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

T1 STREAM 15L LEXINGTON-DAVIDSON CO.
 T2 FLOODPLAIN STUDY AT ROMAN & DAVIDSON COUNTIES 9-6 JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

J1	TCHECK	IBG	HINV	IBIR	STRT	METRIC	HVINS	Q	ESEL	FR
	-1.	2.	0.	0.	0.040000	0.0	0.0	0.	631.100	0.0
J2	MPROF	IDLOT	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIN	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	34.000	25.000	50.000	0.0	201.000	0.0	0.0	0.0	0.0	0.0
T0	0.000	0.055	0.055	0.100	0.300	0.0	0.0	0.0	0.0	0.0
T1	0.000	350.000	626.000	750.000	1060.000	0.0	0.0	0.0	0.0	0.0
T2	0.000	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0
J1	438.000	11.000	1120.000	1136.000	330.000	330.000	330.000	0.0	0.0	0.0
J2	501.500	1000.000	232.300	1060.000	628.500	1100.000	628.100	1120.000	626.300	1125.000
J3	630.100	1128.000	236.200	1131.000	631.200	1136.000	630.800	1145.000	632.000	1155.000
J4	641.500	1121.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J5	4.000	1250.000	430.000	560.000	636.000	0.0	0.0	0.0	0.0	0.0
J6	938.000	12.000	1096.000	1094.000	562.000	562.000	562.000	0.0	0.0	0.0
J7	667.000	1000.000	23.000	1014.000	655.000	1034.000	655.500	1043.000	653.600	1063.000
J8	553.900	1000.000	22.200	1008.000	652.000	1090.000	652.300	1092.000	653.700	1094.000
J9	667.400	1100.000	227.000	1144.000	0.0	0.0	0.0	0.0	0.0	0.0
J10	1143.000	0.0	0.0	0.0	250.000	250.000	250.000	0.0	19.200	0.0
J11	1242.000	25.000	1141.000	1150.000	100.000	100.000	100.000	0.0	0.0	0.0
J12	10.000	0.0	0.0	0.0	0.0	0.0	0.0	691.800	691.800	0.0
J13	711.100	1000.000	225.800	1050.000	695.000	1074.000	682.600	1094.000	682.100	1103.000
J14	630.400	1123.000	222.400	1141.500	681.200	1102.100	680.600	1143.300	681.200	1144.500
J15	552.400	1145.000	679.600	1149.000	679.100	1144.200	678.500	1149.700	679.100	1150.200
J16	679.600	1150.000	679.100	1152.000	680.500	1154.000	682.200	1160.000	691.800	1200.000
J17	691.800	1300.000	707.600	1400.000	711.200	1426.000	0.0	0.0	0.0	0.0
J18	0.025	0.125	0.025	0.100	0.300	0.0	0.0	0.0	0.0	0.0

 HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
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T1 STREAM 15L LEXINGTON-DAVIDSON CO.
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	NIMV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-10.	5.	0.	0.	040000	0.0	0.0	0.	632.100	0.0
J2	WPROF	IOLET	PREVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 2

CCHV= 0.100 CCHV= 0.300
 *SECTO 330.000

SECTO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	VLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
330.00	4.06	630.16	630.16	632.10	631.09	0.93	0.0	0.0	628.10
620.	203.	417.	0.	52.	46.	0.	0.	0.	631.20
0.0	3.62	9.05	0.0	0.055	0.035	0.055	0.0	626.10	1082.55
0.011844	330.	330.	330.	0	19	0	0.0	52.39	1134.94

*SECTO 892.000

SECTO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	VLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3685.20	TRIALS ATTEMPTED WSEL, CWSEL								
3693	PROBABLE MINIMUM SPECIFIC ENERGY								
3720	CRITICAL DEPTH ASSUMED								
892.00	3.51	655.51	655.51	0.0	656.13	0.62	6.56	0.03	653.90
450.	235.	199.	16.	62.	23.	6.	1.	1.	653.70
0.03	3.78	8.53	2.74	0.055	0.035	0.055	0.035	652.00	1039.15
0.011432	562.	562.	562.	20	10	0	0.0	61.26	1100.43

*SECTO 1142.000

SECTO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	VLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
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T1 STREAM 15L LEXINGTON-DAVIDSON CO.
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INC	MINV	TOTK	STRT	METRIC	HVINS	Q	WSEL	FR
	-10.	4.	0.	0.	0.040000	0.0	0.0	0.	634.100	0.0
J2	NDPROF	IPLOT	PREVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 3

CCHV= 0.100 CEHV= 0.300
 *SECNO 330.000

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
330.00	4.35	630.45	630.45	634.10	631.45	1.00	0.0	0.0	628.10
750.	269.	401.	0.	63.	51.	0.	0.	0.	631.20
0.0	4.28	9.52	0.0	0.055	0.035	0.055	0.0	626.10	1079.50
0.011998	330.	330.	330.	0	11	0	0.0	55.73	1135.23

*SECNO 892.000

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
892.00	3.71	655.71	655.71	0.0	656.43	0.72	6.87	0.03	653.90
560.	305.	233.	23.	72.	25.	7.	1.	1.	653.70
0.02	4.24	9.34	3.20	0.055	0.035	0.055	0.035	652.00	1035.59
0.012550	562.	562.	562.	20	12	0	0.0	65.60	1101.18

*SECNO 1142.000

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

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T1 STREAM 15L LEXINGTON-DAVIDSON CO.
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVHS	Q	WSEL	FG
	-10.	5.	0.	0.	0.040000	0.0	0.0	0.	635.100	0.0
J2	MPROF	IPLOT	PRFVS	XSECV	XSECH	FM	ALLOC	IRW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

*PROF 4

COHV= 0.100 CEIV= 0.300
 *SECNO 330.000

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720	CRITICAL DEPTH ASSUMED								
330.00	4.98	631.08	631.08	635.10	632.22	1.14	0.0	0.0	628.10
1080.	451.	628.	1.	91.	60.	1.	0.	0.	631.20
0.0	4.96	10.40	0.21	0.055	0.035	0.055	0.0	626.10	1072.80
0.012092	330.	330.	330.	0	11	0	0.0	71.63	1147.37

*SECNO 892.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3685 20 TRIALS ATTEMPTED WSC1, CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

892.00	4.18	656.18	656.18	0.0	657.05	0.87	7.09	0.03	653.90
830.	494.	303.	43.	96.	29.	11.	2.	1.	653.70
0.02	5.02	10.57	3.94	0.055	0.035	0.055	0.035	652.00	1032.94
0.013341	862.	562.	562.	20	12	0	0.0	70.02	1102.96

*SECNO 1142.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST.

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 330.000	330.00	0.0	0.0	350.00	626.10	629.45 ✓	629.45	7.55	1089.95	1134.22	63.78	0.0
330.000	330.00	0.0	0.0	620.00	626.10	630.16	630.16	9.05	1082.55	1134.94	97.77	0.70
330.000	330.00	0.0	0.0	750.00	626.10	630.45 ✓	630.45	9.52	1079.50	1135.23	113.41	0.29
330.000	330.00	0.0	0.0	1080.00	626.10	631.08	631.08	10.40	1072.80	1147.37	152.45	0.64
* 892.000	562.00	0.0	0.0	250.00	652.00	654.95	654.95	7.15	1047.12	1098.41	59.87	0.0
892.000	562.00	0.0	0.0	450.00	652.00	655.51	655.51	8.53	1039.15	1100.43	91.37	0.56
892.000	562.00	0.0	0.0	560.00	652.00	655.71	655.71	9.34	1035.59	1101.18	103.93	0.20
892.000	562.00	0.0	0.0	830.00	652.00	656.18	656.18	10.57	1032.94	1102.96	135.99	0.47
* 1142.000	250.00	0.0	0.0	250.00	671.20	674.12	674.12	7.32	1047.45	1098.31	58.45	0.0
1142.000	250.00	0.0	0.0	450.00	671.20	674.63	674.63	9.01	1040.59	1100.13	86.54	0.51
1142.000	250.00	0.0	0.0	560.00	671.20	674.89	674.89	9.44	1035.96	1101.10	102.56	0.26
1142.000	250.00	0.0	0.0	830.00	671.20	675.35	675.35	10.75	1033.03	1102.84	133.81	0.46
* 1242.000	100.00	0.0	0.0	250.00	678.90	683.63	683.63	9.66	1141.50	1150.50	25.88	0.0
1242.000	100.00	0.0	0.0	450.00	678.90	684.99	684.99	11.82	1141.50	1150.50	38.08	1.35
1242.000	100.00	0.0	0.0	560.00	678.90	685.65	685.65	12.70	1141.50	1150.50	44.08	0.67
1242.000	100.00	0.0	0.0	830.00	678.90	687.14	687.14	14.45	1141.50	1150.50	57.42	1.48
* 1243.000	1.00	691.80	684.10	250.00	678.90	692.77	692.77	6.85	1063.62	1224.16	40.97	0.0
1243.000	1.00	691.80	684.10	450.00	678.90	693.26	693.26	6.19	1061.90	1236.45	65.71	0.49
1243.000	1.00	691.80	684.10	560.00	678.90	693.68	693.68	4.27	1060.43	1246.91	97.58	0.42
1243.000	1.00	691.80	684.10	830.00	678.90	693.93	693.93	4.20	1059.56	1253.16	124.54	0.25
1309.000	66.00	691.80	684.10	250.00	678.90	693.64	0.0	2.00	1060.55	1246.08	94.53	0.0
1309.000	66.00	691.80	684.10	450.00	678.90	694.19	0.0	1.87	1058.63	1259.89	158.05	0.55
1309.000	66.00	691.80	684.10	560.00	678.90	694.32	0.0	2.13	1058.19	1263.04	174.29	0.13
1309.000	66.00	691.80	684.10	830.00	678.90	694.75	0.0	2.44	1056.69	1273.87	233.30	0.43
1310.000	1.00	0.0	0.0	250.00	678.90	693.76	0.0	0.19	1060.13	1249.10	1420.35	0.0
1310.000	1.00	0.0	0.0	450.00	678.90	694.34	0.0	0.32	1058.13	1263.51	1434.01	0.58
1310.000	1.00	0.0	0.0	560.00	678.90	694.51	0.0	0.39	1057.55	1267.65	1468.45	0.17
1310.000	1.00	0.0	0.0	830.00	678.90	694.98	0.0	0.55	1055.91	1279.45	1570.77	0.47
1410.000	100.00	0.0	0.0	250.00	678.90	693.76	0.0	0.10	952.47	1215.06	2734.68	0.0
1410.000	100.00	0.0	0.0	450.00	678.90	694.34	0.0	0.17	951.32	1217.36	2987.29	0.58
1410.000	100.00	0.0	0.0	560.00	678.90	694.51	0.0	0.21	950.98	1218.03	2931.61	0.17
1410.000	100.00	0.0	0.0	830.00	678.90	694.98	0.0	0.29	950.04	1219.93	3059.03	0.47

626.1 ✓
 626.1 ✓

* A
 * B
 * C

D

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
* 2144.000	734.00	0.0	0.0	250.00	708.90	712.58	712.58	7.39	1031.88	1099.26	37.20	0.0
* 2144.000	734.00	0.0	0.0	450.00	708.90	713.34	713.34	8.08	1028.83	1100.92	60.40	0.76
* 2144.000	734.00	0.0	0.0	560.00	708.90	713.64	713.64	8.58	1027.66	1102.05	71.18	0.29
* 2144.000	734.00	0.0	0.0	830.00	708.90	714.25	714.25	9.43	1025.21	1104.38	97.04	0.61

SUMMARY OF ERRORS

CAUTION SECNO= 330.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 330.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 330.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 330.000 PROFILE= 4 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 892.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 892.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 892.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 892.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 892.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 892.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 892.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 892.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 892.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 892.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 892.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 892.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1142.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1142.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1142.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1142.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1142.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1142.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1142.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1142.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1142.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1142.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1142.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1142.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1242.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1242.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1242.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1242.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1242.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1242.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1242.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1242.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1242.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 1242.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1242.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1242.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 1243.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1243.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 1243.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10r	20	0.20
330.000	0.	-1.0	-0.3	0.6
892.000	562.	-0.8	-0.2	0.5
1142.000	812.	-0.8	-0.3	0.5
1242.000	912.	-2.0	-0.7	1.5
1243.000	913.	-0.9	-0.4	0.2
1309.000	979.	-0.7	-0.1	0.4
1310.000	980.	-0.7	-0.2	0.5
1410.000	1080.	-0.7	-0.2	0.5
2144.000	1814.	-1.1	-0.3	0.6
WEIGHTED AVG FOR REACH		-0.9	-0.2	0.5

FHF FOR THE REACH = 0.10 WITH 94.4% OF THE REACH WITHIN 0.5 FEET ZONE FOR THE REACH = A 2