290.70	325.01	346.00
346.00	0.00	0.00	0.00	764.10	1070.00	771.78	0.00	771.99	141.56	281.97	423.53	346.00
346.00	0.00	0.00	0.00	764.10	2000.00	772.32	0.00	772.78	181.72	252.76	434.48	346.00
346.00	0.00	0.00	0.00	764.10	2500.00	772.39	0.00	773.06	183.67	252.11	435.78	346.00
* 346.00	0.00	0.00	0.00	764.10	4200.00	772.84	772.84	774.11	197.16	247.61	444.77	346.00
352.00	0.00	0.00	0.00	766.30	420.00	771.49	0.00	771.54	69.20	192.14	261.34	352.00
352.00	0.00	0.00	0.00	766.30	1070.00	774.07	0.00	774.17	97.51	170.19	267.70	352.00
352.00	0.00	0.00	0.00	766.30	2000.00	775.86	0.00	776.07	164.26	140.05	304.31	352.00
352.00	0.00	0.00	0.00	766.30	2500.00	776.62	0.00	776.81	180.68	127.09	307.77	352.00
352.00	0.00	0.00	0.00	766.30	4200.00	778.59	0.00	778.85	222.82	93.83	316.64	352.00
354.50	0.00	0.00	0.00	766.90	420.00	772.24	0.00	772.41	36.19	405.82	442.01	354.50
354.50	0.00	0.00	0.00	766.90	1070.00	774.87	0.00	775.18	46.00	400.00	446.00	354.50
354.50	0.00	0.00	0.00	766.90	2000.00	776.82	0.00	777.40	46.00	400.00	446.00	354.50
354.50	0.00	0.00	0.00	766.90	2500.00	777.62	0.00	778.35	46.00	400.00	446.00	354.50
354.50	0.00	0.00	0.00	766.90	4200.00	779.58	0.00	780.97	46.00	400.00	446.00	354.50
355.50	0.00	804.15	782.90	767.80	420.00	772.69	0.00	772.81	36.54	183.22	222.08	355.50
355.50	0.00	804.15	782.90	767.80	1070.00	775.41	0.00	775.66	45.00	180.00	225.00	355.50
355.50	0.00	804.15	782.90	767.80	2000.00	777.55	0.00	778.02	45.00	180.00	225.00	355.50
355.50	0.00	804.15	782.90	767.80	2500.00	778.45	0.00	779.05	45.00	180.00	225.00	355.50
355.50	0.00	804.15	782.90	767.80	4200.00	780.91	0.00	781.95	45.00	180.00	225.00	355.50
358.30	0.00	0.00	0.00	769.10	420.00	773.97	0.00	774.11	50.22	124.78	175.00	358.30
358.30	0.00	0.00	0.00	769.10	1070.00	775.71	0.00	776.89	115.67	92.80	210.67	358.30
358.30	0.00	0.00	0.00	769.10	2000.00	779.03	0.00	779.19	236.24	38.26	274.50	358.30
358.30	0.00	0.00	0.00	769.10	2500.00	780.04	0.00	780.18	276.36	13.64	290.00	358.30
358.30	0.00	0.00	0.00	769.10	4200.00	782.90	0.00	783.01	290.00	0.00	290.00	358.30
366.90	0.00	0.00	0.00	773.00	420.00	779.89	0.00	780.07	27.25	187.56	214.61	366.90
366.90	0.00	0.00	0.00	773.00	1070.00	782.18	0.00	782.44	236.77	25.51	262.27	366.90
366.90	0.00	0.00	0.00	773.00	2000.00	783.22	0.00	783.51	248.24	21.12	269.37	366.90
366.90	0.00	0.00	0.00	773.00	2500.00	783.68	0.00	783.97	253.13	19.25	272.39	366.90
366.90	0.00	0.00	0.00	773.00	4200.00	785.24	0.00	785.52	270.15	12.76	282.90	366.90
374.00	0.00	0.00	0.00	777.60	380.00	783.45	0.00	783.56	32.49	278.54	311.03	374.00
374.00	0.00	0.00	0.00	777.60	970.00	785.64	0.00	785.71	257.89	65.92	323.81	374.00
374.00	0.00	0.00	0.00	777.60	1800.00	786.67	0.00	786.96	286.51	43.16	329.67	374.00
374.00	0.00	0.00	0.00	777.60	2300.00	787.41	0.00	787.52	297.98	33.06	331.04	374.00
374.00	0.00	0.00	0.00	777.60	3600.00	788.78	0.00	788.90	326.66	7.79	334.45	374.00
382.20	0.00	0.00	0.00	781.90	380.00	786.47	0.00	786.56	42.07	27.13	69.20	382.20
382.20	0.00	0.00	0.00	781.90	970.00	788.67	0.00	788.88	63.41	23.27	86.68	382.20
382.20	0.00	0.00	0.00	781.90	1800.00	790.31	0.00	790.69	89.46	20.38	109.84	382.20
382.20	0.00	0.00	0.00	781.90	2300.00	791.07	0.00	791.52	98.85	19.07	117.92	382.20
382.20	0.00	0.00	0.00	781.90	3600.00	792.77	0.00	793.41	120.48	16.04	136.40	382.20
389.00	0.00	0.00	0.00	787.90	380.00	791.07	0.00	791.32	40.31	207.91	248.21	389.00
389.00	0.00	0.00	0.00	787.90	970.00	793.61	0.00	793.92	72.89	185.52	258.41	389.00
389.00	0.00	0.00	0.00	787.90	1800.00	795.61	0.00	795.98	173.70	97.97	271.68	389.00
389.00	0.00	0.00	0.00	787.90	2300.00	796.44	0.00	796.81	196.04	81.22	277.26	389.00
389.00	0.00	0.00	0.00	787.90	3600.00	798.28	0.00	798.63	241.70	46.69	288.39	389.00

SECNO	ELENCL	ELTPO	ELLC	ELMIN	G	CWSEL	CPIWS	EG	TOPWID	SSA	ENDST	SECNO
393.00	0.00	0.00	0.00	790.20	380.00	795.16	0.00	795.31	31.32	180.32	211.64	393.00
393.00	0.00	0.00	0.00	790.20	470.00	797.42	0.00	797.75	67.69	147.64	215.52	393.00
393.00	0.00	0.00	0.00	790.20	1800.00	799.12	0.00	799.59	118.99	131.17	250.16	393.00
393.00	0.00	0.00	0.00	790.20	2300.00	799.79	0.00	800.32	130.68	124.57	255.26	393.00
393.00	0.00	0.00	0.00	790.20	3800.00	801.32	0.00	801.99	157.15	109.64	266.79	393.00
394.70	0.00	0.00	0.00	791.10	340.00	796.07	0.00	796.15	47.84	168.16	216.00	394.70
394.70	0.00	0.00	0.00	791.10	690.00	798.63	0.00	798.78	52.00	164.00	216.00	394.70
394.70	0.00	0.00	0.00	791.10	1700.00	800.53	0.00	800.84	52.00	164.00	216.00	394.70
394.70	0.00	0.00	0.00	791.10	2100.00	801.29	0.00	801.67	52.00	164.00	216.00	394.70
394.70	0.00	0.00	0.00	791.10	3500.00	802.96	0.00	803.69	52.00	164.00	216.00	394.70
395.70	0.00	830.50	799.90	791.90	340.00	796.08	0.00	796.21	43.00	195.94	238.95	395.70
395.70	0.00	830.50	799.90	791.90	690.00	798.65	0.00	798.84	56.01	188.00	246.01	395.70
395.70	0.00	830.50	799.90	791.90	1700.00	802.36	0.00	802.55	62.00	188.00	250.00	395.70
395.70	0.00	830.50	799.90	791.90	2100.00	808.18	0.00	804.37	62.00	188.00	250.00	395.70
395.70	0.00	830.50	799.90	791.90	3500.00	811.36	0.00	811.54	62.00	188.00	250.00	395.70
-289.50	0.00	0.00	0.00	734.25	340.00	741.15	0.00	741.17	56.82	159.78	267.71	-289.50
-289.50	0.00	0.00	0.00	734.25	690.00	745.19	0.00	745.22	255.35	128.62	383.98	-289.50
-289.50	0.00	0.00	0.00	734.25	1700.00	747.87	0.00	747.89	324.99	109.31	434.31	-289.50
-289.50	0.00	0.00	0.00	734.25	2100.00	749.06	0.00	749.08	353.29	100.74	454.03	-289.50
-289.50	0.00	0.00	0.00	734.25	3500.00	752.68	0.00	752.70	437.11	74.72	513.82	-289.50
3.20	0.00	0.00	0.00	735.10	420.00	741.36	0.00	741.57	24.88	66.12	91.00	3.20
3.20	0.00	0.00	0.00	735.10	1070.00	745.42	0.00	745.67	248.01	63.40	311.41	3.20
3.20	0.00	0.00	0.00	735.10	2000.00	747.97	0.00	748.07	373.61	50.63	424.24	3.20
3.20	0.00	0.00	0.00	735.10	2500.00	749.13	0.00	749.18	399.91	44.83	444.73	3.20
3.20	0.00	0.00	0.00	735.10	4200.00	752.71	0.00	752.74	491.61	27.00	516.61	3.20
4.20	0.00	744.80	745.20	735.60	420.00	741.90	0.00	741.98	38.31	13.69	52.00	4.20
4.20	0.00	744.80	745.20	735.60	1070.00	746.25	0.00	746.33	313.31	9.25	322.56	4.20
4.20	0.00	744.80	745.20	735.60	2000.00	748.17	0.00	748.23	344.11	6.78	350.89	4.20
4.20	0.00	744.80	745.20	735.60	2500.00	749.25	0.00	749.30	364.51	2.31	366.82	4.20
4.20	0.00	744.80	745.20	735.60	4200.00	752.86	0.00	752.88	419.14	0.00	419.14	4.20
9.00	0.00	0.00	0.00	736.80	420.00	743.22	0.00	743.32	35.85	136.69	172.55	9.00
9.00	0.00	0.00	0.00	736.80	1070.00	747.63	0.00	747.72	166.68	47.24	213.92	9.00
9.00	0.00	0.00	0.00	736.80	2000.00	749.23	0.00	749.35	193.70	38.99	232.69	9.00
9.00	0.00	0.00	0.00	736.80	2500.00	750.04	0.00	750.16	207.28	34.91	242.19	9.00
9.00	0.00	0.00	0.00	736.80	4200.00	753.04	0.00	753.15	236.23	27.39	263.62	9.00
10.00	0.00	747.20	746.30	736.90	420.00	743.95	0.00	744.42	51.36	230.12	281.48	10.00
10.00	0.00	747.20	746.30	736.90	1070.00	747.66	0.00	747.72	166.34	136.69	303.03	10.00
10.00	0.00	747.20	746.30	736.90	2000.00	749.25	0.00	749.35	190.42	125.36	315.78	10.00
10.00	0.00	747.20	746.30	736.90	2500.00	750.06	0.00	750.17	200.23	119.75	319.98	10.00
10.00	0.00	747.20	746.30	736.90	4200.00	753.15	0.00	753.26	229.09	107.39	336.48	10.00
15.00	0.00	0.00	0.00	741.00	420.00	747.64	0.00	747.71	66.67	142.49	211.16	15.00
15.00	0.00	0.00	0.00	741.00	1070.00	748.59	0.00	748.85	80.90	134.88	215.77	15.00
15.00	0.00	0.00	0.00	741.00	2000.00	750.42	0.00	750.76	104.83	120.25	225.08	15.00
15.00	0.00	0.00	0.00	741.00	2500.00	751.22	0.00	751.59	113.67	113.83	227.50	15.00
15.00	0.00	0.00	0.00	741.00	4200.00	753.94	0.00	754.32	143.63	92.07	235.71	15.00

SECNO	ELENC	ELTRD	ELLC	ELMJA	Q	CMSEL	CRWS	EG	TOPWTD	SSTA	ENDST	S* CNO
40.00	0.00	0.00	0.00	752.30	400.00	755.97	753.87	756.09	43.11	45.71	88.82	40.00
40.00	0.00	0.00	0.00	752.30	1000.00	759.42	0.00	759.54	111.72	41.68	153.40	40.00
40.00	0.00	0.00	0.00	752.30	1950.00	761.35	0.00	761.51	154.26	17.60	171.86	40.00
40.00	0.00	0.00	0.00	752.30	2450.00	762.09	0.00	762.27	160.33	14.97	175.30	40.00
40.00	0.00	0.00	0.00	752.30	4000.00	763.81	0.00	764.04	174.54	8.83	183.36	40.00
50.30	0.00	0.00	0.00	758.90	260.00	763.52	761.69	763.71	25.82	56.41	82.23	50.30
50.30	0.00	0.00	0.00	758.90	700.00	764.79	0.00	765.41	49.60	44.14	93.70	50.30
50.30	0.00	0.00	0.00	758.90	1300.00	766.39	0.00	766.99	81.27	28.16	109.43	50.30
50.30	0.00	0.00	0.00	758.90	1600.00	767.00	0.00	767.60	88.61	25.15	113.76	50.30
50.30	0.00	0.00	0.00	758.90	2700.00	768.77	0.00	769.38	110.06	16.36	126.43	50.30
51.30	0.00	0.00	0.00	759.60	260.00	764.46	0.00	764.61	22.51	201.10	223.61	51.30
51.30	0.00	0.00	0.00	759.60	700.00	766.79	0.00	767.18	26.78	199.06	225.84	51.30
51.30	0.00	0.00	0.00	759.60	1300.00	768.22	0.00	769.02	32.23	196.22	228.46	51.30
51.30	0.00	0.00	0.00	759.60	1600.00	768.73	0.00	769.75	39.63	192.16	231.80	51.30
51.30	0.00	0.00	0.00	759.60	2700.00	770.09	0.00	771.88	59.61	181.19	240.81	51.30
* 51.90	0.00	0.00	0.00	761.00	260.00	764.90	764.90	766.35	9.45	207.78	217.22	51.90
* 51.90	0.00	0.00	0.00	761.00	700.00	767.55	767.55	770.25	10.00	207.50	217.50	51.90
* 51.90	0.00	0.00	0.00	761.00	1300.00	770.27	770.27	774.34	10.00	207.50	217.50	51.90
* 51.90	0.00	0.00	0.00	761.00	1600.00	771.50	771.50	776.14	10.00	207.50	217.50	51.90
* 51.90	0.00	0.00	0.00	761.00	2700.00	773.39	773.39	774.76	199.10	155.09	354.19	51.90
52.80	0.00	773.00	771.00	761.00	260.00	766.51	0.00	767.08	10.00	207.50	217.50	52.80
* 52.80	0.00	773.00	771.00	761.00	700.00	768.64	0.00	770.51	10.00	207.50	217.50	52.80
* 52.80	0.00	773.00	771.00	761.00	1300.00	774.33	0.00	774.34	320.53	59.07	379.60	52.80
* 52.80	0.00	773.00	771.00	761.00	1600.00	776.13	0.00	776.14	351.43	43.05	394.40	52.80
* 52.80	0.00	773.00	771.00	761.00	2700.00	776.12	0.00	776.15	351.34	43.11	394.45	52.80
53.20	0.00	0.00	0.00	761.00	260.00	767.39	0.00	767.08	161.72	122.38	284.10	53.20
53.20	0.00	0.00	0.00	761.00	700.00	771.61	0.00	771.62	276.91	78.51	355.41	53.20
53.20	0.00	0.00	0.00	761.00	1300.00	774.33	0.00	774.34	320.57	59.05	379.62	53.20
53.20	0.00	0.00	0.00	761.00	1600.00	776.13	0.00	776.14	351.46	43.03	394.50	53.20
53.20	0.00	0.00	0.00	761.00	2700.00	776.13	0.00	776.15	351.45	43.04	394.40	53.20
55.30	0.00	0.00	0.00	761.60	260.00	767.48	0.00	767.51	173.22	95.17	268.39	55.30
55.30	0.00	0.00	0.00	761.60	700.00	771.62	0.00	771.63	238.38	69.67	308.05	55.30
55.30	0.00	0.00	0.00	761.60	1300.00	774.34	0.00	774.35	271.81	52.86	324.07	55.30
55.30	0.00	0.00	0.00	761.60	1600.00	776.13	0.00	776.14	293.80	41.80	335.00	55.30
55.30	0.00	0.00	0.00	761.60	2700.00	776.14	0.00	776.16	293.93	41.74	335.67	55.30
-389.00	0.00	0.00	0.00	787.90	260.00	791.07	0.00	791.19	40.24	207.94	248.20	-389.00
-389.00	0.00	0.00	0.00	787.90	700.00	793.51	0.00	793.77	72.05	185.51	257.56	-389.00
-389.00	0.00	0.00	0.00	787.90	1300.00	795.61	0.00	795.61	171.54	97.81	269.35	-389.00
-389.00	0.00	0.00	0.00	787.90	1600.00	796.44	0.00	796.62	193.02	81.22	274.24	-389.00
-389.00	0.00	0.00	0.00	787.90	2700.00	798.28	0.00	798.46	236.44	46.66	285.10	-389.00
-0.00	0.00	0.00	0.00	787.90	80.00	791.34	0.00	791.38	21.41	125.28	146.69	-0.00
-0.00	0.00	0.00	0.00	787.90	220.00	793.85	0.00	793.91	37.00	120.54	157.54	-0.00
-0.00	0.00	0.00	0.00	787.90	420.00	795.86	0.00	795.93	62.53	111.81	174.34	-0.00
-0.00	0.00	0.00	0.00	787.90	520.00	796.65	0.00	796.72	76.35	104.35	180.70	-0.00
-0.00	0.00	0.00	0.00	787.90	830.00	798.46	0.00	798.55	112.10	87.18	199.28	-0.00

SECNO	ELEACL	ELTRD	ELLC	ELMTH	Q	CVSEL	CRYS	EG	TOPWTD	SSTA	ENDST	SECNO
.25	0.00	0.00	0.00	788.89	80.00	791.44	0.00	791.53	18.09	126.95	145.04	.25
.25	0.00	0.00	0.00	788.89	220.00	793.91	0.00	794.01	27.35	122.28	149.68	.25
.25	0.00	0.00	0.00	788.89	420.00	795.90	0.00	796.02	48.20	118.54	166.74	.25
.25	0.00	0.00	0.00	788.89	520.00	796.68	0.00	796.60	59.75	113.31	173.06	.25
.25	0.00	0.00	0.00	788.89	830.00	798.49	0.00	798.63	91.40	96.23	187.63	.25
.50	0.00	0.00	0.00	789.87	80.00	791.80	0.00	792.01	15.75	128.12	143.87	.50
.50	0.00	0.00	0.00	789.87	220.00	794.05	0.00	794.22	24.10	123.89	148.08	.50
.50	0.00	0.00	0.00	789.87	420.00	795.99	0.00	796.18	38.82	120.25	159.07	.50
.50	0.00	0.00	0.00	789.87	520.00	796.77	0.00	796.95	46.87	118.79	165.67	.50
.50	0.00	0.00	0.00	789.87	830.00	798.54	0.00	798.75	75.07	105.04	180.11	.50
.75	0.00	0.00	0.00	790.86	80.00	792.67	0.00	792.93	15.32	126.34	143.65	.75
.75	0.00	0.00	0.00	790.86	220.00	794.35	0.00	794.63	21.64	125.17	146.81	.75
.75	0.00	0.00	0.00	790.86	420.00	796.18	0.00	796.47	29.47	121.73	151.20	.75
.75	0.00	0.00	0.00	790.86	520.00	796.91	0.00	797.21	38.18	120.35	158.53	.75
.75	0.00	0.00	0.00	790.86	830.00	798.69	0.00	798.94	59.43	113.48	172.91	.75
1.00	0.00	0.00	0.00	791.84	80.00	793.68	0.00	793.93	15.37	128.31	143.68	1.00
1.00	0.00	0.00	0.00	791.84	220.00	794.97	0.00	795.37	20.27	125.86	146.12	1.00
1.00	0.00	0.00	0.00	791.84	420.00	796.55	0.00	796.98	26.18	122.89	149.07	1.00
1.00	0.00	0.00	0.00	791.84	520.00	797.21	0.00	797.65	30.07	121.64	151.70	1.00
1.00	0.00	0.00	0.00	791.84	830.00	798.60	0.00	799.30	48.05	116.57	166.03	1.00
1.25	0.00	0.00	0.00	792.83	80.00	794.64	0.00	794.90	15.39	128.30	143.69	1.25
1.25	0.00	0.00	0.00	792.83	220.00	795.87	0.00	796.30	19.91	126.03	145.94	1.25
1.25	0.00	0.00	0.00	792.83	420.00	797.17	0.00	797.72	24.82	123.57	148.39	1.25
1.25	0.00	0.00	0.00	792.83	520.00	797.75	0.00	798.32	26.99	122.48	149.47	1.25
1.25	0.00	0.00	0.00	792.83	830.00	799.20	0.00	799.64	41.66	119.74	161.60	1.25
1.50	0.00	0.00	0.00	793.82	80.00	795.64	0.00	795.60	15.36	128.31	143.67	1.50
1.50	0.00	0.00	0.00	793.82	220.00	796.84	0.00	797.28	19.87	126.05	145.92	1.50
1.50	0.00	0.00	0.00	793.82	420.00	798.01	0.00	798.62	24.28	123.84	148.12	1.50
1.50	0.00	0.00	0.00	793.82	520.00	798.52	0.00	799.18	26.17	122.89	149.07	1.50
1.50	0.00	0.00	0.00	793.82	830.00	799.79	0.00	800.58	37.26	120.50	157.75	1.50
*	2.00	0.00	0.00	795.90	80.00	798.77	798.72	799.69	4.00	138.00	142.00	2.00
*	2.00	0.00	0.00	795.90	220.00	800.94	800.94	803.23	4.00	138.00	142.00	2.00
*	2.00	0.00	0.00	795.90	420.00	803.39	803.39	806.91	4.00	138.00	142.00	2.00
*	2.00	0.00	0.00	795.90	520.00	804.46	804.46	808.51	4.00	138.00	142.00	2.00
*	2.00	0.00	0.00	795.90	830.00	807.42	807.42	812.94	4.00	138.00	142.00	2.00
*	3.10	0.00	827.50	802.97	798.97	803.18	0.00	803.64	4.00	213.00	217.00	3.10
*	3.10	0.00	827.50	802.97	798.97	811.02	0.00	811.38	4.00	213.00	217.00	3.10
*	3.10	0.00	827.50	802.97	798.97	827.97	0.00	827.97	489.65	0.00	489.65	3.10
*	3.10	0.00	827.50	802.97	798.97	828.16	0.00	828.16	516.78	0.00	516.78	3.10
*	3.10	0.00	827.50	802.97	798.97	828.52	0.00	828.52	575.27	0.00	575.27	3.10
3.60	0.00	0.00	0.00	799.20	80.00	803.42	0.00	803.42	34.70	196.01	230.71	3.60
3.60	0.00	0.00	0.00	799.20	220.00	811.59	0.00	811.50	216.97	94.51	311.48	3.60
3.60	0.00	0.00	0.00	799.20	420.00	827.97	0.00	827.97	400.00	0.00	400.00	3.60
3.60	0.00	0.00	0.00	799.20	520.00	828.16	0.00	828.17	400.00	0.00	400.00	3.60
3.60	0.00	0.00	0.00	799.20	830.00	828.52	0.00	828.53	400.00	0.00	400.00	3.60

SUMMARY PRINTOUT

NUMBER OF PROFILES LIMITED TO 5

HICKORY CR, + TRTBS, 1+2

SECNO	CWSEL	VOL	DEPTH	VCH	U.ORA	V.ORA	DOCK	VCH	U.ORA	V.ORA	APEA	SECNO
141.00	694.27	0.00	5.07	2.56	.32	.18	1069.68	2.56	0.00	0.00	419.72	141.00
141.00	697.61	0.00	9.01	3.34	175.01	.82	2424.99	3.34	0.00	0.00	938.74	141.00
141.00	700.27	0.00	11.07	4.05	969.15	1.37	4026.78	4.05	4.04	.52	1706.02	141.00
141.00	701.35	0.00	12.75	4.34	1496.59	1.56	4786.97	4.34	14.43	.71	2081.52	141.00
141.00	704.32	0.00	15.72	5.07	3592.12	1.94	7103.20	5.07	104.69	1.18	3307.41	141.00
142.00	694.54	.99	5.90	2.42	0.00	0.00	1070.00	2.42	0.00	0.00	441.90	142.00
142.00	697.68	1.90	9.28	3.46	0.00	0.00	2600.00	3.46	0.00	0.00	752.51	142.00
142.00	700.52	3.13	11.92	4.91	0.00	0.00	5000.00	4.91	0.00	0.00	1018.50	142.00
142.00	701.58	3.68	12.98	5.60	0.00	0.00	6300.00	5.60	0.00	0.00	1124.86	142.00
142.00	704.61	7.75	16.01	4.90	3672.01	1.92	7011.56	4.90	116.43	1.16	3440.17	142.00
143.00	694.54	1.63	6.54	3.64	0.00	0.00	1070.00	3.64	0.00	0.00	294.22	143.00
143.00	697.89	3.47	9.89	4.48	0.00	0.00	2600.00	4.48	0.00	0.00	580.63	143.00
143.00	700.54	5.25	12.50	6.00	0.00	0.00	5000.00	6.00	0.00	0.00	832.79	143.00
143.00	702.20	6.11	14.20	6.36	0.00	0.00	6300.00	6.36	0.00	0.00	990.67	143.00
143.00	706.35	16.58	18.35	4.24	3501.71	1.71	5875.31	4.24	1422.97	1.74	4253.43	143.00
144.00	695.28	2.40	6.68	4.75	4.66	.88	1065.36	4.75	0.00	0.00	229.72	144.00
144.00	698.51	4.61	9.91	6.19	272.18	1.47	2287.81	6.19	40.00	1.32	584.65	144.00
144.00	701.28	7.52	12.68	7.00	1310.54	2.45	3456.06	7.00	231.40	2.15	1137.26	144.00
144.00	703.01	8.98	14.41	6.75	2034.19	2.64	3884.06	6.75	401.75	2.40	1509.78	144.00
144.00	706.45	24.10	17.65	7.67	4283.62	3.38	5571.25	7.67	944.93	3.12	2297.91	144.00
147.50	697.78	4.77	7.78	3.69	31.05	.45	1036.68	3.69	.27	.20	351.53	147.50
147.50	700.63	13.20	10.63	3.51	1063.66	1.04	1472.30	3.51	64.03	1.05	1504.91	147.50
147.50	703.09	23.42	13.09	3.52	2915.90	1.36	1904.49	3.52	179.61	1.27	2821.10	147.50
147.50	704.48	29.40	14.48	3.41	3969.91	1.43	2074.98	3.41	255.12	1.29	3573.39	147.50
147.50	707.87	55.36	17.87	3.62	7456.38	1.72	2802.95	3.62	540.66	1.45	5484.38	147.50
153.30	700.10	4.93	9.50	3.25	21.23	.38	1027.80	3.25	20.88	.40	423.96	153.30
153.30	702.38	30.73	11.78	4.15	407.15	1.24	1757.08	4.15	435.77	1.14	1128.18	153.30
153.30	704.56	54.83	13.96	4.91	1131.69	1.82	2581.31	4.91	1287.01	1.71	1697.31	153.30
153.30	705.71	68.79	15.11	5.03	1565.28	1.99	2913.66	5.03	1821.05	1.67	2342.50	153.30
153.30	708.88	116.58	16.28	5.40	3073.47	2.38	3466.90	5.40	3759.63	2.22	3711.14	153.30
159.30	701.04	17.90	8.10	1.61	34.52	.39	1035.48	1.61	.00	.00	732.75	159.30
159.30	703.66	46.90	10.76	2.63	227.71	.79	2355.36	2.63	16.92	.45	1218.86	159.30
159.30	706.09	80.14	13.10	3.69	726.54	1.30	4105.94	3.69	125.52	.98	1777.22	159.30
159.30	707.21	99.02	14.31	4.09	1043.72	1.63	5036.69	4.09	217.39	1.23	2047.27	159.30
159.30	710.39	161.76	17.40	5.18	2236.92	2.29	7941.05	5.18	622.02	1.85	2848.97	159.30
159.80	701.09	16.79	8.19	1.31	0.00	0.00	1070.00	1.31	0.00	0.00	615.61	159.80
159.80	703.78	48.34	10.88	1.90	0.00	0.00	2600.00	1.90	0.00	0.00	1370.44	159.80
159.80	706.26	82.27	13.36	2.58	0.00	0.00	5000.00	2.58	0.00	0.00	1937.65	159.80
159.80	707.41	101.46	14.51	2.85	0.00	0.00	6300.00	2.85	0.00	0.00	2212.08	159.80
159.80	710.65	165.13	17.75	3.57	0.00	0.00	10600.00	3.57	0.00	0.00	3022.55	159.80
160.30	701.12	19.74	7.92	1.45	58.73	.41	1011.27	1.45	.00	.00	840.29	160.30
160.30	703.62	49.97	10.62	2.32	331.51	.88	2248.47	2.32	20.01	.49	1389.29	160.30
160.30	706.31	84.51	13.11	3.29	680.20	1.40	4012.75	3.29	107.05	.98	1961.15	160.30
160.30	707.46	104.02	14.26	3.67	1217.14	1.62	4909.23	3.67	173.63	1.17	2238.03	160.30
160.30	710.70	168.62	17.50	4.72	2475.14	2.22	7855.19	4.72	469.67	1.67	3057.92	160.30

SECNO	CWSEL	VOL	DEPTH	VCH	QCOR	VLOR	QCH	VCH	QCOR	VROR	AREA	SECNO
163.00	701.37	23.30	7.87	3.55	4.60	.30	1035.40	3.55	0.00	0.00	307.20	163.00
163.00	704.21	57.41	10.71	4.27	538.22	1.20	1873.09	4.27	138.70	.99	1010.93	163.00
163.00	706.84	96.60	13.34	4.51	1682.13	1.75	2602.65	4.51	615.21	1.53	1439.17	163.00
163.00	708.02	118.37	14.52	4.62	2327.11	1.92	2960.21	4.62	912.68	1.69	2392.19	163.00
163.00	711.38	189.82	17.88	4.70	4313.79	2.19	3842.93	4.70	1943.28	1.96	3784.29	163.00
168.00	703.14	27.01	6.64	3.05	.00	.01	1040.00	3.05	0.00	0.00	340.89	168.00
168.00	706.06	69.68	11.56	4.01	487.58	1.06	1914.37	4.01	148.05	.78	1128.03	168.00
168.00	708.40	120.42	13.90	4.45	1522.63	1.59	2615.44	4.45	761.93	1.14	2211.69	168.00
168.00	709.88	148.29	14.98	4.52	2092.25	1.74	2886.26	4.52	1221.49	1.24	2821.17	168.00
168.00	712.47	238.53	17.97	4.31	3649.51	1.92	3356.30	4.31	3094.19	1.53	4702.16	168.00
186.00	706.77	43.45	6.77	1.98	0.00	0.00	900.00	1.98	0.00	0.00	454.60	186.00
186.00	710.60	111.05	10.60	3.10	38.98	.40	2461.02	3.10	.00	.00	874.16	186.00
186.00	713.07	193.89	13.07	3.87	341.12	1.07	3958.38	3.87	.45	.32	1344.00	186.00
186.00	714.13	238.93	14.13	4.29	578.88	1.31	4419.95	4.29	1.17	.42	1566.02	186.00
186.00	716.62	379.70	16.62	5.53	1488.25	1.95	7506.37	5.53	5.38	.68	2130.41	186.00
194.00	706.85	49.74	5.85	3.91	0.00	0.00	900.00	3.91	0.00	0.00	230.24	194.00
194.00	713.19	124.08	10.19	5.10	63.78	.96	2434.76	5.10	1.44	.29	545.24	194.00
194.00	715.58	216.18	12.68	5.75	404.19	1.60	3595.62	5.75	300.19	1.26	1083.09	194.00
194.00	716.82	265.92	13.82	5.97	625.45	2.11	4148.44	5.97	626.11	1.64	1373.04	194.00
194.00	719.69	418.46	16.69	6.66	1372.96	2.69	5793.46	6.66	1833.58	2.40	2145.64	194.00
200.50	713.48	53.04	9.08	4.24	0.00	0.00	900.00	4.24	0.00	0.00	212.07	200.50
200.50	717.26	134.33	12.86	5.08	61.67	1.23	1846.10	5.08	590.23	1.43	628.15	200.50
200.50	719.31	234.65	14.91	5.49	201.10	1.63	2457.78	5.49	1641.12	2.00	1393.49	200.50
200.50	720.29	288.67	15.89	5.73	302.45	1.70	2799.37	5.73	2298.18	2.25	1676.41	200.50
200.50	722.95	453.53	18.55	6.38	705.59	2.18	3809.24	6.38	4485.14	2.86	2486.98	200.50
210.50	715.97	60.68	8.37	1.91	0.00	0.00	900.00	1.91	0.00	0.00	471.26	210.50
210.50	720.26	153.32	12.66	3.14	14.25	.48	2484.53	3.14	1.22	.26	626.57	210.50
210.50	722.63	263.69	15.03	4.25	124.97	1.05	4137.06	4.25	37.97	.89	1136.41	210.50
210.50	723.77	322.92	16.17	4.79	234.90	1.30	5085.25	4.79	79.85	1.13	1307.63	210.50
210.50	726.77	502.94	19.17	6.16	739.83	2.08	7964.49	6.16	295.68	1.74	1817.96	210.50
218.00	717.62	66.62	6.32	4.62	0.00	0.00	900.00	4.62	0.00	0.00	194.78	218.00
218.00	722.25	168.18	10.95	4.60	629.85	1.30	1837.38	4.60	32.77	.73	898.64	218.00
218.00	724.60	288.67	13.50	4.34	1766.71	1.70	2274.37	4.34	256.92	1.26	1765.52	218.00
218.00	726.04	353.39	14.70	4.33	2406.60	1.82	2531.95	4.33	421.40	1.39	2231.00	218.00
218.00	729.26	549.45	17.96	4.50	4626.85	2.09	3336.75	4.50	1036.40	1.65	3584.78	218.00
225.00	722.23	70.22	7.73	3.54	0.00	0.00	900.00	3.54	0.00	0.00	254.05	225.00
225.00	725.70	182.81	11.20	4.50	661.62	1.30	1834.41	4.50	3.96	.52	922.85	225.00
225.00	727.49	314.35	12.90	5.18	1714.48	1.91	2537.64	5.18	47.68	1.15	1429.54	225.00
225.00	728.47	385.11	13.97	5.41	2409.80	2.16	2897.79	5.41	92.41	1.42	1717.13	225.00
225.00	731.26	596.97	16.76	5.93	4758.33	2.72	3938.72	5.93	302.94	1.67	2578.13	225.00
232.50	724.98	75.22	6.48	2.75	0.00	0.00	900.00	2.75	0.00	0.00	326.75	232.50
232.50	728.65	197.41	10.15	4.07	240.58	1.11	2257.97	4.07	1.45	.54	773.27	232.50
232.50	730.73	336.66	12.23	5.09	805.71	1.73	3484.12	5.09	10.17	.94	1162.02	232.50
232.50	731.74	411.66	13.20	5.56	1213.51	2.02	4167.68	5.56	16.83	1.12	1367.46	232.50
232.50	734.48	636.16	15.98	6.73	2740.27	2.70	6197.66	6.73	61.67	1.57	1973.64	232.50

SECNO	CWSEL	VOL	DEPTH	VCH	VLDR	VLDR	CCM	VCH	VRDR	VRDR	AREA	SECNO
240.00	726.58	80.62	7.68	2.63	0.00	0.00	850.00	2.63	0.00	0.00	323.09	240.00
240.00	730.56	209.40	11.66	3.58	16.56	.54	2074.12	3.58	4.32	.44	619.66	240.00
240.00	733.00	355.34	14.10	4.86	237.20	1.56	3641.88	4.86	120.92	1.13	1008.00	240.00
240.00	734.12	434.05	15.22	5.24	415.29	1.87	4329.61	5.24	255.09	1.37	1232.85	240.00
240.00	737.05	672.09	18.15	6.07	1117.62	2.52	6236.40	6.07	945.98	1.91	1967.65	240.00
242.30	726.79	82.51	7.79	2.68	0.00	0.00	850.00	2.68	0.00	0.00	317.21	242.30
242.30	730.79	212.53	11.79	3.73	0.00	0.00	2100.00	3.73	0.00	0.00	562.87	242.30
242.30	733.33	359.94	14.33	5.44	0.00	0.00	4000.00	5.44	0.00	0.00	734.90	242.30
242.30	737.47	639.46	15.47	6.13	0.00	0.00	5000.00	6.13	0.00	0.00	615.67	242.30
242.30	737.41	680.02	16.41	6.02	0.00	0.00	8300.00	6.02	0.00	0.00	1034.80	242.30
243.30	726.84	83.21	7.84	2.67	0.00	0.00	850.00	2.67	0.00	0.00	296.32	243.30
243.30	730.85	213.70	11.85	4.60	0.00	0.00	2100.00	4.60	0.00	0.00	456.32	243.30
243.30	733.42	361.42	14.42	7.15	0.00	0.00	4000.00	7.15	0.00	0.00	554.18	243.30
243.30	734.56	441.00	15.54	8.27	0.00	0.00	5000.00	8.27	0.00	0.00	604.80	243.30
243.30	744.59	683.10	25.59	7.58	207.40	.97	7632.42	7.58	460.19	1.07	1649.92	243.30
245.30	726.88	84.76	8.88	2.24	0.00	0.00	850.00	2.24	0.00	0.00	370.70	245.30
245.30	730.88	216.02	12.88	3.78	0.00	0.00	2100.00	3.78	0.00	0.00	555.73	245.30
245.30	733.53	364.25	15.53	5.95	0.00	0.00	4000.00	5.95	0.00	0.00	672.15	245.30
245.30	735.27	444.20	17.27	6.68	0.00	0.00	5000.00	6.68	0.00	0.00	748.76	245.30
245.30	744.99	691.89	26.99	6.24	19.42	.41	7340.32	6.24	934.24	.98	2175.24	245.30
248.00	727.02	86.55	5.92	3.97	0.00	0.00	790.00	3.97	0.00	0.00	199.08	248.00
248.00	731.16	219.28	10.06	5.08	92.01	.76	1907.99	5.08	0.00	0.00	497.06	248.00
248.00	734.21	369.69	13.11	5.75	715.95	1.38	2951.92	5.75	32.13	.65	1081.92	248.00
248.00	736.11	451.26	15.01	5.62	1215.64	1.55	3362.95	5.62	121.41	.83	1531.64	248.00
248.00	745.77	712.61	24.67	3.61	2907.15	1.28	3729.54	3.61	1143.31	.96	4508.32	248.00
253.80	726.32	90.12	6.32	2.41	0.00	0.00	780.21	2.41	3.79	.37	337.01	253.80
253.80	732.40	227.68	10.40	3.04	0.00	0.00	1817.09	3.04	182.91	1.10	764.32	253.80
253.80	735.37	384.93	13.37	3.87	31.57	.52	3119.04	3.87	549.37	1.61	1207.60	253.80
253.80	737.04	472.07	15.04	4.06	138.27	.73	3743.52	4.06	818.21	1.70	1593.39	253.80
253.80	745.97	774.64	23.97	2.72	1600.64	.98	4214.46	2.72	1984.88	1.22	4809.07	253.80
263.00	731.67	95.71	7.17	4.10	0.00	0.00	790.00	4.10	0.00	0.00	192.67	263.00
263.00	735.56	234.35	10.86	5.88	.94	.10	1999.96	5.88	0.00	0.00	340.78	263.00
263.00	738.48	408.51	13.78	5.90	425.71	1.71	2789.61	5.90	484.68	1.56	1025.17	263.00
263.00	739.79	503.94	15.09	5.79	753.20	1.95	3025.14	5.79	921.66	1.79	1424.43	263.00
263.00	746.56	668.69	21.86	3.40	1687.53	1.62	2764.08	3.40	3148.09	1.48	4096.86	263.00
264.70	732.86	96.68	5.96	2.59	0.00	0.00	790.00	2.59	0.00	0.00	304.53	264.70
264.70	736.84	241.15	9.94	3.43	0.00	0.00	2000.00	3.43	0.00	0.00	583.53	264.70
264.70	739.45	412.03	12.55	4.75	0.00	0.00	3700.00	4.75	0.00	0.00	779.53	264.70
264.70	740.58	508.40	13.68	5.44	0.00	0.00	4700.00	5.44	0.00	0.00	864.65	264.70
264.70	746.70	681.35	19.80	4.63	547.87	1.50	6130.20	4.63	1121.94	1.59	2391.70	264.70
265.30	733.07	97.04	6.47	3.83	0.00	0.00	790.00	3.83	0.00	0.00	206.14	265.30
265.30	736.96	241.79	10.36	5.95	0.00	0.00	2000.00	5.95	0.00	0.00	336.39	265.30
265.30	739.47	412.86	12.87	6.40	0.00	0.00	3700.00	6.40	0.00	0.00	420.68	265.30
265.30	740.52	509.31	13.92	10.31	0.00	0.00	4700.00	10.31	0.00	0.00	455.96	265.30
265.30	747.10	683.66	20.50	9.23	54.24	1.19	7651.00	9.23	94.76	1.12	959.37	265.30

SECNO	CMSFL	VOL	DEPTH	VCW	ULGA	VLEN	GCN	VCW	NRGN	VPDR	AREA	SECNO
267.00	734.01	97.93	8.41	3.11	0.00	0.00	790.00	3.11	0.00	0.00	254.21	267.00
267.00	738.31	204.06	12.71	3.70	95.30	.71	1618.71	3.70	0.00	1.11	629.08	267.00
267.00	741.60	417.46	16.00	3.50	652.01	1.17	2035.12	3.50	1012.87	1.27	1939.45	267.00
267.00	703.18	515.23	17.58	3.54	497.71	1.27	2191.42	3.54	1510.87	1.32	2578.48	267.00
267.00	748.98	495.40	23.38	2.72	2097.47	1.29	2445.84	2.72	3238.69	1.28	5058.35	267.00
276.00	737.23	103.00	7.73	3.05	0.00	0.00	720.00	3.05	0.00	0.00	236.19	276.00
276.00	741.24	259.25	11.74	3.98	159.10	.78	1634.87	3.98	5.94	.31	641.39	276.00
276.00	743.64	452.09	14.10	4.25	975.05	1.38	2214.74	4.25	210.21	1.14	1412.30	276.00
276.00	744.84	541.01	15.34	4.20	1514.44	1.51	2419.22	4.20	346.34	1.34	1852.55	276.00
276.00	749.06	989.71	20.14	3.25	3560.50	1.34	2592.90	3.25	946.41	1.37	4071.14	276.00
285.50	740.35	104.52	7.95	2.92	0.00	0.00	700.00	2.92	19.60	.65	269.80	285.50
285.50	744.33	273.20	11.93	3.72	4.40	1.00	1497.53	3.72	297.98	1.29	537.87	285.50
285.50	746.72	474.77	14.32	4.44	105.14	2.40	2435.12	4.44	859.74	1.76	1034.58	285.50
285.50	747.73	594.61	15.33	5.26	211.69	2.92	2849.87	5.26	1218.43	1.94	1246.73	285.50
285.50	751.09	1057.39	18.89	5.34	854.50	3.97	3670.54	5.34	2574.97	2.09	2135.37	285.50
287.20	740.84	109.04	6.90	2.37	0.00	0.00	720.00	2.37	0.00	0.00	304.43	287.20
287.20	744.76	275.48	10.04	3.39	0.00	0.00	1400.00	3.39	0.00	0.00	530.87	287.20
287.20	747.32	482.12	13.42	4.99	0.00	0.00	2400.00	4.99	0.00	0.00	681.54	287.20
287.20	748.38	594.09	14.44	5.78	0.00	0.00	4300.00	5.78	0.00	0.00	744.24	287.20
287.20	751.64	1043.38	17.74	7.54	0.00	0.00	7100.00	7.54	0.00	0.00	936.25	287.20
288.00	740.87	110.24	6.17	2.07	0.00	0.00	720.00	2.07	0.00	0.00	347.18	288.00
288.00	744.81	274.66	10.11	2.38	0.00	0.00	1800.00	2.38	0.00	0.00	756.47	288.00
288.00	747.42	483.73	12.72	3.18	0.00	0.00	2400.00	3.18	0.00	0.00	1049.38	288.00
288.00	748.52	600.48	13.62	3.58	0.00	0.00	4300.00	3.58	0.00	0.00	1202.10	288.00
288.00	751.69	1065.72	17.10	4.42	0.00	0.00	7100.00	4.42	0.00	0.00	1605.57	288.00
289.50	741.15	111.34	6.90	1.56	0.00	0.00	470.00	1.56	0.00	0.00	302.08	289.50
289.50	745.19	279.19	10.94	2.73	7.33	.78	1689.51	2.73	103.17	1.29	708.45	289.50
289.50	747.67	486.13	13.62	1.58	146.71	1.34	1446.23	1.58	985.05	1.51	1490.23	289.50
289.50	749.06	605.61	14.61	1.44	230.61	1.37	1555.09	1.44	1008.30	1.53	1896.92	289.50
289.50	752.68	1074.21	18.43	1.33	596.94	1.41	1971.07	1.33	2231.99	1.57	3328.50	289.50
294.00	742.30	113.42	5.60	4.82	0.00	0.00	470.00	4.82	0.00	0.00	97.41	294.00
294.00	746.75	285.51	10.25	3.60	936.96	3.42	840.42	3.60	2.68	.70	516.49	294.00
294.00	748.26	499.87	11.78	2.66	1416.09	3.10	837.71	2.66	46.20	1.40	781.93	294.00
294.00	749.35	620.71	12.65	2.67	1821.94	3.05	882.06	2.67	95.98	1.61	986.98	294.00
294.00	752.61	1100.52	16.31	2.41	3379.62	2.99	1089.07	2.41	331.51	1.87	1763.60	294.00
297.30	744.75	114.45	7.15	2.69	0.00	0.00	469.95	2.69	.05	.24	174.91	297.30
297.30	748.17	289.34	10.57	4.41	157.02	2.11	1323.50	4.41	319.39	2.72	492.21	297.30
297.30	749.10	505.33	11.50	4.15	300.64	2.70	1586.05	4.15	520.51	2.90	658.92	297.30
297.30	749.97	627.59	12.37	3.91	645.08	2.97	1633.57	3.91	721.35	2.94	830.33	297.30
297.30	753.13	1113.22	15.53	3.22	1705.59	3.12	1540.38	3.22	1534.12	2.74	1590.19	297.30
299.20	745.40	115.24	6.90	2.52	0.00	0.00	470.00	2.52	0.00	0.00	186.40	299.20
299.20	749.10	291.18	10.64	5.11	0.00	1.00	1400.00	5.11	0.00	0.00	552.42	299.20
299.20	749.92	507.61	11.42	5.94	0.00	0.00	2300.00	5.94	0.00	0.00	587.27	299.20
299.20	750.61	630.32	12.11	6.09	0.00	0.00	2800.00	6.09	0.00	0.00	416.61	299.20
299.20	753.14	1117.85	14.86	9.00	0.00	0.00	4400.00	9.00	0.00	0.00	533.14	299.20

SECNO	CWSEL	VOL	DEPTH	VCH	GLOR	VLOR	ACH	VCH	WROR	VPOR	AREA	SECNO
299.80	745.72	115.44	4.82	4.25	0.00	0.00	470.00	4.25	0.00	0.00	110.53	299.80
299.80	749.62	291.58	8.72	7.95	0.00	0.00	1800.00	7.95	0.00	0.00	226.28	299.80
299.80	750.45	508.05	9.55	9.09	0.00	0.00	2300.00	9.09	0.00	0.00	253.09	299.80
299.80	751.20	630.60	10.30	10.11	0.00	0.00	2600.00	10.11	0.00	0.00	276.97	299.80
299.80	753.79	1118.47	12.89	13.34	0.00	0.00	4800.00	13.34	0.00	0.00	359.80	299.80
302.00	747.56	116.17	5.66	2.63	0.00	0.00	470.00	2.63	0.00	0.00	176.77	302.00
302.00	751.96	293.94	10.26	3.00	400.40	2.23	1147.45	3.00	252.14	1.70	709.96	302.00
302.00	752.97	511.06	11.27	2.81	657.66	2.41	1209.22	2.81	473.04	1.63	934.80	302.00
302.00	753.94	634.48	12.24	2.64	917.43	2.47	1259.04	2.64	623.53	1.87	1182.24	302.00
302.00	757.68	1125.21	15.98	2.15	1949.14	2.33	1409.96	2.15	1440.90	1.76	2310.18	302.00
308.00	750.89	116.26	5.40	3.77	0.00	0.00	470.00	3.77	0.00	0.00	124.74	308.00
308.00	753.93	302.75	8.53	4.08	491.92	2.64	1039.69	4.08	268.39	2.09	569.31	308.00
308.00	754.47	522.64	9.07	3.86	787.24	2.91	1075.45	3.86	430.79	2.27	741.67	308.00
308.00	755.07	649.19	9.67	3.49	1092.20	2.97	1069.60	3.49	638.17	2.28	953.27	308.00
308.00	756.08	1156.47	12.68	2.21	2190.24	2.46	1473.68	2.21	1636.06	1.63	2229.46	308.00
316.00	755.41	120.98	7.51	2.79	.01	.05	469.90	2.79	0.00	0.00	160.68	316.00
316.00	757.92	313.28	10.02	3.74	701.50	3.12	941.07	3.74	157.43	1.56	577.50	316.00
316.00	758.26	535.50	10.36	4.12	948.85	3.63	1083.07	4.12	268.08	1.99	658.00	316.00
316.00	758.48	664.50	10.58	4.56	1189.18	4.16	1235.10	4.56	375.75	2.30	713.77	316.00
316.00	759.40	1185.04	11.50	5.57	2195.77	5.63	1681.92	5.57	921.31	3.62	946.18	316.00
321.50	756.91	123.37	6.91	2.22	.00	.01	469.77	2.22	.23	.16	212.84	321.50
321.50	759.83	321.02	9.83	3.25	135.14	2.29	1098.06	3.25	568.80	2.26	648.04	321.50
321.50	760.38	544.38	10.38	3.53	207.01	2.67	1272.51	3.53	820.48	2.65	748.00	321.50
321.50	760.86	674.31	10.86	3.75	285.88	2.98	1434.22	3.75	1079.91	2.98	839.85	321.50
321.50	762.35	1198.79	12.35	4.52	641.85	3.98	2022.68	4.52	2135.47	4.05	1136.78	321.50
323.50	757.39	124.29	6.70	2.49	0.00	0.00	470.00	2.49	0.00	0.00	188.61	323.50
323.50	760.55	323.24	9.95	5.60	0.00	0.00	1800.00	5.60	0.00	0.00	321.70	323.50
323.50	761.14	546.90	10.50	6.62	0.00	0.00	2300.00	6.62	0.00	0.00	347.23	323.50
323.50	761.63	677.08	11.03	7.61	0.00	0.00	2600.00	7.61	0.00	0.00	366.06	323.50
323.50	763.03	1202.38	12.43	11.20	0.00	0.00	4800.00	11.20	0.00	0.00	428.42	323.50
324.50	757.75	124.68	7.15	3.14	0.00	0.00	470.00	3.14	0.00	0.00	149.76	324.50
324.50	761.55	323.90	10.95	7.13	0.00	0.00	1800.00	7.13	0.00	0.00	252.56	324.50
324.50	762.40	547.61	11.80	8.35	0.00	0.00	2300.00	8.35	0.00	0.00	275.47	324.50
324.50	763.16	677.80	12.56	9.44	0.00	0.00	2600.00	9.44	0.00	0.00	296.04	324.50
324.50	765.69	1203.29	15.09	13.18	0.00	0.00	4800.00	13.18	0.00	0.00	364.15	324.50
326.00	758.49	125.20	7.29	2.75	0.00	0.00	470.00	2.75	0.00	0.00	152.50	326.00
326.00	763.02	325.28	11.82	2.10	265.77	1.92	660.61	2.10	143.62	1.50	548.57	326.00
326.00	764.27	549.30	13.07	2.99	590.69	2.48	1075.62	2.99	327.68	2.28	704.01	326.00
326.00	765.38	679.82	14.18	3.03	820.54	3.16	1210.57	3.03	462.59	2.40	853.95	326.00
326.00	769.43	1206.52	18.23	2.77	1670.90	3.14	1513.42	2.77	1007.69	2.35	1509.84	326.00
337.00	763.58	129.06	4.68	2.60	0.00	0.00	261.56	2.60	158.44	2.89	153.78	337.00
337.00	765.25	335.63	6.35	4.00	0.00	0.00	602.07	4.00	487.93	3.89	270.73	337.00
337.00	766.86	567.59	7.96	3.17	27.08	1.70	647.58	3.17	1325.35	2.53	744.66	337.00
337.00	767.54	702.86	8.64	2.91	57.46	1.92	662.42	2.91	1780.11	2.50	970.56	337.00
337.00	770.41	1250.50	11.51	2.07	220.95	1.83	674.60	2.07	3290.25	2.16	1973.80	337.00

SECNO	CWSFL	VOL	DEPTH	VCH	GLOR	VLOG	QCH	VCH	GRQA	VPOA	AREA	SECNO
346.00	769.11	131.96	5.01	3.31	0.00	0.00	420.00	3.31	0.00	0.00	126.92	346.00
346.00	771.78	341.70	7.64	3.90	.05	.25	905.12	3.90	164.87	1.83	317.39	346.00
346.00	772.32	579.49	8.22	6.00	20.30	1.67	1492.31	6.00	487.38	3.33	407.41	346.00
346.00	772.39	717.22	8.29	7.30	32.20	2.19	1835.28	7.30	632.52	4.13	419.30	346.00
* 346.00	772.84	1276.11	8.74	10.23	143.71	4.58	2754.65	10.23	1301.45	6.38	504.88	346.00
352.00	771.49	134.44	5.19	1.60	0.00	0.00	420.00	1.60	0.00	0.00	233.15	352.00
352.00	774.07	346.69	7.77	2.51	4.21	.36	1065.79	2.51	0.00	0.00	435.79	352.00
352.00	775.86	586.95	9.56	3.36	55.45	.75	1696.46	3.36	48.00	1.32	674.89	352.00
352.00	776.62	725.66	10.32	3.64	103.63	.69	2275.19	3.64	120.98	1.87	807.12	352.00
352.00	776.59	1287.88	12.29	4.38	333.96	1.22	3416.28	4.38	449.76	3.00	1204.17	352.00
354.50	772.24	135.48	5.54	3.26	0.00	0.00	420.00	3.26	0.00	0.00	128.73	354.50
354.50	774.87	348.82	7.97	4.49	0.00	0.00	1070.00	4.49	0.00	0.00	238.12	354.50
354.50	776.62	589.82	9.92	6.10	0.00	0.00	2000.00	6.10	0.00	0.00	327.72	354.50
354.50	777.62	729.02	10.72	6.86	0.00	0.00	2500.00	6.86	0.00	0.00	364.29	354.50
354.50	779.68	1292.65	12.78	9.15	0.00	0.00	4200.00	9.15	0.00	0.00	454.16	354.50
355.50	772.69	135.60	4.89	2.83	0.00	0.00	420.00	2.83	0.00	0.00	148.65	355.50
355.50	775.41	346.40	7.61	4.03	0.00	0.00	1070.00	4.03	0.00	0.00	265.46	355.50
355.50	777.55	590.61	9.75	5.53	0.00	0.00	2000.00	5.53	0.00	0.00	361.63	355.50
355.50	778.45	729.40	10.65	6.21	0.00	1.00	2500.00	6.21	0.00	0.00	402.62	355.50
355.50	780.91	1293.77	13.11	8.19	0.00	0.00	4200.00	8.19	0.00	0.00	513.12	355.50
358.30	773.97	136.74	4.87	2.94	0.00	0.00	420.00	2.94	0.00	0.00	142.87	358.30
358.30	776.71	351.31	7.61	3.43	4.78	.57	1056.34	3.43	8.88	.76	327.73	358.30
358.30	779.03	594.21	9.93	3.51	161.02	1.24	1607.37	3.51	231.61	1.38	756.29	358.30
358.30	780.04	734.46	10.94	3.40	295.52	1.32	1709.87	3.40	404.61	1.51	1015.34	358.30
358.30	782.90	1301.33	13.80	3.22	905.79	1.62	2282.96	3.22	1011.26	1.77	1841.18	358.30
366.90	779.69	139.36	6.69	3.42	0.00	0.00	420.00	3.42	0.00	0.00	122.63	366.90
366.90	782.18	358.06	9.18	4.53	176.99	1.27	869.57	4.53	23.43	.92	356.37	366.90
366.90	783.22	607.71	10.22	5.26	666.44	2.16	1192.63	5.26	138.93	1.84	611.78	366.90
366.90	783.68	751.63	10.68	5.53	952.79	2.40	1334.10	5.53	213.11	2.15	723.83	366.90
366.90	785.24	1330.68	12.24	5.68	2012.85	3.11	1664.32	5.68	522.83	2.72	1131.95	366.90
374.00	783.45	141.53	5.65	2.64	0.00	0.00	380.00	2.64	0.00	0.00	143.89	374.00
374.00	785.64	355.49	8.04	2.73	366.94	1.11	602.10	2.73	.95	.33	555.20	374.00
374.00	786.87	519.96	9.27	3.15	941.41	1.54	837.95	3.15	20.64	.97	891.18	374.00
374.00	787.41	766.69	9.81	3.38	1295.54	1.77	967.24	3.38	37.20	1.21	1050.60	374.00
374.00	786.78	1351.94	11.18	3.67	2397.70	2.22	1304.08	3.67	96.22	1.70	1476.73	374.00
382.20	786.47	144.38	4.57	2.40	0.00	0.00	380.00	2.40	0.00	0.00	156.38	382.20
382.20	788.67	373.21	6.77	3.75	0.00	0.00	645.73	3.75	4.27	.63	264.42	382.20
382.20	790.31	632.04	8.41	5.04	0.00	0.00	1705.45	5.04	94.55	1.75	392.61	382.20
382.20	791.07	780.30	9.17	5.50	0.00	0.00	2106.65	5.50	193.14	2.24	462.96	382.20
382.20	792.77	1371.97	10.87	6.84	0.00	0.00	3203.42	6.84	596.58	3.27	651.27	382.20
389.00	791.07	146.35	3.17	4.04	0.00	0.00	380.00	4.04	0.00	0.00	94.03	389.00
389.00	793.61	377.02	5.71	4.48	4.45	.83	960.98	4.48	4.16	1.01	224.55	389.00
389.00	795.61	638.39	7.71	5.14	117.79	1.02	1625.15	5.14	57.06	1.78	420.87	389.00
389.00	796.44	785.44	8.54	5.29	300.77	1.82	1697.21	5.29	102.01	1.97	575.73	389.00
389.00	798.28	1384.71	10.38	5.56	1011.39	2.42	2516.66	5.56	271.76	2.45	980.71	389.00

SECNO	CWSEL	VGL	DEPTH	VCH	GLOR	VLOR	QCH	VCH	VRUP	VHUP	AREA	SECNO
393.00	795.16	147.34	4.96	3.12	0.00	0.00	380.00	3.12	0.00	0.00	121.90	393.00
393.00	797.42	379.10	7.22	4.70	39.95	1.36	430.04	4.70	0.00	0.00	227.13	393.00
393.00	799.12	642.08	8.92	5.87	252.43	2.57	1516.60	5.87	28.97	1.18	361.34	393.00
393.00	799.79	793.22	9.50	6.40	397.75	2.92	1611.60	6.40	90.65	1.84	465.62	393.00
393.00	801.32	1392.36	11.12	7.59	880.64	3.65	2565.27	7.59	353.89	3.00	684.78	393.00
394.70	796.07	147.68	4.97	2.20	0.00	0.00	340.00	2.20	0.00	0.00	154.56	394.70
394.70	798.63	380.09	7.53	3.13	0.00	0.00	490.06	3.13	0.00	0.00	284.76	394.70
394.70	800.53	643.57	9.43	4.43	0.00	0.00	1700.00	4.43	0.00	0.00	383.69	394.70
394.70	801.29	794.96	10.10	4.96	0.00	0.00	2100.00	4.96	0.00	0.00	423.24	394.70
394.70	802.96	1394.69	11.66	6.86	0.00	0.00	3500.00	6.86	0.00	0.00	510.18	394.70
395.70	796.08	144.10	4.18	2.83	0.00	0.00	340.00	2.83	0.00	0.00	120.15	395.70
395.70	798.65	380.71	6.75	3.53	0.00	0.00	490.09	3.53	0.00	0.00	252.02	395.70
395.70	802.36	644.56	10.46	3.56	0.00	0.00	1700.00	3.56	0.00	0.00	479.20	395.70
395.70	804.18	796.12	12.28	3.55	0.00	0.00	2100.00	3.55	0.00	0.00	591.93	395.70
395.70	811.36	1396.46	19.46	3.37	0.00	0.00	3500.00	3.37	0.00	0.00	1037.21	395.70
-289.50	741.15	148.10	6.90	1.13	0.00	0.00	340.00	1.13	0.00	0.00	302.08	-289.50
-289.50	745.10	380.71	10.94	1.35	3.62	.39	635.37	1.35	51.01	.64	708.44	-289.50
-289.50	747.27	644.56	13.62	1.17	110.17	.99	1082.65	1.17	507.18	1.12	1492.83	-289.50
-289.50	749.06	796.12	14.61	1.10	177.45	1.02	1166.32	1.10	756.23	1.15	1896.92	-289.50
-289.50	752.68	1396.46	16.43	.97	435.27	1.03	1437.23	.97	1627.50	1.14	3328.51	-289.50
3.20	741.36	149.06	6.26	3.60	0.00	0.00	420.00	3.60	0.00	0.00	116.54	3.20
3.20	745.42	382.84	10.32	4.20	.12	.47	986.14	4.20	83.74	.95	523.00	3.20
3.20	747.97	650.00	12.87	2.50	19.03	.97	508.45	2.50	1171.61	1.48	1138.26	3.20
3.20	749.13	803.32	14.03	2.11	36.46	.94	766.25	2.11	1693.29	1.43	1587.46	3.20
3.20	752.71	1409.90	17.61	1.56	126.23	.87	761.01	1.56	3312.76	1.31	3172.24	3.20
4.20	741.40	149.41	6.30	2.24	0.00	0.00	420.00	2.24	0.00	0.00	187.25	4.20
4.20	746.25	383.78	10.65	2.52	.25	.41	756.93	2.52	312.82	1.63	493.10	4.20
4.20	748.17	652.55	12.57	1.72	.34	.27	606.60	1.72	1390.87	1.90	1087.72	4.20
4.20	749.25	802.63	13.65	1.44	2.21	.41	574.25	1.44	1923.50	1.81	1465.20	4.20
4.20	752.66	1417.28	17.26	1.58	32.53	.73	1002.06	1.58	3159.42	1.23	3263.38	4.20
9.00	743.22	151.33	6.42	2.58	0.00	0.00	420.00	2.58	0.00	0.00	162.61	9.00
9.00	747.63	389.20	10.83	2.59	159.01	1.16	895.95	2.59	15.04	.66	506.79	9.00
9.00	749.23	662.92	12.43	3.17	545.35	1.92	1325.16	3.17	129.42	1.41	794.25	9.00
9.00	750.04	820.17	13.24	3.28	754.94	2.15	1690.05	3.28	225.01	1.63	956.21	9.00
9.00	753.04	1444.23	16.24	3.08	1657.26	2.45	1816.47	3.08	726.27	2.01	1627.55	9.00
10.00	743.95	151.61	7.05	5.40	0.00	0.00	420.00	5.40	0.00	0.00	76.48	10.00
10.00	747.66	390.56	10.76	2.11	107.92	.81	983.99	2.11	6.00	.57	599.73	10.00
10.00	749.25	664.65	12.35	2.79	431.76	1.40	1506.13	2.79	62.11	1.15	683.11	10.00
10.00	750.06	822.46	13.16	2.97	653.96	1.73	1733.03	2.97	113.00	1.41	1041.81	10.00
10.00	753.15	1448.05	16.25	2.97	1578.77	2.14	2236.45	2.97	384.78	1.81	1704.63	10.00
15.00	747.64	153.24	6.64	2.10	26.42	.91	395.08	2.10	0.00	0.00	207.92	15.00
15.00	748.59	395.60	7.56	4.27	141.10	2.35	928.30	4.27	.59	.64	276.49	15.00
15.00	750.42	672.50	9.42	5.11	483.77	3.38	1476.73	5.11	39.50	2.16	450.21	15.00
15.00	751.22	831.53	10.22	5.30	695.54	3.70	1725.36	5.30	79.10	2.66	537.90	15.00
15.00	753.94	1462.93	12.94	5.57	1542.86	3.08	2374.86	5.57	282.28	3.40	887.72	15.00

SECNO	CWSEL	VOL	DEPTH	VCH	VLOR	VLOR	QCH	VCH	QROR	VPOR	AREA	SECNO
40.00	755.97	163.37	3.67	2.79	0.00	0.00	400.00	2.79	0.00	0.00	143.37	40.00
40.00	759.42	414.59	7.12	2.95	0.00	0.00	891.16	2.95	108.84	1.35	383.42	40.00
40.00	761.35	704.05	9.05	3.55	28.34	1.15	1409.68	3.55	511.96	2.25	649.13	40.00
40.00	762.09	868.92	9.79	3.78	67.32	1.57	1638.57	3.78	704.11	2.55	765.11	40.00
40.00	763.81	1518.66	11.51	4.42	223.80	2.40	2290.59	4.42	1485.62	3.35	1054.31	40.00
50.30	763.52	165.60	4.62	3.54	0.00	0.00	260.00	3.54	0.00	0.00	73.51	50.30
50.30	764.79	420.47	5.80	6.33	.60	.60	694.74	6.33	4.65	1.45	113.78	50.30
50.30	766.39	714.30	7.40	6.72	115.46	3.07	1058.30	6.72	126.24	3.57	226.11	50.30
50.30	767.00	881.25	8.10	6.80	195.17	3.95	1194.36	6.80	210.07	3.98	277.44	50.30
50.30	768.77	1536.51	9.87	7.06	517.27	4.84	1618.91	7.06	563.82	4.74	455.05	50.30
51.30	764.46	166.07	4.86	3.11	0.00	0.00	260.00	3.11	0.00	0.00	83.66	51.30
51.30	766.79	420.76	7.19	4.96	0.00	0.00	700.00	4.96	0.00	0.00	141.00	51.30
51.30	768.22	714.66	8.62	7.17	.13	.64	1299.77	7.17	.10	.64	181.59	51.30
51.30	768.73	881.80	9.13	8.13	3.25	1.53	1590.08	8.13	2.67	1.52	199.84	51.30
51.30	770.09	1537.34	10.49	10.95	64.96	3.68	2581.51	10.95	53.23	3.67	267.88	51.30
* 51.90	764.90	166.10	3.90	4.67	0.00	0.00	260.00	4.67	0.00	0.00	26.40	51.90
* 51.90	767.55	420.90	6.55	13.19	0.00	0.00	700.00	13.19	0.00	0.00	53.09	51.90
* 51.90	770.27	715.00	9.27	16.19	0.00	0.00	1300.00	16.19	0.00	0.00	80.30	51.90
* 51.90	771.50	882.00	10.50	17.29	0.00	0.00	1600.00	17.29	0.00	0.00	92.56	51.90
* 51.90	773.39	1537.90	12.39	12.68	539.32	3.10	1814.23	12.68	746.46	2.63	544.46	51.90
52.80	766.51	166.21	5.51	6.00	0.00	0.00	260.00	6.00	0.00	0.00	42.68	52.80
* 52.80	766.66	421.02	7.66	10.90	0.00	0.00	700.00	10.90	0.00	0.00	64.20	52.80
* 52.80	774.33	717.23	13.33	1.55	605.71	.61	187.49	1.55	506.80	.55	2037.35	52.80
* 52.80	776.13	884.62	15.13	1.45	741.17	.58	201.25	1.45	657.59	.54	2640.10	52.80
* 52.80	776.12	1541.18	15.12	2.45	1250.73	.98	339.71	2.45	1109.58	.91	2638.48	52.80
53.20	767.39	166.35	6.39	2.52	103.53	.71	129.68	2.52	26.70	.45	256.67	53.20
53.20	771.61	421.61	10.61	1.48	329.93	.53	133.12	1.48	234.95	.46	1224.57	53.20
53.20	774.33	719.10	13.33	1.55	605.71	.61	187.45	1.55	506.84	.55	2038.19	53.20
53.20	776.13	887.25	15.13	1.45	741.16	.58	201.22	1.45	657.61	.54	2640.61	53.20
53.20	776.13	1543.61	15.13	2.45	1250.72	.98	339.58	2.45	1109.70	.90	2640.37	53.20
55.30	767.48	167.62	5.88	1.56	109.93	.69	134.92	1.56	15.15	.62	269.35	55.30
55.30	771.62	427.29	10.02	.61	464.10	.61	130.64	.61	105.24	.49	1130.11	55.30
55.30	776.34	728.42	12.74	.88	866.02	.72	184.57	.88	249.61	.61	1825.50	55.30
55.30	776.13	894.24	14.53	.83	1062.76	.62	201.03	.83	336.20	.66	2332.64	55.30
55.30	776.14	1555.60	14.54	1.40	1793.37	1.17	339.02	1.40	567.61	1.01	2335.85	55.30
-389.00	791.07	167.62	3.17	2.79	0.00	0.00	260.00	2.79	0.00	0.00	93.14	-389.00
-389.00	793.61	427.29	5.71	3.20	3.52	.60	693.61	3.20	2.67	.73	223.50	-389.00
-389.00	795.61	728.42	7.71	3.73	80.33	1.17	1176.68	3.73	36.70	1.29	418.01	-389.00
-389.00	796.44	894.24	8.54	3.70	210.80	1.28	1326.05	3.70	63.15	1.38	549.17	-389.00
-389.00	796.28	1555.60	10.38	4.00	726.92	1.75	1806.59	4.00	162.48	1.65	968.19	-389.00
-0.00	791.34	167.62	3.40	1.61	0.00	0.00	80.00	1.61	0.00	0.00	49.69	-0.00
-0.00	793.65	427.38	5.95	1.91	0.00	0.00	214.25	1.91	.75	.25	117.63	-0.00
-0.00	795.66	726.60	7.96	2.23	.45	.22	393.69	2.23	23.64	.68	214.68	-0.00
-0.00	796.65	894.62	8.75	2.34	3.57	.36	473.27	2.34	43.16	.74	269.54	-0.00
-0.00	796.46	1555.01	10.56	2.61	29.50	.50	680.45	2.61	119.96	.94	436.68	-0.00

SECNO	CWSEL	VOL	DEPTH	VCH	GLOR	VLOR	ACH	VCH	UROR	VROR	AREA	SECNO	
.25	791.44	167.68	2.55	2.48	0.00	0.00	80.00	2.48	0.00	0.00	32.23	.25	
.25	793.91	427.44	5.03	2.49	0.00	0.00	220.00	2.49	0.00	0.00	86.51	.25	
.25	795.90	728.71	7.01	2.78	0.00	0.00	408.73	2.78	11.27	.71	163.18	.25	
.25	796.68	899.61	7.80	2.86	.28	.24	492.89	2.86	26.83	.85	204.94	.25	
.25	798.49	1556.23	9.61	3.14	15.31	.61	722.58	3.14	92.01	1.06	341.67	.25	
.50	791.80	167.70	1.93	3.69	0.00	0.00	80.00	3.69	0.00	0.00	21.69	.50	
.50	794.05	427.49	4.18	3.31	0.00	0.00	220.00	3.31	0.00	0.00	66.55	.50	
.50	795.99	728.79	6.12	3.50	0.00	0.00	417.70	3.50	2.21	.54	123.61	.50	
.50	796.76	899.72	6.89	3.55	0.00	0.00	508.08	3.55	11.92	.87	156.83	.50	
.50	798.54	1556.40	8.67	3.78	5.08	.57	756.04	3.78	66.88	1.22	264.01	.50	
.75	792.67	167.71	1.82	4.02	0.00	0.00	80.00	4.02	0.00	0.00	19.90	.75	
.75	794.35	427.52	3.50	4.31	0.00	0.00	220.00	4.31	0.00	0.00	50.99	.75	
.75	796.18	728.85	5.32	4.34	0.00	0.00	420.00	4.34	.00	.01	96.75	.75	
.75	796.91	899.80	6.05	4.39	0.00	0.00	517.63	4.39	2.37	.65	121.54	.75	
.75	798.64	1556.54	7.79	4.59	.41	.38	787.25	4.59	42.34	1.35	203.88	.75	
1.00	793.68	167.72	1.84	5.97	0.00	0.00	80.00	5.97	0.00	0.00	20.13	1.00	
1.00	794.97	427.55	3.12	5.08	0.00	0.00	220.00	5.08	0.00	0.00	43.32	1.00	
1.00	796.55	728.90	4.70	5.26	0.00	0.00	420.00	5.26	0.00	0.00	79.88	1.00	
1.00	797.21	899.86	5.37	5.30	0.00	0.00	519.95	5.30	.00	.29	98.25	1.00	
1.00	798.84	1556.64	7.00	5.50	0.00	0.00	806.07	5.50	21.93	1.40	162.51	1.00	
1.25	794.66	167.73	1.83	5.96	0.00	0.00	80.00	5.96	0.00	0.00	20.22	1.25	
1.25	795.87	427.57	3.04	5.31	0.00	0.00	220.00	5.31	0.00	0.00	41.42	1.25	
1.25	797.17	728.94	4.34	5.95	0.00	0.00	420.00	5.95	0.00	0.00	70.60	1.25	
1.25	797.75	899.91	4.92	6.07	0.00	0.00	520.00	6.07	0.00	0.00	85.60	1.25	
1.25	799.20	1556.73	6.37	6.44	0.00	0.00	821.84	6.44	6.16	1.18	134.44	1.25	
1.50	795.64	167.75	1.82	5.98	0.00	0.00	80.00	5.98	0.00	0.00	20.08	1.50	
1.50	796.84	427.60	3.03	5.34	0.00	0.00	220.00	5.34	0.00	0.00	41.21	1.50	
1.50	798.01	728.98	4.20	6.26	0.00	0.00	420.00	6.26	0.00	0.00	67.10	1.50	
1.50	798.52	899.96	4.70	6.52	0.00	0.00	520.00	6.52	0.00	0.00	79.61	1.50	
1.50	799.79	1556.80	5.98	7.15	0.00	0.00	826.98	7.15	5.02	1.01	118.62	1.50	
*	2.00	796.77	167.76	8.49	0.00	0.00	80.00	8.49	0.00	0.00	9.42	2.00	
*	2.00	800.90	427.63	5.04	12.15	0.00	220.00	12.15	0.00	0.00	18.11	2.00	
*	2.00	803.39	729.04	7.49	15.05	0.00	420.00	15.05	0.00	0.00	27.90	2.00	
*	2.00	804.46	900.02	6.54	16.15	0.00	519.90	16.15	0.00	0.00	32.19	2.00	
*	2.00	807.42	1556.89	11.52	18.85	0.00	829.99	18.85	0.00	0.00	44.03	2.00	
*	3.10	803.18	167.79	4.21	5.44	0.00	80.00	5.44	0.00	0.00	14.71	3.10	
*	3.10	811.02	427.71	12.05	4.77	0.00	220.00	4.77	0.00	0.00	46.09	3.10	
*	3.10	827.97	738.66	29.06	.18	242.22	.08	20.79	.12	156.99	.05	7577.50	3.10
*	3.10	828.16	909.75	29.10	.22	299.27	.07	25.50	.22	195.15	.06	7674.13	3.10
*	3.10	828.52	1556.89	29.55	.35	475.72	.11	40.38	.35	513.90	.09	7870.65	3.10
3.60	803.92	167.86	4.72	.75	0.00	0.00	80.00	.75	0.00	0.00	105.72	3.60	
3.60	811.59	428.15	12.30	.44	4.02	.04	209.51	.44	6.47	.05	721.25	3.60	
3.60	827.97	746.60	28.77	.17	109.35	.06	226.43	.17	82.22	.04	6645.32	3.60	
3.60	828.16	918.02	28.96	.20	135.88	.05	291.89	.20	102.23	.04	6722.38	3.60	
3.60	828.52	1575.35	29.32	.32	218.29	.07	447.25	.32	164.44	.07	6660.29	3.60	

POSSIBLE ERROR SECNO= 306.00 PROFILE= 5 CRITICAL DEPTH ASSUMED

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POSSIBLE ERROR SECNO= 51.90 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 51.90 PROFILE= 2 CRITICAL DEPTH ASSUMED