
INTERACTIVE HEC2 VERSION: UPDATED FEB 1976
ERROR CORRECTIONS: 11, 12, 13, 14, 15, 16, 17, 18, 19
MODIFICATIONS: 30, 51, 52, 53, 54, 55, 56, 57, 58

Load Factor

Table OA

3/4/76

J1 EPM BR MADISON-MAYO DAY RIS
J2 10 YR NATURAL
J3 DRY RIVER VACUITY OF MADISON-MAYO DAY REC

	ICHECK	TNO	VIN	TDTR	STAT	METRIC	HVINS	D	WSEL	FQ
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
				-0.	-0.	-0.100000	-0.00	-0.00	553.500	-0.000
J2	NPROF	IPLOT	TRFVS	YSCV	XSECH	VN	ALLOC	IHW	CHNIM	ITRACE
							-0.000	-0.000	-0.000	-0.000
				1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
J3	12.000	201.010	20.000	38.000	43.000	1.000	3.000	10.000	26.000	5.000
J3	12.000	21.000	22.000	53.000	54.000	-0.000	-0.000	-0.000	-0.000	-0.000
DT	4.000	34700.000	52700.000	74000.000	110000.000	-0.000	-0.000	-0.000	-0.000	-0.000
NC	120	120	150	200	400	-0.000	-0.000	-0.000	-0.000	-0.000
ET	11.000	-0.000	5.300	-0.000	-0.000	5.400	-0.000	-0.000	-0.000	-0.000
X1	572185.000	27.000	200.000	350.000	22238.000	22238.000	-0.000	-0.000	-0.000	-0.000
GR	5721800	0.000	569.300	700.000	561.400	139.001	541.900	189.000	541.000	200.000
GR	521.500	215.010	522.700	521.000	522.700	290.000	522.000	270.000	522.800	290.000
GR	522.200	310.000	522.800	330.000	539.400	350.000	541.000	400.000	543.100	300.000
GR	539.300	600.000	533.300	700.000	540.600	800.000	547.800	900.000	548.700	1000.000
GR	547.200	1100.000	545.000	1200.000	546.700	1300.000	547.100	1400.000	548.000	1500.000
GR	551.600	1600.000	560.300	1200.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
NC	1.150	150	150	200	400	-0.000	-0.000	-0.000	-0.000	-0.000
DT	7.000	372100.000	60100.000	72500.000	108400.000	72500.000	2500.000	72500.000	0.000	0.000
X1	589019.000	321000	1400.000	1720.000	16934.000	16934.000	-0.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	3.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
GR	508.500	0.000	592.200	100.000	597.900	200.000	620.500	300.000	616.600	400.000
GR	503.500	500.000	575.800	600.000	562.300	700.000	556.400	800.000	552.100	900.000
GR	551.700	1900.000	554.300	1765.000	549.500	1200.000	548.800	1300.000	549.900	1400.000
GR	535.300	1462.000	531.000	1480.000	532.000	1500.000	532.000	1520.000	531.700	1540.000
GR	530.200	1500.000	533.700	1580.000	530.400	1600.000	530.400	1620.000	530.400	1640.000
GR	530.000	1660.000	535.700	1680.000	535.600	1700.000	550.300	1720.000	575.900	1600.000
GR	584.100	21900.000	560.500	2000.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	589009.000	127000	17300.000	17000.000	560.000	50.000	50.000	-0.000	-0.000	-0.000
X3	10.000	-0.000	20.000	-0.000	-0.000	-0.000	-0.000	-0.000	571.000	578.200
GR	569.500	0.000	590.500	100.000	597.900	200.000	620.500	300.000	616.600	400.000
GR	503.500	-500.000	574.800	-600.000	562.300	-700.000	556.400	-800.000	552.100	-900.000
GR	591.600	3000.000	557.300	3100.000	549.500	1200.000	548.800	1300.000	549.900	1400.000
GR	535.300	1462.000	531.000	1480.000	532.000	1500.000	532.000	1520.000	531.700	1540.000
GR	530.200	1500.000	533.700	1580.000	530.400	1600.000	530.400	1620.000	530.400	1640.000
GR	530.000	1660.000	535.700	1680.000	535.600	1700.000	551.300	1720.000	575.900	1803.000
GR	584.100	21900.000	560.500	2000.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
NU	1.030	-0.030	0.030	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
X1	589070.000	48.000	1200.000	1803.000	1.000	1.000	1.000	-0.000	-0.000	-0.000
BT	0.000	0.000	563.100	571.000	500.000	573.900	571.000	800.000	572.200	571.000
BT	800.000	572.000	573.000	1000.000	572.400	571.000	1200.000	574.500	571.000	1803.000
BT	561.800	578.200	2000.000	582.400	578.200	-0.000	-0.000	-0.000	-0.000	-0.000

Final P45 TBL

X1	505299,000	12,000	6,000	1056,000	0,1,000	1,000	2,000	-0,000	0,000	0,000	0,000
GR	508,300	0,000	650,100	700,600	651,300	400,000	556,600	600,000	553,900	700,000	
GR	534,800	740,000	533,100	788,000	533,200	800,000	556,800	866,000	553,800	900,000	
GR	553,600	1000,000	590,500	1056,000	-0,000	-1,000	-0,000	-0,000	-0,000	-0,000	
X1	505349,000	12,000	704,000	868,000	450,000	50,000	50,000	-0,000	-0,000	-0,000	
GR	608,300	0,000	550,100	200,000	651,300	400,000	584,600	600,000	553,900	700,000	
GR	534,800	740,000	437,100	789,000	633,900	800,000	556,800	866,000	553,800	900,000	
GR	553,600	1000,000	590,500	1056,000	-0,000	-1,000	-0,000	-0,000	-0,000	-0,000	
GT	7,200	24800,000	17800,000	58105,000	-88804,000	58100,000	58100,000	-0,000	-0,000	-0,000	
ET	-0,000	0,000	0,000	0,000	0,000	0,000	0,000	-0,000	-0,000	-0,000	
X1	609724,000	29,000	336,000	536,000	14376,000	14376,000	-0,000	-0,000	-0,000	-0,000	
GR	592,300	0,000	581,000	100,000	580,300	200,000	576,200	300,000	575,100	336,000	
GR	548,300	308,000	947,100	390,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	470,000	543,800	696,000	546,500	516,000	557,800	536,000	560,300	636,000	
GR	507,800	730,000	557,200	601,000	563,100	200,000	564,000	1000,000	565,700	1100,000	
GR	507,800	210,000	580,500	1300,000	572,300	1000,000	574,700	1500,000	580,100	1600,000	
GR	565,800	1700,000	587,000	1800,000	590,800	1900,000	593,900	1950,000	-0,000	-0,000	
X1	609774,000	31,000	336,000	740,000	50,000	50,000	-0,000	-0,000	-0,000	-0,000	
Y1	571,700	0,000	571,700	0,000	-0,000	-0,000	-0,000	579,100	573,000	0,000	
GR	592,300	0,000	582,000	100,000	581,300	200,000	576,200	300,000	575,100	336,000	
GR	545,300	385,000	547,600	394,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	542,800	470,000	541,300	496,000	537,800	536,000	560,300	636,000	559,800	744,000	
GR	502,200	800,000	489,000	1000,000	489,700	1300,000	574,700	1500,000	585,800	1700,000	
GR	591,000	950,000	511,000	1000,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
GR	573,000	1000,000	513,100	1200,000	576,300	573,000	576,800	573,000	573,000	1600,000	
PT	573,000	573,000	573,000	1155,100	591,600	523,000	-0,000	-0,000	-0,000	-0,000	
GR	521,700	0,000	576,500	1020,000	548,300	385,000	576,500	385,000	576,500	387,000	
GR	540,300	387,000	547,700	598,000	542,800	416,000	544,800	436,000	570,500	434,000	
GR	546,800	470,000	544,100	430,000	547,800	456,000	544,000	485,000	574,400	485,000	
GR	526,400	487,000	544,000	487,000	544,300	496,000	567,800	535,000	576,400	535,000	
GR	576,200	957,000	555,100	953,000	551,700	570,000	576,400	570,000	576,400	572,000	
GR	539,700	572,000	550,700	565,000	565,000	576,000	565,000	576,400	559,600	607,000	
GR	536,300	636,000	571,400	730,000	576,400	576,400	638,000	638,000	560,100	675,000	
GR	568,000	672,000	597,700	672,000	561,700	677,000	569,000	710,000	576,400	710,000	
GR	574,400	712,000	568,100	712,000	556,800	744,000	576,400	744,000	577,000	900,000	
GR	576,300	3200,000	576,500	1500,000	579,000	1600,000	593,600	1950,000	-0,000	-0,000	
Y1	609774,000	30,000	31,000	1,000	26,000	26,000	26,000	-0,000	-0,000	-0,000	
Y2	571,700	0,000	560,000	-6,000	-6,000	-6,000	3,000	-6,000	-6,000	-6,000	
Y3	571,700	0,000	571,700	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	-1,000	
X1	609774,000	21,000	336,000	740,000	1,000	1,000	1,000	-0,000	-0,000	-0,000	
Y1	609774,000	21,000	336,000	536,000	50,000	50,000	50,000	576,500	576,400	576,400	
GR	597,300	0,000	580,100	100,000	580,300	200,000	576,200	300,000	575,100	336,000	
GR	547,300	389,000	547,700	598,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	470,000	540,700	496,000	546,800	436,000	567,800	536,000	569,800	744,000	
GR	562,200	562,200	562,200	1000,000	564,600	1300,000	574,700	1500,000	585,800	1700,000	
GR	587,800	5950,000	510,400	-6,000	-6,000	-6,000	-6,000	-6,000	-6,000	-6,000	
Y1	619824,000	21,000	336,000	536,000	50,000	50,000	50,000	-0,000	-0,000	-0,000	
GR	597,300	0,000	580,100	100,000	580,300	200,000	578,200	300,000	579,100	336,000	
GR	548,200	385,000	547,700	594,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	470,000	540,700	494,000	546,800	436,000	567,800	536,000	569,800	744,000	
GR	562,200	562,200	562,200	1000,000	564,600	1300,000	574,700	1500,000	585,800	1700,000	
GR	591,900	1950,000	510,400	-6,000	-6,000	-6,000	-6,000	-6,000	-6,000	-6,000	
GR	7,000	2600,000	43600,000	53300,000	8100,000	53300,000	53300,000	-0,000	-0,000	-0,000	
ET	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	

X1	646192,000	28,000	904,100	1103,100	36740,000	36740,000	36740,000	-0,000	-0,000	0,000
GR	628,600	-0,000	620,700	100,600	613,300	200,000	608,600	300,000	605,200	400,000
GR	599,100	500,000	592,000	600,000	589,000	700,000	583,000	800,000	583,100	900,000
GH	777,600	925,000	673,400	940,000	568,600	960,000	564,600	980,000	569,600	1000,000
GR	565,600	1020,000	566,100	1040,000	567,000	1060,000	566,600	1080,000	568,600	1090,000
GR	579,100	1110,000	580,200	1180,000	581,800	1400,000	583,200	1500,000	583,800	1600,000
GH	595,600	1700,000	600,800	1800,000	601,100	1900,000	-0,000	-0,000	-0,000	-0,000
X1	646442,000	94,000	803,000	1198,600	577,000	577,000	577,000	-0,000	-0,000	-0,000
X3	-10,000	-0,000	-0,000	-0,000	-1,000	-0,000	-1,000	595,300	595,300	-0,000
GR	628,600	0,000	603,000	300,000	605,200	400,000	599,100	500,000	597,600	600,000
GR	589,100	770,000	583,300	800,000	588,100	900,000	571,600	940,000	564,600	980,000
GR	566,600	1060,000	566,600	1020,000	566,100	1040,000	567,600	1060,000	566,600	1080,000
GR	580,600	1090,000	579,100	1103,000	579,700	1198,000	580,200	1300,000	583,200	1500,000
GR	583,800	1310,000	583,800	1200,000	580,800	1400,000	608,100	1900,000	-0,000	-0,000
TC	-0,030	-0,030	-0,030	-0,030	-0,030	-0,030	-0,030	-0,000	-0,000	-0,000
X1	646543,000	50,000	491,000	1197,500	577,000	577,000	577,000	-0,000	-0,000	-0,000
BT	14,000	0,000	620,700	595,300	601,000	595,300	600,000	598,700	595,300	595,300
BT	560,000	598,000	598,300	703,000	597,400	695,300	600,000	597,500	595,300	1198,000
BT	597,500	595,300	1300,000	596,300	595,300	1400,000	599,100	595,100	1500,000	594,200
BT	591,200	1600,000	591,200	594,900	594,900	1700,000	597,600	595,300	1800,000	602,500
BT	1198,000	678,670	595,300	1198,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	628,700	0,000	603,600	400,000	598,700	601,000	598,000	600,000	597,400	700,000
GR	587,500	810,000	583,000	800,000	583,000	849,000	597,500	849,000	597,500	851,000
GR	583,000	851,000	584,100	898,600	597,500	698,000	597,500	900,000	583,100	900,000
TR	571,500	949,000	597,500	949,000	597,500	951,000	571,500	751,000	561,600	980,000
GR	559,600	998,600	597,500	798,100	592,800	1000,000	569,600	1000,000	565,600	1020,000
GR	556,100	1030,000	567,400	1044,000	597,500	1048,000	597,500	1050,000	567,000	1050,000
GR	557,500	1060,000	569,000	1087,000	567,000	1090,000	571,100	1090,000	597,500	1090,000
TR	597,500	1100,000	579,100	1160,000	579,500	1149,000	592,500	1149,000	597,500	1151,000
GR	579,500	1151,000	577,700	1198,000	597,500	1198,000	596,800	1300,000	595,100	1400,000
GR	574,200	1310,000	577,700	1307,000	597,500	1700,000	602,500	1800,000	608,000	1900,000
X1	646577,000	0,000	11000	11000	34,000	34,000	34,000	-0,000	-0,000	-0,000
X2	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000
EJ	-0,600	-0,900	-0,001	-0,200	-0,000	-0,000	-0,000	123,000	-0,000	-0,000

INTERACTIVE-MEGA VERSION UPDATED FEB 1976
ERROR-CORRECTIONS DIVISION 0-91457067-0, 0-91457067-1
MODIFICATIONS 50, 51, 52, 53, 54, 55, 56, 57, 58

T1 EPN 26. HADISON-MAYOFAN FIS
T2 50 YR NATURAL
T3 DAY-NIGHT VARIETY OF HADISON-MAYOFAN

PHOTO

CCIVS 1,200 CEPV 1,740
 569939.00 135.32 5695.72 8.00 0.00 5666.02 .30 7.81 .02 549.90
 6946.81 1424.00 4650.25 277.96 9624.10 00030.371.8245.508.550.30
 1.14 1112.00 4.84 1.75 1.150 .060 1.150 .660 530.40 674.70
 660399 16934.00 16934.00 16934.00 2.00 0.00 1.00 1093.47 1768.17

OVERVIEW OF AREA DOCUMENTATION - EFFECTIVE DATE: 01/01/2016 EDITION: 01/01/2016

569,674,661.11 - 39,344 - 569,714 - 0,00 - 0,00 - 569,674 - .36 - .02 - .00 - 540,501
 601,097 - 07 - 601,097 - 07 - 601,097 - 07 - 601,097 - 07 - 601,097 - 07 - 509,1 - 575,790
 5114 - 00 - 5114 - 00 - 5114 - 00 - 5114 - 00 - 5114 - 00 - 5114 - 00 - 5114 - 00 - 530,40 - 1200,00
 ,000,611 - 00 - 000,611 - 00 - 000,611 - 00 - 000,611 - 00 - 000,611 - 00 - 000,611 - 00 - 0,00 - 576,05 - 1770,05

ССНЧВ-4200 СЕНУа 40

3265-01 v.160-160K

NORMAL BRIDGE, AVERAGE 8 MIN ELLIPTIC = 572,00 MAX ELLIPTIC = 576,2

989070.00 33.33 565.73 0.00 0.00 566.05 .32 .00 .01 574.50
60100. 0. 60100. 0. 0. 13174. 0. 8264. 509. 581.8
14.44 0.00 4.56 0.00 .020 .030 .030 .060 530.40 1200.00

INTERACTIVE HEC? VERSION UPDATED 1 FEB 1974
ERROR-CORRECTIONS 01,04,03,04,05,06,07,08,11,14
MODIFICATIONS 50,51,52,53,54,55,56,57,58

T1 FPI-HE-MATIRON-MAYODAH-FIS
T2 JUN-YH-NATURAL
MAN-PYTHON-VACINITY-OF-HATTISON-MAYOCHAN-IC

J1	TICKET	INC	XINV	IDIR	STP	METRIC	XVINS	Q	WSEL	FQ
-10		4	20	-0	-0,000000	-0,00	-0,0	-0,	560,300	-0,000
J2	TRNOF	TPCU1	TRCV3	XSETV	XSPCH	FM	ALCDC	TMH	CHNTM	ITFACE
3,000	0,000	1,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	0,000	-0,000

100

CONV = 1.200 TEV = 1.400

	589.819.60	377.86	580.724	6.86	63.60	560.58	.34	7.88	.61	549.90
725.717.	359.216.0	589.631	427	11474	108347	503	9534	520	55.730	
1.07	3.33	5.25	,85	1.1511	.060	.150	.060	530.40	656.05	
1.600.422	369.54	169.34	169.34	2	1	1	0.00	1120.00	1776.04	

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589069, P61 37.85 506.25 8,600 6,000 566,611 .35 .02 .01 549.50
725067 925,000 1516K 9,566 5214 978,900
1,197 0.00 4,780 0,00 7090 .061 .150 7060 530,40 1200,000
7,000,001 500 500 0 0 0 0 0 0 0 578,22 1778,22

ССНУА 1,200 ССНУА 1,400

-3265 DIVIDE OF FLOW

NORMAN BEINGA / MIDE 0.00016ELTBK 572.00 MAX ELLGE 572.00

5H9670.00 37.33 568.23 0.00 0.00 568.62 .39 .00 0.01 574.50
12500.00 0.00 14550.00 0.00 0.00 14550.00 0.00 9556.00 521.00 501.00
1-32 0.00 4,98 0.05 0.30 0.30 0.30 0.060 530.40 1200.00

INTERACTIVE HEC2 VERSION UPDATED FEB 1976
ERROR-CORRECTIONS: 01, 02, 03, 04, 17, 06, 07, 08, 09
MODIFICATIONS: 50, 51, 52, 53, 54, 55, 56, 57, 58

T1 FPM-BE MADDISON-NAYODAH FLS
T2 500 YR NATURAL
T3 DAY RIVER FACILITY OF MADDISON-NAYODAH INC

J1	ICHECK	INO	NINV	IDIR	STAT	METRIC	HVINS	D	WSEL	FQ
J2	HPMTP	IPLOT	PRTVS	XSECV	XSFCH	FN	ALCDC	IHW	CHNM	ITRACE
	15,100	0,000	1,012	0,000	0,000	0,000	0,000	0,000	0,000	0,000

PROF

CCHV= .200 CEHV= .400
3280 CROSS SECTION 572089.00 EXTENDED .00 FEET

SECOND	DEPTH	CRSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	DLB	GCH	SHOB	ALOB	AGH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLTH	VTH	VRTH	XNC	YNC	XNR	WTN	ELMIN	SSTA
SLOPE	XINL	XLCR	YLOBP	ITRITAL	100	ICONT	CORAR	TOPND	FMNST
572089.00	14.30	566.30	0.00	566.30	566.71	.41	0.00	0.00	541.00
110000.	1687.	36898.	51115.	996.	6245.	28378.	0.	0.	529.00
0.00	1.62	7.51	7.16	.120	.050	.120	0.000	522.00	121.43
000001	22238.	22238.	22238.	0	0	1	0.00	1578.57	1700.00

CCHV= .200 CEHV= .400	589019.00	574.50	0,00	0,00	574.50	.45	8.22	.01	549.90	
	108405.	27673.	79723.	1704.	16282.	128427.	915.	127627.	537.	550.30
	.94	1.70	6.21	1.10	.750	.060	.150	.060	530.40	609.62
	.000071	16934.	16934.	16934.	16934.	1	0.00	1186.01	1795.63	

OVERBANK AREA ASSUMED NON-EFFECTIVE, ELSEA= 571.00 ERCA= 578.20

589069.00	54.29	574.69	0,00	0,00	575.00	.31	.02	.03	549.50
108408.	16933.	91497.	0.	11345.	18956.	0.	12797.	10397.	575.90
.94	1.49	4.63	0,00	.150	.060	.150	.060	530.40	608.21
.0000389	30.	50.	50.	2	30.	1	3.00	1299.86	1799.08

CCHV= .200 CEHV= .400

3265 DIVIDED FLOW

NORMAL BRIDGE NRD= 8 MIN GELTRD= 572.00 MAX FLCC= 578.20

INTERACTIVE NHC2 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

Floodway Table

T1 EPM HR MADISON-MAYODAN FIS

T2 1.00 YR NATURAL

T3 RAN RIVER VICINITY OF MADISON-MAYODAN NC

	J1	ICHECK	IND	NINV	IDTR	STRT	METRIC	HVINS	O	WSEL	FO
	X1		4.	-0.	0.	-0.00000	-0.000	-0.000	-0.	560.360	-0.000
	J2	NPROF	IPILOT	PREFVS	XSECV	XSECH	EN	ALLOC	THW	CHNP	ITRACE
	1.000	-0.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
	X3	-1.000	270.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
	X1	-1.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
	G1	4.000	-0.000	-0.000	74000.000	-0.000	74000.000	74000.000	74000.000	-0.000	-0.000
	EC	.120	.120	.050	.200	.000	-0.000	-0.000	-0.000	-0.000	-0.000
	ET	-0.000	-0.000	-0.000	-0.000	-0.000	5,400	-0.000	-0.000	-0.000	-0.000
	X1	572085.000	27.000	260.000	350.000	22235.000	22238.000	22238.000	-0.000	-0.000	-0.000
	GR	584.100	3900.000	605.100	2000.000	-7.000	-0.000	-0.000	-0.000	-0.000	-0.000
	PT	7.000	30700.000	50500.000	61600.000	93700.000	61600.000	61600.000	61600.000	-0.000	-0.000
	X1	595221.000	19.000	700.000	868.000	6069.000	6069.000	6069.000	-0.000	-0.000	-0.000
	X3	10.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
	GR	507.300	37.000	500.000	700.000	559.100	200.000	555.000	300.000	551.300	400.000
	GR	552.700	39.000	554.000	600.000	553.900	700.000	544.700	714.000	544.600	720.000
	GR	534.800	740.000	533.900	760.000	533.100	780.000	533.900	800.000	547.800	838.000
	GR	536.800	860.000	535.800	900.000	533.600	1000.000	530.500	1056.000	540.000	1000.000
	X1	595221.000	12.000	0.000	1056.000	50.000	50.040	50.000	-0.000	-0.000	-0.000
	GR	508.300	8.000	559.300	200.000	551.300	400.000	554.600	600.000	553.900	700.000
	GR	534.800	740.000	533.700	780.000	533.900	800.000	536.800	868.000	553.800	900.000
	GR	553.600	1000.000	550.500	1056.000	507.000	107.000	537.000	-0.000	-0.000	-0.000
	ND	0.030	0.010	0.010	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
	X1	595272.000	51.000	9.000	1056.000	1.000	1.000	1.000	-0.000	-0.000	-0.000
	PT	6.000	0.000	0.000	600.000	155.000	605.200	601.900	156.000	605.200	583.300
	BT	1716.000	540.900	570.000	1017.000	590.900	587.900	1056.000	590.500	587.400	0.000
	GR	607.700	6.000	595.100	45.000	607.000	45.000	607.000	48.000	595.100	48.000
	GR	560.000	100.000	615.000	100.000	606.000	103.000	600.000	103.000	569.000	155.000
	GR	605.200	150.000	605.200	158.000	569.000	158.000	559.100	200.000	555.000	297.000
	GR	602.900	297.000	602.900	300.000	555.000	300.000	551.300	400.000	551.700	429.000
	GR	600.800	429.000	600.800	432.000	551.700	432.000	554.000	566.000	598.500	566.000
	GR	598.500	569.000	569.000	569.000	560.000	560.000	553.900	697.000	596.400	697.000
	GR	596.400	700.000	593.900	700.000	534.800	740.000	533.100	780.000	533.900	800.000
	GR	582.500	820.000	584.500	820.000	594.500	820.000	542.500	823.000	558.800	868.000
	GR	558.800	902.000	553.700	975.000	591.600	976.000	591.600	979.000	553.700	970.000
	GR	553.600	1000.000	565.000	1016.000	591.000	1017.000	591.000	1019.000	565.000	1019.000
	GR	590.500	1050.000	1.000	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
	X1	595298.000	0.000	0.000	0.000	26.000	26.000	26.000	-0.000	-0.000	-0.000

TABLE 1

TABLE 1

GR	591,000	270,500	2,000,000	282,000	2,000,000	272,000	900,000	20,000	572,400	1000,000	572,400	1000,000
GR	583,200	0,000	5,317,000	600,000	572,200	800,000	272,000	900,000	575,000	1248,000	575,000	1248,000
GR	574,500	1200,000	549,500	1200,000	549,000	1245,000	574,900	1245,000	575,000	1248,000	575,800	1320,000
GR	549,000	1248,000	548,800	1300,000	548,900	1317,000	575,800	1317,000	576,500	1400,000	549,900	1400,000
GR	548,900	1320,000	549,000	1397,000	576,500	1397,000	576,500	1400,000	549,900	1400,000	532,000	1500,000
GR	535,300	1469,000	577,500	1459,000	577,500	1462,000	535,300	1462,000	535,300	1462,000	532,000	1500,000
GR	531,200	1537,000	578,400	1827,000	578,400	1840,000	531,700	1840,000	530,400	1560,000	530,400	1560,000
GR	530,400	1600,000	579,500	1600,000	579,500	1603,000	530,400	1603,000	530,400	1640,000	530,400	1640,000
GR	531,000	1677,000	580,000	1677,000	580,000	1680,000	531,000	1680,000	531,000	1700,000	535,600	1700,000
GR	531,300	1729,000	580,000	1729,000	581,000	1757,000	581,000	1752,000	580,000	1752,000	580,000	1752,000
GR	575,000	1803,000	581,000	1803,000	581,000	2000,000	0,000	0,000	0,000	0,000	0,000	0,000
X1	589100,000	0,000	5,317,000	0,000	31,000	0,000	31,000	0,000	0,000	0,000	0,000	0,000
X2	-10,000	-10,000	-10,000	-10,000	-10,000	-10,000	1,000	-10,000	0,000	0,000	0,000	-10,000
NC	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150
X1	589332,000	32,000	1200,000	1803,000	1,000	1,000	1,000	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	0,000	0,000	0,000	0,000	0,000
GR	602,000	0,000	597,200	100,000	597,900	200,500	620,500	300,000	610,000	900,000	552,100	900,000
GR	613,500	500,000	575,000	600,000	562,300	700,000	556,400	800,000	549,900	1440,000	531,700	1540,000
GR	551,000	3000,000	550,300	1100,000	549,900	1260,000	548,800	1300,000	532,100	1520,000	530,400	1640,000
GR	535,300	1482,000	533,000	1482,000	532,700	1500,000	532,700	1520,000	531,700	1540,000	530,600	1603,000
GR	538,400	1560,000	530,200	1580,000	530,400	1660,000	530,400	1620,000	530,400	1640,000	530,600	1640,000
GR	530,600	1680,000	531,600	1680,000	535,600	1700,000	550,300	1720,000	575,900	1803,000	584,100	1900,000
GR	584,100	1900,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	584,100	2000,000
X1	559132,000	32,000	1400,000	1720,000	50,000	50,000	50,000	-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	0,000	0,000	0,000	0,000	0,000
GR	688,500	0,000	592,200	100,000	597,900	200,000	620,500	300,000	618,000	900,000	602,000	900,000
GR	683,500	500,000	575,000	600,000	562,300	700,000	556,400	800,000	552,100	900,000	549,900	1440,000
GR	551,000	3000,000	550,300	1100,000	549,900	1260,000	548,800	1300,000	547,900	1400,000	547,900	1400,000
GR	538,300	1462,000	533,000	1480,000	532,000	1500,000	532,000	1520,000	531,700	1540,000	530,400	1640,000
GR	530,400	1560,000	530,200	1580,000	530,400	1660,000	530,400	1620,000	530,400	1640,000	530,600	1640,000
GR	530,600	1680,000	531,600	1680,000	535,600	1700,000	550,300	1720,000	575,900	1803,000	584,100	1900,000
GR	584,100	1900,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	584,100	2000,000
X1	559132,000	32,000	1400,000	1720,000	50,000	50,000	50,000	-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	0,000	0,000	0,000	0,000	0,000
GR	688,500	0,000	592,200	100,000	597,900	200,000	620,500	300,000	618,000	900,000	602,000	900,000
GR	683,500	500,000	575,000	600,000	562,300	700,000	556,400	800,000	552,100	900,000	549,900	1440,000
GR	551,000	3000,000	550,300	1100,000	549,900	1260,000	548,800	1300,000	547,900	1400,000	547,900	1400,000
GR	538,300	1462,000	533,000	1480,000	532,000	1500,000	532,000	1520,000	531,700	1540,000	530,400	1640,000
GR	530,400	1560,000	530,200	1580,000	530,400	1660,000	530,400	1620,000	530,400	1640,000	530,600	1640,000
GR	530,600	1680,000	531,600	1680,000	535,600	1700,000	550,300	1720,000	575,900	1803,000	584,100	1900,000
GR	584,100	1900,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	584,100	2000,000
X1	589221,000	10,000	760,000	600,000	6069,000	6069,000	6069,000	-0,000	-0,000	-0,000	-0,000	-0,000
X3	-10,000	-8,000	-2,000	-2,000	-6,000	-6,000	-6,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	688,500	0,000	592,200	100,000	597,900	200,000	620,500	300,000	618,000	900,000	602,000	900,000
GR	683,500	500,000	575,000	600,000	562,300	700,000	556,400	800,000	552,100	900,000	549,900	1440,000
GR	551,000	3000,000	550,300	1100,000	549,900	1260,000	548,800	1300,000	547,900	1400,000	547,900	1400,000
GR	538,300	1462,000	533,000	1480,000	532,000	1500,000	532,000	1520,000	531,700	1540,000	530,400	1640,000
GR	530,400	1560,000	530,200	1580,000	530,400	1660,000	530,400	1620,000	530,400	1640,000	530,600	1640,000
GR	530,600	1680,000	531,600	1680,000	535,600	1700,000	550,300	1720,000	575,900	1803,000	584,100	1900,000
GR	584,100	1900,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	585,100	2000,000	584,100	2000,000
X1	589221,000	12,000	1,000	9956,000	50,000	50,000	50,000	-0,000	-0,000	-0,000	-0,000	-0,000
GR	688,500	0,000	592,200	100,000	597,900	200,000	620,500	300,000	618,000	900,000	602,000	900,000
GR	683,500	710,000	710,000	533,100	780,700	533,900	800,700	556,800	860,000	553,700	900,000	544,700
GR	553,600	1100,000	553,600	986,700	553,600	986,700	553,600	986,700	553,600	986,700	544,700	986,700
GR	534,700	1242,000	534,700	1242,000	534,700	1242,000	534,700	1242,000	534,700	1242,000	534,700	1242,000
GR	535,300	1242,000	535,300	1242,000	535,300	1242,000	535,300	1242,000	535,300	1242,000	535,300	1242,000
GR	536,900	1242,000	536,900	1242,000	536,900	1242,000	536,900	1242,000	536,900	1242,000	536,900	1242,000
GR	537,500	1242,000	537,500	1242,000	537,500	1242,000	537,500	1242,000	537,500	1242,000	537,500	1242,000
GR	538,100	1242,000	538,100	1242,000	538,100	1242,000	538,100	1242,000	538,100	1242,000	538,100	1242,000
GR	538,700	1242,000	538,700	1242,000	538,700	1242,000	538,700	1242,000	538,700	1242,000	538,700	1242,000
GR	539,300	1242,000	539,300	1242,000	539,300	1242,000	539,300	1242,000	539,300	1242,000	539,300	1242,000
GR	540,900	1242,000	540,900	1242,000	540,900	1242,000	540,900	1242,000	540,900</			

3

X1	595279,000	12,000	536,000	1056,000	1,000	1,000	1,000	-0,000	-0,000	-0,000	-0,000
GR	548,300	8,000	539,100	200,000	551,300	400,000	554,600	600,000	553,900	700,000	
GR	534,800	740,000	533,300	780,000	533,900	800,000	556,800	868,000	553,600	900,000	
GR	553,300	1000,000	529,500	1062,000	-0,000	0,000	-0,000	-0,000	-0,000	-0,000	
X1	595349,000	12,000	700,500	868,000	50,000	50,000	50,000	-0,000	-0,000	-0,000	-0,000
GR	548,300	12,000	550,100	200,000	551,300	400,000	554,600	600,000	553,900	700,000	
GR	534,800	740,000	533,100	780,000	533,900	800,000	556,800	868,000	553,600	900,000	
GR	553,300	1000,000	500,500	1065,000	-0,000	0,000	-0,000	-0,000	-0,000	-0,000	
PT	2,700	28880,000	42800,000	58100,000	68800,000	58100,000	38100,000	358100,000	-0,000	-0,000	
PT	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
X1	609724,200	24,000	336,000	1336,000	14376,000	14576,000	-0,000	-0,000	-0,000	-0,000	
GR	547,300	8,000	539,100	1000,000	580,300	200,000	579,200	300,000	575,100	336,000	
GR	534,800	385,000	527,500	396,500	542,800	416,000	541,300	436,000	542,800	456,000	
GR	540,300	476,000	541,300	496,000	550,300	515,000	557,200	536,000	560,300	636,000	
GR	559,800	536,000	562,200	801,000	631,100	960,000	564,000	1000,000	565,700	1100,000	
GR	562,800	1200,000	569,400	1380,000	572,300	1400,000	574,700	1500,000	580,100	1600,000	
GR	585,800	1700,000	587,400	1800,000	590,800	1900,000	591,900	1950,000	-0,000	-0,000	
X1	607774,000	21,000	335,800	746,100	50,000	50,000	50,000	-0,000	-0,000	-0,000	
X3	30,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	575,100	573,000	-0,000	
GR	597,300	8,000	584,000	100,000	580,300	200,000	578,200	300,000	575,100	336,000	
GR	538,300	385,000	547,500	396,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	476,000	546,300	496,000	557,800	536,000	560,300	636,000	559,800	744,000	
GR	562,200	660,000	564,500	1064,000	560,600	1300,000	574,700	1500,000	585,800	1700,000	
GR	591,900	1950,000	597,400	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
NC	1,130	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
X1	609775,000	24,000	336,000	744,000	51,000	1,000	1,000	-0,000	-0,000	-0,000	
PT	5,000	571,100	573,100	336,000	576,500	573,100	744,000	576,700	573,000		
PT	500,000	577,000	573,000	1200,000	576,300	573,000	1500,000	576,800	573,000	1600,000	
PT	523,100	573,000	1900,000	593,600	573,000	-0,000	-0,000	-0,000	-0,000	-0,000	
GR	593,100	40,000	576,500	336,000	549,300	385,000	576,500	385,000	576,500	387,000	
GR	548,300	387,000	547,800	396,000	542,800	416,000	544,800	434,000	576,500	434,000	
GR	576,500	430,000	564,800	435,000	542,800	456,000	544,000	485,000	576,400	485,000	
GR	593,100	437,000	545,000	487,000	564,300	496,000	557,800	535,000	576,400	535,000	
GR	578,200	577,000	567,800	567,000	568,700	570,000	576,400	570,000	576,400	572,000	
GR	593,700	572,000	559,600	605,000	576,400	605,000	576,400	607,000	559,600	607,000	
GR	560,300	636,000	576,400	636,000	576,400	638,000	560,300	638,000	560,300	675,000	
GR	576,400	635,000	576,400	677,000	569,100	677,000	568,000	710,000	576,400	710,000	
GR	578,400	712,000	568,000	712,000	559,800	744,000	576,400	744,000	577,000	900,000	
GR	583,300	1200,000	575,800	1500,000	577,700	1600,000	593,600	1950,000	-0,000	-0,000	
X3	597771,000	8,000	536,000	741,000	26,000	26,000	26,000	-0,000	-0,000	-0,000	
X2	546,100	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
M3	1,150	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
X1	595279,100	21,000	336,000	743,000	50,000	1,000	1,000	-0,000	-0,000	-0,000	
X3	12,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
GR	597,300	8,000	584,000	100,000	580,300	200,000	578,200	300,000	575,100	336,000	
GR	548,300	385,000	547,800	396,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	476,000	546,300	496,000	542,800	557,800	536,000	636,000	559,500	714,000	
GR	562,200	800,000	564,000	1060,000	564,600	1300,000	574,700	1500,000	585,300	1700,000	
GR	591,900	1950,000	595,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
X1	609452,000	31,000	336,000	536,000	50,000	50,000	50,000	-0,000	-0,000	-0,000	
GR	597,300	8,000	584,000	100,000	580,300	200,000	578,200	300,000	575,100	336,000	
GR	548,300	385,000	547,800	396,000	542,800	416,000	544,800	436,000	542,800	456,000	
GR	543,300	476,000	546,300	496,000	542,800	557,800	536,000	636,000	559,500	714,000	
GR	562,200	600,000	564,000	1000,000	569,600	1300,000	574,700	1500,000	585,300	1700,000	
GR	591,900	1950,000	595,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	-0,000	
PT	7,000	26000,000	43500,000	53300,000	81000,000	53300,000	53300,000	53300,000	-0,000	-0,000	

X1	646522.000	26,000	900,000	1100,000	36740,000	36740,000	-0,000	-0,000	-0,000
GR	628,600	3,000	620,700	100,000	613,300	200,000	606,600	300,000	605,200
GR	599,100	500,000	597,600	600,000	589,000	700,000	583,000	800,000	583,100
GR	577,600	925,000	571,600	940,000	568,600	960,000	564,600	980,000	569,600
GR	568,600	1520,000	565,100	1040,000	567,600	1060,000	566,600	1080,000	568,600
GR	579,100	1100,000	580,200	1300,000	581,800	1400,000	583,200	1500,000	583,800
GR	598,500	1700,000	600,000	1800,000	608,100	1900,000	-0,000	-0,000	-0,000
X1	646742.000	24,000	800,000	1198,000	50,000	50,000	-0,000	-0,000	-0,000
X2	10,000	-0,000	-7,000	-9,000	-0,000	-0,000	595,300	595,300	-0,000
GR	628,600	0,000	620,700	300,000	615,200	400,000	599,100	500,000	597,600
GR	589,000	700,000	583,000	800,000	583,100	900,000	572,600	940,000	564,600
GR	569,600	1000,000	565,600	1020,000	566,100	1040,000	567,600	1060,000	566,600
GR	568,600	1000,000	571,100	1100,000	574,700	1198,000	580,200	1300,000	583,200
GR	583,800	1660,000	595,500	1700,000	600,800	1800,000	608,100	1900,000	-0,000
GR	598,500	1730	5930	17200	-100	-0,000	-0,000	-0,000	-0,000
X1	646643.000	50,000	800,000	1198,000	1,000	1,000	1,000	-0,000	-0,000
BT	14,000	0,000	628,700	595,300	400,000	601,600	595,300	500,000	598,700
BT	600,000	598,700	595,300	700,000	597,400	595,300	800,000	597,500	595,300
BT	597,500	595,300	1300,000	596,800	595,300	1400,000	595,100	595,100	1500,000
BT	594,700	1600,000	595,900	1700,000	596,900	1700,000	597,500	595,300	1800,000
BT	1200,000	670,000	595,300	-10,000	-10,000	-10,000	-0,000	-0,000	-0,000
GR	628,700	0,000	601,600	400,000	598,700	500,000	598,000	600,000	597,400
GR	597,500	800,000	583,000	800,000	583,000	849,000	597,500	849,000	597,500
GR	568,600	851,000	563,100	898,000	597,500	898,000	597,500	900,000	583,100
GR	578,500	949,000	597,500	949,000	597,500	951,000	570,500	951,000	564,600
GR	569,600	978,000	597,500	998,000	597,500	1000,000	569,600	1000,000	565,600
GR	566,100	1040,000	567,000	1048,000	597,500	1040,000	597,500	1050,000	567,000
GR	567,600	1040,000	566,600	1064,000	568,600	1090,000	579,100	1098,000	597,500
GR	597,500	1100,000	579,100	1100,000	579,500	1149,000	557,500	1149,000	597,500
GR	579,700	1517,300	579,700	1196,000	597,500	1198,000	596,600	1300,000	573,100
GR	594,270	1500,000	594,900	1600,000	597,500	1700,000	582,800	1800,000	608,000
X1	646777.000	10,000	10,000	10,000	34,000	34,000	34,000	-0,000	-0,000
X2	-0,000	-0,000	-1,000	-1,000	-1,000	-1,000	-0,000	-0,000	-0,000
EJ	-0,000	-0,000	-0,000	-1,000	-1,000	-1,000	-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

11. FEM-BR-MADISON-MAYODAN-FIS
12. METHOD=A (100 FT INCREASE)
13. GARP RIVER VALTNTY OF MADISON-MAYODAN NC

ICHECK	TNO	NNV	TDR	STRT	ENETRIC	HVINS	WSEL	FQ		
10.	163	-0.	-0.	0.000000	-0.00	-0.0	561.300	-0.000		
12	IPRUE	IFCT	FRFVS	YFCY	XFCY	PN	ALLOC	IRW	CHNM	ITRACE
	15.000	-0.000	-1.000	-1.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000

*PROF-2

CCHY=.400 DEHV=.400
*SECNO 572082.100
2801 NAT 01= 32617.36 WSEL= 560.30 FNC 01= 32617.36 WSEL= 560.80 RATIO= .0000
NAT 01= 33608, RATIOS L/R,B,CH,RDB= ,12140 ,7799 ,0062 WSEL= 560.80
3260 CROSS SECTION 572085.00 EXTENDED 1.00 FEET

SECNO	DEPTH	TXSFL	CFCTES	WSECK	FIG	HV	HL	LOSS	BANK FLEV
0	CFCT	LDR	GRDE	ALCR	ACH	AROR	VOL	TVA	LEFT/RIGHT
TIME	VLRB	VCH	VRDB	XNL	XNCN	XNR	WTN	ELMIN	SSTA
SLOPE	Y1,051	XCH	XLDR	ITRIAL	IDC	ICONT	CURAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 1200.0 1501.3 TYPE= 4 TARGET= .037 6223
572055.00 56.80 561.30 0.00 560.30 561.64 .34 0.00 0.00 541.00 R 12.26
11.25

CCHY=.200 DEHV=.500
*SECNO 572019.00
2800 NAT 01= 35204.09 WSEL= 568.72 FNC 01= 35204.09 WSEL= 568.74 RATIO= .0000
NAT 01= 36378, RATIOS L/R,B,CH,RDB= ,2140 ,7799 ,0062 WSEL= 568.74

3470 ENCROACHMENT STATIONS= 1108.5 1720.0 TYPE= 4 TARGET= .030 6126
589015.00 38.82 569.22 0.05 568.72 569.55 .33 0.00 549.90 QL -212
11.16

*SECNO 572008.00
2800 NAT 01= 32726.02 WSEL= 568.25 FNC 01= 33692.56 WSEL= 568.75 RATIO= .0295
NAT 01= 33693, RATIOS L/R,B,CH,RDB= ,0.0000 ,1.0000 ,0.0000 WSEL= 568.75

3470 ENCROACHMENT STATIONS= 1210.0 1703.0 TYPE= 4 TARGET= 0.000 6137.0

OVERBANK AREA ASSUMED NON-EFFECTIVE, ELRFA= 572.00 ELREA= 572.20

589069.00 38.85 569.25 0.00 568.25 569.58 1.00 .33 .02 .00 549.50

CCHY=.200 DEHV=.400

*SECNO 572070.000

FLOODWAY DATA, DAN RIVER VICINITY OF MA
PROFILE NO. 2

FLOODWAY WATER SURFACE ELEVATION
STATION HI. FLOODWAY SECTION MEAN WITH WITHOUT DIFFERENCE
LEFT AREA VELOCITY FLOODWAY FLOODWAY

572085.000	1504.	25454.	3.9	561.3	560.3	1.0
589019.000	1871.	21580.	3.6	569.2	568.2	1.0
589069.000	581.	15741.	4.6	569.2	568.3	1.0
589070.000	558.	15105.	4.8	569.2	568.2	1.0
589101.000	558.	15110.	4.8	569.2	568.2	1.0
589132.000	582.	15758.	4.6	569.3	568.3	1.0
589152.000	882.	21835.	3.3	569.3	568.4	1.0
595221.000	766.	17107.	3.6	573.4	572.5	.9
595271.000	1091.	16653.	3.3	573.7	572.6	.9
595272.000	675.	17911.	3.4	573.7	572.8	.9
595298.000	676.	17915.	3.4	573.7	572.8	.9
595299.000	496.	16665.	3.3	573.8	572.9	.9
595349.000	768.	17280.	3.6	573.6	572.8	.9
609724.000	974.	22381.	2.6	583.7	582.9	.8
609774.000	947.	22032.	2.4	583.8	583.0	.8
609775.000	3086.	14771.	3.9	583.7	582.9	.8
609801.000	1066.	14777.	3.9	583.7	582.9	.8
609802.000	948.	22112.	2.6	583.8	583.0	.8
609852.000	978.	22540.	2.7	583.8	583.8	.8
646592.000	855.	19906.	2.8	602.3	601.3	1.0
646642.000	831.	19619.	2.7	602.4	601.4	1.0
646643.000	823.	12263.	4.3	602.3	601.3	1.0
646677.000	824.	12277.	4.3	602.4	601.4	(1.0)