

BEARSKIN

CREEK

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

BEARSKIN CREEK

T1 UNION COUNTY, NC
 T2 100 YEAR NATURAL FLOOD
 T3 BEARSKIN CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.0	0.0	0.0	0.	585.610	0.0

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	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									
	110.000	200.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

OT	5.000	1650.000	3040.000	3900.000	5830.000	3900.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
NC	0.120	0.120	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	350.300	14.000	255.000	273.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	592.000	0.0	588.000	40.000	586.000	50.000	582.000	90.000	580.000	180.000
GR	574.400	255.000	569.800	257.000	569.800	271.000	574.400	273.000	580.000	305.000
GR	582.000	335.000	588.000	360.000	590.000	375.000	592.000	385.000	0.0	0.0
NC	0.090	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	367.200	13.000	115.000	133.000	1690.000	1690.000	1690.000	0.0	0.0	0.0
GR	592.000	0.0	588.000	30.000	586.000	35.000	584.000	50.000	582.000	60.000
GR	580.000	95.000	577.600	115.000	573.700	118.000	573.700	130.000	577.600	133.000
GR	584.000	140.000	590.000	155.000	592.000	165.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0
NC	0.060	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	387.900	13.000	642.000	658.000	2070.000	2070.000	2070.000	0.0	0.0	0.0
GR	612.400	325.000	604.900	425.000	596.600	520.000	592.500	560.000	589.500	615.000
GR	584.400	642.000	580.200	644.000	580.200	655.000	584.600	658.000	588.900	675.000
GR	605.700	735.000	615.800	840.000	615.900	905.000	0.0	0.0	0.0	0.0
NC	0.100	0.150	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	405.900	25.000	1207.000	1222.000	1800.000	1800.000	1800.000	0.0	0.0	0.0
GR	610.000	235.000	608.000	305.000	611.000	400.000	612.300	485.000	614.200	555.000
GR	610.000	610.000	607.100	670.000	608.500	780.000	611.600	880.000	610.000	975.000
GR	607.500	1045.000	603.600	1090.000	596.700	1140.000	596.400	1180.000	592.300	1207.000
GR	588.000	1209.000	588.000	1220.000	592.500	1222.000	593.000	1231.000	596.000	1250.000
GR	596.500	1315.000	604.000	1350.000	608.000	1380.000	613.700	1415.000	619.800	1455.000
NC	0.050	0.080	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9.400	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN USA

X1	424.100	19.000	543.000	558.000	1820.000	1820.000	1820.000	0.0	0.0	0.0
GR	621.600	120.000	617.100	195.000	614.300	280.000	609.200	350.000	603.400	430.000
GR	598.400	480.000	600.100	520.000	598.500	534.000	598.000	543.000	594.100	546.000
GR	594.100	556.000	598.000	558.000	598.100	565.000	599.300	580.000	599.800	615.000
GR	602.000	670.000	609.200	715.000	619.800	765.000	624.500	820.000	0.0	0.0
NC	0.070	0.050	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	440.500	23.000	872.000	888.000	1640.000	1640.000	1640.000	0.0	0.0	0.0
GR	623.000	300.000	619.000	370.000	614.000	430.000	613.000	500.000	612.500	585.000
GR	610.800	655.000	604.700	740.000	600.100	790.000	599.200	815.000	600.000	860.000
GR	599.000	872.000	596.000	874.000	596.000	886.000	599.000	888.000	599.700	900.000
GR	600.100	935.000	612.200	990.000	617.900	1030.000	620.300	1080.000	620.400	1150.000
GR	620.900	1210.000	622.100	1290.000	623.200	1450.000	0.0	0.0	0.0	0.0
NC	0.090	0.090	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	464.000	15.000	947.000	963.000	2350.000	2350.000	2350.000	0.0	0.0	0.0
GR	629.300	445.000	628.000	535.000	624.100	600.000	620.300	655.000	612.900	740.000
GR	606.300	790.000	605.600	860.000	606.000	920.000	602.500	947.000	599.000	949.000
GR	599.000	961.000	602.500	963.000	605.000	980.000	620.000	1030.000	630.000	1090.000
NC	0.070	0.120	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	1200.000	2200.000	2830.000	4230.000	2830.000	0.0	0.0	0.0	0.0

X1	478.200	17.000	582.000	598.000	1420.000	1420.000	1420.000	0.0	0.0	0.0
GR	630.700	210.000	626.400	320.000	624.100	420.000	620.500	490.000	614.300	550.000
GR	611.500	570.000	609.500	582.000	606.000	584.000	606.000	596.000	609.500	598.000
GR	609.900	610.000	610.000	625.000	617.600	700.000	625.500	765.000	632.000	830.000
GR	639.900	895.000	640.000	950.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
NC	0.060	0.060	0.050	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	485.950	18.000	795.250	804.770	775.000	775.000	775.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	616.800	616.800	0.0
GR	636.700	335.000	632.000	420.000	624.500	525.000	616.400	630.000	612.500	715.000
GR	611.700	780.000	613.270	795.250	610.270	795.260	610.270	804.760	613.270	804.770
GR	613.600	825.000	616.300	875.000	616.500	910.000	622.000	960.000	625.400	1015.000
GR	626.700	1055.000	628.000	1090.000	630.600	1140.000	0.0	0.0	0.0	0.0
SB	1.250	1.560	3.000	0.0	9.500	0.001	57.000	0.0	610.270	610.270

X1	486.450	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	616.270	617.600	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	617.600	617.600	0.0
BT	16.000	335.000	636.700	636.700	420.000	632.000	632.000	525.000	627.300	624.500
BT	630.000	622.600	616.400	715.000	619.600	612.500	780.000	617.900	611.700	795.250
BT	617.600	613.270	795.260	617.600	616.270	804.760	617.600	616.270	804.770	617.600
BT	613.270	825.000	618.100	613.600	875.000	619.200	616.300	910.000	620.100	616.500
BT	960.000	622.000	622.000	1015.000	625.400	625.400	1055.000	626.700	626.700	0.0
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	491.200	18.000	1498.000	1512.000	475.000	475.000	475.000	0.0	0.0	0.0
GR	636.300	845.000	634.500	1000.000	629.600	1120.000	628.000	1225.000	628.200	1330.000
GR	620.100	1405.000	614.700	1465.000	613.500	1498.000	611.000	1500.000	611.000	1510.000
GR	613.500	1512.000	613.600	1555.000	615.700	1595.000	620.300	1665.000	624.400	1725.000
GR	628.300	1800.000	632.600	1905.000	636.000	1960.000	0.0	0.0	0.0	0.0
QT	5.000	920.000	1700.000	2190.000	3270.000	2190.000	0.0	0.0	0.0	0.0
NC	0.180	0.140	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	509.300	20.000	1663.000	1677.000	1810.000	1810.000	1810.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PRINTED IN USA

GR	640.000	875.000	637.400	1010.000	636.100	1110.000	632.300	1180.000	629.300	1260.000
GR	625.000	1325.000	620.000	1390.000	617.000	1460.000	617.800	1570.000	617.700	1640.000
GR	616.800	1663.000	614.300	1665.000	614.300	1675.000	616.800	1677.000	617.000	1695.000
GR	619.100	1715.000	628.000	1790.000	635.900	1850.000	644.000	1910.000	648.000	1950.000
ET	0.0	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0

X1	522.500	20.000	1018.000	1032.000	1320.000	1320.000	1320.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	647.000	290.000	644.000	395.000	641.200	450.000	636.800	580.000	633.700	670.000
GR	628.400	775.000	624.300	835.000	621.500	915.000	621.600	1000.000	622.300	1018.000
GR	619.300	1020.000	619.300	1030.000	622.300	1032.000	621.800	1055.000	620.300	1110.000
GR	620.800	1150.000	623.500	1185.000	629.900	1235.000	638.700	1300.000	644.000	1395.000

X1	529.600	26.000	1359.000	1372.000	710.000	710.000	710.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	649.000	150.000	646.200	225.000	640.000	295.000	642.100	325.000	640.200	400.000
GR	639.200	475.000	640.000	545.000	641.600	685.000	640.200	815.000	636.800	920.000
GR	632.700	1025.000	630.000	1120.000	625.800	1230.000	625.900	1340.000	625.400	1359.000
GR	622.700	1360.000	622.700	1370.000	625.400	1372.000	625.000	1380.000	626.000	1400.000
GR	633.600	1430.000	637.900	1480.000	640.300	1550.000	643.500	1630.000	644.100	1720.000
GR	646.200	1820.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	520.000	960.000	1240.000	1850.000	1240.000	0.0	0.0	0.0	0.0
NC	0.070	0.070	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	538.400	12.000	720.000	732.000	880.000	880.000	880.000	0.0	0.0	0.0
GR	644.000	0.0	640.000	90.000	636.000	270.000	632.000	640.000	629.000	720.000
GR	626.200	724.000	626.200	730.000	629.000	732.000	632.000	790.000	636.000	900.000
GR	640.000	930.000	644.000	1000.000	0.0	0.0	0.0	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN USA

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 UNION COUNTY, NC
T2 100 YEAR FLOODWAY
T3 BEARSKIN CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	6.	0.	0.	0.0	0.0	0.0	0.	586.580	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

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

BEARSKIN CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
350.300	585.61	0.0	585.73	296.14	1931.32	1204.05	764.63	0.0	0.0	255.00	273.00	0.0
350.300	586.58	0.97	586.72	181.45	1991.10	1274.33	634.56	0.15	124.07	255.00	273.00	305.52
367.200	588.84	0.0	589.21	128.36	1952.97	1696.72	250.30	0.0	0.0	115.00	133.00	0.0
367.200	589.61	0.78	590.06	80.91	2026.33	1860.09	13.58	0.13	53.18	115.00	133.00	134.09
387.900	594.56	0.0	594.97	155.37	1732.82	1433.91	733.27	0.0	0.0	642.00	658.00	0.0
387.900	595.44	0.87	595.96	81.98	1830.17	1618.90	450.93	0.20	588.88	642.00	658.00	670.86
405.900	601.40	0.0	601.67	231.88	1401.42	1224.11	1274.48	0.0	0.0	1207.00	1222.00	0.0
405.900	602.42	1.02	602.76	136.98	1361.57	1382.46	1155.98	0.21	1151.43	1207.00	1222.00	1288.41
424.100	605.46	0.0	605.58	290.13	2115.61	492.26	1292.13	0.0	0.0	543.00	558.00	0.0
424.100	606.44	0.99	606.61	163.98	2207.32	564.18	1128.50	0.22	461.78	543.00	558.00	625.76
440.500	607.13	0.0	607.24	260.89	1903.17	641.38	1355.45	0.0	0.0	872.00	888.00	0.0
440.500	608.10	0.98	608.25	156.37	1926.02	733.83	1240.14	0.19	778.17	872.00	888.00	934.54
464.000	610.64	0.0	610.84	246.81	2419.45	969.19	511.36	0.0	0.0	947.00	963.00	0.0
464.000	611.55	0.91	611.80	162.43	2695.03	1102.75	102.22	0.22	805.93	947.00	963.00	968.36
478.200	616.44	0.0	616.88	159.18	661.16	1179.83	989.02	0.0	0.0	582.00	598.00	0.0
478.200	617.33	0.90	617.95	69.60	545.32	1386.53	898.15	0.21	565.55	582.00	598.00	635.15
485.950	618.42	0.0	618.49	323.65	1985.91	210.22	633.87	0.0	0.0	795.25	804.77	0.0
485.950	619.42	1.00	619.52	164.98	2109.64	243.43	476.93	0.23	677.91	795.25	804.77	842.89
486.450	620.98	0.0	621.01	380.14	1882.01	155.78	792.21	0.0	0.0	795.25	804.77	0.0
486.450	621.98	1.00	622.02	228.06	1954.00	173.68	702.31	0.17	647.63	795.25	804.77	875.69
491.200	621.11	0.0	621.18	284.32	838.22	407.79	1583.99	0.0	0.0	1498.00	1512.00	0.0
491.200	622.09	0.98	622.18	146.58	719.42	467.74	1642.84	0.19	1455.92	1498.00	1512.00	1602.51
509.300	622.79	0.0	622.84	392.36	1482.54	383.96	323.50	0.0	0.0	1663.00	1677.00	0.0
509.300	623.71	0.92	623.77	250.91	1613.31	447.06	129.63	0.21	1441.07	1663.00	1677.00	1691.98
522.500	625.87	0.0	625.92	391.48	738.37	288.24	1163.39	0.0	0.0	1018.00	1032.00	0.0
522.500	626.76	0.89	626.84	223.11	651.61	371.74	1166.65	0.29	921.69	1018.00	1032.00	1144.80

MOORE BUSINESS FORMS, INC. PRINTED IN USA

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
529.600	629.45	0.0	629.70	279.23	1236.96	581.26	371.78	0.0	0.0	1359.00	1372.00	0.0
529.600	630.44	0.99	630.81	141.14	1435.79	740.85	13.36	0.33	1232.70	1359.00	1372.00	1373.85
538.400	633.66	0.0	633.75	349.31	563.47	309.51	367.02	0.0	0.0	720.00	732.00	0.0
538.400	634.71	1.04	634.84	94.22	655.16	390.42	194.42	0.41	654.72	720.00	732.00	748.94

SUMMARY OF ERRORS

100% BUSINESS FORMS, INC. 311 PHOTODUPLICATION SERVICE, PHOTOCOPIERS, 1000 W. 14TH AVENUE, DENVER, CO 80202

FLOODWAY DATA, BEARSKIN CREEK

PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
350.300	181.	1633.	2.4	586.6	585.6	1.0
367.200	81.	852.	4.6	589.6	588.8	0.8
387.900	82.	717.	5.4	595.5	594.6	0.9
405.900	137.	1073.	3.6	602.4	601.4	1.0
424.100	164.	1251.	3.1	606.5	605.5	1.0
440.500	158.	1362.	2.9	608.1	607.1	1.0
464.000	162.	1089.	3.6	611.5	610.6	0.9
478.200	70.	552.	5.1	617.3	616.4	0.9
485.950	165.	1109.	2.6	619.4	618.4	1.0
486.450	228.	1962.	1.4	622.0	621.0	1.0
491.200	147.	1188.	2.4	622.1	621.1	1.0
509.300	251.	1608.	1.4	623.7	622.8	0.9
522.500	223.	1233.	1.8	626.8	625.9	0.9
529.600	141.	689.	3.2	630.5	629.5	1.0
538.400	94.	475.	2.6	634.7	633.7	1.0

MOORE BUSINESS FORMS, INC. 72 PRINTED IN USA

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

BEARSKIN CREEK

T1 UNION COUNTY, NC
 T2 10 YEAR FLOOD
 T3 BEARSKIN CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.0	0.0	0.0	0.	582.630	0.0

J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	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									
	150.000	201.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10,000	-10,000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

QT	5.000	1650.000	3040.000	3900.000	5830.000	3900.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
NC	0.120	0.120	0.070	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	350.300	14.000	255.000	273.000	0.0	0.0	0.0	0.0	0.0	0.0
GR	592.000	0.0	588.000	40.000	586.000	50.000	582.000	90.000	580.000	180.000
GR	574.400	255.000	569.800	257.000	569.800	271.000	574.400	273.000	580.000	305.000
GR	582.000	335.000	588.000	360.000	590.000	375.000	592.000	385.000	0.0	0.0
NC	0.090	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	367.200	13.000	115.000	133.000	1690.000	1690.000	1690.000	0.0	0.0	0.0
GR	592.000	0.0	588.000	30.000	586.000	35.000	584.000	50.000	582.000	60.000
GR	580.000	95.000	577.600	115.000	573.700	118.000	573.700	130.000	577.600	133.000
GR	584.000	140.000	590.000	155.000	592.000	165.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0
NC	0.060	0.070	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	387.900	13.000	642.000	658.000	2070.000	2070.000	2070.000	0.0	0.0	0.0
GR	612.400	325.000	604.900	425.000	596.600	520.000	592.500	560.000	589.500	615.000
GR	584.400	642.000	580.200	644.000	580.200	655.000	584.600	658.000	588.900	675.000
GR	605.700	735.000	615.800	840.000	615.900	905.000	0.0	0.0	0.0	0.0
NC	0.100	0.150	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	405.900	25.000	1207.000	1222.000	1800.000	1800.000	1800.000	0.0	0.0	0.0
GR	610.000	235.000	608.000	305.000	611.000	400.000	612.300	485.000	614.200	555.000
GR	610.000	610.000	607.100	670.000	608.500	780.000	611.600	880.000	610.000	975.000
GR	607.500	1045.000	603.600	1090.000	596.700	1140.000	596.400	1180.000	592.300	1207.000
GR	588.000	1209.000	588.000	1220.000	592.500	1222.000	593.000	1231.000	596.000	1250.000
GR	596.500	1315.000	604.000	1350.000	608.000	1380.000	613.700	1415.000	619.800	1455.000
NC	0.050	0.080	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	9.400	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN USA

X1	424.100	19.000	543.000	558.000	1820.000	1820.000	1820.000	0.0	0.0	0.0
GR	621.600	120.000	617.100	195.000	614.300	280.000	609.200	350.000	603.400	430.000
GR	598.400	480.000	600.100	520.000	598.500	534.000	598.000	543.000	594.100	546.000
GR	594.100	556.000	598.000	558.000	598.100	565.000	599.300	580.000	599.800	615.000
GR	602.000	670.000	609.200	715.000	619.800	765.000	624.500	820.000	0.0	0.0
NC	0.070	0.050	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	440.500	23.000	872.000	888.000	1640.000	1640.000	1640.000	0.0	0.0	0.0
GR	623.000	300.000	619.000	370.000	614.000	430.000	613.000	500.000	612.500	585.000
GR	610.800	655.000	604.700	740.000	600.100	790.000	599.200	815.000	600.000	860.000
GR	599.000	872.000	596.000	874.000	596.000	886.000	599.000	888.000	599.700	900.000
GR	600.100	935.000	612.200	990.000	617.900	1030.000	620.300	1080.000	620.400	1150.000
GR	620.900	1210.000	622.100	1290.000	623.200	1450.000	0.0	0.0	0.0	0.0
NC	0.090	0.090	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	464.000	15.000	947.000	963.000	2350.000	2350.000	2350.000	0.0	0.0	0.0
GR	629.300	445.000	628.000	535.000	624.100	600.000	620.300	655.000	612.000	740.000
GR	606.300	790.000	605.600	860.000	606.000	920.000	602.500	947.000	599.000	949.000
GR	599.000	961.000	602.500	963.000	605.000	980.000	620.000	1030.000	630.000	1090.000
NC	0.070	0.120	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	1200.000	2200.000	2830.000	4230.000	2830.000	0.0	0.0	0.0	0.0

X1	478.200	17.000	582.000	598.000	1420.000	1420.000	1420.000	0.0	0.0	0.0
GR	630.700	210.000	626.400	320.000	624.100	420.000	620.500	490.000	614.300	550.000
GR	611.500	570.000	609.500	582.000	606.000	584.000	606.000	596.000	609.500	598.000
GR	609.900	610.000	610.000	625.000	617.600	700.000	625.500	765.000	632.000	830.000
GR	639.900	895.000	640.000	950.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	8.400	0.0	0.0	0.0	0.0
NC	0.060	0.060	0.050	0.300	0.500	0.0	0.0	0.0	0.0	0.0

X1	485.950	18.000	795.250	804.770	775.000	775.000	775.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	616.800	616.800	0.0
GR	636.700	335.000	632.000	420.000	624.500	525.000	616.400	630.000	612.500	715.000
GR	611.700	780.000	613.270	795.250	610.270	795.260	610.270	804.760	613.270	804.770
GR	613.600	825.000	616.300	875.000	616.500	910.000	622.000	960.000	625.400	1015.000
GR	626.700	1055.000	628.000	1090.000	630.600	1140.000	0.0	0.0	0.0	0.0
SB	1.250	1.560	3.000	0.0	9.500	0.001	57.000	0.0	610.270	610.270

X1	486.450	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.0	0.0
X2	0.0	0.0	1.000	616.270	617.600	0.0	0.0	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	617.600	617.600	0.0
BT	16.000	335.000	636.700	636.700	420.000	632.000	632.000	525.000	627.300	624.500
BT	630.000	622.600	616.400	715.000	619.600	612.500	780.000	617.900	611.700	795.250
BT	617.600	613.270	795.260	617.600	616.270	804.760	617.600	616.270	804.770	617.600
BT	613.270	825.000	618.100	613.600	875.000	619.200	616.300	910.000	620.100	616.500
BT	960.000	622.000	622.000	1015.000	625.400	625.400	1055.000	626.700	626.700	0.0
NC	0.0	0.0	0.0	0.100	0.300	0.0	0.0	0.0	0.0	0.0

X1	491.200	18.000	1498.000	1512.000	475.000	475.000	475.000	0.0	0.0	0.0
GR	636.300	845.000	634.500	1000.000	629.600	1120.000	628.000	1225.000	626.200	1330.000
GR	620.100	1405.000	614.700	1465.000	613.500	1498.000	611.000	1500.000	611.000	1510.000
GR	613.500	1512.000	613.600	1555.000	615.700	1595.000	620.300	1665.000	624.400	1725.000
GR	628.300	1800.000	632.600	1905.000	636.000	1960.000	0.0	0.0	0.0	0.0
QT	5.000	920.000	1700.000	2190.000	3270.000	2190.000	0.0	0.0	0.0	0.0
NC	0.180	0.140	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	509.300	20.000	1663.000	1677.000	1810.000	1810.000	1810.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2025 RELEASE UNDER E.O. 14176
 2025 RELEASE UNDER E.O. 14176
 2025 RELEASE UNDER E.O. 14176

GR	640.000	875.000	637.400	1010.000	636.100	1110.000	632.300	1180.000	629.300	1260.000
GR	625.000	1325.000	620.000	1390.000	617.000	1460.000	617.800	1570.000	617.700	1640.000
GR	616.800	1663.000	614.300	1665.000	614.300	1675.000	616.800	1677.000	617.000	1695.000
GR	619.100	1715.000	628.000	1790.000	635.900	1850.000	644.000	1910.000	648.000	1950.000
ET	0.0	0.0	0.0	0.0	0.0	10.400	0.0	0.0	0.0	0.0

X1	522.500	20.000	1018.000	1032.000	1320.000	1320.000	1320.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	647.000	290.000	644.000	395.000	641.200	450.000	636.800	580.000	633.700	670.000
GR	628.400	775.000	624.300	835.000	621.500	915.000	621.600	1000.000	622.300	1018.000
GR	619.300	1020.000	619.300	1030.000	622.300	1032.000	621.800	1055.000	620.300	1110.000
GR	620.800	1160.000	623.500	1185.000	629.900	1235.000	638.700	1300.000	644.000	1395.000

X1	529.600	26.000	1359.000	1372.000	710.000	710.000	710.000	0.0	0.0	0.0
X3	10.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	649.000	150.000	646.200	225.000	640.000	295.000	642.100	325.000	640.200	400.000
GR	639.200	475.000	640.000	545.000	641.600	685.000	640.200	815.000	636.800	920.000
GR	632.700	1025.000	630.000	1120.000	625.800	1230.000	625.900	1340.000	625.400	1359.000
GR	622.700	1360.000	622.700	1370.000	625.400	1372.000	625.000	1380.000	626.000	1400.000
GR	633.600	1430.000	637.900	1480.000	640.300	1550.000	643.500	1630.000	644.100	1720.000
GR	646.200	1820.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	520.000	960.000	1240.000	1850.000	1240.000	0.0	0.0	0.0	0.0
NC	0.070	0.070	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	538.400	12.000	720.000	732.000	880.000	880.000	880.000	0.0	0.0	0.0
GR	644.000	0.0	640.000	90.000	636.000	270.000	632.000	640.000	629.000	720.000
GR	626.200	724.000	626.200	730.000	629.000	732.000	632.000	790.000	636.000	900.000
GR	640.000	930.000	644.000	1000.000	0.0	0.0	0.0	0.0	0.0	0.0
EJ	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

377 PRINTED IN USA

MOORE BUSINESS FORMS, INC.

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 UNION COUNTY, NC
T2 50 YEAR FLOOD
T3 BEARSKIN CREEK

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
	0.	3.	0.	0.	0.0	0.0	0.0	0.	584.560	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 UNION COUNTY, NC
T2 100 YEAR FLOOD
T3 BEARSKIN CREEK

J1	ICHECK	INQ	NINV	IDIR	SIRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.0	0.0	0.0	0.	585.610	0.0

J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MOORE BUSINESS FORMS, INC. PRINTED IN USA

HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 UNION COUNTY, NC
T2 500 YEAR FLOOD
T3 BEARSKIN CREEK

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	5.	0.	0.	0.0	0.0	0.0	0.	587.760	0.0

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOV 1976

 HEC2 RELEASE DATED NOV 76 UPDATED JULY1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

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

BEARSKIN CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
350.300	0.0	0.0	0.0	569.80	1650.00	582.63	0.0	582.72	12.75	3.33	1001.16	462.12
350.300	0.0	0.0	0.0	569.80	3040.00	584.56	0.0	584.68	15.94	4.11	1517.59	761.38
350.300	0.0	0.0	0.0	569.80	3900.00	585.61	0.0	585.73	16.42	4.37	1820.75	962.53
350.300	0.0	0.0	0.0	569.80	5830.00	587.76	0.0	587.89	15.89	4.70	2482.42	1462.33
367.200	1690.00	0.0	0.0	573.70	1650.00	585.21	0.0	585.45	20.31	4.81	531.24	366.13
367.200	1690.00	0.0	0.0	573.70	3040.00	587.67	0.0	587.99	23.74	5.96	805.39	623.93
367.200	1690.00	0.0	0.0	573.70	3900.00	588.84	0.0	589.21	25.29	6.51	948.92	775.46
367.200	1690.00	0.0	0.0	573.70	5830.00	591.00	0.0	591.46	27.57	7.45	1250.67	1110.39
387.900	2070.00	0.0	0.0	580.20	1650.00	590.86	0.0	591.27	40.68	6.11	358.37	258.70
387.900	2070.00	0.0	0.0	580.20	3040.00	593.40	0.0	593.80	33.38	6.44	659.55	526.15
387.900	2070.00	0.0	0.0	580.20	3900.00	594.56	0.0	594.97	30.61	6.55	831.55	704.87
387.900	2070.00	0.0	0.0	580.20	5830.00	596.69	0.0	597.11	26.90	6.76	1192.67	1124.03
405.900	1800.00	0.0	0.0	588.00	1650.00	598.61	0.0	598.84	43.20	5.24	656.19	251.04
405.900	1800.00	0.0	0.0	588.00	3040.00	600.50	0.0	600.75	44.90	5.99	1051.52	453.67
405.900	1800.00	0.0	0.0	588.00	3900.00	601.40	0.0	601.67	46.06	6.37	1255.46	574.64
405.900	1800.00	0.0	0.0	588.00	5830.00	603.10	0.0	603.41	47.28	7.02	1670.21	847.90
424.100	1820.00	0.0	0.0	594.10	1650.00	602.90	0.0	602.98	13.93	2.71	787.62	442.02
424.100	1820.00	0.0	0.0	594.10	3040.00	604.60	0.0	604.71	12.75	2.95	1225.64	851.37
424.100	1820.00	0.0	0.0	594.10	3900.00	605.46	0.0	605.58	12.33	3.06	1467.09	1110.45
424.100	1820.00	0.0	0.0	594.10	5830.00	607.08	0.0	607.24	11.76	3.29	1964.58	1699.79
440.500	1640.00	0.0	0.0	596.00	1650.00	604.48	0.0	604.54	6.94	2.80	899.49	626.37
440.500	1640.00	0.0	0.0	596.00	3040.00	606.25	0.0	606.35	8.00	3.43	1305.57	1074.76
440.500	1640.00	0.0	0.0	596.00	3900.00	607.13	0.0	607.24	8.44	3.73	1526.85	1342.10
440.500	1640.00	0.0	0.0	596.00	5830.00	608.78	0.0	608.93	9.11	4.26	1981.23	1931.06
464.000	2350.00	0.0	0.0	599.00	1650.00	607.81	0.0	608.04	49.30	5.29	573.68	234.99
464.000	2350.00	0.0	0.0	599.00	3040.00	609.71	0.0	609.91	37.79	5.30	997.93	494.49
464.000	2350.00	0.0	0.0	599.00	3900.00	610.64	0.0	610.84	35.05	5.41	1221.95	658.77
464.000	2350.00	0.0	0.0	599.00	5830.00	612.37	0.0	612.59	32.01	5.69	1667.24	1030.48
478.200	1420.00	0.0	0.0	606.00	1200.00	614.20	0.0	614.47	40.30	5.30	398.90	189.02
478.200	1420.00	0.0	0.0	606.00	2200.00	615.67	0.0	616.07	52.12	6.77	590.83	304.74
478.200	1420.00	0.0	0.0	606.00	2830.00	616.44	0.0	616.88	55.66	7.38	706.47	379.32
478.200	1420.00	0.0	0.0	606.00	4230.00	617.88	0.0	618.40	58.25	8.26	957.52	554.22

PRINTED IN USA
 MOORE BUSINESS FORMS, INC.

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
485.950	775.00	0.0	0.0	610.27	1200.00	616.83	616.83	616.87	6.48	1.92	819.21	471.50
485.950	775.00	0.0	0.0	610.27	2200.00	617.65	0.0	617.72	10.53	2.64	1063.20	677.97
485.950	775.00	0.0	0.0	610.27	2830.00	618.42	0.0	618.49	9.72	2.71	1304.80	907.95
485.950	775.00	0.0	0.0	610.27	4230.00	619.85	0.0	619.94	8.73	2.86	1790.98	1432.04
486.450	50.00	617.60	616.27	610.27	1200.00	619.54	0.0	619.55	0.84	0.87	1685.22	1311.87
486.450	50.00	617.60	616.27	610.27	2200.00	620.51	0.0	620.52	1.64	1.30	2030.99	1716.01
486.450	50.00	617.60	616.27	610.27	2830.00	620.98	0.0	621.01	2.14	1.53	2206.07	1932.32
486.450	50.00	617.60	616.27	610.27	4230.00	621.83	0.0	621.88	3.21	1.97	2537.69	2361.22
491.200	475.00	0.0	0.0	611.00	1200.00	619.60	0.0	619.62	2.73	1.80	1003.73	726.30
491.200	475.00	0.0	0.0	611.00	2200.00	620.61	0.0	620.66	4.87	2.60	1263.26	997.36
491.200	475.00	0.0	0.0	611.00	2830.00	621.11	0.0	621.18	5.98	2.99	1403.17	1157.02
491.200	475.00	0.0	0.0	611.00	4230.00	622.02	0.0	622.13	8.20	3.71	1672.43	1477.61
509.300	1810.00	0.0	0.0	614.30	920.00	620.53	0.0	620.57	20.46	2.81	965.20	203.38
509.300	1810.00	0.0	0.0	614.30	1700.00	622.05	0.0	622.09	19.07	3.16	1509.59	389.25
509.300	1810.00	0.0	0.0	614.30	2190.00	622.79	0.0	622.84	19.05	3.37	1796.10	501.73
509.300	1810.00	0.0	0.0	614.30	3270.00	624.15	0.0	624.20	19.50	3.78	2345.83	740.58
522.500	1320.00	0.0	0.0	619.30	920.00	623.93	622.38	623.97	33.49	2.79	796.83	158.98
522.500	1320.00	0.0	0.0	619.30	1700.00	625.20	0.0	625.24	30.71	3.18	1252.79	306.75
522.500	1320.00	0.0	0.0	619.30	2190.00	625.87	0.0	625.92	29.21	3.35	1513.00	405.21
522.500	1320.00	0.0	0.0	619.30	3270.00	627.16	0.0	627.22	27.17	3.67	2035.95	627.36
529.600	710.00	0.0	0.0	622.70	920.00	627.83	627.14	628.04	115.68	5.63	452.77	85.54
529.600	710.00	0.0	0.0	622.70	1700.00	628.90	0.0	629.14	119.34	6.53	715.76	155.61
529.600	710.00	0.0	0.0	622.70	2190.00	629.45	0.0	629.70	120.14	6.94	863.05	199.80
529.600	710.00	0.0	0.0	622.70	3270.00	630.51	0.0	630.77	114.98	7.51	1176.15	305.08
538.400	880.00	0.0	0.0	626.20	520.00	632.20	0.0	632.29	18.15	3.42	300.55	122.04
538.400	880.00	0.0	0.0	626.20	960.00	633.20	0.0	633.28	17.02	3.71	531.05	232.73
538.400	880.00	0.0	0.0	626.20	1240.00	633.66	0.0	633.75	16.32	3.81	682.85	306.98
538.400	880.00	0.0	0.0	626.20	1850.00	634.49	0.0	634.57	15.05	3.96	1011.21	476.83

BEARSKIN CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
350.300	1650.00	582.63	0.0	0.0	0.0	253.92	0.0
350.300	3040.00	584.56	1.93	0.0	0.0	281.26	0.0
350.300	3900.00	585.61	1.05	0.0	0.0	296.14	0.0
350.300	5830.00	587.76	2.15	0.0	0.0	317.80	0.0
367.200	1650.00	585.21	0.0	2.58	0.0	102.09	1690.00
367.200	3040.00	587.67	2.46	3.11	0.0	118.33	1690.00
367.200	3900.00	588.84	1.17	3.23	0.0	128.36	1690.00
367.200	5830.00	591.00	2.16	3.24	0.0	152.44	1690.00
387.900	1650.00	590.86	0.0	5.65	0.0	91.78	2070.00
387.900	3040.00	593.40	2.54	5.73	0.0	139.84	2070.00
387.900	3900.00	594.56	1.17	5.73	0.0	155.37	2070.00
387.900	5830.00	596.69	2.12	5.69	0.0	183.91	2070.00
405.900	1650.00	598.61	0.0	7.75	0.0	198.72	1800.00
405.900	3040.00	600.50	1.89	7.10	0.0	221.16	1800.00
405.900	3900.00	601.40	0.90	6.83	0.0	231.88	1800.00
405.900	5830.00	603.10	1.70	6.41	0.0	252.29	1800.00
424.100	1650.00	602.90	0.0	4.29	0.0	240.57	1820.00
424.100	3040.00	604.60	1.71	4.11	0.0	272.94	1820.00
424.100	3900.00	605.46	0.86	4.06	0.0	290.13	1820.00
424.100	5830.00	607.08	1.62	3.98	0.0	322.67	1820.00
440.500	1650.00	604.48	0.0	1.58	0.0	212.52	1640.00
440.500	3040.00	606.25	1.77	1.65	0.0	244.71	1640.00
440.500	3900.00	607.13	0.88	1.67	0.0	260.89	1640.00
440.500	5830.00	608.78	1.65	1.69	0.0	291.30	1640.00
464.000	1650.00	607.81	0.0	3.33	0.0	212.65	2350.00
464.000	3040.00	609.71	1.89	3.46	0.0	235.56	2350.00
464.000	3900.00	610.64	0.93	3.51	0.0	246.81	2350.00
464.000	5830.00	612.37	1.73	3.59	0.0	268.29	2350.00
478.200	1200.00	614.20	0.0	6.39	0.0	115.66	1420.00
478.200	2200.00	615.67	1.47	5.97	0.0	144.29	1420.00
478.200	2830.00	616.44	0.76	5.80	0.0	159.18	1420.00
478.200	4230.00	617.88	1.45	5.52	0.0	187.03	1420.00
* 485.950	1200.00	616.83	0.0	2.64	0.0	288.68	775.00
485.950	2200.00	617.65	0.81	1.98	0.0	306.75	775.00
485.950	2830.00	618.42	0.77	1.98	0.0	323.65	775.00
485.950	4230.00	619.85	1.43	1.97	0.0	355.24	775.00
486.450	1200.00	619.54	0.0	2.71	0.0	348.61	50.00
486.450	2200.00	620.51	0.96	2.86	0.0	369.84	50.00
486.450	2830.00	620.98	0.48	2.57	0.0	380.14	50.00
486.450	4230.00	621.83	0.85	1.98	0.0	398.91	50.00
491.200	1200.00	619.60	0.0	0.05	0.0	243.75	475.00
491.200	2200.00	620.61	1.01	0.10	0.0	270.74	475.00
491.200	2830.00	621.11	0.50	0.13	0.0	284.32	475.00
491.200	4230.00	622.02	0.91	0.19	0.0	308.77	475.00

MOORE BUSINESS FORMS, INC. PRINTED IN USA

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
509.300	920.00	620.53	0.0	0.93	0.0	344.01	1810.00
509.300	1700.00	622.05	1.52	1.44	0.0	376.39	1810.00
509.300	2190.00	622.79	0.74	1.68	0.0	392.36	1810.00
509.300	3270.00	624.15	1.35	2.13	0.0	421.32	1810.00
522.500	920.00	623.93	0.0	3.40	0.0	342.77	1320.00
522.500	1700.00	625.20	1.26	3.15	0.0	376.26	1320.00
522.500	2190.00	625.87	0.67	3.08	0.0	391.48	1320.00
522.500	3270.00	627.16	1.29	3.01	0.0	420.39	1320.00
529.600	920.00	627.83	0.0	3.90	0.0	230.74	710.00
529.600	1700.00	628.90	1.07	3.71	0.0	262.85	710.00
529.600	2190.00	629.45	0.55	3.58	0.0	279.23	710.00
529.600	3270.00	630.51	1.06	3.35	0.0	315.64	710.00
538.400	520.00	632.20	0.0	4.37	0.0	173.96	880.00
538.400	960.00	633.20	1.00	4.29	0.0	292.54	880.00
538.400	1240.00	633.66	0.47	4.21	0.0	349.31	880.00
538.400	1850.00	634.49	0.82	3.98	0.0	448.13	880.00

SUMMARY OF ERRORS

CAUTION SECNO= 485.950 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 485.950 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 485.950 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

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 MOORE BUSINESS FORMS, INC.
 PRINTED IN USA

FLOOD INSURANCE ZONE DATA FOR BEARSKIN CREEK

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10_	2_	0.2_
350,300	0.	-2.98	-1.05	2.15
367,200	1690.	-3.63	-1.17	2.16
387,900	3760.	-3.71	-1.17	2.12
405,900	5560.	-2.79	-0.90	1.70
424,100	7380.	-2.56	-0.86	1.62
440,500	9020.	-2.65	-0.88	1.65
464,000	11370.	-2.82	-0.93	1.73
478,200	12790.	-2.24	-0.76	1.45
485,950	13565.	-1.58	-0.77	1.43
486,450	13615.	-1.44	-0.48	0.85
491,200	14090.	-1.51	-0.50	0.91
509,300	15900.	-2.26	-0.74	1.35
522,500	17220.	-1.94	-0.67	1.29
529,600	17930.	-1.62	-0.55	1.06
538,400	18810.	-1.46	-0.47	0.82

WEIGHTED AVG FOR REACH -2.62 -0.87 1.62

PHF FOR THE REACH = 0.25 WITH 81.5% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 5

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