Summary of FCC ILLR Test Resuts vs ITWOM

Mode:	FCC ILLR Test Results Ave. Error vs. Measured, dB	Variance	Standard Deviation	ITWOM 3.0 Test Results Ave. Error vs. Measured, dB	Variance	Standard Deviation
Line-of-Sight (LOS) Range	10.26	328.43	18.12	0.07	141.46	11.89
One Horizon or Obstruction Range	7.65	492.47	22.19	1.64	341.86	18.49
Two Horizons or Obstructions Range	-5.59	940.89	30.67	0.28	413.16	20.33
For All Ranges:	6.57	478.29	21.86973	0.35	227.309	15.1

Note: No results found in Troposcatter Range.

FCC ILLR results used were the final results for ITM with ILLR, after adjustments to ILLR.

ITWOM 3.0 produced best match to FCC ILLR testbed measured results with an average clutter height set to 22.5 meters.
This can be compared to a best match to ITU-P.1546-2 results with 25.2 meter ave. clutter height.
These ITWOM 3.0 prediction results use an average clutter level, not modulated by ILLR values.
ITWOM 3.0 Results are expected to improve when interfaced to ILLR input into clutter loss calculations.

ERP Test 131 best results with copy loaded file to columns K to P, then

	f, MHz	true d, km	ERP	Measured	ILLR predict	ILLR error	ITWOM err	test num	rf field	adiffv2	dro
500 1,4-C1-1,DT53,35.219864592,80.853404726,30,	705.3	15.5	500	102.6	110.4	7.8	-6.91	1	95.69	inf	15512.78
500 2,4-C1-2,DT53,35.220975679,80.843404524,30,	705.3	14.6	500	93.5	110.4	16.9	3.08	2	96.58	inf	14603.79
500 3,4-C1-3,DT53,35.218753894,80.83007128,30,	705.3	13.4	500	91.4	111	19.6	6.05	3	97.45	inf	13425.98
500 4,4-C1-4,DT53,35.211531829,80.852015758,30,	705.3	15.6	500	100.9	109.8	8.9	-5.11	4	95.79	inf	15591.56
500 5,4-C1-5,DT53,35.214032085,80.824237193,30,	705.3	13.1	500	94.5	111	16.5	3.53	5	98.03	inf	13105.65
500 6,4-C1-6,DT53,35.205420994,80.851737795,30,	705.3	15.8	500	95.6	109.8	14.2	-0.05	6	95.55	inf	15810.82
500 7,4-C1-7,DT53,35.205699088,80.842849615,30,	705.3	15	500	87.4	110.4	23	8.59	7	95.99	inf	14988.78
500 8,4-C1-8,DT53,35.205976186,80.833682428,30,	705.3	14.2	500	80.9	111	30.1	15.87	8	96.77	inf	14246.04
500 9,4-C2-1,DT53,35.95291085,81.037578555,30,	705.3	84	500	78.7	100.5	21.8	-26.52	9	52.18	43.4	538.7205
500 10,4-C2-2,DT53,35.952076946,81.025078119,30,	705.3	83.5	500	77	100.5	23.5	-42.45	10	34.55	61.09	692.1641
500 11,4-C2-3,DT53,34.952923221,81.020911186,30,	705.3	45	500	89.3	100.7	11.4	-10.4	11	78.9	inf	44961.43
500 12,4-C2-4,DT53,34.941255084,81.04285624,30,	705.3	47.3	500	80.1	100.4	20.3	-1.63	12	78.47	inf	47271.16
500 13,4-C2-5,DT53,34.941255997,81.020356382,30,	705.3	45.9	500	95.2	100.5	5.3	-16.48	13	78.72	inf	45899.19
500 14,4-C2-6,DT53,34.939311228,81.038411308,30,	705.3	47.1	500	81.3	100.4	19.1	-2.8	14	78.5	inf	47109.23
500 15,4-C2-7,DT53,34.935977697,81.025078445,30,	705.3	46.6	500	65.8	100.4	34.6	12.8	15	78.6	inf	46585.3
500 16,4-C2-8,DT53,34.936533864,81.021189455,30,	705.3	46.3	500	61.8	100.5	38.7	16.85	16	78.65	inf	46294.15
500 17,4-C3-1,DT53,35.235143408,80.725347387,30,	705.3	3.9	500	90.6	121.9	31.3	8.44	17	99.04	inf	3898.809
500 18,4-C3-2,DT53,35.238754311,80.716735275,30,	705.3	3	500	89.5	124.4	34.9	11.46	18	100.96	inf	3049.316
500 19,4-C3-3,DT53,35.220976757,80.719791336,30,	705.3	4.5	500	101.6	121.9	20.3	-2.97	19	98.63	inf	4491.697
500 20,4-C3-4,DT53,35.225698778,80.824515133,30,	705.3	12.8	500	98	124.4	26.4	-0.27	20	97.73	inf	12763.72
500 21,4-C3-5,DT53,35.226254625,80.718958319,30,	705.3	4	500	81.4	121.9	40.5	17.72	21	99.12	inf	4012.009
500 22,4-G1A1,DT53,35.243752662,80.877849997,30,	705.3	17.3	500	87.3	109.3	22	5.12	22	92.42	inf	17273.35
500 23,4-G1A2,DT53,35.241530934,80.860349697,30,	705.3	15.8	500	96.6	110.4	13.8	-1.04	23	95.56	inf	15767.18
500 24,4-G1A3,DT53,35.240142202,80.841182357,30,	705.3	14	500	98.3	111	12.7	-1.5	24	96.8	inf	14034.28
500 25,4-G1A4,DT53,35.241253367,80.825071055,30,	705.3	12.5	500	99.9	111.6	11.7	-2.17	25	97.73	inf	12520.41
500 26,4-G1A5,DT53,35.242920525,80.808403743,30,	705.3	11	500	84.1	87.1	3	14.61	26	98.71	inf	11005.24
500 27,4-G1B1,DT53,35.226531103,80.87979418,30,	705.3	17.7	500	93.2	108.8	15.6	0.39	27	93.59	inf	17720
500 28,4-G1B2,DT53,35.228198901,80.808681819,30,	705.3	11.3	500	92	109.8	17.8	6.66	28	98.66	inf	11319.03
500 29,4-G1B3,DT53,35.229864432,80.844515486,30,	705.3	14.5	500	70.4	111	40.6	26.14	29	96.54	inf	14461.49
500 30,4-G1B4,DT53,35.225699629,80.704235134,30,	705.3	3.3	500	81.8	111.6	29.8	18.1	30	99.9	inf	3300.019
500 31,4-G1B5,DT53,35.228198302,80.859237776,30,	705.3	15.8	500	94.6	113.1	18.5	0.98	31	95.58	inf	15827
500 32,4-G1C1,DT53,35.213475465,80.878961275,30,	705.3	17.9	500	91.5	108.8	17.3	0.68	32	92.18	inf	17891.2
500 33,4-G1C2,DT53,35.212920705,80.859515896,30,	705.3	16.2	500	76.3	109.8	33.5	18.69	33	94.99	inf	16174.16
500 34,4-G1C3,DT53,35.210420961,80.843126589,30,	705.3	14.9	500	89.2	110.4	21.2	7.21	34	96.41	inf	14858.48
500 35,4-G1C4,DT53,35.214031969,80.83423739,30,	705.3	14	500	90.3	111.6	21.3	6.42	35	96.72	inf	13999.69
500 36,4-G1C5,DT53,35.212087344,80.806181847,30,	705.3	11.6	500	88.5	112.3	23.8	10.17	36	98.67	inf	11648.76
500 37,4-G1D1,DT53,35.199864828,80.879238397,30,	705.3	18.3	500	94.6	108.8	14.2	-1.4	37	93.2	inf	18329.25
500 38,4-G1D2,DT53,35.191254322,80.855904983,30,	705.3	16.7	500	84.1	109.3	25.2	8.83	38	92.93	inf	16741.75
500 39,4-G1D3,DT53,35.19875469,80.805903903,30,	705.3	12.2	500	69.3	110.4	41.1	28.43	39	97.73	inf	12222.61
500 40,4-G1D4,DT53,35.199032465,80.825071294,30,	705.3	13.8	500	93.7	111	17.3	3.45	40	97.15	inf	13830.14
500 41,4-G1D5,DT53,35.198754252,80.844515695,30,	705.3	15.5	500	99.3	112.3	13	-3.46	41	95.84	inf	15453.23
500 42,4-G1E1,DT53,35.182643274,80.880905579,30,	705.3	19.1	500	96	108.3	12.3	-3.29	42	92.71	inf	19149.11
500 43,4-G1E2,DT53,35.184032467,80.860072124,30,	705.3	17.4	500	68.1	108.8	40.7	24.64	43	92.74	inf	17363.94
500 44,4-G1E3,DT53,35.185421606,80.844237778,30,	705.3	16	500	56.5	109.8	53.3	38.92	44	95.42	inf	16025.41
500 45,4-G1E4,DT53,35.183754863,80.825071381,30,	705.3	14.6	500	73.7	110.4	36.7	22.9	45	96.6	inf	14602.79
500 46,4-G1E5,DT53,35.184588368,80.777570367,30,	705.3	11.1	500	82.5	111	28.5	16.53	46	99.03	inf	11099.64
500 47,4-G2A1,DT53,34.976256524,81.025077739,30,	705.3	43.4	500	74.5	100.5	26	4.71	47	79.21	inf	43379.9
500 48,4-G2A2,DT53,34.976255422,81.049243383,30,	705.3	44.9	500	70.5	100.7	30.2	8.41	48	78.91	inf	44899.62
500 49,4-G2A3,DT53,34.975423128,81.033410633,30,	705.3	44	500	81	100.5	19.5	-1.9	49	79.1	inf	43950.94
500 50,4-G2A4,DT53,34.974871312,80.708958124,30,	705.3	30.7	500	61.2	101.1	39.9	22.83	50	84.03	inf	30738.28
500 51,4-G2A5,DT53,34.977368729,80.997300015,30,	705.3	41.5	500	84.5	101.3	16.8	-4.9	51	79.6	inf	41476.24

500 52,4-G2B1,DT53,34.956810341,81.066743661,30,	705.3	47.5	500	68.2	79.2	11	12.95	52	81.15	19.28	1270.403
500 53,4-G2B2,DT53,34.961533219,81.048132739,30,	705.3	46	500	89.3	100.5	11.2	-10.59	53	78.71	inf	45972.85
500 54,4-G2B3,DT53,34.962088858,81.03368889,30,	705.3	45	500	76.9	100.7	23.8	2	54	78.9	inf	44986.01
500 55,4-G2B4,DT53,34.963201694,81.015078084,30,	705.3	43.8	500	79.9	100.9	21	-0.77	55	79.13	inf	43795.7
500 56,4-G2B5,DT53,34.961257327,80.998689244,30,	705.3	42.9	500	88.3	101.1	12.8	-8.99	56	79.31	inf	42873.43
500 57,4-G2C1,DT53,34.947087257,81.065355939,30,	705.3	48.2	500	45.2	79.4	34.2	33.1	57	78.3	inf	48220.82
500 58,4-G2C2,DT53,34.941255366,81.035911284,30,	705.3	46.9	500	69.1	100.4	31.3	9.45	58	78.55	inf	46862.15
500 59,4-G2C3,DT53,34.976254624,81.066743126,30,	705.3	46.1	500	71.5	100.5	29	7.19	59	78.69	inf	46090.4
500 60,4-G2C4,DT53,34.941256211,81.015078416,30,	705.3	45.5	500	88.4	100.7	12.3	-14.76	60	73.64	27.15	850.973
500 61,4-G2C5,DT53,34.946535011,80.995633298,30,	705.3	44	500	82.3	100.9	18.6	-0.46	61	81.84	19.25	1579.437
500 62,4-G2D1,DT53,34.925976179,81.059244529,30,	705.3	49.5	500	61	97.7	36.7	17.07	62	78.07	inf	49543.06
500 63,4-G2D2,DT53,34.932921967,81.042022425,30,	705.3	47.9	500	77.9	100.2	22.3	0.46	63	78.36	inf	47911.02
500 64,4-G2D3,DT53,34.926255476,81.025633614,30,	705.3	47.5	500	72.5	100.4	27.9	5.93	64	78.43	inf	47478.75
500 65,4-G2D4,DT53,34.933478326,81.007856566,30,	705.3	45.9	500	77.4	100.5	23.1	1.34	65	78.74	inf	45850.09
500 66,4-G2D5,DT53,34.92653463,80.988967257,30,	705.3	45.4	500	82	100.7	18.7	-3.17	66	78.83	inf	45369.43
500 67,4-G2E1,DT53,34.908475895,81.059522979,30,	705.3	51	500	57.3	79	21.7	20.53	67	77.83	inf	50976.8
500 68,4-G2E2,DT53,34.917087711,81.041189767,30,	705.3	49.2	500	54	97.3	43.3	24.14	68	78.14	inf	49166.85
500 69,4-G2E3,DT53,34.918477337,81.025078751,30,	705.3	48.1	500	68.8	100.2	31.4	9.52	69	78.32	inf	48106.14
500 70,4-G2E4,DT53,34.919034423,80.991189423,30,	705.3	46.1	500	82.2	100.4	18.2	-3.52	70	78.68	inf	46121.31
500 71,4-G2E5,DT53,34.919033973,81.008411758,30,	705.3	47.1	500	69.4	100.7	31.3	9.11	71	78.51	inf	47064.28
500 72,4-R050-1,DT53,35.339030645,80.558348727,30,	705.3	15	500	103.2	110.4	7.2	-7.2	72	96	inf	14991.48
500 73,4-R050-2,DT53,35.374030347,80.509509423,30,	705.3	20.9	500	84.3	107.5	23.2	6.98	73	91.28	inf	20875.52
500 74,4-R050-3,DT53,35.403197137,80.470619094,30,	705.3	25.7	500	86.8	105.6	18.8	0.74	74	87.54	inf	25717.97
500 75,4-R050-4,DT53,35.421530035,80.422006498,30,	705.3	30.4	500	85.2	86.9	1.7	-1.9	75	83.3	inf	30360.48
500 76,4-R050-5,DT53,35.453473643,80.390061059,30,	705.3	34.9	500	74.3	103	28.7	-26.27	76	48.03	54.9	1112.818
500 77,4-R050-6,DT53,35.476529338,80.352281497,30,	705.3	39.2	500	61.4	101.9	40.5	19.78	77	81.18	20.9	1934.86
500 78,4-R050-7,DT53,35.505695935,80.306723469,30,	705.3	44.4	500	84.5	76.7	-7.8	-5.48	78	79.02	inf	44353.22
500 79,4-R050-8,DT53,35.535417694,80.270333705,30,	705.3	49.1	500	61.3	78	16.7	19.85	79	81.15	19.01	1130.78
500 80,4-R050-9,DT53,35.559861347,80.229219805,30,	705.3	53.6	500	84.5	75	-9.5	-7.11	80	77.39	inf	53640.04
500 81,4-R050S-10,DT53,35.596805752,80.184495439,30,	705.3	59.4	500	61.4	76	14.6	15.13	81	76.53	inf	59350.8
500 82,4-R050S-11,DT53,35.619860264,80.138660306,30,	705.3	64.2	500	63.7	81.4	17.7	-5.38	82	58.32	39.55	2100.364
500 83,4-R050S-12,DT53,35.648697765,80.10171338,30,	705.3	68.8	500	79.8	78.6	-1.2	-4.97	83	74.83	22.46	850.1081
500 84,4-R050S-13,DT53,35.677637215,80.058656226,30,	705.3	73.9	500	54.6	54.5	-0.1	21.5	84	76.1	20.59	2394.362
500 85,4-R050S-14,DT53,35.701261546,79.020567285,30,	705.3	158.8	500	33.6	41.2	7.6	14.3	85	47.9	43.26	10329.6
500 86,4-R050S-15,DT53,35.732358344,79.978651981,30,	705.3	83.3	500	48.2	37.8	-10.4	-4.58	86	43.62	52.1	1045.22
500 87,4-R050S-16,DT53,35.756803355,79.927538188,30,	705.3	88.6	500	40.1	46.8	6.7	20.57	87	60.67	34.53	18018.95
500 88,4-R085-1,DT53,35.259031732,80.50339954,30,	705.3	16.5	500	73.1	109.8	36.7	20.49	88	93.59	inf	16513.81
500 89,4-R085-2,DT53,35.275422223,80.240061009,30,	705.3	40.5	500	92.6	107.5	14.9	-12.8	89	79.8	inf	40512.61
500 90,4-R085-3,DT53,35.271532264,80.403119417,30,	705.3	25.7	500	70.2	105.6	35.4	11.26	90	81.46	23.44	883.2268
500 91,4-R085-4,DT53,35.270421648,80.351174398,30,	705.3	30.4	500	62.6	104.3	41.7	21.33	91	83.93	19.87	1837.145
500 92,4-R085-5,DT53,35.283199788,80.299506087,30,	705.3	35.2	500	70.9	82.2	11.3	-4.64	92	66.26	36.62	2508.44
500 93,4-R085-6,DT53,35.275420843,80.455898422,30,	705.3	21	500	69	96.7	27.7	21.17	93	90.17	inf	21021.44
500 94,4-R085-7,DT53,35.284865799,80.189225482,30,	705.3	45.1	500	88.7	100.7	12	-9.83	94	78.87	inf	45146.28
500 95,4-R085-8,DT53,35.285699539,80.138340165,30,	705.3	49.8	500	66	66.3	0.3	-12.35	95	53.65	46.39	935.8038
500 96,4-R085-9,DT53,35.292087114,80.075611356,30,	705.3	55.5	500	49	71.1	22.1	19.52	96	68.52	30.59	9652.724
500 97,4-R085S-10,DT53,35.302364294,79.922549325,30,	705.3	69.4	500	56.7	68.2	11.5	16.33	97	73.03	24.19	3880.29
500 98,4-R085S-11,DT53,35.3004205,79.973663502,30,	705.3	64.8	500	65.2	73.6	8.4	-15.04	98	50.16	47.63	2994.5
500 99,4-R085S-12,DT53,35.302364672,80.025887707,30,	705.3	60.1	500	55.1	67.5	12.4	23.84	99	78.94	19.49	1350.061
500 100,4-R085S-13,DT53,35.305698064,79.875046338,30,	705.3	73.8	500	59.4	53.8	-5.6	-13.63	100	45.77	50.96	971.7772
500 101,4-R085S-14,DT53,35.324585434,79.821708601,30,	705.3	78.8	500	67.5	65	-2.5	6.66	101	74.16	inf	78806.55
500 102,4-R085S-15,DT53,35.308197649,79.769205865,30,	705.3	83.4	500	79.7	85.5	5.8	-6.02	102	73.68	inf	83369.04
500 103,4-R085S-16,DT53,35.319864874,79.716703121,30,	705.3	88.2	500	51.3	82.2	30.9	1.86	103	53.16	42.07	1037.242
500 104,4-R110-1,DT53,35.200977156,80.508348637,30,	705.3	17.1	500	87.4	109.3	21.9	7.77	104	95.17	inf	17053.24

500	105,4-R110-2,DT53,35.183756363,80.435898358,30,	705.3	23.9	500	94.1	107.5	13.4	-4.78	105	89.32	inf	23876.8
500	106,4-R110-3,DT53,35.170978992,80.417009018,30,	705.3	26	500	95	105.6	10.6	-47.48	106	47.52	57.29	1040.333
500	107,4-R110-4,DT53,35.154314154,80.370342199,30,	705.3	30.6	500	86.4	104.4	18	-1.4	107	85	inf	30557.13
500	108,4-R110-5,DT53,35.142092309,80.319229321,30,	705.3	35.4	500	82.4	102.8	20.4	-0.15	108	82.25	inf	35389.49
500	109,4-R110-6,DT53,35.117372205,80.258395321,30,	705.3	41.6	500	93.8	100.4	6.6	-14.22	109	79.58	inf	41574.93
500	110,4-R110-7,DT53,35.104872666,80.220061634,30,	705.3	45.3	500	66.2	61.8	-4.4	-7.76	110	58.44	42.4	1141.767
500	111,4-R110-8,DT53,35.08820693,80.158671542,30,	705.3	51.2	500	83.2	95.1	11.9	-5.4	111	77.8	inf	51232.39
500	112,4-R110-9,DT53,35.075429175,80.120337906,30,	705.3	55	500	57.8	75.5	17.7	19.72	112	77.52	21.68	2381.4
500	113,4-R110S-10,DT53,35.057929531,80.073670188,30,	705.3	59.6	500	36.1	74.3	38.2	43.47	113	79.57	18.95	1355.519
500	114,4-R110S-11,DT53,35.04209565,80.007558169,30,	705.3	65.9	500	86.9	88.2	1.3	-11.22	114	75.68	inf	65864.34
500	115,4-R110S-12,DT53,35.038762618,79.969779386,30,	705.3	69.3	500	69.7	88.1	18.4	5.57	115	75.27	inf	69250.47
500	116,4-R110S-13,DT53,35.021819105,79.922556736,30,	705.3	73.9	500	47.2	59.9	12.7	24.82	116	72.02	24.71	1688.157
500	117,4-R110S-14,DT53,35.004874525,79.859500141,30,	705.3	79.9	500	58.1	86.6	28.5	15.96	117	74.06	inf	79942.62
500	118,4-R110S-15,DT53,34.985985788,79.819500141,30,	705.3	84.1	500	49.3	57.5	8.2	21.64	118	70.94	24.72	3834.861
500	119,4-R110S-16,DT53,35.972913583,79.771973678,30,	705.3	115	500	53.3	57	3.7	16.2	119	69.5	23.58	1344.542
500	120,4-R185-1,DT53,35.104868663,80.70201324,30,	705.3	16.3	500	82.4	109.8	27.4	12.48	120	94.88	inf	16290.75
500	121,4-R185-2,DT53,35.058203835,80.702013291,30,	705.3	21.5	500	72.6	107.5	34.9	18	121	90.6	inf	21484.6
500	122,4-R185-3,DT53,35.018759822,80.705347385,30,	705.3	25.8	500	90.4	105.6	15.2	-2.65	122	87.75	inf	25833.45
500	123,4-R185-4,DT53,34.974868013,81.013688928,30,	705.3	42.7	500	82.9	104.4	21.5	-3.56	123	79.34	inf	42716.95
500	124,4-R185-5,DT53,34.933760352,80.709512581,30,	705.3	35.3	500	73.2	103	29.8	7.64	124	80.84	inf	35281.14
500	125,4-R185-6,DT53,34.889038255,80.722012079,30,	705.3	40.3	500	79.5	83.8	4.3	0.33	125	79.83	inf	40344.18
500	126,4-R185-7,DT53,34.839871209,80.724511391,30,	705.3	45.8	500	70.4	100.1	29.7	8.34	126	78.74	inf	45810.53
500	127,4-R185-8,DT53,34.803205003,80.734510883,30,	705.3	50	500	77.4	78	0.6	0.6	127	78	inf	49950.68
500	128,4-R185-9,DT53,34.754316238,80.722010161,30,	705.3	55.3	500	74.1	89.3	15.2	3.04	128	77.14	inf	55279.78
500	129,4-R185S-10,DT53,34.708759871,80.736456708,30,	705.3	60.4	500	67	88.8	21.8	9.39	129	76.39	inf	60431.49
500	130,4-R185S-11,DT53,34.669037721,80.741458282,30,	705.3	64.9	500	77.3	90.9	13.6	-1.51	130	75.79	inf	64868.77
500	131,4-R185S-12,DT53,34.622926672,80.74229311,30,	705.3	70	500	72.1	90	17.9	5.53	131	77.63	19.52	1852.824
500	132,4-R185S-13,DT53,34.590426403,80.751183502,30,	705.3	73.6	500	78.6	70.5	-8.1	-2.37	132	76.23	20.49	1037.311
500	133,4-R185S-14,DT53,34.541259235,80.756740678,30,	705.3	79.1	500	58.4	60.6	2.2	9.97	133	68.37	27.76	6066.689
500	134,4-R185S-15,DT53,34.503758897,80.770909655,30,	705.3	83.4	500	62.9	57.2	-5.7	-1.68	134	61.22	34.48	10019.41
500	135,4-R185S-16,DT53,34.464869873,80.767299703,30,	705.3	87.7	500	35.7	53.4	17.7	8.1	135	43.8	51.53	1242.934
500	136,4-R215-1,DT53,35.126256757,80.785625747,30,	705.3	16.5	500	76.8	109.8	33	16.62	136	93.42	inf	16543.77
500	137,4-R215-2,DT53,35.089868471,80.807571453,30,	705.3	21	500	89.7	107.5	17.8	1.29	137	90.99	inf	20971.26
500	138,4-R215-3,DT53,35.056258172,80.825905127,30,	705.3	25.1	500	84.3	105.9	21.6	3.64	138	87.94	inf	25073.45
500	139,4-R215-4,DT53,35.024591507,80.884518049,30,	705.3	30.9	500	88	104.1	16.1	-4.58	139	83.42	inf	30889.53
500	140,4-R215-5,DT53,34.988480801,80.907018976,30,	705.3	35.4	500	94.3	103	8.7	-13.37	140	80.93	inf	35398.6
500	141,4-R215-6,DT53,34.953202838,80.939798205,30,	705.3	40.3	500	62.1	72.6	10.5	20.25	141	82.35	19.49	1476.06
500	142,4-R215-7,DT53,34.907367472,80.970910709,30,	705.3	46.1	500	77.5	100.5	23	1.18	142	78.68	inf	46142.88
500	143,4-R215-8,DT53,34.884588646,80.989522712,30,	705.3	49.2	500	74.9	77.3	2.4	3.24	143	78.14	inf	49166.13
500	144,4-R215-9,DT53,34.850420993,81.023134913,30,	705.3	54	500	66.7	94.2	27.5	10.64	144	77.34	inf	54004.78
500	145,4-R215S-10,DT53,34.807919367,81.057581522,30,	705.3	59.7	500	62.6	72.1	9.5	-12.66	145	49.94	48.55	1416.75
500	146,4-R215S-11,DT53,34.772084305,81.087583457,30,	705.3	64.5	500	56.2	70.1	13.9	19.63	146	75.83	inf	64540.04
500	147,4-R215S-12,DT53,34.734306829,81.118418602,30,	705.3	69.6	500	67.3	67	-0.3	6.31	147	73.61	23.58	3465.821
500	148,4-R215S-13,DT53,34.692917955,81.152589458,30,	705.3	75.2	500	74.2	63.9	-10.3	-9.39	148	64.81	31.75	8914.775
500	149,4-R215S-14,DT53,34.659029081,81.188422213,30,	705.3	80.1	500	62.5	83	20.5	11.52	149	74.02	inf	80145.35
500	150,4-R215S-15,DT53,35.639577022,81.233137014,30,	705.3	65.6	500	72	62	-10	-2.14	150	69.86	27.82	1757.565
500	151,4-R215S-16,DT53,35.622355036,81.245364081,30,	705.3	65.1	500	39.6	64.3	24.7	25.93	151	65.53	32.21	10236.98
500	152,4-R270-1,DT53,35.255974473,80.868682835,30,	705.3	16.4	500	96.3	109.8	13.5	-1.23	152	95.07	inf	16434.33
500	153,4-R270-2,DT53,35.25152998,80.917016653,30,	705.3	20.8	500	87.9	107.5	19.6	1.89	153	89.79	inf	20819.56
500	154,4-R270-3,DT53,35.253751393,80.960906456,30,	705.3	24.8	500	82	88.1	6.1	4.84	154	86.84	inf	24828.8
500	155,4-R270-4,DT53,35.252083703,81.021463629,30,	705.3	30.4	500	90.5	104.4	13.9	-6.65	155	83.85	inf	30351.67
500	156,4-R270-5,DT53,35.252365875,80.072557609,30,	705.3	55.6	500	92.8	87.1	-5.7	-44.9	156	47.9	51.2	1076.138
500	157,4-R270-6,DT53,35.25041647,81.130355116,30,	705.3	40.2	500	71.2	101.9	30.7	8.67	157	79.87	inf	40188.4

500	158,4-R270-7,DT53,35.251236591,81.655374038,30,	705.3	87.9	500	63.8	100.7	36.9	-12.85	158	50.95	44.29	13408.76
500	159,4-R270-8,DT53,35.248470317,81.228690335,30,	705.3	49.1	500	72.3	79.7	7.4	5.84	159	78.14	inf	49118.21
500	160,4-R270-9,DT53,35.257357934,81.284803224,30,	705.3	54.3	500	80.7	95.1	14.4	-3.41	160	77.29	inf	54261.46
500	161,4-R270S-10,DT53,35.253745263,81.341472369,30,	705.3	59.4	500	63.1	98.5	35.4	13.41	161	76.51	inf	59407.18
500	162,4-R270S-11,DT53,35.253744241,81.37536266,30,	705.3	62.4	500	60.5	59.4	-1.1	15.05	162	75.55	22.55	3232.153
500	163,4-R270S-12,DT53,35.252353071,81.447031385,30,	705.3	68.9	500	44	53.1	9.1	21.86	163	65.86	31.4	9553.876
500	164,4-R270S-13,DT53,35.251518672,81.492867129,30,	705.3	73.1	500	73.6	69.5	-4.1	-11.96	164	61.64	35.12	13784.8
500	165,4-R270S-14,DT53,35.24290612,81.555373841,30,	705.3	78.8	500	58.4	57.2	-1.2	4.16	165	62.56	33.58	4066.268
500	166,4-R270S-15,DT53,35.253685758,81.64981779,30,	705.3	87.4	500	43.6	58.3	14.7	21.43	166	65.03	30.26	4591.713
500	167,4-R270S-16,DT53,35.25124893,81.175356156,30,	705.3	44.3	500	57.2	64.5	7.3	21.42	167	78.62	22.41	2587.026
500	168,4-R300-1,DT53,35.318196492,80.837293842,30,	705.3	15.4	500	83.8	99.8	16	11.84	168	95.64	inf	15426.47
500	169,4-R300-2,DT53,35.343195221,80.893355109,30,	705.3	21.2	500	106.4	109.8	3.4	-15.03	169	91.37	inf	21246.03
500	170,4-R300-3,DT53,35.370416089,80.93340712,30,	705.3	25.9	500	80.9	107.5	26.6	-4.12	170	76.78	28.06	997.5407
500	171,4-R300-4,DT53,35.388193057,80.981186199,30,	705.3	30.6	500	83.6	105.6	22	0.29	171	83.89	20.18	1668.376
500	172,4-R300-5,DT53,35.403751689,80.028106137,30,	705.3	61.9	500	75	104.1	29.1	-46.24	172	28.76	69.43	1004.592
500	173,4-R300-6,DT53,35.434579381,81.0692433,30,	705.3	40.1	500	75.5	78.1	2.6	6.07	173	81.57	20.3	1662.759
500	174,4-R300-7,DT53,35.45596771,81.121189401,30,	705.3	45.4	500	69.8	101.9	32.1	9.02	174	78.82	inf	45392.86
500	175,4-R300-8,DT53,35.474578192,81.165912305,30,	705.3	49.9	500	80.6	100.5	19.9	-2.6	175	78	inf	49930.52
500	176,4-R300-9,DT53,35.496522686,81.208691149,30,	705.3	54.5	500	90.2	99	8.8	-12.96	176	77.24	inf	54530.87
500	177,4-R300S-10,DT53,35.509577444,81.257025218,30,	705.3	59	500	62.3	72.8	10.5	-6.61	177	55.69	42.88	1638.414
500	178,4-R300S-11,DT53,35.533744056,81.327586091,30,	705.3	65.9	500	66.4	73.3	6.9	-5.28	178	61.12	36.51	12034.45
500	179,4-R300S-12,DT53,35.557354872,81.349251119,30,	705.3	68.9	500	84.7	87.6	2.9	-9.44	179	75.26	inf	68875.66
500	180,4-R300S-13,DT53,35.574854601,81.398139072,30,	705.3	73.7	500	80.4	33.5	-46.9	-41.91	180	38.49	58.2	1146.947
500	181,4-R300S-14,DT53,35.59369236,81.438421702,30,	705.3	77.9	500	87.6	60.2	-27.4	-32.34	181	55.26	40.95	2025.909
500	182,4-R300S-15,DT53,35.623689161,81.651206406,30,	705.3	96.6	500	69.2	62.4	-6.8	-24.72	182	44.48	49.9	191.9461
500	183,4-R300S-16,DT53,35.637909233,81.538981357,30,	705.3	88.3	500	64.5	68.9	4.4	-7.45	183	57.05	38.11	16370.05
500	184,4-R305-1,DT53,35.326529323,80.836182897,30,	705.3	15.8	500	80.6	109.8	29.2	14.95	184	95.55	inf	15795.34
500	185,4-R305-2,DT53,35.354583243,80.87201682,30,	705.3	20.2	500	84.2	107.5	23.3	6.31	185	90.51	inf	20234.84
500	186,4-R305-3,DT53,35.383193965,80.920907011,30,	705.3	25.7	500	93.9	105.6	11.7	-5.95	186	87.95	inf	25691.07
500	187,4-R305-4,DT53,35.405692792,80.970908184,30,	705.3	30.9	500	88.1	104.1	16	-6.11	187	81.99	inf	30880.78
500	188,4-R305-5,DT53,35.43374674,81.003409092,30,	705.3	35	500	64.1	102.9	38.8	16.95	188	81.05	inf	35033.42
500	189,4-R305-6,DT53,35.457634985,81.050910176,30,	705.3	40.1	500	54.8	99.8	45	25.08	189	79.88	inf	40105.03
500	190,4-R305-7,DT53,35.471523536,81.090355983,30,	705.3	43.9	500	75.3	76.2	0.9	3.8	190	79.1	inf	43891.04
500	191,4-R305-8,DT53,35.509022788,81.144245172,30,	705.3	50.3	500	63.4	70.4	7	14.53	191	77.93	inf	50317.91
500	192,4-R305-9,DT53,35.524577622,81.183134963,30,	705.3	54.1	500	89.2	98.9	9.7	-11.89	192	77.31	inf	54133.41
500	193,4-R305S-10,DT53,35.552077393,81.223413933,30,	705.3	58.9	500	61.6	68.5	6.9	12.77	193	74.37	24.22	3728.015
500	194,4-R305S-11,DT53,35.574855104,81.275364589,30,	705.3	64.3	500	64.9	54.8	-10.1	-1.84	194	63.06	34.79	1359.327
500	195,4-R305S-12,DT53,35.605410812,81.316750406,30,	705.3	69.2	500	73.8	87	13.2	1.42	195	75.22	inf	69238.93
500	196,4-R305S-13,DT53,35.632354556,81.352863967,30,	705.3	73.6	500	73.7	86.4	12.7	3.09	196	76.79	19.92	925.5873
500	197,4-R305S-14,DT53,35.654832197,81.418699519,30,	705.3	79.9	500	54.6	38.1	-16.5	19.39	197	73.99	inf	79890.75
500	198,4-R305S-15,DT53,35.676431978,81.451200852,30,	705.3	83.7	500	38.3	29.4	-8.9	13.74	198	52.04	43.58	2355.837
500	199,4-R305S-16,DT53,35.707331709,81.487035357,30,	705.3	88.3	500	38.1	42.5	4.4	27.67	199	65.77	29.4	9045.715
10	200,5-C1-1,DTV6,35.219864592,80.853404726,30,	83.25	15.5	10	83.1	49.9	-33.2	-8.44	200	74.66	inf	15512.78
10	201,5-C1-2,DTV6,35.220976757,80.719791336,30,	83.25	4.5	10	72.1	84.7	12.6	19.86	201	91.96	inf	4491.697
10	202,5-C1-3,DTV6,35.218753894,80.83007128,30,	83.25	13.4	10	72	79.6	7.6	5.53	202	77.53	inf	13425.98
10	203,5-C1-4,DTV6,35.211531829,80.852015758,30,	83.25	15.6	10	89.4	80	-9.4	-14.63	203	74.77	inf	15591.56
10	204,5-C1-5,DTV6,35.214032085,80.824237193,30,	83.25	13.1	10	79.5	40.4	-39.1	-1.8	204	77.7	inf	13105.65
10	205,5-C1-6,DTV6,35.205420994,80.851737795,30,	83.25	15.8	10	77.3	63.6	-13.7	-2.76	205	74.54	inf	15810.82
10	206,5-C1-7,DTV6,35.205699088,80.842849615,30,	83.25	15	10	78.4	61	-17.4	-2.69	206	75.71	inf	14988.78
10	207,5-C1-8,DTV6,35.205976186,80.833682428,30,	83.25	14.2	10	70.9	61.8	-9.1	5.57	207	76.47	inf	14246.04
10	208,5-C2-1,DTV6,35.95291085,81.037578555,30,	83.25	84	10	73.9	63.1	-10.8	-26.35	208	47.55	24.98	538.7205
10	209,5-C2-2,DTV6,35.952076946,81.025078119,30,	83.25	83.5	10	70.5	91.2	20.7	-40.64	209	29.86	42.72	692.1641
10	210,5-C2-3,DTV6,34.952923221,81.020911186,30,	83.25	45	10	73	79.7	6.7	-17.12	210	55.88	inf	44961.43

10 211,5-C2-4,DTV6,34.941255084,81.04285624,30,	83.25	47.3	10	68.8	67	-1.8	-13.35	211	55.45	inf	47271.16
10 212,5-C2-5,DTV6,34.941255997,81.020356382,30,	83.25	45.9	10	70.4	65.6	-4.8	-14.7	212	55.7	inf	45899.19
10 213,5-C2-6,DTV6,34.939311228,81.038411308,30,	83.25	47.1	10	67.2	79.1	11.9	-11.72	213	55.48	inf	47109.23
10 214,5-C2-7,DTV6,34.935977697,81.025078445,30,	83.25	46.6	10	60.7	53.2	-7.5	-5.13	214	55.57	inf	46585.3
10 215,5-C2-8,DTV6,34.936533864,81.021189455,30,	83.25	46.3	10	62.1	66.6	4.5	-6.47	215	55.63	inf	46294.15
10 216,5-C3-1,DTV6,35.235143408,80.725347387,30,	83.25	3.9	10	105.2	77.7	-27.5	-12.23	216	92.97	inf	3898.809
10 217,5-C3-2,DTV6,35.238754311,80.716735275,30,	83.25	3	10	102.5	69	-33.5	-8.19	217	94.31	inf	3049.316
10 218,5-C3-3,DTV6,35.220975679,80.843404524,30,	83.25	14.6	10	108	58.5	-49.5	-32.08	218	75.92	inf	14603.79
10 219,5-C3-4,DTV6,35.225698778,80.824515133,30,	83.25	12.8	10	114.8	87.1	-27.7	-36.56	219	78.24	inf	12763.72
10 220,5-C3-5,DTV6,35.226254625,80.718958319,30,	83.25	4	10	102.8	81.1	-21.7	-9.99	220	92.81	inf	4012.009
10 221,5-G1A1,DTV6,35.243752662,80.877849997,30,	83.25	17.3	10	84	66.6	-17.4	-16.52	221	67.48	inf	17273.35
10 222,5-G1A2,DTV6,35.241530934,80.860349697,30,	83.25	15.8	10	84.8	82.4	-2.4	-10.26	222	74.54	inf	15767.18
10 223,5-G1A3,DTV6,35.240142202,80.841182357,30,	83.25	14	10	77.9	88.9	11	-1.4	223	76.5	inf	14034.28
10 224,5-G1A4,DTV6,35.241253367,80.825071055,30,	83.25	12.5	10	78.4	79.4	1	-0.17	224	78.23	inf	12520.41
10 225,5-G1A5,DTV6,35.242906243,81.550369628,30,	83.25	78.3	10	85.4	78.3	-7.1	-28.25	225	57.15	15.98	3619.303
10 226,5-G1B1,DTV6,35.226531103,80.87979418,30,	83.25	17.7	10	85.8	65.3	-20.5	-15.28	226	70.52	inf	17720
10 227,5-G1B2,DTV6,35.228198901,80.808681819,30,	83.25	11.3	10	74.7	71.9	-2.8	4.9	227	79.6	inf	11319.03
10 228,5-G1B3,DTV6,35.229864432,80.844515486,30,	83.25	14.5	10	75.8	58.4	-17.4	0.08	228	75.88	inf	14461.49
10 229,5-G1B4,DTV6,35.225699629,80.704235134,30,	83.25	3.3	10	73.6	81.3	7.7	20.42	229	94.02	inf	3300.019
10 230,5-G1B5,DTV6,35.228198302,80.859237776,30,	83.25	15.8	10	90.2	64.4	-25.8	-15.24	230	74.96	inf	15827
10 231,5-G1C1,DTV6,35.213475465,80.878961275,30,	83.25	17.9	10	85.3	58.4	-26.9	-19.74	231	65.56	inf	17891.2
10 232,5-G1C2,DTV6,35.212920705,80.859515896,30,	83.25	16.2	10	75	62.7	-12.3	-1.01	232	73.99	inf	16174.16
10 233,5-G1C3,DTV6,35.210420961,80.843126589,30,	83.25	14.9	10	56.9	68.7	11.8	18.86	233	75.76	inf	14858.48
10 234,5-G1C4,DTV6,35.214031969,80.83423739,30,	83.25	14	10	76.3	52	-24.3	0.52	234	76.82	inf	13999.69
10 235,5-G1C5,DTV6,35.212087344,80.806181847,30,	83.25	11.6	10	84.6	46.5	-38.1	-4.97	235	79.63	inf	11648.76
10 236,5-G1D1,DTV6,35.199864828,80.879238397,30,	83.25	18.3	10	85.6	63.4	-22.2	-20.68	236	64.92	inf	18329.25
10 237,5-G1D2,DTV6,35.191254322,80.855904983,30,	83.25	16.7	10	84.3	82.2	-2.1	-13.99	237	70.31	inf	16741.75
10 238,5-G1D3,DTV6,35.19875469,80.805903903,30,	83.25	12.2	10	76.6	55.2	-21.4	2.11	238	78.71	inf	12222.61
10 239,5-G1D4,DTV6,35.199032465,80.825071294,30,	83.25	13.8	10	75.5	71.7	-3.8	1.34	239	76.84	inf	13830.14
10 240,5-G1D5,DTV6,35.198754252,80.844515695,30,	83.25	15.5	10	85	91.3	6.3	-9.79	240	75.21	inf	15453.23
10 241,5-G1E1,DTV6,35.182643274,80.880905579,30,	83.25	19.1	10	84.5	89.2	4.7	-20.66	241	63.84	inf	19149.11
10 242,5-G1E2,DTV6,35.184032467,80.860072124,30,	83.25	17.4	10	73.2	48.6	-24.6	-2.57	242	70.63	inf	17363.94
10 243,5-G1E3,DTV6,35.185421606,80.844237778,30,	83.25	16	10	72.6	87.5	14.9	2.2	243	74.8	inf	16025.41
10 244,5-G1E4,DTV6,35.183754863,80.825071381,30,	83.25	14.6	10	66.8	59.2	-7.6	9.51	244	76.31	inf	14602.79
10 245,5-G1E5,DTV6,35.184588368,80.777570367,30,	83.25	11.1	10	81	71.9	-9.1	-1.03	245	79.97	inf	11099.64
10 246,5-G2A1,DTV6,34.976256524,81.025077739,30,	83.25	43.4	10	69.1	61.7	-7.4	-12.91	246	56.19	inf	43379.9
10 247,5-G2A2,DTV6,34.976255422,81.049243383,30,	83.25	44.9	10	66.4	79.1	12.7	-10.51	247	55.89	inf	44899.62
10 248,5-G2A3,DTV6,34.975423128,81.033410633,30,	83.25	44	10	70.2	63.1	-7.1	-14.13	248	56.07	inf	43950.94
10 249,5-G2A4,DTV6,34.974868013,81.013688928,30,	83.25	42.7	10	53.1	69.7	16.6	3.22	249	56.32	inf	42716.95
10 250,5-G2A5,DTV6,34.977368729,80.997300015,30,	83.25	41.5	10	65.9	50.2	-15.7	-9.33	250	56.57	inf	41476.24
10 251,5-G2B1,DTV6,34.956810341,81.066743661,30,	83.25	47.5	10	64.8	90.5	25.7	-8.18	251	56.62	20.77	1270.403
10 252,5-G2B2,DTV6,34.961533219,81.048132739,30,	83.25	46	10	69.8	67.6	-2.2	-14.11	252	55.69	inf	45972.85
10 253,5-G2B3,DTV6,34.962088858,81.03368889,30,	83.25	45	10	71.5	86.2	14.7	-15.63	253	55.87	inf	44986.01
10 254,5-G2B4,DTV6,34.963201694,81.015078084,30,	83.25	43.8	10	70	71.5	1.5	-13.9	254	56.1	inf	43795.7
10 255,5-G2B5,DTV6,34.961257327,80.998689244,30,	83.25	42.9	10	72.7	63.1	-9.6	-16.41	255	56.29	inf	42873.43
10 256,5-G2C1,DTV6,34.947087257,81.065355939,30,	83.25	48.2	10	55.9	75.6	19.7	-0.62	256	55.28	inf	48220.82
10 257,5-G2C2,DTV6,34.941255366,81.035911284,30,	83.25	46.9	10	72.3	23	-49.3	-16.78	257	55.52	inf	46862.15
10 258,5-G2C3,DTV6,34.976254624,81.066743126,30,	83.25	46.1	10	63.5	59.9	-3.6	-7.84	258	55.66	inf	46090.4
10 259,5-G2C4,DTV6,34.941256211,81.015078416,30,	83.25	45.5	10	69.2	88.1	18.9	-19.15	259	50.05	27.71	850.973
10 260,5-G2C5,DTV6,34.946535011,80.995633298,30,	83.25	44	10	60.4	58.6	-1.8	-3.17	260	57.23	20.84	1579.437
10 261,5-G2D1,DTV6,34.925976179,81.059244529,30,	83.25	49.5	10	63.1	78	14.9	-8.06	261	55.04	inf	49543.06
10 262,5-G2D2,DTV6,34.932921967,81.042022425,30,	83.25	47.9	10	66.2	61	-5.2	-10.87	262	55.33	inf	47911.02
10 263,5-G2D3,DTV6,34.926255476,81.025633614,30,	83.25	47.5	10	59.2	58.8	-0.4	-3.79	263	55.41	inf	47478.75

10 264,5-G2D4,DTV6,34.933478326,81.007856566,30,	83.25	45.9	10	68.3	83.2	14.9	-12.59	264	55.71	inf	45850.09
10 265,5-G2D5,DTV6,34.92653463,80.988967257,30,	83.25	45.4	10	73.1	65.2	-7.9	-17.3	265	55.8	inf	45369.43
10 266,5-G2E1,DTV6,34.908475895,81.059522979,30,	83.25	51	10	59.7	90.1	30.4	-4.9	266	54.8	inf	50976.8
10 267,5-G2E2,DTV6,34.917087711,81.041189767,30,	83.25	49.2	10	61.7	93.4	31.7	-6.59	267	55.11	inf	49166.85
10 268,5-G2E3,DTV6,34.918477337,81.025078751,30,	83.25	48.1	10	58.9	75.8	16.9	-3.6	268	55.3	inf	48106.14
10 269,5-G2E4,DTV6,34.919034423,80.991189423,30,	83.25	46.1	10	72.1	77	4.9	-16.44	269	55.66	inf	46121.31
10 270,5-G2E5,DTV6,34.919033973,81.008411758,30,	83.25	47.1	10	65.7	75.9	10.2	-10.22	270	55.48	inf	47064.28
10 271,5-R050-1,DTV6,35.339030647,80.557844717,30,	83.25	15.1	10	88.6	91.9	3.3	-12.74	271	75.86	inf	15067.29
10 272,5-R050-2,DTV6,35.374030347,80.509509423,30,	83.25	20.9	10	63.2	50.1	-13.1	4.2	272	67.4	inf	20875.52
10 273,5-R050-3,DTV6,35.403197137,80.470619094,30,	83.25	25.7	10	56.3	90.5	34.2	9.35	273	65.65	inf	25717.97
10 274,5-R050-4,DTV6,35.421530035,80.422006498,30,	83.25	30.4	10	55.2	37	-18.2	4.07	274	59.27	inf	30360.48
10 275,5-R050-5,DTV6,35.453473643,80.390061059,30,	83.25	34.9	10	56.3	48.6	-7.7	-12.74	275	43.56	36.5	1112.818
10 276,5-R050-6,DTV6,35.476529338,80.352281497,30,	83.25	39.2	10	48.7	82.4	33.7	9.13	276	57.83	21.23	1934.86
10 277,5-R050-7,DTV6,35.505695935,80.306723469,30,	83.25	44.4	10	43.2	79.4	36.2	12.79	277	55.99	inf	44353.22
10 278,5-R050-8,DTV6,35.535417694,80.270333705,30,	83.25	49.1	10	36.4	76.7	40.3	20.38	278	56.78	20.35	1130.78
10 279,5-R050-9,DTV6,35.559861347,80.229219805,30,	83.25	53.6	10	80.1	63	-17.1	-25.74	279	54.36	inf	53640.04
10 280,5-R050S-10,DTV6,35.596805752,80.184495439,30,	83.25	59.4	10	78.6	79	0.4	-25.1	280	53.5	inf	59350.8
10 281,5-R050S-11,DTV6,35.619860264,80.138660306,30,	83.25	64.2	10	71.1	73.6	2.5	-19.3	281	51.8	23.02	2100.364
10 282,5-R050S-12,DTV6,35.648193769,80.10171339,30,	83.25	68.8	10	67.5	107.4	39.9	-36.34	282	31.16	43.08	812.0295
10 283,5-R050S-13,DTV6,35.677637215,80.058656226,30,	83.25	73.9	10	70.6	89.4	18.8	-20.59	283	50.01	23.62	2394.362
10 284,5-R050S-14,DTV6,35.701261546,79.020567285,30,	83.25	158.8	10	73	75.6	2.6	-30.38	284	42.62	25.08	10329.6
10 285,5-R050S-15,DTV6,35.732358344,79.978651981,30,	83.25	83.3	10	60.2	55.1	-5.1	-21.25	285	38.95	33.68	1045.22
10 286,5-R050S-16,DTV6,35.756803355,79.927538188,30,	83.25	88.6	10	62.6	90.6	28	-24.48	286	38.12	33.99	18018.95
10 287,5-R085-1,DTV6,35.259031732,80.50339954,30,	83.25	16.5	10	78.1	42.7	-35.4	-6.68	287	71.42	inf	16513.81
10 288,5-R085-2,DTV6,35.275422223,80.240061009,30,	83.25	40.5	10	59.8	77.9	18.1	-3.02	288	56.78	inf	40512.61
10 289,5-R085-3,DTV6,35.271532264,80.403119417,30,	83.25	25.7	10	62.4	44.5	-17.9	-3.02	289	59.38	23.34	883.2268
10 290,5-R085-4,DTV6,35.270421648,80.351174398,30,	83.25	30.4	10	72	84.9	12.9	-12.21	290	59.79	21.48	1837.145
10 291,5-R085-5,DTV6,35.283199788,80.299506087,30,	83.25	35.2	10	53.9	88.6	34.7	5.57	291	59.47	20.53	2508.44
10 292,5-R085-6,DTV6,35.275420843,80.455898422,30,	83.25	21	10	57.9	82.1	24.2	9.38	292	67.28	inf	21021.44
10 293,5-R085-7,DTV6,35.284865799,80.189225482,30,	83.25	45.1	10	60	58.2	-1.8	-4.16	293	55.84	inf	45146.28
10 294,5-R085-8,DTV6,35.285699537,80.137836152,30,	83.25	49.8	10	52.2	91.6	39.4	-2.85	294	49.35	27.65	957.08
10 295,5-R085-9,DTV6,35.292087114,80.075611356,30,	83.25	55.5	10	65.9	79.6	13.7	-22.87	295	43.03	33.05	9652.724
10 296,5-R085S-10,DTV6,35.302364672,80.025887707,30,	83.25	60.1	10	70.2	78.5	8.3	-15.44	296	54.76	20.63	1350.061
10 297,5-R085S-11,DTV6,35.3004205,79.973663502,30,	83.25	64.8	10	70.7	91.4	20.7	-26.65	297	44.05	30.7	2994.5
10 298,5-R085S-12,DTV6,35.302364294,79.922549325,30,	83.25	69.4	10	63.7	87.7	24	-14.06	298	49.64	24.52	3880.29
10 299,5-R085S-13,DTV6,35.305698064,79.875046338,30,	83.25	73.8	10	61.7	78.1	16.4	-20.65	299	41.05	32.61	971.7772
10 300,5-R085S-14,DTV6,35.324585434,79.821708601,30,	83.25	78.8	10	73.9	90.9	17	-22.81	300	51.09	inf	78806.55
10 301,5-R085S-15,DTV6,35.308197649,79.769205865,30,	83.25	83.4	10	65.4	72.1	6.7	-14.79	301	50.61	inf	83369.04
10 302,5-R085S-16,DTV6,35.319864874,79.716703121,30,	83.25	88.2	10	59.9	104.9	45	-13.66	302	46.24	25.9	1037.242
10 303,5-R110-1,DTV6,35.200977156,80.50784463,30,	83.25	17.1	10	88	76.6	-11.4	-15.15	303	72.85	inf	17051.62
10 304,5-R110-2,DTV6,35.183756363,80.435898358,30,	83.25	23.9	10	56.2	64.3	8.1	5.84	304	62.04	inf	23876.8
10 305,5-R110-3,DTV6,35.170978992,80.417009018,30,	83.25	26	10	67	47.5	-19.5	-23.26	305	43.74	38.88	1040.333
10 306,5-R110-4,DTV6,35.154314154,80.370342199,30,	83.25	30.6	10	60.1	36	-24.1	-0.89	306	59.21	inf	30557.13
10 307,5-R110-5,DTV6,35.142092309,80.319229321,30,	83.25	35.4	10	53.4	89.3	35.9	7.63	307	61.03	inf	35389.49
10 308,5-R110-6,DTV6,35.117372205,80.258395321,30,	83.25	41.6	10	64.3	87.9	23.6	-7.74	308	56.56	inf	41574.93
10 309,5-R110-7,DTV6,35.104872666,80.220061634,30,	83.25	45.3	10	48.3	92.8	44.5	4.4	309	52.7	25.12	1141.767
10 310,5-R110-8,DTV6,35.08820693,80.158671542,30,	83.25	51.2	10	48.8	87.6	38.8	5.96	310	54.76	inf	51232.39
10 311,5-R110-9,DTV6,35.075429175,80.120337906,30,	83.25	55	10	83	92.8	9.8	-29.88	311	53.12	23.04	2381.4
10 312,5-R110S-10,DTV6,35.057929531,80.073670188,30,	83.25	59.6	10	78.8	90.9	12.1	-24.04	312	54.76	20.71	1355.519
10 313,5-R110S-11,DTV6,35.04209565,80.007558169,30,	83.25	65.9	10	78.7	80.4	1.7	-26.08	313	52.62	inf	65864.34
10 314,5-R110S-12,DTV6,35.038762618,79.969779386,30,	83.25	69.3	10	77.8	78.5	0.7	-25.6	314	52.2	inf	69250.47
10 315,5-R110S-13,DTV6,35.021819105,79.922556736,30,	83.25	73.9	10	78.5	46.1	-32.4	-29.36	315	49.14	24.51	1688.157
10 316,5-R110S-14,DTV6,35.004874525,79.859500141,30,	83.25	79.9	10	65.6	76.8	11.2	-14.62	316	50.98	inf	79942.62

10	317,5-R110S-15,DTV6,34.985985788,79.819500141,30,	83.25	84.1	10	67.2	88.3	21.1	-8.48	317	58.72	13.85	3834.861
10	318,5-R110S-16,DTV6,35.972913583,79.771973678,30,	83.25	115	10	62	65.4	3.4	-0.11	318	61.89	8.06	1344.542
10	319,5-R185-1,DTV6,35.104868663,80.70201324,30,	83.25	16.3	10	82.1	80.4	-1.7	-8.22	319	73.88	inf	16290.75
10	320,5-R185-2,DTV6,35.058203835,80.702013291,30,	83.25	21.5	10	61	77.9	16.9	1.27	320	62.27	inf	21484.6
10	321,5-R185-3,DTV6,35.018759822,80.705347385,30,	83.25	25.8	10	64	66.5	2.5	0.9	321	64.9	inf	25833.45
10	322,5-R185-4,DTV6,34.974871312,80.708958124,30,	83.25	30.7	10	59.2	74.8	15.6	-0.04	322	59.16	inf	30738.28
10	323,5-R185-5,DTV6,34.933760352,80.709512581,30,	83.25	35.3	10	57.4	42.7	-14.7	0.57	323	57.97	inf	35281.14
10	324,5-R185-6,DTV6,34.889038255,80.722012079,30,	83.25	40.3	10	54.4	63.5	9.1	2.41	324	56.81	inf	40344.18
10	325,5-R185-7,DTV6,34.839871209,80.724511391,30,	83.25	45.8	10	50.3	89	38.7	5.42	325	55.72	inf	45810.53
10	326,5-R185-8,DTV6,34.803205003,80.734510883,30,	83.25	50	10	43.3	77.4	34.1	11.67	326	54.97	inf	49950.68
10	327,5-R185-9,DTV6,34.754316238,80.722010161,30,	83.25	55.3	10	74.2	77.6	3.4	-20.1	327	54.1	inf	55279.78
10	328,5-R185S-10,DTV6,34.708759871,80.736456708,30,	83.25	60.4	10	77.6	80.3	2.7	-24.26	328	53.34	inf	60431.49
10	329,5-R185S-11,DTV6,34.669037721,80.741458282,30,	83.25	64.9	10	73.4	79.9	6.5	-20.66	329	52.74	inf	64868.77
10	330,5-R185S-12,DTV6,34.622926672,80.74229311,30,	83.25	70	10	72.7	89.6	16.9	-19.8	330	52.9	21.2	1852.824
10	331,5-R185S-13,DTV6,34.590426403,80.751183502,30,	83.25	73.6	10	72.8	91.3	18.5	-22.62	331	50.18	23.48	1037.311
10	332,5-R185S-14,DTV6,34.541259235,80.756740678,30,	83.25	79.1	10	70.1	78	7.9	-27.69	332	42.41	30.65	6066.689
10	333,5-R185S-15,DTV6,34.503758897,80.770909655,30,	83.25	83.4	10	61.3	90.9	29.6	-20.4	333	40.9	31.71	10019.41
10	334,5-R185S-16,DTV6,34.464869873,80.767299703,30,	83.25	87.7	10	63.2	90.1	26.9	-24.1	334	39.1	33.12	1242.934
10	335,5-R215-1,DTV6,35.126256757,80.785625747,30,	83.25	16.5	10	74.1	44.6	-29.5	-5.29	335	68.81	inf	16543.77
10	336,5-R215-2,DTV6,35.089868471,80.807571453,30,	83.25	21	10	33.5	12.5	-21	36.09	336	69.59	inf	20971.26
10	337,5-R215-3,DTV6,35.056258172,80.825905127,30,	83.25	25.1	10	46.6	53.2	6.6	15.44	337	62.04	inf	25073.45
10	338,5-R215-4,DTV6,35.024591507,80.884518049,30,	83.25	30.9	10	50.7	71.8	21.1	8.76	338	59.46	inf	30889.53
10	339,5-R215-5,DTV6,34.988480801,80.907018976,30,	83.25	35.4	10	55	51.7	-3.3	2.94	339	57.94	inf	35398.6
10	340,5-R215-6,DTV6,34.953202838,80.939798205,30,	83.25	40.3	10	56.1	77.7	21.6	1.5	340	57.6	21.21	1476.06
10	341,5-R215-7,DTV6,34.907367472,80.970910709,30,	83.25	46.1	10	55.1	44.7	-10.4	0.55	341	55.65	inf	46142.88
10	342,5-R215-8,DTV6,34.884588646,80.989522712,30,	83.25	49.2	10	46.8	91.5	44.7	8.31	342	55.11	inf	49166.13
10	343,5-R215-9,DTV6,34.850420993,81.023134913,30,	83.25	54	10	82.5	64	-18.5	-28.2	343	54.3	inf	54004.78
10	344,5-R215S-10,DTV6,34.807919367,81.057581522,30,	83.25	59.7	10	74.8	90.3	15.5	-31.41	344	43.39	32.06	1416.75
10	345,5-R215S-11,DTV6,34.772084305,81.087583457,30,	83.25	64.5	10	68.4	79.5	11.1	-15.62	345	52.78	inf	64540.04
10	346,5-R215S-12,DTV6,34.734306829,81.118418602,30,	83.25	69.6	10	77.1	104.9	27.8	-26.9	346	50.2	23.94	3465.821
10	347,5-R215S-13,DTV6,34.692917981,81.150087363,30,	83.25	75	10	62.4	89.6	27.2	-20.24	347	42.16	31.35	7204.86
10	348,5-R215S-14,DTV6,34.659029081,81.188422213,30,	83.25	80.1	10	66.3	92.1	25.8	-15.35	348	50.95	inf	80145.35
10	349,5-R215S-15,DTV6,35.639577022,81.233137014,30,	83.25	65.6	10	58.5	104.9	46.4	4.55	349	63.05	11.59	1757.565
10	350,5-R215S-16,DTV6,35.622355057,81.240359981,30,	83.25	64.8	10	56.6	92.8	36.2	-1.2	350	55.4	19.34	2286.69
10	351,5-R270-1,DTV6,35.255974473,80.868682835,30,	83.25	16.4	10	86	47.5	-38.5	-11.93	351	74.07	inf	16434.33
10	352,5-R270-2,DTV6,35.25152998,80.917016653,30,	83.25	20.8	10	60.6	85.8	25.2	5.86	352	66.46	inf	20819.56
10	353,5-R270-3,DTV6,35.253751393,80.960906456,30,	83.25	24.8	10	60.5	60.8	0.3	0.51	353	61.01	inf	24828.8
10	354,5-R270-4,DTV6,35.252083703,81.021463629,30,	83.25	30.4	10	49.2	83.6	34.4	10.07	354	59.27	inf	30351.67
10	355,5-R270-5,DTV6,35.252365875,80.072557609,30,	83.25	55.6	10	58.5	92.3	33.8	-15.27	355	43.23	32.83	1076.138
10	356,5-R270-6,DTV6,35.25041647,81.130355116,30,	83.25	40.2	10	52.5	85.8	33.3	4.34	356	56.84	inf	40188.4
10	357,5-R270-7,DTV6,35.251236591,81.655374038,30,	83.25	87.9	10	50.5	94.4	43.9	-4.67	357	45.83	26.34	13408.76
10	358,5-R270-8,DTV6,35.248470317,81.228690335,30,	83.25	49.1	10	48	90.2	42.2	7.11	358	55.11	inf	49118.21
10	359,5-R270-9,DTV6,35.257357934,81.284803224,30,	83.25	54.3	10	81.4	52.5	-28.9	-27.14	359	54.26	inf	54261.46
10	360,5-R270S-10,DTV6,35.253745263,81.341472369,30,	83.25	59.4	10	72.6	67.2	-5.4	-19.12	360	53.48	inf	59407.18
10	361,5-R270S-11,DTV6,35.253744241,81.37536266,30,	83.25	62.4	10	71	77.9	6.9	-20.38	361	50.62	24.44	3232.153
10	362,5-R270S-12,DTV6,35.252353071,81.447031385,30,	83.25	68.9	10	72.8	77.8	5	-26.73	362	46.07	28.14	9553.876
10	363,5-R270S-13,DTV6,35.251518672,81.492867129,30,	83.25	73.1	10	67.7	87.8	20.1	-27.09	363	40.61	33.1	13784.8
10	364,5-R270S-14,DTV6,35.242920525,80.808403743,30,	83.25	11	10	66.5	75.3	8.8	13.8	364	80.3	inf	11005.24
10	365,5-R270S-15,DTV6,35.253182871,81.604815874,30,	83.25	83.3	10	62.3	107.4	45.1	-11.91	365	50.39	22.22	8876.675
10	366,5-R270S-16,DTV6,35.25124893,81.175356156,30,	83.25	44.3	10	45	87.4	42.4	9.51	366	54.51	23.5	2587.026
10	367,5-R300-1,DTV6,35.318196492,80.837293842,30,	83.25	15.4	10	83.8	73.6	-10.2	-9.6	367	74.2	inf	15426.47
10	368,5-R300-2,DTV6,35.343195227,80.892851099,30,	83.25	21.2	10	59.9	81	21.1	-3.98	368	55.92	28.47	1034.92
10	369,5-R300-3,DTV6,35.370416089,80.93340712,30,	83.25	25.9	10	60.7	77.2	16.5	-6.94	369	53.76	28.9	997.5407

10	370,5-R300-4,DTV6,35.388193057,80.981186199,30,	83.25	30.6	10	67.3	88.8	21.5	-8.94	370	58.36	22.83	1668.376
10	371,5-R300-5,DTV6,35.403751689,80.028106137,30,	83.25	61.9	10	65.2	58.3	-6.9	-40.98	371	24.22	50.92	1004.592
10	372,5-R300-6,DTV6,35.434579381,81.0692433,30,	83.25	40.1	10	69.7	64.1	-5.6	-13.24	372	56.46	22.39	1662.759
10	373,5-R300-7,DTV6,35.45596771,81.121189401,30,	83.25	45.4	10	58.4	52.3	-6.1	-2.61	373	55.79	inf	45392.86
10	374,5-R300-8,DTV6,35.474578192,81.165912305,30,	83.25	49.9	10	56.9	62.8	5.9	-1.93	374	54.97	inf	49930.52
10	375,5-R300-9,DTV6,35.496522686,81.208691149,30,	83.25	54.5	10	74.4	54.9	-19.5	-20.19	375	54.21	inf	54530.87
10	376,5-R300S-10,DTV6,35.509577444,81.257025218,30,	83.25	59	10	77.8	89	11.2	-28.51	376	49.29	26.25	1638.414
10	377,5-R300S-11,DTV6,35.533744159,81.302583165,30,	83.25	64	10	66.8	90.1	23.3	-21.64	377	45.16	29.69	9785.23
10	378,5-R300S-12,DTV6,35.557354872,81.349251119,30,	83.25	68.9	10	69.7	77	7.3	-17.48	378	52.22	inf	68875.66
10	379,5-R300S-13,DTV6,35.574854632,81.390641798,30,	83.25	73.1	10	71.7	50.5	-21.2	-21.83	379	49.87	23.84	914.7977
10	380,5-R300S-14,DTV6,35.593188362,81.438421698,30,	83.25	77.9	10	72.9	93.4	20.5	-23.24	380	49.66	23.51	2025.728
10	381,5-R300S-15,DTV6,35.623185159,81.651206403,30,	83.25	96.6	10	71	36.3	-34.7	-29.41	381	41.59	29.7	185.7434
10	382,5-R300S-16,DTV6,35.637909233,81.538981357,30,	83.25	88.3	10	71.6	95.8	24.2	-35.88	382	35.72	36.38	16370.05
10	383,5-R305-1,DTV6,35.326529323,80.836182897,30,	83.25	15.8	10	79.4	53.7	-25.7	-5.27	383	74.13	inf	15795.34
10	384,5-R305-2,DTV6,35.354583243,80.87201682,30,	83.25	20.2	10	46.8	63.1	16.3	15.99	384	62.79	inf	20234.84
10	385,5-R305-3,DTV6,35.383193965,80.920907011,30,	83.25	25.7	10	58.7	59	0.3	2.02	385	60.72	inf	25691.07
10	386,5-R305-4,DTV6,35.405692792,80.970908184,30,	83.25	30.9	10	57.2	81	23.8	1.92	386	59.12	inf	30880.78
10	387,5-R305-5,DTV6,35.43374674,81.003409092,30,	83.25	35	10	53.9	92	38.1	4.13	387	58.03	inf	35033.42
10	388,5-R305-6,DTV6,35.457634985,81.050910176,30,	83.25	40.1	10	61.2	64.8	3.6	-4.34	388	56.86	inf	40105.03
10	389,5-R305-7,DTV6,35.471523536,81.090355983,30,	83.25	43.9	10	46.6	79.7	33.1	9.48	389	56.08	inf	43891.04
10	390,5-R305-8,DTV6,35.509022788,81.144245172,30,	83.25	50.3	10	47.2	72	24.8	7.71	390	54.91	inf	50317.91
10	391,5-R305-9,DTV6,35.524577622,81.183134963,30,	83.25	54.1	10	80.9	48.6	-32.3	-26.62	391	54.28	inf	54133.41
10	392,5-R305S-10,DTV6,35.552077393,81.223413933,30,	83.25	58.9	10	73	94	21	-25.09	392	47.91	27.64	3728.015
10	393,5-R305S-11,DTV6,35.574855125,81.270360406,30,	83.25	63.8	10	81.5	78.9	-2.6	-26.09	393	55.41	19.46	799.1099
10	394,5-R305S-12,DTV6,35.605410812,81.316750406,30,	83.25	69.2	10	60.7	79.2	18.5	-8.53	394	52.17	inf	69238.93
10	395,5-R305S-13,DTV6,35.632354556,81.352863967,30,	83.25	73.6	10	60.6	92.4	31.8	-7.91	395	52.69	20.97	925.5873
10	396,5-R305S-14,DTV6,35.654854197,81.418699519,30,	83.25	79.9	10	69.9	79.4	9.5	-18.95	396	50.95	inf	79891.1
10	397,5-R305S-15,DTV6,35.676520977,81.451200853,30,	83.25	83.7	10	64.4	38.8	-25.6	-18.51	397	45.89	26.67	2434.029
10	398,5-R305S-16,DTV6,35.707353709,81.487035357,30,	83.25	88.3	10	69.1	91.5	22.4	-22.98	398	46.12	25.99	9045.751
100	399,69,WBTV,35.488378499,80.686061694,30,	61.25	47.4	100	86.8	80.8246	-5.9754	-15.36	399	71.44	inf	47351.53
100	400,182,WBTV,35.769936487,79.877927782,30,	61.25	126.6	100	57.6	0	-57.6	11.35	400	68.95	16.2	1227.001
100	401,7-295,WBTV,35.143637476,82.503073877,30,	61.25	121.9	100	37.1	0	-37.1	36.39	401	73.49	11.92	1993.801
100	402,408,WBTV,35.497902767,81.428099517,30,	61.25	26.4	100	94.5	98.332	3.832	-15.99	402	78.51	inf	26368.04
100	403,521,WBTV,35.252802816,80.516618773,30,	61.25	62	100	70.3	66.8171	-3.4829	-1.74	403	68.56	22.58	2797.261
100	404,634,WBTV,35.562003443,81.198802582,30,	61.25	21.9	100	85.4	94.6565	9.2565	2.22	404	87.62	inf	21871.58
100	405,747,WBTV,36.141281754,81.157326586,30,	61.25	86.3	100	52.1	51.2461	-0.8539	6.56	405	58.66	29.64	12148.48
100	406,860,WBTV,35.875299173,81.757294892,30,	61.25	76.6	100	56.1	59.3354	3.2354	-9.71	406	46.39	42.92	907.4743
100	407,973,WBTV,35.364001898,80.408355039,30,	61.25	70.5	100	74.1	61.5554	-12.5446	-6.07	407	68.03	inf	70511.36
100	408,7-1086,WBTV,35.731600876,81.554295403,30,	61.25	52.5	100	69.8	62.8811	-6.9189	0.28	408	70.08	22.46	2303.881
100	409,7-1199,WBTV,35.067398485,81.174737301,30,	61.25	32.9	100	86.7	87.7184	1.0184	-12.11	409	74.59	inf	32898.56
100	410,1312,WBTV,35.589803762,81.092100802,30,	61.25	26.4	100	91.5	89.5484	-1.9516	-16.69	410	74.81	23.69	1507.581
100	412,1538,WBTV,35.2721,80.958795604,30,	61.25	23	100	92.5	99.4612	6.9612	-3.75	412	88.75	inf	23016.06
100	413,1651,WBTV,35.421102956,81.916695077,30,	61.25	66.4	100	76.2	73.1902	-3.0098	-13.33	413	62.87	27.67	12655.79
100	414,1764,WBTV,35.286036652,82.079412573,30,	61.25	81.4	100	66.5	58.321	-8.179	7.15	414	73.65	15.15	1455.336
100	415,1877,WBTV,35.006926468,81.220385483,30,	61.25	39.7	100	81.8	83.7475	1.9475	-11.08	415	70.72	24.25	1241.132
100	416,1990,WBTV,34.305899249,81.595398113,30,	61.25	123.3	100	61.1	55.2362	-5.8638	2.28	416	63.38	inf	123334.7
100	417,2329,WBTV,35.434110908,80.400663693,30,	61.25	71.6	100	62.9	62.0374	-0.8626	0.89	417	63.79	26.11	1330.973
100	418,2442,WBTV,35.218565327,80.103440627,30,	61.25	99.5	100	53.5	50.6785	-2.8215	5.79	418	59.29	27.86	5405.869
100	419,2555,WBTV,35.705599608,81.646297665,30,	61.25	56.1	100	67.4	61.2795	-6.1205	6.8	419	74.2	17.78	1448.894
100	420,7-2781,WBTV,34.898804252,81.382599769,30,	61.25	54.7	100	75.3	82.1439	6.8439	-5.09	420	70.21	inf	54656.46
100	421,2894,WBTV,35.711796916,80.064296745,30,	61.25	108.6	100	66.2	29.3161	-36.8839	-14.05	421	52.15	34.25	12992.77
100	422,3007,WBTV,35.950000563,81.552699415,30,	61.25	72.9	100	69.1	67.6279	-1.4721	-7.36	422	61.74	27.99	7615.687
100	423,3120,WBTV,36.032966918,80.403806838,30,	61.25	102.5	100	55.6	60.9473	5.3473	11.18	423	66.78	20.09	1174.595

100	424,3233,WBTV,34.929364068,81.037760517,30,	61.25	50.1	100	73	80.3804	7.3804	-2.04	424	70.96	inf	50079.43
100	425,3346,WBTV,35.070295348,80.985598405,30,	61.25	37.3	100	78.2	93.0278	14.8278	-4.7	425	73.5	inf	37334.09
100	426,3459,WBTV,35.251062652,80.781182233,30,	61.25	38.8	100	85	87.8096	2.8096	-11.84	426	73.16	inf	38807.72
100	427,3572,WBTV,34.922902725,80.401496918,30,	61.25	86.5	100	68.5	64.0877	-4.4123	-2.2	427	66.3	inf	86492.9
100	428,7-3685,WBTV,36.001636983,80.038863082,30,	61.25	125.5	100	46.7	51.1002	4.4002	3.42	428	50.12	35.08	18998.75
100	429,3798,WBTV,35.259814144,80.160381477,30,	61.25	93.8	100	63.7	51.4369	-12.2631	-0.18	429	63.52	24.11	3571.564
100	430,3911,WBTV,35.52469821,80.714902433,30,	61.25	46.2	100	79.4	87.398	7.998	-7.75	430	71.65	inf	46245.26
100	431,4024,WBTV,36.070601192,81.224098615,30,	61.25	78.5	100	48	0	-48	12.33	431	60.33	28.78	1426.228
100	432,4137,WBTV,35.096596329,80.804353338,30,	61.25	45.7	100	80.3	80.512	0.212	-8.54	432	71.76	inf	45659.57
100	433,4250,WBTV,34.718537065,81.977021345,30,	61.25	101.5	100	64.6	61.7045	-2.8955	-10.01	433	54.59	32.37	10518.51
100	434,4363,WBTV,35.058837823,80.695611197,30,	61.25	56	100	77.4	71.5908	-5.8092	-7.4	434	70	inf	56000.61
100	435,4476,WBTV,35.301701273,81.862395406,30,	61.25	61.6	100	69.5	76.5996	7.0996	-0.32	435	69.18	inf	61598.72
100	436,4589,WBTV,35.374400797,81.97719772,30,	61.25	71.6	100	66.7	62.0921	-4.6079	1.19	436	67.89	inf	71567.59
100	437,4702,WBTV,35.752601766,81.428201712,30,	61.25	48.2	100	80	82.1344	2.1344	-8.72	437	71.28	inf	48247.31
100	438,4815,WBTV,36.284097262,81.62489935,30,	61.25	109.5	100	62	0	-62	4.4	438	66.4	19.84	484.9341
100	439,4928,WBTV,36.144100738,81.287602648,30,	61.25	87	100	61.3	60.0873	-1.2127	-0.88	439	60.42	27.8	13500.52
100	440,5041,WBTV,35.622495714,80.913996997,30,	61.25	37.7	100	84.2	87.658	3.458	-10.8	440	73.4	inf	37737.35
100	441,5154,WBTV,36.129677724,80.363915377,30,	61.25	112.8	100	51.9	48.0289	-3.8711	8.29	441	60.19	25.88	1194.835
100	442,5267,WBTV,35.106495908,80.821403726,30,	61.25	43.7	100	76	81.5028	5.5028	-7.43	442	68.57	25.56	1329.518
100	443,5380,WBTV,35.620802162,81.460401721,30,	61.25	37.7	100	88	88.935	0.935	-15.65	443	72.35	23.06	2361.956
100	444,5606,WBTV,35.301502011,80.703001334,30,	61.25	44.3	100	83.6	84.7705	1.1705	-11.59	444	72.01	inf	44340.99
100	445,5719,WBTV,34.957298662,80.789402812,30,	61.25	57.8	100	82	74.373	-7.627	-34.26	445	47.74	44	1283.818
100	446,5832,WBTV,35.613099577,80.520094393,30,	61.25	66.3	100	73.3	70.3721	-2.9279	-4.74	446	68.56	inf	66258.55
100	447,5945,WBTV,35.411098076,80.865395224,30,	61.25	29.5	100	91.1	92.9179	1.8179	-15.56	447	75.54	inf	29477.27
100	448,6058,WBTV,34.73169837,81.238302317,30,	61.25	70.4	100	72.5	64.067	-8.433	-6.09	448	66.41	23.65	1908.817
100	449,6171,WBTV,35.031099435,81.155697026,30,	61.25	37	100	88.8	92.6045	3.8045	-15.23	449	73.57	inf	37023.36
100	450,6284,WBTV,35.720662273,81.33499819,30,	61.25	41.7	100	90.8	89.1261	-1.6739	-15.47	450	75.33	inf	41739.98
100	451,6397,WBTV,36.260384151,80.886754852,30,	61.25	103.1	100	63.2	54.8961	-8.3039	-7.7	451	55.5	31.31	15768.55
100	452,6510,WBTV,35.077263478,81.040828399,30,	61.25	34.4	100	93.1	95.284	2.184	-15.32	452	77.78	inf	34446.99
100	453,6623,WBTV,35.010999157,80.578099461,30,	61.25	67.7	100	72.7	69.7357	-2.9643	-4.33	453	68.37	inf	67730.94
100	454,6736,WBTV,35.255108572,81.537333001,30,	61.25	33.9	100	84.6	86.8699	2.2699	-9.15	454	75.45	20.87	1603.216
100	455,6849,WBTV,34.767399052,82.306901274,30,	61.25	121.6	100	50.7	0	-50.7	19.23	455	69.93	15.53	1253.38
100	456,6962,WBTV,35.324100809,80.802203251,30,	61.25	35	100	76.5	86.2602	9.7602	-1.64	456	74.86	inf	35026.41
100	457,7075,WBTV,36.145407291,80.208729946,30,	61.25	123.7	100	49.1	29.2365	-19.8635	1.63	457	50.73	34.58	8717.22
100	458,7188,WBTV,35.650499145,80.383999135,30,	61.25	79.2	100	64.2	52.8735	-11.3265	-5.01	458	59.19	29.85	2253.377
100	459,7301,WBTV,35.851097009,80.126797709,30,	61.25	109.9	100	58.3	55.3857	-2.9143	-5.75	459	52.55	33.74	1698.826
100	460,7414,WBTV,35.572564248,82.005567422,30,	61.25	77.5	100	60.7	0	-60.7	14.06	460	74.76	14.44	1659.028
100	461,7527,WBTV,35.438403612,81.32309536,30,	61.25	14.8	100	93.4	100.8339	7.4339	1.59	461	94.99	inf	14779.82
100	462,7640,WBTV,35.194904155,82.269897427,30,	61.25	100	100	64.2	73.7587	9.5587	0.85	462	65.05	22	1172.925
100	463,7753,WBTV,35.410100205,80.643200364,30,	61.25	49.4	100	70.3	80.9227	10.6227	0.77	463	71.07	inf	49427.53
100	464,7866,WBTV,34.715669131,82.270479669,30,	61.25	122.1	100	77.8	47.417	-30.383	-14.81	464	62.99	22.45	1431.083
100	465,7979,WBTV,35.819966406,80.011863456,30,	61.25	117.6	100	57.4	48.832	-8.568	12.18	465	69.58	16.16	2331.582
100	466,8092,WBTV,35.412260423,80.595689178,30,	61.25	53.7	100	75.8	76.399	0.599	-5.44	466	70.36	inf	53733.28
100	467,8205,WBTV,35.357101244,81.925096491,30,	61.25	66.9	100	73.8	78.9425	5.1425	-5.33	467	68.47	inf	66888.75
100	468,8318,WBTV,35.875299173,81.757294892,30,	61.25	76.6	100	57	59.3354	2.3354	-10.61	468	46.39	42.92	907.4743
100	469,8431,WBTV,35.562104012,81.039599668,30,	61.25	25.6	100	70.4	92.337	21.937	6.5	469	76.9	inf	25571.99
100	470,8544,WBTV,35.301197003,82.46390176,30,	61.25	116	100	76	0	-76	-14.36	470	61.64	24.15	13162.93
100	472,7-8770,WBTV,35.123705498,82.342949005,30,	61.25	108.3	100	36.7	0	-36.7	17.17	472	53.87	32.52	2484.686
100	473,7-8883,WBTV,36.214487845,80.286072562,30,	61.25	124.5	100	31.1	50.929	19.829	40.11	473	71.21	14.06	1414.428
100	474,8996,WBTV,35.263267786,82.504442602,30,	61.25	120	100	49.2	0	-49.2	24.87	474	74.07	11.43	4317.52
100	475,9109,WBTV,35.682419427,80.485531841,30,	61.25	72.6	100	46.6	67.4994	20.8994	21.18	475	67.78	inf	72582.34
100	476,9222,WBTV,35.125895877,80.77460248,30,	61.25	45.8	100	77.1	80.4791	3.3791	-5.36	476	71.74	inf	45765.98
100	477,9335,WBTV,35.944397273,80.292703671,30,	61.25	103.2	100	59.9	55.0449	-4.8551	4.91	477	64.81	inf	103227.2

100 478,9448,WBTV,35.25650277,80.515798726,30,	61.25	61.9	100	72.5	67.8419	-4.6581	-16.82	478	55.68	35.46	2207.108
100 479,9561,WBTV,35.409634504,82.558264495,30,	61.25	124.3	100	58.2	0	-58.2	16.74	479	74.94	10.27	8765.975
100 480,9674,WBTV,35.320371971,80.522758217,30,	61.25	60.3	100	60.8	51.7228	-9.0772	-13.34	480	47.46	43.9	1389.549
100 481,9787,WBTV,35.663799185,80.751102608,30,	61.25	51.5	100	76.5	71.5666	-4.9334	-5.78	481	70.72	inf	51507.98
100 482,9900,WBTV,35.697402518,81.297796662,30,	61.25	38.3	100	90.4	88.7011	-1.6989	-15.54	482	74.86	inf	38266.47
100 483,10013,WBTV,35.399795306,81.193101367,30,	61.25	4	100	52.7	114.908	62.208	54.83	483	107.53	inf	3958.609
100 484,10126,WBTV,35.647495911,81.881294778,30,	61.25	70.2	100	67.2	61.7429	-5.4571	4.76	484	71.96	18.09	11022.99
100 485,10239,WBTV,35.809097669,80.256202843,30,	61.25	97.5	100	70.8	65.0632	-5.7368	-5.51	485	65.29	inf	97483.48
100 486,7-10352,WBTV,34.849707661,82.400664179,30,	61.25	124.3	100	34.3	0	-34.3	30.8	486	65.1	20.17	3305.421
100 487,10465,WBTV,35.239693944,81.727261207,30,	61.25	50.9	100	82.4	89.0107	6.6107	-11.57	487	70.83	inf	50854.95
100 488,10578,WBTV,34.904328244,81.189391414,30,	61.25	51	100	78.4	80.5291	2.1291	-7.59	488	70.81	inf	50973.84
100 489,10691,WBTV,34.98889954,80.599499717,30,	61.25	67.7	100	72.1	69.7334	-2.3666	-3.72	489	68.38	inf	67655.78
100 490,10804,WBTV,35.135264393,80.896415358,30,	61.25	36.5	100	86.5	85.5616	-0.9384	-12.81	490	73.69	inf	36522.36
100 491,10917,WBTV,34.393102015,81.470303926,30,	61.25	111	100	60.7	56.6618	-4.0382	3.55	491	64.25	inf	110956.3
100 492,11030,WBTV,34.699718166,80.762640767,30,	61.25	83.3	100	70.7	59.8721	-10.8279	-6.19	492	64.51	24.11	2640.92
100 493,11143,WBTV,35.125895877,80.77460248,30,	61.25	45.8	100	77.1	80.4791	3.3791	-5.36	493	71.74	inf	45765.98
100 494,11256,WBTV,35.585899637,80.460502882,30,	61.25	70.1	100	69.3	79.5363	10.2363	-1.23	494	68.07	inf	70148.13
100 495,11369,WBTV,35.763602827,81.180104005,30,	61.25	44.3	100	83.1	81.2807	-1.8193	-11.08	495	72.02	inf	44300.94
100 496,11482,WBTV,35.186204616,80.692231022,30,	61.25	48.9	100	77	78.7425	1.7425	-5.84	496	71.16	inf	48940.45
100 497,11595,WBTV,35.354602597,81.403198077,30,	61.25	19.5	100	93.8	96.3405	2.5405	-3.72	497	90.08	inf	19525.42
100 498,11708,WBTV,35.60780319,81.222003467,30,	61.25	27.2	100	93.2	90.9537	-2.2463	-12.57	498	80.63	inf	27162.53
100 499,11821,WBTV,35.153494612,80.828703636,30,	61.25	40	100	78.1	89.2195	11.1195	-5.19	499	72.91	inf	39961.59
316 500,8-12804,WCTI,36.20135242,77.715097851,30,	205.2	132.3	316	85.12	0	-85.12	-12.63	500	72.49	17.73	3777.543
100 501,9-3685,WFMY,36.001636983,80.038863082,30,	55.25	35.8	100	89.7	76.334	-13.366	-10.3	501	79.4	inf	22958.74
100 502,9-8883,WFMY,36.214487845,80.286072562,30,	55.25	55.44	100	73.7	57.7206	-15.9794	-3.59	502	70.11	inf	55271.96
100 503,10-7,WFOR,26.180422132,80.279911533,30,	67.25	23.1	100	80.5	89.7243	9.2243	-2.82	503	77.68	inf	23071.95
100 504,10-15,WFOR,26.139853499,80.20221934,30,	67.25	17	100	85.4	94.0866	8.6866	-5.06	504	80.34	inf	16956.36
100 505,10-23,WFOR,25.697380289,80.398976274,30,	67.25	38	100	73.6	82.2704	8.6704	-0.23	505	73.37	inf	38022.82
100 506,10-31,WFOR,25.661431508,80.38382608,30,	67.25	40.7	100	66.6	80.56	13.96	6.19	506	72.79	inf	40682.7
100 507,10-39,WFOR,25.803785866,80.225720975,30,	67.25	20.4	100	76.3	94.8008	18.5008	2.43	507	78.73	inf	20424.57
100 508,10-47,WFOR,25.729938544,80.255112319,30,	67.25	29	100	77.4	87.7975	10.3975	-1.71	508	75.69	inf	29042.36
100 509,10-55,WFOR,25.872833245,80.170598875,30,	67.25	12.7	100	87.7	102.0704	14.3704	-4.88	509	82.82	inf	12742.42
100 510,10-63,WFOR,26.310857191,80.232869835,30,	67.25	36.2	100	76.3	80.4066	4.1066	-2.51	510	73.79	inf	36184.56
100 511,10-71,WFOR,26.250199488,80.275491281,30,	67.25	30.3	100	76.7	84.3329	7.6329	-1.38	511	75.32	inf	30322.33
100 512,10-79,WFOR,25.919011822,80.260921698,30,	67.25	10	100	99.7	109.6025	9.9025	-12.67	512	87.03	inf	9966.18
100 513,10-87,WFOR,26.012028179,80.16956851,30,	67.25	3.6	100	91.3	109.2719	17.9719	17.79	513	109.09	inf	3634.649
100 514,10-95,WFOR,25.699980043,80.363975361,30,	67.25	36	100	71.9	83.4638	11.5638	1.95	514	73.85	inf	35958.89
100 515,10-103,WFOR,26.161982543,80.145937511,30,	67.25	20	100	80.9	90.8883	9.9883	-1.98	515	78.92	inf	19975.74
100 516,10-111,WFOR,25.900422239,80.168748745,30,	67.25	9.8	100	96.8	105.7967	8.9967	-9.3	516	87.5	inf	9753.312
100 517,10-119,WFOR,26.135483664,80.202389353,30,	67.25	16.5	100	87.3	94.5421	7.2421	-6.72	517	80.58	inf	16492.75
100 518,10-127,WFOR,25.521026609,80.396227113,30,	67.25	55.5	100	63.6	72.5746	8.9746	6.55	518	70.15	inf	55491.63
100 519,10-135,WFOR,26.098335032,80.193919146,30,	67.25	12.3	100	93.5	98.6361	5.1361	-10.39	519	83.11	inf	12328.78
100 520,10-143,WFOR,26.081625531,80.149767761,30,	67.25	11.3	100	87.9	98.8622	10.9622	-1.11	520	86.79	inf	11297.17
100 521,10-151,WFOR,26.263618693,80.090365575,30,	67.25	32.4	100	71.7	82.005	10.305	-0.54	521	71.16	25.58	647.9966
100 522,10-159,WFOR,26.165132597,80.222279935,30,	67.25	20	100	77.5	91.6843	14.1843	1.42	522	78.92	inf	19971.21
100 523,10-167,WFOR,25.744288168,80.285073,30,	67.25	28.3	100	80.6	88.5541	7.9541	-4.69	523	75.91	inf	28296.16
100 524,10-175,WFOR,25.825865084,80.230321063,30,	67.25	18.1	100	89.7	97.252	7.552	-9.91	524	79.79	inf	18080.83
100 525,10-183,WFOR,25.618883243,80.423677267,30,	67.25	46.8	100	68.5	77.1467	8.6467	3.1	525	71.6	inf	46798.53
100 526,10-191,WFOR,25.886133185,80.333253734,30,	67.25	17.8	100	85.9	99.7152	13.8152	-5.96	526	79.94	inf	17763.11
100 527,10-199,WFOR,26.015428181,80.20831975,30,	67.25	3.4	100	107	111.2318	4.2318	2.67	527	109.67	inf	3377.255
100 528,10-207,WFOR,25.820295058,80.128117525,30,	67.25	19.5	100	82.1	95.3096	13.2096	-2.96	528	79.14	inf	19483.71
100 529,10-215,WFOR,26.173872113,80.150707644,30,	67.25	21.1	100	80.8	89.9959	9.1959	-2.36	529	78.44	inf	21119.4
100 530,10-223,WFOR,26.167712248,80.108656316,30,	67.25	21.8	100	71	90.0084	19.0084	7.18	530	78.18	inf	21758.5

100 531,10-231,WFOR,25.621602815,80.361935769,30,	67.25	43.8	100	70	78.2102	8.2102	2.15	531	72.15	inf	43829.59
100 532,10-239,WFOR,26.184431704,80.14261737,30,	67.25	22.5	100	81.2	89.3468	8.1468	-3.3	532	77.9	inf	22475.06
100 533,10-247,WFOR,25.699580116,80.377335706,30,	67.25	36.7	100	74.3	83.0559	8.7559	-0.62	533	73.68	inf	36663.02
100 534,10-255,WFOR,25.967969865,80.193369385,30,	67.25	2	100	93.9	112.9963	19.0963	18.51	534	112.41	inf	1970.592
100 535,10-263,WFOR,25.990869263,80.271471716,30,	67.25	7.7	100	87.2	111.0331	23.8331	6.41	535	93.61	inf	7672.599
100 536,10-271,WFOR,26.12385426,80.27442151,30,	67.25	17.2	100	88.7	95.1349	6.4349	-8.47	536	80.23	inf	17170.28
100 537,10-279,WFOR,26.053916977,80.321202861,30,	67.25	14.6	100	70.3	99.7528	29.4528	11.33	537	81.63	inf	14610.63
100 538,10-287,WFOR,26.02576805,80.328373115,30,	67.25	14	100	88.8	101.3949	12.5949	-6.41	538	82.39	inf	14041.72
100 539,10-295,WFOR,25.885682788,80.173918955,30,	67.25	11.3	100	84.6	104.0593	19.4593	1.24	539	85.84	inf	11268.69
100 540,10-303,WFOR,26.028757571,80.174148629,30,	67.25	5	100	98.2	107.6339	9.4339	8.39	540	106.59	inf	5017.558
100 541,10-311,WFOR,25.809325694,80.2383914,30,	67.25	20.1	100	82.5	95.3258	12.8258	-3.63	541	78.87	inf	20089.59
100 542,10-319,WFOR,25.8248054,80.325823767,30,	67.25	22.2	100	80.2	94.1112	13.9112	-2.18	542	78.02	inf	22179.21
100 543,10-327,WFOR,26.129023664,80.105716281,30,	67.25	18	100	77.4	92.1272	14.7272	2.41	543	79.81	inf	18034.23
100 544,10-335,WFOR,25.990528967,80.168618522,30,	67.25	2.4	100	111	110.6434	-0.3566	0.76	544	111.76	inf	2442.692
100 545,10-343,WFOR,25.750717796,80.239241631,30,	67.25	26.5	100	74	89.6576	15.6576	2.48	545	76.48	inf	26507.27
100 546,10-351,WFOR,26.203721015,80.155637753,30,	67.25	24.3	100	83.3	88.4082	5.1082	-6.07	546	77.23	inf	24302.51
100 547,10-359,WFOR,26.11336482,80.374574078,30,	67.25	22.7	100	93.8	91.4085	-2.3915	-16	547	77.8	inf	22745.81
100 548,10-367,WFOR,25.838844503,80.180829311,30,	67.25	16.3	100	89	98.2167	9.2167	-8.32	548	80.68	inf	16300.36
100 549,10-375,WFOR,25.665811517,80.418456921,30,	67.25	42	100	71.4	79.8665	8.4665	1.12	549	72.52	inf	41994.21
100 550,10-383,WFOR,26.138593604,80.226020101,30,	67.25	17.1	100	87.3	94.3093	7.0093	-7.02	550	80.28	inf	17075.83
100 551,10-391,WFOR,25.825575063,80.216590587,30,	67.25	17.9	100	85.8	97.2312	11.4312	-5.9	551	79.9	inf	17854.45
100 552,10-399,WFOR,25.725658717,80.261622525,30,	67.25	29.7	100	81.5	87.3961	5.8961	-5.99	552	75.51	inf	29661.19
100 553,10-407,WFOR,25.604773227,80.328495076,30,	67.25	44.4	100	70.7	78.1742	7.4742	1.35	553	72.05	inf	44380.57
100 554,10-415,WFOR,25.828134895,80.182799407,30,	67.25	17.5	100	85.7	97.0307	11.3307	-5.64	554	80.06	inf	17508.8
100 555,10-423,WFOR,26.296267509,80.098295725,30,	67.25	35.7	100	73	80.0409	7.0409	0.92	555	73.92	inf	35651.57
100 556,10-431,WFOR,25.849334253,80.235051148,30,	67.25	15.6	100	87.9	100.1638	12.2638	-6.85	556	81.05	inf	15632.11
100 557,10-439,WFOR,25.820215229,80.20411017,30,	67.25	18.3	100	86.1	96.5174	10.4174	-6.44	557	79.66	inf	18344.39
100 558,10-447,WFOR,25.893082657,80.224820655,30,	67.25	10.7	100	98.3	107.1559	8.8559	-13.3	558	85	inf	10743.97
100 559,10-455,WFOR,25.958460102,80.159278293,30,	67.25	4.5	100	104.5	110.0451	5.5451	2.86	559	107.36	inf	4541.341
100 560,10-463,WFOR,25.888062666,80.160778505,30,	67.25	11.3	100	86.7	103.4127	16.7127	-1.64	560	85.06	inf	11290.75
100 561,10-471,WFOR,26.127013857,80.153017793,30,	67.25	16	100	92.9	94.2993	1.3993	-12.06	561	80.84	inf	16005.22
100 562,10-479,WFOR,25.717579664,80.423176802,30,	67.25	37.6	100	74.6	82.4987	7.8987	-1.13	562	73.47	inf	37598.73
100 563,10-487,WFOR,26.01652806,80.184138971,30,	67.25	3.3	100	97.1	109.9092	12.8092	12.66	563	109.76	inf	3319.706
100 564,10-495,WFOR,25.937210899,80.167448612,30,	67.25	6	100	103	109.9131	6.9131	2.46	564	105.46	inf	5991.306
100 565,10-503,WFOR,26.001848638,80.192929278,30,	67.25	1.6	100	110.2	112.0229	1.8229	2.4	565	112.6	inf	1605.176
100 566,10-511,WFOR,26.161982543,80.145937511,30,	67.25	20	100	80.9	90.8883	9.9883	-1.98	566	78.92	inf	19975.74
100 567,10-519,WFOR,26.243529428,80.090115616,30,	67.25	30.3	100	71.7	83.3447	11.6447	3.63	567	75.33	inf	30255.08
100 568,10-527,WFOR,25.838894617,80.230921041,30,	67.25	16.7	100	89.6	98.841	9.241	-9.12	568	80.48	inf	16680.94
100 569,10-535,WFOR,26.029477857,80.294022211,30,	67.25	10.9	100	97.7	104.9121	7.2121	-12.03	569	85.67	inf	10945.48
100 570,10-543,WFOR,25.820465235,80.210990408,30,	67.25	18.4	100	85.8	96.6375	10.8375	-6.18	570	79.62	inf	18425.2
100 571,10-551,WFOR,25.748888546,80.427526774,30,	67.25	35.1	100	76.1	84.3075	8.2075	-2.05	571	74.05	inf	35115.58
100 572,10-559,WFOR,25.74649822,80.318913887,30,	67.25	29.3	100	77.4	87.9542	10.5542	-1.79	572	75.61	inf	29319.43
100 573,10-567,WFOR,26.253259227,80.185968624,30,	67.25	29.6	100	77.6	84.9067	7.3067	-2.07	573	75.53	inf	29560.2
100 574,10-575,WFOR,25.594243918,80.385216477,30,	67.25	47.5	100	65.5	76.6748	11.1748	5.97	574	71.47	inf	47485.99
100 575,10-583,WFOR,25.743578688,80.414276445,30,	67.25	34.7	100	75.1	84.4873	9.3873	-0.95	575	74.15	inf	34731.86
100 576,10-591,WFOR,26.168372606,80.291391845,30,	67.25	22.3	100	81.4	90.5094	9.1094	-3.43	576	77.97	inf	22301.88
100 577,10-599,WFOR,25.572814707,80.389126682,30,	67.25	49.8	100	67.9	75.4256	7.5256	3.17	577	71.07	inf	49809.78
100 578,10-607,WFOR,26.208821004,80.248430687,30,	67.25	25.2	100	75.8	87.7563	11.9563	1.13	578	76.93	inf	25161.24
100 579,10-615,WFOR,25.821955268,80.249961757,30,	67.25	19	100	85.9	96.5723	10.6723	-6.54	579	79.36	inf	18993.7
100 580,10-623,WFOR,26.294517582,80.103615895,30,	67.25	35.3	100	80.1	80.7899	0.6899	-6.1	580	74	inf	35311.42
100 581,10-631,WFOR,25.897892298,80.156778348,30,	67.25	10.4	100	87.6	104.3333	16.7333	-2.67	581	84.93	inf	10416.45
100 582,10-639,WFOR,25.933531278,80.249761351,30,	67.25	8	100	106.1	111.8449	5.7449	-11.92	582	94.18	inf	8002.254
100 583,10-647,WFOR,25.584784412,80.412177155,30,	67.25	49.6	100	72.8	75.6075	2.8075	-1.7	583	71.1	inf	49585.35

100	584,10-655,WFOR,25.75210768,80.201140263,30,	67.25	25.9	100	78.1	89.7463	11.6463	-1.44	584	76.66	inf	25946.6
100	585,10-663,WFOR,25.665031251,80.357205396,30,	67.25	39.2	100	73.5	81.4168	7.9168	-0.38	585	73.12	inf	39156.27
100	586,10-671,WFOR,26.005818583,80.220480158,30,	67.25	3.3	100	109.7	112.6499	2.9499	0.1	586	109.8	inf	3307.714
100	587,10-679,WFOR,25.733048493,80.268922658,30,	67.25	29.1	100	82.1	87.8967	5.7967	-6.42	587	75.68	inf	29059.7
100	588,10-687,WFOR,26.090955343,80.206289554,30,	67.25	11.6	100	92	99.7991	7.7991	-6.78	588	85.22	inf	11572.31
100	589,10-695,WFOR,25.814785474,80.227060986,30,	67.25	19.2	100	87.2	95.9935	8.7935	-7.94	589	79.26	inf	19211.39
100	590,10-703,WFOR,25.967510066,80.251041263,30,	67.25	6	100	95.4	113.0545	17.6545	10.07	590	105.47	inf	5992.181
100	591,10-711,WFOR,26.203721015,80.155637753,30,	67.25	24.3	100	83.3	88.4082	5.1082	-6.07	591	77.23	inf	24302.51
100	592,10-719,WFOR,26.167712248,80.108656316,30,	67.25	21.8	100	71	90.0084	19.0084	7.18	592	78.18	inf	21758.5
100	593,10-727,WFOR,25.873453238,80.17667908,30,	67.25	12.6	100	91.9	102.4921	10.5921	-8.1	593	83.8	inf	12579.22
100	594,10-735,WFOR,25.991039128,80.221810241,30,	67.25	2.7	100	115.4	111.6547	-3.7453	-4.12	594	111.28	inf	2691.82
100	595,10-743,WFOR,25.996028962,80.22570035,30,	67.25	3.2	100	110.5	113.1617	2.6617	-0.56	595	109.94	inf	3211.393
100	596,10-751,WFOR,26.083795869,80.333823114,30,	67.25	17.6	100	82.9	96.1614	13.2614	-2.86	596	80.04	inf	17550.88
100	597,10-759,WFOR,25.936891324,80.329123434,30,	67.25	14.4	100	91	102.827	11.827	-9.27	597	81.73	inf	14449.41
100	598,10-767,WFOR,26.064556277,80.187589001,30,	67.25	8.6	100	84.9	102.9931	18.0931	3.29	598	88.19	inf	8618.3
100	599,10-775,WFOR,25.951480653,80.258121507,30,	67.25	7.4	100	110.2	112.6464	2.4464	-14.4	599	95.8	inf	7363.588
100	600,10-783,WFOR,25.60383346,80.364625938,30,	67.25	45.7	100	67.7	77.6039	9.9039	4.1	600	71.8	inf	45692.44
100	601,10-791,WFOR,26.167712248,80.108656316,30,	67.25	21.8	100	71	90.0084	19.0084	7.18	601	78.18	inf	21758.5
100	602,10-799,WFOR,25.679640529,80.312814187,30,	67.25	36	100	73.9	83.2603	9.3603	-0.05	602	73.85	inf	35965.84
1200	603,11-81,WHP,39.986052724,77.234265107,30,	513.3	50.5	1200	34.2	45.505	11.305	19.77	603	53.97	49.73	865.8305
1200	604,11-1956,WHP,40.080055207,76.736819775,30,	513.3	31.4	1200	64.2	70.8185	6.6185	-2.81	604	61.39	46.41	981.0098
1200	605,11-3531,WHP,39.960568374,76.745859598,30,	513.3	44	1200	69.4	81.0637	11.6637	13.5	605	82.9	inf	43982.93
1200	606,11-4281,WHP,40.079996712,76.268678905,30,	513.3	58.8	1200	58.3	58.77	0.47	21.88	606	80.18	22.26	2812.434
1200	607,11-4806,WHP,40.005383936,77.111302485,30,	513.3	43	1200	89.7	85.1485	-4.5515	-6.6	607	83.1	inf	42968.14
1200	608,11-6156,WHP,40.026247984,76.327371947,30,	513.3	58	1200	81.9	65.6479	-16.2521	-7.05	608	74.85	27.7	5520.424
1200	609,11-6381,WHP,40.033987829,76.309371245,30,	513.3	58.7	1200	49.4	51.7607	2.3607	18.04	609	67.44	35.01	1547.456
1200	610,11-7206,WHP,40.087475061,76.724109812,30,	513.3	31.1	1200	67.9	87.294	19.394	20.38	610	88.28	19.6	2177.244
316	611,6,WJZ,39.035900425,76.598526877,30,	211.3	33.4	316	82.7	101.2324	18.5324	-3.23	611	79.47	inf	33442.95
316	612,12-81,WJZ,39.986052724,77.234265107,30,	211.3	87.9	316	48.7	62.2939	13.5939	22.53	612	71.23	22.05	8641.597
316	613,156,WJZ,39.019420758,76.580546223,30,	211.3	35.4	316	72.6	81.5774	8.9774	6.37	613	78.97	inf	35435.55
316	614,12-231,WJZ,38.781695797,76.081794097,30,	211.3	78.6	316	68.2	76.645	8.445	4.15	614	72.35	inf	78624.9
316	615,306,WJZ,39.006499303,77.405699346,30,	211.3	74.6	316	56.7	63.7353	7.0353	20.19	615	76.89	17.78	6666.806
316	616,381,WJZ,39.367266261,76.706304116,30,	211.3	5.9	316	113.5	109.8294	-3.6706	-5.94	616	107.56	inf	5902.839
316	617,12-456,WJZ,39.166528852,76.531345219,30,	211.3	21.2	316	83.5	104.9178	21.4178	5.07	617	88.57	inf	21221.27
316	618,531,WJZ,40.058934086,76.988489319,30,	211.3	85.4	316	60.5	61.2552	0.7552	14.93	618	75.43	18.09	19363.36
316	619,606,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	619	74.91	inf	56927.65
316	620,681,WJZ,39.402617327,76.45994489,30,	211.3	17.9	316	100.2	105.9592	5.7592	-9.84	620	90.36	inf	17910.08
316	621,756,WJZ,39.760374608,76.228067518,30,	211.3	59.5	316	53.9	71.2276	17.3276	5.36	621	59.26	37.31	708.2147
316	622,831,WJZ,39.447111864,75.623070145,30,	211.3	89.1	316	77.9	65.9399	-11.9601	-3.51	622	74.39	18.99	886.4124
316	623,906,WJZ,39.743903296,76.682703512,30,	211.3	45.4	316	62.9	93.4651	30.5651	13.91	623	76.81	inf	45444.88
316	624,12-981,WJZ,39.115295976,77.55250235,30,	211.3	81.3	316	46.1	57.4718	11.3718	24.26	624	70.36	23.6	14556.74
316	625,12-1056,WJZ,38.919331327,77.07384997,30,	211.3	58.7	316	48.2	84.2843	36.0843	28.97	625	77.17	19.49	1595.836
316	626,12-1131,WJZ,38.701345429,77.219174454,30,	211.3	85.8	316	53.6	59.8913	6.2913	16.45	626	70.05	23.6	1895.737
316	627,1206,WJZ,39.551670623,77.226464897,30,	211.3	54.9	316	64.1	77.9774	13.8774	5.92	627	70.02	27.19	492.9381
316	628,1281,WJZ,39.774537973,77.17249622,30,	211.3	66.1	316	68.6	59.9726	-8.6274	5.58	628	74.18	21.46	1984.702
316	629,12-1356,WJZ,39.087707352,77.407949009,30,	211.3	70.7	316	47.6	60.3086	12.7086	24.18	629	71.78	23.34	2797.464
316	630,12-1431,WJZ,39.009249283,77.384268486,30,	211.3	72.8	316	39	62.0463	23.0463	37.01	630	76.01	18.86	3819.497
316	631,12-1506,WJZ,38.873361958,77.175822667,30,	211.3	68.4	316	51.6	59.6247	8.0247	24.42	631	76.02	19.37	1267.525
316	632,1581,WJZ,39.034949251,77.124911143,30,	211.3	52.6	316	56.2	82.1444	25.9444	7.81	632	64.01	33.57	14969.03
316	633,1656,WJZ,39.225746363,76.895897309,30,	211.3	24.3	316	76.9	102.9523	26.0523	6.35	633	83.25	inf	24266.15
316	634,12-1731,WJZ,38.929941184,77.044579307,30,	211.3	56.2	316	43.9	60.8082	16.9082	24.05	634	67.95	29.09	667.8356
316	635,1806,WJZ,39.339906171,76.748475472,30,	211.3	8.3	316	112.3	110.6516	-1.6484	-9.44	635	102.86	inf	8330.186
316	636,12-1881,WJZ,39.042959145,77.091640573,30,	211.3	49.9	316	55	77.3446	22.3446	20.62	636	75.62	22.43	3580.16

316	638,2031,WJZ,39.260607872,76.464523313,30,	211.3	17.9	316	113.6	106.236	-7.364	-23.78	638	89.82	inf	17914.54
316	639,12-2106,WJZ,38.910111229,77.254524319,30,	211.3	70.2	316	33.4	63.1657	29.7657	32.27	639	65.67	29.48	1433.063
316	640,2181,WJZ,38.630897795,77.08419956,30,	211.3	86.7	316	58.5	65.4442	6.9442	17.89	640	76.39	17.11	1459.39
316	641,2256,WJZ,39.044929228,76.980308261,30,	211.3	42.8	316	78.4	85.437	7.037	-1.32	641	77.08	22.26	1865.71
316	642,2331,WJZ,38.599799138,76.927694611,30,	211.3	85	316	59.5	63.6474	4.1474	21.61	642	81.11	12.53	1739.098
316	643,2406,WJZ,38.781695797,76.081794097,30,	211.3	78.6	316	62.4	76.645	14.245	9.95	643	72.35	inf	78624.9
316	644,12-2481,WJZ,38.913901397,77.090300359,30,	211.3	60.1	316	36.7	0	-36.7	38.21	644	74.91	21.56	2453.818
316	645,2556,WJZ,39.303867603,76.485504489,30,	211.3	14.5	316	103.1	107.7655	4.6655	-6.06	645	97.04	inf	14505.76
316	646,12-2631,WJZ,39.302621917,77.545940302,30,	211.3	77	316	42.9	0	-42.9	10.14	646	53.04	41.35	853.3703
316	647,2706,WJZ,39.650731751,75.843541329,30,	211.3	77.5	316	70.1	67.7798	-2.3202	8.01	647	78.11	16.28	1555.499
316	648,12-2781,WJZ,39.011009912,76.875354991,30,	211.3	40.8	316	70.7	95.4026	24.7026	0.81	648	71.51	28.25	702.17
316	649,2856,WJZ,38.681926157,77.274715681,30,	211.3	90.3	316	67.9	63.5753	-4.3247	12.2	649	80.1	13.04	2815.801
316	650,2931,WJZ,38.730084525,77.253665923,30,	211.3	84.9	316	57.7	70.1136	12.4136	4.12	650	61.82	31.81	7986.628
316	651,3006,WJZ,38.945342506,76.554654107,30,	211.3	44	316	65.7	89.9975	24.2975	11.44	651	77.14	inf	43973.24
316	652,3081,WJZ,38.894603903,76.059004624,30,	211.3	70.6	316	77.4	82.9277	5.5277	-4.22	652	73.18	inf	70573.62
316	653,3156,WJZ,39.434735986,76.704934925,30,	211.3	11.9	316	100.2	109.0263	8.8263	-6.01	653	94.19	inf	11926.21
316	654,3231,WJZ,39.595713291,75.934295688,30,	211.3	67.9	316	77	74.0733	-2.9267	-11.19	654	65.81	29.71	6869.642
316	655,3306,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	655	74.91	inf	56927.65
316	656,3381,WJZ,38.78296368,77.086670451,30,	211.3	71.9	316	85.6	85.7231	0.1231	-12.6	656	73	inf	71910.66
316	657,3456,WJZ,39.285467865,76.442342942,30,	211.3	18.6	316	99.8	105.9339	6.1339	-11.25	657	88.55	inf	18610.76
316	658,12-3531,WJZ,39.960568374,76.745859598,30,	211.3	69.9	316	27.9	0	-27.9	47.31	658	75.21	19.97	3164.198
316	659,12-3606,WJZ,38.832212972,77.006648066,30,	211.3	63.7	316	45.7	68.7885	23.0885	20.71	659	66.41	29.6	1375.353
316	660,3681,WJZ,39.370036263,76.703464036,30,	211.3	5.9	316	113.7	109.8344	-3.8656	-6.46	660	107.24	inf	5914.654
316	661,3756,WJZ,39.978923733,77.169653911,30,	211.3	84.1	316	69	66.9142	-2.0858	-2.71	661	66.29	27.32	35917.79
316	662,12-3831,WJZ,38.914611291,77.153261836,30,	211.3	63.7	316	55.2	83.1166	27.9166	18.78	662	73.98	inf	63651
316	663,3906,WJZ,39.763010834,75.781639587,30,	211.3	88.3	316	67.3	0	-67.3	-0.05	663	67.25	26.08	635.334
316	664,3981,WJZ,39.117649058,76.632368574,30,	211.3	24.1	316	97.3	103.9136	6.6136	-11.62	664	85.68	inf	24063.29
316	665,4056,WJZ,39.003469345,77.422150021,30,	211.3	75.9	316	56.3	63.8094	7.5094	19.03	665	75.33	19.2	1606.757
316	666,4131,WJZ,39.276037117,76.610569061,30,	211.3	7.3	316	102.1	110.7941	8.6941	5.46	666	107.56	inf	7284.093
316	667,4206,WJZ,39.113699421,76.571916447,30,	211.3	25.4	316	70.5	102.1768	31.6768	14.3	667	84.8	inf	25361.29
316	668,12-4281,WJZ,40.079996712,76.268678905,30,	211.3	88.9	316	51.1	0	-51.1	14.32	668	65.42	27.83	1118.885
316	669,12-4356,WJZ,38.852612773,77.416649813,30,	211.3	85	316	46.4	58.4288	12.0288	21.31	669	67.71	25.88	5194.365
316	670,12-4431,WJZ,38.815182805,77.249395306,30,	211.3	77.4	316	45.8	65.5402	19.7402	27.45	670	73.25	21.11	4513.412
316	671,4506,WJZ,39.453832151,77.140793992,30,	211.3	44.1	316	84.2	66.8846	-17.3154	-9.71	671	74.49	24.59	630.7951
316	672,4581,WJZ,38.958660404,77.289005035,30,	211.3	69.1	316	57.2	64.8919	7.6919	4.29	672	61.49	33.83	868.4098
316	673,4656,WJZ,39.095999422,76.622998087,30,	211.3	26.5	316	97.3	100.6409	3.3409	-15.86	673	81.44	inf	26528.73
316	674,12-4731,WJZ,39.034419322,77.06595002,30,	211.3	48.9	316	43.1	68.5071	25.4071	34.84	674	77.94	20.27	1587.631
316	675,12-4806,WJZ,40.005383936,77.111302485,30,	211.3	84.2	316	55.5	0	-55.5	20.16	675	75.66	17.97	6487.882
316	676,4881,WJZ,39.149397209,77.176603335,30,	211.3	49.7	316	72.4	85.5235	13.1235	5.87	676	78.27	19.79	1619.006
316	677,4956,WJZ,39.204196632,76.92129772,30,	211.3	27.3	316	78.6	99.0343	20.4343	2.6	677	81.2	inf	27334.85
316	678,5031,WJZ,39.900377605,76.998741664,30,	211.3	69.4	316	68.7	0	-68.7	25.05	678	93.75	1.49	5944.727
316	679,5106,WJZ,38.737995094,75.956199526,30,	211.3	89.3	316	51.7	69.899	18.199	4.8	679	56.5	36.84	11092.8
316	680,5181,WJZ,38.999700095,76.876594932,30,	211.3	42	316	79.1	92.2546	13.1546	-1.58	680	77.52	inf	41962.15
316	681,5256,WJZ,38.843873295,76.798322273,30,	211.3	56	316	84	82.584	-1.416	-12.41	681	71.59	25.5	879.0563
316	682,5331,WJZ,39.743903296,76.682703512,30,	211.3	45.4	316	72.6	93.4651	20.8651	4.21	682	76.81	inf	45444.88
316	683,5406,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	683	74.91	inf	56927.65
316	684,5481,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	684	74.91	inf	56927.65
316	685,5556,WJZ,39.287956745,76.675381845,30,	211.3	5.5	316	98.8	108.9784	10.1784	7.72	685	106.52	inf	5499.706
316	686,5631,WJZ,39.256701188,75.686902412,30,	211.3	83.3	316	70.9	71.1998	0.2998	-3.18	686	67.72	26.13	3659.1
316	687,5706,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	687	74.91	inf	56927.65
316	688,5781,WJZ,39.101599918,76.50884423,30,	211.3	28.5	316	84.4	99.7541	15.3541	-3.56	688	80.84	inf	28538.35
316	689,12-5856,WJZ,39.491575596,76.738186988,30,	211.3	18.9	316	55.2	86.7547	31.5547	18.92	689	74.12	32.27	444.5139
316	690,5931,WJZ,39.055078863,77.161692044,30,	211.3	53.8	316	59	79.5672	20.5672	23.14	690	82.14	15.25	2895.814

316	691,12-6006,WJZ,38.902011751,76.99604807,30,	211.3	56.5	316	39.7	73.2144	33.5144	31.47	691	71.17	25.86	1165.35
316	692,12-6081,WJZ,38.984740158,77.09740038,30,	211.3	54.7	316	45	80.1115	35.1115	30.25	692	75.25	inf	54678.09
316	693,12-6156,WJZ,40.026247984,76.327371947,30,	211.3	81.5	316	42.8	63.6002	20.8002	17.8	693	60.6	33.32	21235.8
316	694,6231,WJZ,38.739154771,77.324567592,30,	211.3	88.1	316	50.9	56.8639	5.9639	23.96	694	74.86	18.45	5252.286
316	695,6306,WJZ,39.725074476,77.573933331,30,	211.3	90.2	316	60.1	0	-60.1	-20.73	695	39.37	53.7	5781.011
316	696,12-6381,WJZ,40.033987829,76.309371245,30,	211.3	82.9	316	27	0	-27	33.26	696	60.26	33.55	608.4856
316	697,6456,WJZ,38.855282414,77.091480485,30,	211.3	65.4	316	69.3	77.41	8.11	-6.6	697	62.7	33.08	11827.92
316	698,6531,WJZ,39.178107576,76.752263508,30,	211.3	19.4	316	92.8	105.6228	12.8228	-3.13	698	89.67	inf	19403.27
316	699,6606,WJZ,39.190796455,77.225904975,30,	211.3	51.9	316	64.1	77.8072	13.7072	0.09	699	64.19	33.49	7544.423
316	701,12-6756,WJZ,39.490846951,76.463556086,30,	211.3	23.5	316	90.3	103.9774	13.6774	-7.81	701	82.49	inf	23548.49
316	702,6831,WJZ,38.943200905,77.077710041,30,	211.3	56.9	316	72.1	87.1589	15.0589	2.81	702	74.91	inf	56927.65
316	703,6906,WJZ,38.801653065,77.232084935,30,	211.3	77.5	316	57	60.9165	3.9165	19.25	703	76.25	18.1	1890.78
316	704,6981,WJZ,38.872803892,75.997701598,30,	211.3	76.1	316	74.7	78.5627	3.8627	-2.12	704	72.58	inf	76107.37
316	705,7056,WJZ,38.886724346,76.491460238,30,	211.3	51.5	316	72.2	85.5153	13.3153	3.6	705	75.8	inf	51542.21
316	706,7131,WJZ,39.329903801,77.287366206,30,	211.3	54.7	316	57.7	68.2899	10.5899	24.07	706	81.77	15.48	2395.842
316	707,12-7206,WJZ,40.087475061,76.724109812,30,	211.3	83.8	316	30.1	0	-30.1	30.21	707	60.31	33.41	986.7784
316	708,7281,WJZ,39.401986084,76.713014831,30,	211.3	9.1	316	111.3	110.3878	-0.9122	-10.57	708	100.73	inf	9117.103
316	709,7356,WJZ,38.89760322,76.618695641,30,	211.3	48.6	316	68.7	93.9438	25.2438	7.57	709	76.27	inf	48601.19
316	710,7431,WJZ,38.617598168,77.096899837,30,	211.3	88.4	316	64.9	0	-64.9	9.65	710	74.55	18.79	3294.773
316	711,7506,WJZ,39.148647508,76.94283786,30,	211.3	32.4	316	69.3	93.8515	24.5515	11.07	711	80.37	21.35	1125.33
316	712,7581,WJZ,39.62877827,77.392788729,30,	211.3	71.5	316	68.1	71.4209	3.3209	1.15	712	69.25	25.75	18912.88
316	713,7656,WJZ,39.027109516,77.003778807,30,	211.3	45.7	316	61.3	84.6109	23.3109	2.93	713	64.23	34.56	1637.949
316	714,7731,WJZ,39.786150465,76.941551325,30,	211.3	55.9	316	77.1	71.733	-5.367	-26.26	714	50.84	46.2	8525.296
316	715,12-7806,WJZ,38.828222607,77.23922485,30,	211.3	75.8	316	47.6	64.8246	17.2246	19.67	715	67.27	27.26	5964.139
316	716,7881,WJZ,39.021619506,77.104690651,30,	211.3	52.3	316	61.2	79.2131	18.0131	13.17	716	74.37	23.27	1754.728
2340	717,10,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	717	107.15	inf	4341.954
2340	718,13-39,WPGH,40.590865518,79.541606145,30,	705.3	40.4	2340	69	77.3508	8.3508	-5.28	718	63.72	44.78	833.7724
2340	719,13-68,WPGH,40.35552942,79.884211264,30,	705.3	18.5	2340	60	0	-60	5.67	719	65.67	49.47	564.0116
2340	720,97,WPGH,40.441138985,79.926383297,30,	705.3	8.9	2340	90.1	118.3303	28.2303	19.42	720	109.52	inf	8879.768
2340	721,126,WPGH,40.389029355,80.038145983,30,	705.3	12	2340	72.9	117.6643	44.7643	31.33	721	104.23	inf	12011.18
2340	722,155,WPGH,40.219000857,80.295703661,30,	705.3	39.3	2340	54.2	68.2365	14.0365	7.08	722	61.28	47.48	648.6017
2340	723,184,WPGH,40.447658948,80.066967204,30,	705.3	7.4	2340	71.5	117.2107	45.7107	31.29	723	102.79	15.16	624.7147
2340	724,213,WPGH,40.587302446,80.937001196,30,	705.3	79.4	2340	26.5	0	-26.5	38.68	724	65.18	37.58	1292.649
2340	725,242,WPGH,40.363197979,80.727741852,30,	705.3	62.9	2340	52.8	68.392	15.592	30.34	725	83.14	21.59	2682.822
2340	726,13-271,WPGH,40.385459316,80.068626811,30,	705.3	13.2	2340	71.5	111.8449	40.3449	32.31	726	103.81	inf	13238.06
2340	727,300,WPGH,40.523978129,79.879783059,30,	705.3	10.9	2340	92.8	118.0657	25.2657	14.69	727	107.49	inf	10920.19
2340	728,329,WPGH,40.444829034,79.948443957,30,	705.3	7.2	2340	74.4	117.0252	42.6252	-15.81	728	58.59	60.23	1042.653
2340	729,358,WPGH,40.06655256,80.734864622,30,	705.3	78.1	2340	30.9	0	-30.9	27.81	729	58.71	44.22	1564.823
2340	730,387,WPGH,40.189231025,80.255772623,30,	705.3	40	2340	72.2	66.7148	-5.4852	-26.86	730	45.34	63.25	596.8285
2340	731,13-416,WPGH,40.020634313,79.888389205,30,	705.3	53.6	2340	60.5	0	-60.5	1.71	731	62.21	43.89	870.5586
2340	732,445,WPGH,40.773104419,80.374496458,30,	705.3	43.8	2340	57.1	107.8493	50.7493	28.71	732	85.81	inf	43830.17
2340	733,474,WPGH,40.535708114,79.913254284,30,	705.3	8.8	2340	112.5	118.3272	5.8272	-3.05	733	109.45	inf	8816.82
2340	734,13-503,WPGH,40.502598597,80.068597666,30,	705.3	5.4	2340	104.5	125.8796	21.3796	4.79	734	109.29	inf	5414.65
2340	735,13-532,WPGH,40.295139873,80.095577004,30,	705.3	23.4	2340	63.2	108.525	45.325	-11.81	735	51.39	61.86	537.5622
2340	736,561,WPGH,40.576637832,80.030098415,30,	705.3	9.2	2340	84	80.6607	-3.3393	24.38	736	108.38	inf	9199.718
2340	737,13-590,WPGH,40.279779557,79.545331977,30,	705.3	45.6	2340	49.8	72.2473	22.4473	14.98	737	64.78	42.7	876.6127
2340	738,619,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	738	107.15	inf	4341.954
2340	739,648,WPGH,40.427298256,79.698197159,30,	705.3	26.9	2340	70.6	0	-70.6	-8.55	739	62.05	49.99	1099.707
2340	740,677,WPGH,40.363539456,80.062336476,30,	705.3	15.3	2340	88.6	95.9012	7.3012	-24.16	740	64.44	52	787.044
2340	741,706,WPGH,40.40119818,80.552102761,30,	705.3	47.4	2340	71.4	78.8089	7.4089	10.15	741	81.55	25.6	4581.383
2340	742,13-735,WPGH,40.33315001,79.300277331,30,	705.3	62.2	2340	59.4	80.5019	21.1019	22.18	742	81.58	23.24	1921.962
2340	743,764,WPGH,40.62059425,80.601053869,30,	705.3	52.2	2340	47	0	-47	9.87	743	56.87	49.46	866.5533
2340	744,793,WPGH,40.173751591,79.862619069,30,	705.3	37.6	2340	64	0	-64	3.5	744	67.5	41.64	982.6575

2340	745,13-822,WPGH,40.327879076,79.619704305,30,	705.3	37.4	2340	59.4	82.823	23.423	24.95	745	84.35	24.83	1442.757
2340	746,851,WPGH,40.381497604,80.729801762,30,	705.3	62.6	2340	49.1	76.6385	27.5385	36.89	746	85.99	18.77	1298.427
2340	747,880,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	747	107.15	inf	4341.954
2340	748,13-909,WPGH,40.584975676,79.560616479,30,	705.3	38.7	2340	52.1	0	-52.1	13.87	748	65.97	42.92	2070.699
2340	749,13-938,WPGH,40.373309397,80.063476579,30,	705.3	14.3	2340	47	86.261	39.261	45.34	749	92.34	24.33	738.706
2340	750,967,WPGH,40.204471468,80.555233909,30,	705.3	56.7	2340	41.5	0	-41.5	31.18	750	72.68	32.94	1920.868
2340	751,996,WPGH,40.895003833,80.10660169,30,	705.3	45.1	2340	58	0	-58	28	751	86	21.57	953.3417
2340	752,1025,WPGH,40.454538886,79.919773237,30,	705.3	8.4	2340	81.7	118.1937	36.4937	29.64	752	111.34	inf	8366.181
2340	753,1054,WPGH,40.353199256,80.475899545,30,	705.3	42.8	2340	78.1	105.7868	27.6868	5.37	753	83.47	24.55	594.2741
2340	754,1083,WPGH,40.610947214,79.940116815,30,	705.3	13.8	2340	93.5	116.9092	23.4092	10.27	754	103.77	inf	13815.2
2340	755,13-1112,WPGH,40.17584113,80.250492612,30,	705.3	41	2340	60.1	73.7021	13.6021	-5.4	755	54.7	53.68	988.1254
2340	756,1170,WPGH,40.702626253,80.091731871,30,	705.3	24	2340	67.7	86.7796	19.0796	-4.94	756	62.76	50.25	815.6171
2340	757,13-1199,WPGH,40.429868876,79.865811467,30,	705.3	13.7	2340	85.5	116.9657	31.4657	16.96	757	102.46	inf	13744.85
2340	758,1228,WPGH,40.274470278,80.5738046,30,	705.3	54	2340	53.4	0	-53.4	32.65	758	86.05	19.97	1066.202
2340	759,13-1257,WPGH,40.448149026,79.951234067,30,	705.3	6.8	2340	61	93.0936	32.0936	1.68	759	62.68	55.98	735.2901
2340	760,1286,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	760	107.15	inf	4341.954
2340	761,1315,WPGH,40.357638353,80.672389101,30,	705.3	58.5	2340	58.4	0	-58.4	22.48	761	80.88	24.46	656.2391
2340	762,1344,WPGH,40.234100351,80.072696082,30,	705.3	29.5	2340	75.8	105.0741	29.2741	13.42	762	89.22	inf	29534.93
2340	763,1373,WPGH,40.751995285,80.321835197,30,	705.3	39	2340	66.8	77.0676	10.2676	-1.1	763	65.7	43.12	5146.861
2340	764,1402,WPGH,40.60314675,80.295553969,30,	705.3	27.3	2340	77	69.1966	-7.8034	-17.64	764	59.36	52.56	2060.649
2340	765,13-1431,WPGH,40.613766251,79.182177822,30,	705.3	70.6	2340	57.8	0	-57.8	2.47	765	60.27	43.48	865.1154
2340	766,13-1460,WPGH,40.902634039,79.893356704,30,	705.3	46.1	2340	28.5	0	-28.5	32.48	766	60.98	46.39	590.5637
2340	767,1489,WPGH,40.317949182,79.611773998,30,	705.3	38.6	2340	73.4	104.7785	31.3785	13.51	767	86.91	inf	38586.45
2340	768,1518,WPGH,40.051293212,80.659050389,30,	705.3	74.2	2340	30.3	0	-30.3	19.54	768	49.84	53.5	700.8175
2340	769,1547,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	769	107.15	inf	4341.954
2340	770,1576,WPGH,40.439698961,80.077437426,30,	705.3	8.7	2340	78.3	113.9228	35.6228	16.24	770	94.54	23.93	1546.857
2340	771,1605,WPGH,40.956400893,80.46989987,30,	705.3	64.5	2340	71	91.5573	20.5573	7.94	771	78.94	25.57	4537.309
2340	772,1634,WPGH,40.981911106,80.350486892,30,	705.3	61.3	2340	79.8	0	-79.8	-18.15	772	61.65	43.3	708.7969
2340	773,1663,WPGH,40.46459896,79.956674374,30,	705.3	5.2	2340	91.5	126.1088	34.6088	19.51	773	111.01	inf	5237.193
2340	774,1692,WPGH,40.613197318,80.054599647,30,	705.3	13.6	2340	90.1	116.9976	26.8976	12.05	774	102.15	inf	13635.93
2340	775,1721,WPGH,40.292409837,79.986463648,30,	705.3	22.5	2340	73.4	74.0512	0.6512	13.26	775	86.66	26.93	1221.845
2340	776,1750,WPGH,40.70318501,80.403756954,30,	705.3	40.8	2340	72.8	108.4657	35.6657	13.63	776	86.43	inf	40790.91
2340	777,1779,WPGH,40.465428972,79.961184509,30,	705.3	4.9	2340	111.4	126.6973	15.2973	-0.74	777	110.66	inf	4895.443
2340	778,1808,WPGH,40.42313927,79.992935021,30,	705.3	8	2340	83	117.9467	34.9467	26.62	778	109.62	inf	7950.902
2340	779,1837,WPGH,40.489038793,80.047076997,30,	705.3	3.6	2340	104.5	129.3813	24.8813	3.46	779	107.96	inf	3603.383
2340	780,13-1866,WPGH,40.466168838,80.066847332,30,	705.3	6.1	2340	59.1	124.8094	65.7094	36	780	95.1	20.73	790.5835
2340	781,1895,WPGH,40.442398328,80.262702418,30,	705.3	22.5	2340	55.6	113.4147	57.8147	6.51	781	62.11	51.45	570.6517
2340	782,1924,WPGH,40.430329061,80.063947001,30,	705.3	8.7	2340	74.9	79.6516	4.7516	-17	782	57.9	60.56	803.7275
2340	783,1953,WPGH,40.263480226,80.201140141,30,	705.3	30.5	2340	71.2	71.1747	-0.0253	-11.77	783	59.43	51.51	552.7635
2340	784,1982,WPGH,40.608832315,80.880827843,30,	705.3	75	2340	46.4	66.5057	20.1057	16.16	784	62.56	40.67	607.298
2340	785,13-2011,WPGH,40.363439469,80.052976207,30,	705.3	15.1	2340	44	83.0297	39.0297	53.12	785	97.12	19.09	1016.344
2340	786,2040,WPGH,40.511896638,80.5072001,30,	705.3	42.4	2340	52.7	68.0121	15.3121	-10.31	786	42.39	65.7	566.2307
2340	787,2069,WPGH,40.354599489,80.08089695,30,	705.3	16.8	2340	87.8	113.7019	25.9019	6.8	787	94.6	21.01	565.3768
2340	788,2098,WPGH,40.445338747,79.859341437,30,	705.3	13.4	2340	91.8	117.1068	25.3068	10.71	788	102.51	inf	13403.74
2340	789,2127,WPGH,40.381909359,80.056566446,30,	705.3	13.2	2340	90.4	111.1606	20.7606	12.68	789	103.08	inf	13217.45
2340	790,13-2156,WPGH,40.16080176,79.884799779,30,	705.3	38.4	2340	55.6	0	-55.6	9.53	790	65.13	43.82	970.71
2340	791,2185,WPGH,40.525548586,79.992576344,30,	705.3	3.4	2340	102.5	129.7027	27.2027	5.45	791	107.95	inf	3385.336
2340	792,13-2214,WPGH,40.627405546,79.604127855,30,	705.3	36.7	2340	56	0	-56	17.03	792	73.03	36.31	1387.314
2340	793,2243,WPGH,40.497138517,79.891952865,30,	705.3	9.5	2340	73.5	94.8341	21.3341	36.64	793	110.14	inf	9463.507
2340	794,2272,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	794	107.15	inf	4341.954
2340	795,2301,WPGH,40.488618658,80.076847742,30,	705.3	6.1	2340	91	124.8534	33.8534	20.09	795	111.09	inf	6110.312
2340	796,2330,WPGH,40.489658612,79.903263109,30,	705.3	8.5	2340	109	118.2365	9.2365	3.45	796	112.45	inf	8488.52
2340	797,2359,WPGH,40.338399967,79.29281724,30,	705.3	62.6	2340	85.9	80.9691	-4.9309	-4.94	797	80.96	23.8	1244.607

2340	798,2388,WPGH,40.851873914,80.271814411,30,	705.3	45.5	2340	69.1	78.8954	9.7954	-9.48	798	59.62	47.88	928.165
2340	799,13-2417,WPGH,40.212741029,79.77144639,30,	705.3	37	2340	62.2	0	-62.2	-28.56	799	33.64	75.64	607.2473
2340	800,2446,WPGH,40.849423991,80.267794307,30,	705.3	45.1	2340	62.9	79.9268	17.0268	-1.56	800	61.34	46.24	6253.737
2340	801,2475,WPGH,40.455479056,80.025616181,30,	705.3	4.7	2340	71	127.0453	56.0453	37.97	801	108.97	inf	4719
2340	802,2504,WPGH,40.392029225,79.906542261,30,	705.3	14	2340	107.5	116.8147	9.3147	-3.99	802	103.51	inf	14027.84
2340	803,2533,WPGH,40.577206948,79.76215059,30,	705.3	22.3	2340	61	78.4488	17.4488	1.77	803	62.77	50.89	1576.964
2340	804,2562,WPGH,40.08300247,80.712903271,30,	705.3	75.5	2340	35.9	0	-35.9	28.14	804	64.04	39.15	579.2396
2340	805,13-2591,WPGH,40.762035448,80.00702208,30,	705.3	29.6	2340	57.1	79.5346	22.4346	-4.15	805	52.95	58.26	1053.741
2340	806,2620,WPGH,40.426709225,79.982314751,30,	705.3	7.7	2340	111.6	117.7418	6.1418	2.38	806	113.98	inf	7742.481
2340	807,13-2649,WPGH,39.875576209,79.978297935,30,	705.3	68.8	2340	35.5	0	-35.5	46.49	807	81.99	21.98	4663.388
2340	808,13-2707,WPGH,40.130221571,80.253313274,30,	705.3	45.7	2340	54.4	0	-54.4	24.96	808	79.36	28.1	585.7074
2340	809,2736,WPGH,41.072001551,80.061110244,30,	705.3	64.2	2340	73.6	70.9575	-2.6425	-4.7	809	68.9	35.65	846.6027
2340	810,2765,WPGH,40.633747039,80.077800416,30,	705.3	16.4	2340	71.1	115.7779	44.6779	-14.14	810	56.96	58.87	489.771
2340	811,2794,WPGH,40.685383153,80.607973818,30,	705.3	55.1	2340	38.5	0	-38.5	29.58	811	68.08	37.78	648.2487
2340	812,2823,WPGH,41.119101295,79.933597348,30,	705.3	69.5	2340	54.4	68.8195	14.4195	16.28	812	70.68	33.19	4268.164
2340	813,2852,WPGH,40.690196402,80.125901993,30,	705.3	23.8	2340	79.8	95.4484	15.6484	8.43	813	88.23	24.85	4201.44
2340	814,2881,WPGH,40.62393725,79.994528867,30,	705.3	14.2	2340	93.5	116.752	23.252	-1.99	814	91.51	25.6	723.9614
2340	815,13-2910,WPGH,40.201700916,79.92390129,30,	705.3	33.2	2340	61.5	0	-61.5	-2.75	815	58.75	51.46	1031.723
2340	816,2939,WPGH,40.374567816,80.715231103,30,	705.3	61.6	2340	65.4	68.5883	3.1883	19.88	816	85.28	19.62	1041.556
2340	817,2968,WPGH,40.495668713,80.056267277,30,	705.3	4.3	2340	104.5	127.5896	23.0896	2.65	817	107.15	inf	4341.954
2340	818,2997,WPGH,40.396139036,79.830610125,30,	705.3	18.3	2340	71.7	79.6563	7.9563	-4.89	818	66.81	48.41	992.1483
2340	819,3026,WPGH,40.654396799,80.07980084,30,	705.3	18.7	2340	73.1	83.7621	10.6621	-15.51	819	57.59	57.44	803.1988
2340	820,3055,WPGH,40.577897428,80.169501067,30,	705.3	16.6	2340	73.9	115.7352	41.8352	25.73	820	99.63	inf	16600.6
302	821,14-1212,WSET,36.605239924,78.761628199,30,	211.3	110.6	302	77.7	0	-77.7	-8.43	821	69.27	21.84	2348.065
302	822,14-9402,WSET,35.911346066,78.921130553,30,	211.3	168.4	302	65.5		-65.5	-22.27	822	43.23	44.74	1728.212
316	823,16-295,WSPA,34.143634235,82.503080588,30,	175.3	115.6	316	66.2	0	-66.2	-10.12	823	56.08	34.84	1895.057
316	824,16-1425,WSPA,35.333196172,82.534703463,30,	175.3	28.5	316	72.9	68.4533	-4.4467	-26.15	824	46.75	56.07	739.5342
316	825,16-8770,WSPA,35.123705498,82.342949005,30,	175.3	6.9	316	67.9	67.07	-0.83	15.12	825	83.02	31.92	1496.607
316	826,16-10352,WSPA,34.849707661,82.400664179,30,	175.3	36.9	316	69.7	78.6715	8.9715	-11.65	826	58.05	42.55	1502.032
316	827,17-7,WSVN,26.180422132,80.279911533,30,	175.3	24.9	316	94.6	102.0971	7.4971	-12.61	827	81.99	inf	24896.67
316	828,17-15,WSVN,26.139853499,80.20221934,30,	175.3	19.5	316	97.4	105.6233	8.2233	-13.34	828	84.06	inf	19457.09
316	829,17-23,WSVN,25.697380289,80.398976274,30,	175.3	34.9	316	85.2	95.2331	10.0331	-6.08	829	79.12	inf	34902.82
316	830,17-31,WSVN,25.661431508,80.38382608,30,	175.3	37.6	316	81	93.4054	12.4054	-2.53	830	78.47	inf	37649.33
316	831,17-39,WSVN,25.803785866,80.225720975,30,	175.3	17.7	316	81.6	106.3313	24.7313	4.42	831	86.02	inf	17690.13
316	832,17-47,WSVN,25.729938544,80.255112319,30,	175.3	26.2	316	89.9	101.093	11.193	-8.33	832	81.57	inf	26237.39
316	833,17-55,WSVN,25.872833245,80.170598875,30,	175.3	10.9	316	86.4	109.6819	23.2819	11.16	833	97.56	inf	10850.53
316	834,17-63,WSVN,26.310857191,80.232869835,30,	175.3	38.5	316	88.8	92.9954	4.1954	-10.53	834	78.27	inf	38537.71
316	835,17-71,WSVN,26.250199488,80.275491281,30,	175.3	32.3	316	86.3	96.942	10.642	-6.52	835	79.78	inf	32287.72
316	836,17-79,WSVN,25.919011822,80.260921698,30,	175.3	6.9	316	110.8	111.0484	0.2484	-4.56	836	106.24	inf	6850.214
316	837,17-87,WSVN,26.012028179,80.16956851,30,	175.3	6.7	316	101.6	111.0076	9.4076	4.23	837	105.83	inf	6658.934
316	838,17-95,WSVN,25.699980043,80.363975361,30,	175.3	32.9	316	85.6	96.481	10.881	-5.99	838	79.61	inf	32925.93
316	839,17-103,WSVN,26.161982543,80.145937511,30,	175.3	22.9	316	90.1	103.5961	13.4961	-7.37	839	82.73	inf	22852.43
316	840,17-111,WSVN,25.900422239,80.168748745,30,	175.3	8.2	316	107.8	110.8941	3.0941	-5.25	840	102.55	inf	8179.802
316	841,17-119,WSVN,26.135483664,80.202389353,30,	175.3	19	316	96.3	105.8191	9.5191	-12.09	841	84.21	inf	18993.87
316	842,17-127,WSVN,25.521026609,80.396227113,30,	175.3	52.4	316	74.9	84.7594	9.8594	0.76	842	75.66	inf	52447.26
316	843,17-135,WSVN,26.098335032,80.193919146,30,	175.3	14.9	316	103.3	107.6064	4.3064	-11.92	843	91.38	inf	14897.37
316	844,17-143,WSVN,26.081625531,80.149767761,30,	175.3	14.3	316	102	107.8789	5.8789	-8.81	844	93.19	inf	14333.72
316	845,17-151,WSVN,26.263618693,80.090365575,30,	175.3	35.4	316	83.5	94.9874	11.4874	-8.28	845	75.22	25.79	657.2543
316	846,17-159,WSVN,26.165132597,80.222279935,30,	175.3	22.2	316	95.1	104.0459	8.9459	-12.13	846	82.97	inf	22236.99
316	847,17-167,WSVN,25.744288168,80.285073,30,	175.3	25.3	316	90.7	101.695	10.995	-8.86	847	81.84	inf	25334.9
316	848,17-175,WSVN,25.825865084,80.230321063,30,	175.3	15.4	316	99.4	107.4078	8.0078	-9.71	848	89.69	inf	15360.75
316	849,17-183,WSVN,25.618883243,80.423677267,30,	175.3	43.7	316	80.6	89.5529	8.9529	-3.4	849	77.2	inf	43676.35
316	850,17-191,WSVN,25.886133185,80.333253734,30,	175.3	14.7	316	77.3	107.6776	30.3776	10.34	850	87.64	inf	14738.21

316 851,17-199,WSVN,26.015428181,80.20831975,30,	175.3	5.6	316	112.9	109.9428	-2.9572	-6.23	851	106.67	inf	5566.381
316 852,17-207,WSVN,25.820295058,80.128117525,30,	175.3	17.9	316	95.7	106.2544	10.5544	-7.12	852	88.58	inf	17900.96
316 853,17-215,WSVN,26.173872113,80.150707644,30,	175.3	24	316	93.2	102.7414	9.5414	-10.89	853	82.31	inf	24004.3
316 854,17-223,WSVN,26.167712248,80.108656316,30,	175.3	24.8	316	81.5	101.9205	20.4205	0.53	854	82.03	inf	24795.64
316 855,17-231,WSVN,25.621602815,80.361935769,30,	175.3	40.8	316	73.3	91.5511	18.2511	4.48	855	77.78	inf	40787.9
316 856,17-239,WSVN,26.184431704,80.14261737,30,	175.3	25.4	316	92.8	102.7857	9.9857	-10.96	856	81.84	inf	25354.78
316 857,17-247,WSVN,25.699580116,80.377335706,30,	175.3	33.6	316	84.1	96.0743	11.9743	-4.67	857	79.43	inf	33631.54
316 858,17-255,WSVN,25.967969865,80.193369385,30,	175.3	1.8	316	103.8	126.2856	22.4856	5.19	858	108.99	inf	1786.907
316 859,17-263,WSVN,25.990869263,80.271471716,30,	175.3	6.6	316	107.1	110.9466	3.8466	-0.95	859	106.15	inf	6550.096
316 860,17-271,WSVN,26.12385426,80.27442151,30,	175.3	18.7	316	93.7	105.9233	12.2233	-9.34	860	84.36	inf	18664.32
316 861,17-279,WSVN,26.053916977,80.321202861,30,	175.3	14.7	316	76.6	107.7243	31.1243	14.53	861	91.13	inf	14652.58
316 862,17-287,WSVN,26.02576805,80.328373115,30,	175.3	13.4	316	101.5	108.3621	6.8621	-8.23	862	93.27	inf	13418.25
316 863,17-295,WSVN,25.885682788,80.173918955,30,	175.3	9.4	316	89.5	110.4018	20.9018	11.25	863	100.75	inf	9374.104
316 864,17-303,WSVN,26.028757571,80.174148629,30,	175.3	8	316	108.6	110.9391	2.3391	-4.87	864	103.73	inf	8049.581
316 865,17-311,WSVN,25.809325694,80.2383914,30,	175.3	17.3	316	96.6	106.533	9.933	-11.58	865	85.02	inf	17285
316 866,17-319,WSVN,25.8248054,80.325823767,30,	175.3	19.1	316	88	105.7709	17.7709	-3.82	866	84.18	inf	19060.51
316 867,17-327,WSVN,26.129023664,80.105716281,30,	175.3	21.1	316	82.5	103.742	21.242	0.87	867	83.37	inf	21065.08
316 868,17-335,WSVN,25.990528967,80.168618522,30,	175.3	5.2	316	110.7	117.5273	6.8273	-4.65	868	106.05	inf	5167.219
316 869,17-343,WSVN,25.750717796,80.239241631,30,	175.3	23.7	316	90.6	102.8067	12.2067	-8.18	869	82.42	inf	23688.86
316 870,17-351,WSVN,26.203721015,80.155637753,30,	175.3	27.1	316	93.4	100.8157	7.4157	-12.11	870	81.29	inf	27108.02
316 871,17-359,WSVN,26.11336482,80.374574078,30,	175.3	23.1	316	102.3	103.4089	1.1089	-19.65	871	82.65	inf	23065.46
316 872,17-367,WSVN,25.838844503,80.180829311,30,	175.3	14.1	316	99.5	107.9886	8.4886	-5.39	872	94.11	inf	14102.56
316 873,17-375,WSVN,25.665811517,80.418456921,30,	175.3	39	316	84.6	92.6591	8.0591	-6.43	873	78.17	inf	38963.77
316 874,17-383,WSVN,26.138593604,80.226020101,30,	175.3	19.4	316	96.5	105.6688	9.1688	-11.19	874	85.31	inf	19358.23
316 875,17-391,WSVN,25.825575063,80.216590587,30,	175.3	15.3	316	101.8	107.4407	5.6407	-10.38	875	91.42	inf	15291.9
316 876,17-399,WSVN,25.725658717,80.261622525,30,	175.3	26.9	316	63.3	100.6156	37.3156	18.06	876	81.36	inf	26861.55
316 877,17-407,WSVN,25.604773227,80.328495076,30,	175.3	41.5	316	82.1	90.5012	8.4012	-4.46	877	77.64	inf	41508.27
316 878,17-415,WSVN,25.828134895,80.182799407,30,	175.3	15.2	316	89.5	107.4464	17.9464	1.22	878	90.72	inf	15229.02
316 879,17-423,WSVN,26.296267509,80.098295725,30,	175.3	38.5	316	83.8	91.8626	8.0626	-5.53	879	78.27	inf	38524.27
316 880,17-431,WSVN,25.849334253,80.235051148,30,	175.3	12.8	316	102.8	108.6429	5.8429	-8.5	880	94.3	inf	12836.86
316 881,17-439,WSVN,25.820215229,80.20411017,30,	175.3	15.8	316	97.9	107.157	9.257	-10.97	881	86.93	inf	15844.87
316 882,17-447,WSVN,25.893082657,80.224820655,30,	175.3	7.9	316	110	110.9786	0.9786	-4.33	882	105.67	inf	7859.243
316 883,17-455,WSVN,25.958460102,80.159278293,30,	175.3	5.2	316	111	117.4271	6.4271	-4.62	883	106.38	inf	5181.96
316 884,17-463,WSVN,25.888062666,80.160778505,30,	175.3	9.7	316	76.7	110.2247	33.5247	18.1	884	94.8	inf	9709.554
316 885,17-471,WSVN,26.127013857,80.153017793,30,	175.3	19	316	76	105.8324	29.8324	8.22	885	84.22	inf	18969.78
316 886,17-479,WSVN,25.717579664,80.423176802,30,	175.3	34.5	316	77.2	94.4738	17.2738	2.02	886	79.22	inf	34479.88
316 887,17-487,WSVN,26.01652806,80.184138971,30,	175.3	6.4	316	112.6	110.849	-1.751	-6.36	887	106.24	inf	6356.583
316 888,17-495,WSVN,25.937210899,80.167448612,30,	175.3	5.2	316	108.8	117.3437	8.5437	-2.48	888	106.32	inf	5249.624
316 889,17-503,WSVN,26.001848638,80.192929278,30,	175.3	4.5	316	108	118.6253	10.6253	-2.87	889	105.13	inf	4463.011
316 890,17-511,WSVN,26.161982543,80.145937511,30,	175.3	22.9	316	90.1	103.5961	13.4961	-7.37	890	82.73	inf	22852.43
316 891,17-519,WSVN,26.243529428,80.090115616,30,	175.3	33.2	316	79.5	96.325	16.825	0.04	891	79.54	inf	33207.1
316 892,17-527,WSVN,25.838894617,80.230921041,30,	175.3	13.9	316	98.1	108.0982	9.9982	-5.75	892	92.35	inf	13874.09
316 893,17-535,WSVN,26.029477857,80.294022211,30,	175.3	10.8	316	105.7	109.6727	3.9727	-7.15	893	98.55	inf	10800.36
316 894,17-543,WSVN,25.820465235,80.210990408,30,	175.3	15.8	316	93.4	107.1787	13.7787	-4.46	894	88.94	inf	15849.33
316 895,17-551,WSVN,25.748888546,80.427526774,30,	175.3	32.1	316	87.1	96.33	9.23	-7.26	895	79.84	inf	32085.27
316 896,17-559,WSVN,25.74649822,80.318913887,30,	175.3	26.3	316	93.1	101.0421	7.9421	-11.55	896	81.55	inf	26282.56
316 897,17-567,WSVN,26.253259227,80.185968624,30,	175.3	32.1	316	87.2	97.0852	9.8852	-7.38	897	79.82	inf	32132.38
316 898,17-575,WSVN,25.594243918,80.385216477,30,	175.3	44.4	316	81.7	89.3696	7.6696	-4.64	898	77.06	inf	44446.68
316 899,17-583,WSVN,25.743578688,80.414276445,30,	175.3	31.6	316	87.4	96.4461	9.0461	-7.44	899	79.96	inf	31613.17
316 900,17-591,WSVN,26.168372606,80.291391845,30,	175.3	24	316	87.5	102.7833	15.2833	-5.18	900	82.32	inf	23971.81
316 901,17-599,WSVN,25.572814707,80.389126682,30,	175.3	46.9	316	82.5	87.9255	5.4255	-5.89	901	76.61	inf	46860.23
316 902,17-607,WSVN,26.208821004,80.248430687,30,	175.3	27.4	316	88.4	100.3342	11.9342	-7.2	902	81.2	inf	27374.05
316 903,17-615,WSVN,25.821955268,80.249961757,30,	175.3	16.1	316	99.6	107.0483	7.4483	-10.35	903	89.25	inf	16116.53

316 904,17-623,WSVN,26.294517582,80.103615895,30,	175.3	38.2	316	107.2	92.6461	-14.5539	-28.85	904	78.35	inf	38186.63
316 905,17-631,WSVN,25.897892298,80.156778348,30,	175.3	9.1	316	97.4	110.5432	13.1432	3.1	905	100.5	inf	9078.581
316 906,17-639,WSVN,25.933531278,80.249761351,30,	175.3	5	316	110.3	117.8173	7.5173	-4.44	906	105.86	inf	4976.209
316 907,17-647,WSVN,25.584784412,80.412177155,30,	175.3	46.5	316	83.2	88.0968	4.8968	-6.54	907	76.66	inf	46549.91
316 908,17-655,WSVN,25.75210768,80.201140263,30,	175.3	23.4	316	74.1	102.6413	28.5413	8.41	908	82.51	inf	23441.33
316 909,17-663,WSVN,25.665031251,80.357205396,30,	175.3	36.1	316	84.7	94.4227	9.7227	-5.88	909	78.82	inf	36118.56
316 910,17-671,WSVN,26.005818583,80.220480158,30,	175.3	4.6	316	109.7	118.426	8.726	-4.42	910	105.28	inf	4626.614
316 911,17-679,WSVN,25.733048493,80.268922658,30,	175.3	26.2	316	88.5	101.0309	12.5309	-6.91	911	81.59	inf	26175.93
316 912,17-687,WSVN,26.090955343,80.206289554,30,	175.3	14	316	100.1	108.0522	7.9522	-6.38	912	93.72	inf	13993.75
316 913,17-695,WSVN,25.814785474,80.227060986,30,	175.3	16.5	316	95.9	106.8603	10.9603	-7.15	913	88.75	inf	16482.06
316 914,17-703,WSVN,25.967510066,80.251041263,30,	175.3	3.8	316	102.4	120.0481	17.6481	3.44	914	105.84	inf	3849.143
316 915,17-711,WSVN,26.203721015,80.155637753,30,	175.3	27.1	316	93.4	100.8157	7.4157	-12.11	915	81.29	inf	27108.02
316 916,17-719,WSVN,26.167712248,80.108656316,30,	175.3	24.8	316	81.5	101.9205	20.4205	0.53	916	82.03	inf	24795.64
316 917,17-727,WSVN,25.873453238,80.17667908,30,	175.3	10.5	316	102.6	109.8262	7.2262	-2.66	917	99.94	inf	10526.29
316 918,17-735,WSVN,25.991039128,80.221810241,30,	175.3	3	316	98.3	121.9141	23.6141	9.97	918	108.27	inf	3040.222
316 919,17-743,WSVN,25.996028962,80.22570035,30,	175.3	3.7	316	101.7	120.284	18.584	4.56	919	106.26	inf	3664.975
316 920,17-751,WSVN,26.083795869,80.333823114,30,	175.3	18	316	83.6	106.2543	22.6543	1.09	920	84.69	inf	17958.32
316 921,17-759,WSVN,25.936891324,80.329123434,30,	175.3	12	316	95.1	109.0875	13.9875	-1	921	94.1	inf	11991.02
316 922,17-767,WSVN,26.064556277,80.187589001,30,	175.3	11.3	316	95.4	109.4235	14.0235	2.21	922	97.61	inf	11341.48
316 923,17-775,WSVN,25.951480653,80.258121507,30,	175.3	4.7	316	109.3	118.2665	8.9665	-3.78	923	105.52	inf	4714.182
316 924,17-783,WSVN,25.60383346,80.364625938,30,	175.3	42.7	316	83.7	90.3724	6.6724	-6.31	924	77.39	inf	42740.52
316 925,17-791,WSVN,26.167712248,80.108656316,30,	175.3	24.8	316	81.5	101.9205	20.4205	0.53	925	82.03	inf	24795.64
316 926,17-799,WSVN,25.679640529,80.312814187,30,	175.3	33.1	316	87.4	96.4403	9.0403	-7.83	926	79.57	inf	33098.34
316 927,78,WTVD,36.006251475,78.431820657,30,	199.3	38.6	316	90.3	99.6074	9.3074	-7.97	927	82.33	inf	38562.39
316 928,204,WTVD,36.110846826,78.650124965,30,	199.3	50.2	316	88.2	89.7817	1.5817	-12.27	928	75.93	inf	50208.19
316 929,330,WTVD,35.40920166,78.033631105,30,	199.3	53.4	316	86.9	96.0873	9.1873	-11.49	929	75.41	inf	53431.16
316 930,18-456,WTVD,35.41016159,77.965308335,30,	199.3	58.7	316	83.4	93.0013	9.6013	-8.78	930	74.62	inf	58666.31
316 931,582,WTVD,35.018914945,78.833005727,30,	199.3	77	316	70.8	81.4197	10.6197	1.57	931	72.37	inf	77039.82
316 932,960,WTVD,35.492360385,78.72383683,30,	199.3	26	316	66.3	64.3225	-1.9775	24.02	932	90.32	inf	25967.08
316 933,18-1086,WTVD,35.5859615,77.347486265,30,	199.3	107.4	316	77	88.4255	11.4255	-7.3	933	69.7	inf	107393.5
316 934,18-1212,WTVD,36.123137204,79.33434147,30,	199.3	88.1	316	53.4	0	-53.4	2.08	934	55.48	37.71	7080.141
316 935,1338,WTVD,35.118613065,78.904148259,30,	199.3	69.7	316	90.5	98.5461	8.0461	-17.32	935	73.18	inf	69689.33
316 936,1464,WTVD,36.605239924,78.761628199,30,	199.3	106.1	316	81.1	91.2774	10.1774	-12	936	69.1	22.61	2786.658
316 937,1590,WTVD,35.833449352,78.83602899,30,	199.3	32.9	316	61.4	67.1004	5.7004	24.14	937	85.54	inf	32856.29
316 938,1716,WTVD,35.716927857,77.879774828,30,	199.3	59.1	316	94.2	100.9797	6.7797	-19.64	938	74.56	inf	59093.18
316 939,1842,WTVD,36.20135242,77.715097851,30,	199.3	94.4	316	61.9	81.8631	19.9631	8.8	939	70.7	inf	94420.94
316 940,1968,WTVD,35.944649265,78.636325204,30,	199.3	32	316	65.7	77.0315	11.3315	19.26	940	84.96	inf	32020.02
316 941,2094,WTVD,34.966064222,78.938569719,30,	199.3	86.2	316	68.7	62.1687	-6.5313	3.22	941	71.92	21.52	1982.159
316 942,2220,WTVD,35.023973437,79.014811916,30,	199.3	83.8	316	70.5	62.8892	-7.6108	1.15	942	71.65	inf	83793.61
316 943,2346,WTVD,36.178795604,79.437354418,30,	199.3	99.2	316	68.7	90.8141	22.1141	1.51	943	70.21	inf	99175.11
316 944,2472,WTVD,35.523938389,79.700753997,30,	199.3	106.7	316	79.3	101.6046	22.3046	-9.66	944	69.64	inf	106732
316 945,2598,WTVD,36.111339458,78.458231011,30,	199.3	49.6	316	70.8	69.4203	-1.3797	5.23	945	76.03	inf	49625.8
316 946,2724,WTVD,35.893249301,78.703526517,30,	199.3	29.3	316	87.7	95.5525	7.8525	-0.54	946	87.16	inf	29304.66
316 947,2850,WTVD,34.935006448,78.774253266,30,	199.3	84.3	316	84.2	92.2858	8.0858	-12.57	947	71.63	inf	84305.7
316 948,2976,WTVD,35.390761969,78.082213063,30,	199.3	51	316	75.4	73.5194	-1.8806	0.35	948	75.75	inf	50981.54
316 949,3228,WTVD,35.71715784,77.916106234,30,	199.3	55.9	316	80.5	102.6414	22.1414	-5.47	949	75.03	inf	55862.94
316 950,3354,WTVD,35.775457765,77.599095364,30,	199.3	85	316	67.5	61.1392	-6.3608	4.06	950	71.56	inf	85000.57
316 951,3480,WTVD,35.167551631,78.993860608,30,	199.3	69.5	316	72.1	67.6132	-4.4868	1.11	951	73.21	inf	69459.85
316 952,18-3606,WTVD,35.770951653,78.779928018,30,	199.3	25	316	60.1	97.3416	37.2416	29.51	952	89.61	inf	24984.01
316 953,3732,WTVD,34.894464476,79.180956248,30,	199.3	104.1	316	76.8	91.3578	14.5578	-14.56	953	62.24	29.65	5976.649
316 954,3858,WTVD,35.254157415,79.276449062,30,	199.3	81.5	316	78.8	85.5494	6.7494	-6.93	954	71.87	inf	81479.05
316 955,3984,WTVD,35.466360907,78.160216382,30,	199.3	40.4	316	80	96.9456	16.9456	0.47	955	80.47	inf	40382.16
316 956,4110,WTVD,35.162464242,78.725842779,30,	199.3	58.8	316	88.7	90.2709	1.5709	-14.1	956	74.6	inf	58753.35

316 957,4236,WTVD,35.352852307,78.005480018,30,	199.3	59.1	316	83.3	83.389	0.089	-8.74	957	74.56	inf	59131.74
316 958,4362,WTVD,36.046550652,78.458601238,30,	199.3	42.5	316	65.9	37.0154	-28.8846	14.71	958	80.61	inf	42455.63
316 959,4488,WTVD,36.202444675,78.731926274,30,	199.3	61.9	316	65.3	58.4328	-6.8672	8.86	959	74.16	inf	61948.85
316 960,4614,WTVD,36.20984687,78.542522495,30,	199.3	60.1	316	87.1	103.2342	16.1342	-12.69	960	74.41	inf	60142.16
316 961,4740,WTVD,35.121357875,79.444757533,30,	199.3	102.5	316	100.2	102.2433	2.0433	-35.79	961	64.41	27.57	6601.759
316 962,4866,WTVD,35.2485542,79.53665375,30,	199.3	102.1	316	84.1	101.2535	17.1535	-14.11	962	69.99	inf	102073.8
316 963,4992,WTVD,35.733652795,78.770228523,30,	199.3	22.5	316	76.1	90.2709	14.1709	14.87	963	90.97	inf	22534.29
316 964,5118,WTVD,35.832753989,78.316619807,30,	199.3	26.6	316	68.2	59.5201	-8.6799	21.11	964	89.31	inf	26595.5
316 965,5244,WTVD,35.411161501,78.662836523,30,	199.3	30.8	316	82.5	84.6796	2.1796	5.42	965	87.92	inf	30764.77
316 966,5370,WTVD,36.202444675,78.731926274,30,	199.3	61.9	316	76.8	93.0212	16.2212	-2.64	966	74.16	inf	61948.85
316 967,5496,WTVD,34.988366375,79.222155261,30,	199.3	98	316	58.9	63.488	4.588	2.28	967	61.18	31.18	8188.88
316 968,5622,WTVD,35.363682128,77.96097815,30,	199.3	61.7	316	81.9	90.8528	8.9528	-7.71	968	74.19	inf	61744.22
316 969,5748,WTVD,35.391731768,77.915116271,30,	199.3	63.6	316	83.6	83.368	-0.232	-9.67	969	73.93	inf	63637.77
316 970,5874,WTVD,35.189956711,79.473254874,30,	199.3	100.4	316	83	84.6065	1.6065	-11.8	970	71.2	20.93	1254.084
316 971,6000,WTVD,35.145461817,79.016850957,30,	199.3	72.7	316	63.1	63.204	0.104	9.71	971	72.81	inf	72747.79
316 972,6126,WTVD,35.035066223,78.698340008,30,	199.3	71.9	316	59.8	59.3857	-0.4143	13.14	972	72.94	inf	71870.18
316 973,6252,WTVD,35.364832113,77.959638094,30,	199.3	61.7	316	62.6	69.6308	7.0308	11.59	973	74.19	inf	61714.18
316 974,6378,WTVD,36.027848653,79.283249279,30,	199.3	78.5	316	82	83.4743	1.4743	-33.09	974	48.91	45.25	1726.891
316 975,6504,WTVD,36.034356588,79.443562884,30,	199.3	91.6	316	64.2	59.5201	-4.6799	-4.76	975	59.44	33.44	7072.65
316 976,6630,WTVD,36.076740648,79.08953454,30,	199.3	67.5	316	67	65.8801	-1.1199	8.46	976	75.46	19.96	1918.929
316 977,18-6756,WTVD,36.201348072,78.413219654,30,	199.3	60.1	316	64.6	72.0219	7.4219	9.8	977	74.4	inf	60109.47
316 978,6882,WTVD,34.988366375,79.222155261,30,	199.3	98	316	75.7	76.8364	1.1364	-14.52	978	61.18	31.18	8188.88
316 979,7008,WTVD,35.038733727,79.06473235,30,	199.3	84.9	316	97.4	101.0838	3.6838	-25.86	979	71.54	inf	84929.38
316 980,7134,WTVD,35.895881295,79.236617798,30,	199.3	68.3	316	60.9	56.3548	-4.5452	6.53	980	67.43	27.91	1581.094
316 981,7260,WTVD,34.98606926,78.521929864,30,	199.3	75.7	316	92.5	99.523	7.023	-19.99	981	72.51	inf	75710.06
316 982,7386,WTVD,35.387762408,78.471228751,30,	199.3	31.5	316	67.6	63.6205	-3.9795	18.72	982	86.32	inf	31547.58
316 983,7512,WTVD,36.422938721,79.334142382,30,	199.3	110.5	316	55.4	37.0154	-18.3846	0.47	983	55.87	35.47	13429.15
316 984,7638,WTVD,36.016851139,78.477821849,30,	199.3	39	316	78.4	88.7904	10.3904	2.12	984	80.52	inf	38951.02
316 985,7764,WTVD,34.801163909,78.973251847,30,	199.3	104.3	316	60.9	67.2365	6.3365	9	985	69.9	inf	104295.1
316 986,7890,WTVD,35.121357875,79.444757533,30,	199.3	102.5	316	60.6	0	-60.6	3.81	986	64.41	27.57	6601.759
316 987,8142,WTVD,36.137184959,78.751936863,30,	199.3	55.7	316	75.9	96.5133	20.6133	-0.85	987	75.05	inf	55656.01
316 988,8268,WTVD,35.022923508,78.976190892,30,	199.3	82.1	316	73.2	100.9797	27.7797	-14.3	988	58.9	34.92	2452.855
316 989,8394,WTVD,36.446750626,77.671402023,30,	199.3	116	316	72.8	66.3148	-6.4852	-19.32	989	53.48	37.59	14968.54
316 990,8520,WTVD,35.465153877,79.177344124,30,	199.3	62.4	316	64.3	79.7181	15.4181	10.2	990	74.5	21.57	2239.841
316 991,8646,WTVD,35.679752294,78.936733582,30,	199.3	36.4	316	56.7	60.8751	4.1751	27.09	991	83.79	inf	36449.36
316 992,8772,WTVD,35.944649265,78.636325204,30,	199.3	32	316	75.7	102.5539	26.8539	9.26	992	84.96	inf	32020.02
316 993,8898,WTVD,35.656646899,79.818186858,30,	199.3	116	316	90.2	95.922	5.722	-34.81	993	55.39	35.54	12453.32
316 994,9024,WTVD,35.308354908,79.392149459,30,	199.3	87.4	316	66.4	69.2465	2.8465	4.87	994	71.27	inf	87419.71
316 995,9150,WTVD,34.985706407,79.228445407,30,	199.3	98.6	316	88	101.8442	13.8442	-35.63	995	52.37	39.95	7934.606
316 996,9276,WTVD,35.758391863,78.791608238,30,	199.3	25.4	316	57.7	0	-57.7	32.17	996	89.87	inf	25368.79
316 997,18-9402,WTVD,35.911346066,78.921130553,30,	199.3	44.2	316	53.9	59.9753	6.0753	25.06	997	78.96	inf	44187.6
316 998,9528,WTVD,36.125250989,79.037413099,30,	199.3	68.1	316	65.9	65.3154	-0.5846	7.74	998	73.64	21.7	1238.318
316 999,9654,WTVD,35.722752355,78.839630183,30,	199.3	28.3	316	85.2	95.894	10.694	2.49	999	87.69	inf	28300.8
316 1000,9780,WTVD,36.446750626,77.671402023,30,	199.3	116	316	94	94.0623	0.0623	-40.52	1000	53.48	37.59	14968.54
316 1001,9906,WTVD,36.501340404,79.169637759,30,	199.3	108.8	316	88.6	87.2424	-1.3576	-34.4	1001	54.2	37.28	20096.56
316 1002,10032,WTVD,36.076166858,79.395942312,30,	199.3	89.9	316	79.6	97.051	17.451	-15.98	1002	63.62	29.4	6594.89
316 1003,10158,WTVD,35.400061717,77.979308906,30,	199.3	58.1	316	96.7	102.0644	5.3644	-22.01	1003	74.69	inf	58136.97
316 1004,10284,WTVD,35.218965285,78.429827494,30,	199.3	50.6	316	64.8	82.9078	18.1078	11	1004	75.8	inf	50637.03
316 1005,10410,WTVD,35.380761988,78.014810364,30,	199.3	56.6	316	80.7	101.285	20.585	-5.77	1005	74.93	inf	56597.02
316 1006,10536,WTVD,35.448831152,78.005489924,30,	199.3	53.5	316	68.2	67.4361	-0.7639	7.2	1006	75.4	inf	53479.95
316 1007,10662,WTVD,35.555159379,78.262320595,30,	199.3	27.4	316	71	96.2983	25.2983	18.39	1007	89.39	inf	27366.34
316 1008,10788,WTVD,35.404396095,79.101765292,30,	199.3	59.1	316	69.7	82.7612	13.0612	4.83	1008	74.53	inf	59134.52
316 1009,10914,WTVD,35.91139902,78.695486344,30,	199.3	30.7	316	61.3	64.7084	3.4084	24.29	1009	85.59	inf	30674.68

316	1010,11040,WTVD,35.821256763,77.699598122,30,	199.3	77	316	68.3	72.6742	4.3742	4.08	1010	72.38	inf	76986.25
316	1011,11166,WTVD,34.952864305,78.934249595,30,	199.3	87.4	316	73.2	65.3046	-7.8954	-1.88	1011	71.32	inf	87370.45
316	1012,11292,WTVD,35.056053322,78.95487,30,	199.3	78	316	65.9	60.7033	-5.1967	6.34	1012	72.24	inf	77983.08
316	1013,11418,WTVD,35.584161445,77.370986945,30,	199.3	105.3	316	100.2	103.1345	2.9345	-40.39	1013	59.81	32.06	8619.473
316	1014,11544,WTVD,35.90540095,79.247128065,30,	199.3	69.5	316	61.6	60.2815	-1.3185	1.28	1014	62.88	32.3	9070.018
316	1015,11670,WTVD,35.097733098,78.92674897,30,	199.3	72.7	316	79.6	87.3837	7.7837	-5.78	1015	73.82	21.01	1451.787
316	1016,11796,WTVD,36.036539054,79.244738504,30,	199.3	76.1	316	86.4	94.0623	7.6623	-17.82	1016	68.58	25.83	1159.107
316	1017,11922,WTVD,35.708953391,78.654327301,30,	199.3	11.8	316	77.1	80.6624	3.5624	27.01	1017	104.11	inf	11831.58
316	1018,12048,WTVD,34.805763195,79.166357376,30,	199.3	111.7	316	94.2	104.2114	10.0114	-32.67	1018	61.53	29.9	1493.308
316	1019,12300,WTVD,36.151402678,78.904699962,30,	199.3	63.2	316	66.5	61.9801	-4.5199	7.5	1019	74	inf	63170.18
316	1020,12426,WTVD,35.218965285,78.429827494,30,	199.3	50.6	316	81.2	67.4361	-13.7639	-5.4	1020	75.8	inf	50637.03
316	1021,12552,WTVD,35.00496408,78.939249614,30,	199.3	82.3	316	69	67.1004	-1.8996	2.8	1021	71.8	inf	82326.64
316	1022,12678,WTVD,35.549358714,78.671033116,30,	199.3	18.1	316	56.9	64.9703	8.0703	39.62	1022	96.52	inf	18135.82
316	1023,18-12804,WTVD,35.330962426,78.685439421,30,	199.3	39.9	316	55.9	67.1004	11.2004	0.71	1023	56.61	43.18	1326.366
316	1024,12930,WTVD,34.811263333,79.07555494,30,	199.3	107.2	316	62.8	61.6291	-1.1709	6.88	1024	69.68	inf	107176.9
316	1025,13056,WTVD,35.821256763,77.699598122,30,	199.3	77	316	69.9	103.3614	33.4614	2.48	1025	72.38	inf	76986.25
316	1026,13182,WTVD,36.20135242,77.715097851,30,	199.3	94.4	316	61.6	68.33	6.73	9.1	1026	70.7	inf	94420.94
316	1027,19-981,WUSA,39.115295976,77.55250235,30,	187.3	44.7	316	74	59.4581	-14.5419	3.18	1027	77.18	21.79	2344.339
316	1028,19-1056,WUSA,38.919331327,77.07384997,30,	187.3	3.3	316	73.5	102.2659	28.7659	33.87	1028	107.37	inf	3331.231
316	1029,19-1131,WUSA,38.701345429,77.219174454,30,	187.3	30.1	316	74.2	74.0949	-0.1051	2.26	1029	76.46	25.93	5491.097
316	1030,19-1356,WUSA,39.087707352,77.407949009,30,	187.3	32.1	316	74.9	76.574	1.674	4.91	1030	79.81	inf	32135.15
316	1031,19-1431,WUSA,39.009249283,77.384268486,30,	187.3	27	316	70.7	73.3894	2.6894	6.78	1031	77.48	25.82	3374.553
316	1032,19-1506,WUSA,38.873361958,77.175822667,30,	187.3	11.9	316	99.5	89.4069	-10.0931	-4.5	1032	95	inf	11873.71
316	1033,19-1731,WUSA,38.929941184,77.044579307,30,	187.3	3.7	316	87.1	101.5774	14.4774	22.35	1033	109.45	inf	3674.354
316	1034,19-1881,WUSA,39.042959145,77.091640573,30,	187.3	10.3	316	86.1	91.8099	5.7099	11.3	1034	97.4	inf	10256.32
316	1035,19-2106,WUSA,38.910111229,77.254524319,30,	187.3	15.7	316	76.7	87.9297	11.2297	11.21	1035	87.91	20.08	1295.512
316	1036,19-2481,WUSA,38.913901397,77.090300359,30,	187.3	4	316	81.2	92.7257	11.5257	27.52	1036	108.72	inf	4024.166
316	1037,19-2631,WUSA,39.302621917,77.545940302,30,	187.3	56	316	62.9	0	-62.9	2.84	1037	65.74	31.31	852.4273
316	1038,19-3606,WUSA,38.832212972,77.006648066,30,	187.3	14.4	316	77.9	89.3279	11.4279	9.32	1038	87.22	21.42	609.6616
316	1039,19-3831,WUSA,38.914611291,77.153261836,30,	187.3	7.4	316	88.5	93.6173	5.1173	15.55	1039	104.05	inf	7420.459
316	1040,19-4356,WUSA,38.852612773,77.416649813,30,	187.3	31	316	67.5	70.2623	2.7623	8.29	1040	75.79	26.32	2833.776
316	1041,19-4431,WUSA,38.815182805,77.249395306,30,	187.3	20.9	316	85.5	81.3081	-4.1919	-0.65	1041	84.85	inf	20907.68
316	1042,19-4731,WUSA,39.034419322,77.06595002,30,	187.3	9.3	316	77	92.4144	15.4144	21.96	1042	98.96	inf	9318.569
316	1043,19-5856,WUSA,39.491575596,76.738186988,30,	187.3	66.8	316	41.3	0	-41.3	32.95	1043	74.25	21.31	397.162
316	1044,19-6006,WUSA,38.902011751,76.99604807,30,	187.3	8.9	316	66.8	92.6887	25.8887	35.22	1044	102.02	inf	8873.892
316	1045,19-6081,WUSA,38.984740158,77.09740038,30,	187.3	4	316	99.7	100.809	1.109	8.46	1045	108.16	inf	4001.895
316	1046,19-6681,WUSA,38.909361554,77.038889142,30,	187.3	5.7	316	78.3	94.2705	15.9705	31	1046	109.3	inf	5662.966
316	1047,19-7806,WUSA,38.828222607,77.23922485,30,	187.3	19.3	316	74.6	82.5396	7.9396	11.53	1047	86.13	inf	19279.22
166	1048,20-68,WWCP,40.35552942,79.884211264,30,	181.3	65.1	166	58.1	59.7896	1.6896	8.03	1048	66.13	26.78	5685.042
166	1049,20-416,WWCP,40.020634313,79.888389205,30,	181.3	65.1	166	49.4	0	-49.4	3.57	1049	52.97	39.94	1840.087
166	1050,20-532,WWCP,40.295139873,80.095577004,30,	181.3	81.1	166	48.7	49.8641	1.1641	-1.5	1050	47.2	43.84	1408.228
166	1051,20-590,WWCP,40.279779557,79.545331977,30,	181.3	35.1	166	41.6	60.3067	18.7067	27.17	1051	68.77	29.46	15541.27
166	1052,20-735,WWCP,40.33315001,79.300277331,30,	181.3	21	166	41.9	47.8235	5.9235	22.56	1052	64.46	38.22	2037.597
166	1053,20-822,WWCP,40.327879076,79.619704305,30,	181.3	42.9	166	41.9	50.4234	8.5234	30.33	1053	72.23	24.27	2130.625
166	1054,20-909,WWCP,40.584975676,79.560616479,30,	181.3	56.6	166	30	43.9372	13.9372	23.37	1054	53.37	40.75	1883.633
166	1055,20-938,WWCP,40.373309397,80.063476579,30,	181.3	80.2	166	48.5	40.6144	-7.8856	-12.42	1055	36.08	55.06	1409.081
166	1056,20-1112,WWCP,40.17584113,80.250492612,30,	181.3	93.3	166	34.9	0	-34.9	19.1	1056	54	35.86	1292.956
166	1057,20-1257,WWCP,40.448149026,79.951234067,30,	181.3	74	166	58.9	42.7177	-16.1823	10.75	1057	69.65	22.17	3389.435
166	1058,20-1431,WWCP,40.613766251,79.182177822,30,	181.3	48	166	74.1	53.9655	-20.1345	-1.08	1058	73.02	22.49	4018.233
166	1059,20-1460,WWCP,40.902634039,79.893356704,30,	181.3	101.7	166	24.9	0	-24.9	45.69	1059	70.59	18.55	1235.114
166	1060,20-1866,WWCP,40.466168838,80.066847332,30,	181.3	83.7	166	51.4	52.048	0.648	4.02	1060	55.42	35.36	1904.37
166	1061,20-2011,WWCP,40.363439469,80.052976207,30,	181.3	79.1	166	75.4	39.1165	-36.2835	-33.26	1061	42.14	49.11	1364.657
166	1062,20-2156,WWCP,40.16080176,79.884799779,30,	181.3	62.3	166	49.8	44.7621	-5.0379	9.84	1062	59.64	33.66	3063.366

166	1063,20-2214,WWCP,40.627405546,79.604127855,30,	181.3	62.5	166	40.5	43.4664	2.9664	10.29	1063	50.79	42.46	1517.14
166	1064,20-2417,WWCP,40.212741029,79.77144639,30,	181.3	52.7	166	47.7	42.6371	-5.0629	27.17	1064	74.87	19.85	1553.42
166	1065,20-2591,WWCP,40.762035448,80.00702208,30,	181.3	96.9	166	47.1	0	-47.1	9.87	1065	56.97	32.57	1294.74
166	1066,20-2649,WWCP,39.875576209,79.978297935,30,	181.3	78.1	166	53.4	37.5559	-15.8441	-1.52	1066	51.88	39.48	4046.117
166	1067,20-2707,WWCP,40.130221571,80.253313274,30,	181.3	93.8	166	40.9	0	-40.9	0.58	1067	41.48	48.33	1286.694
166	1068,20-2910,WWCP,40.201700916,79.92390129,30,	181.3	65.6	166	47.7	37.366	-10.334	9.42	1068	57.12	35.74	2017.001
4070	1069,6-1,WBOC,38.738915081,75.956199528,30,	483.3	37.6	4070	83.4	85.6049	2.2049	6.2	1069	89.6	inf	37561.59

100	411,7-1425,WBTV,35.333196172,82.534703463,30,	61.25	122.2	100	0	0	0
100	471,8657,WBTV,36.327703644,81.821695944,30,	61.25	121.3	100	0	0	0
316	637,12-1956,WJZ,40.080055207,76.736819775,30,	211.3	83.1	316	0	0	0
316	700,12-6681,WJZ,38.909361554,77.038889142,30,	211.3	57.9	316	0	67.6672	67.6672

copy columns D to P to AH to AT

sps	saalosv	mpath	EC	strmode
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0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	1.52	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	3.55	0	2_Hrzn_Diff
0	0	1.76	0	2_Hrzn_Diff
0	0	1.11	0	L-o-S
0	0	1.04	0	L-o-S
0	0	0.44	0	L-o-S
0	0	1.74	0	L-o-S
0	0	0.26	0	L-o-S
0	0	0.21	0	L-o-S
0	0	0	0	L-o-S
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0	0	0	0	L-o-S
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0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	0.94	0	L-o-S
0	0	2.32	0	L-o-S
0	0	0.13	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	2.89	0	L-o-S
0	0	0.09	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	0	0	L-o-S
0	0	1.23	0	L-o-S
0	0	0.28	0	L-o-S
0	0	3.03	0	L-o-S
0	0	1.76	0	L-o-S
0	0	0.2	0	L-o-S

FCC OET73

Free Space Fld	Import txt file									
110.1	Load HERE–>	1	95.69	inf	15512.781	0	0	0	0	L-o-S
110.6		2	96.58	inf	14603.7904	0	0	0	0	L-o-S
111.4		3	97.45	inf	13425.9808	0	0	0	0	L-o-S
110.0		4	95.79	inf	15591.5628	0	0	0	0	L-o-S
111.6		5	98.03	inf	13105.6472	0	0	0	0	L-o-S
109.9		6	95.55	inf	15810.8183	0	0	1.52	0	L-o-S
110.4		7	95.99	inf	14988.7844	0	0	0	0	L-o-S
110.9		8	96.77	inf	14246.0403	0	0	0	0	L-o-S
95.4		9	52.18	43.4	538.7205	0	0	3.55	0	2_Hrzn_Diff
95.5		10	34.55	61.09	692.1641	0	0	1.76	0	2_Hrzn_Diff
100.8		11	78.9	inf	44961.4293	0	0	1.11	0	L-o-S
100.4		12	78.47	inf	47271.157	0	0	1.04	0	L-o-S
100.7		13	78.72	inf	45899.192	0	0	0.44	0	L-o-S
100.4		14	78.5	inf	47109.2287	0	0	1.74	0	L-o-S
100.5		15	78.6	inf	46585.2998	0	0	0.26	0	L-o-S
100.6		16	78.65	inf	46294.1486	0	0	0.21	0	L-o-S
122.1		17	99.04	inf	3898.8088	0	0	0	0	L-o-S
124.4		18	100.96	inf	3049.3161	0	0	0	0	L-o-S
120.8		19	98.63	inf	4491.6965	0	0	0	0	L-o-S
111.8		20	97.73	inf	12763.7227	0	0	0	0	L-o-S
121.9		21	99.12	inf	4012.0092	0	0	0	0	L-o-S
109.1		22	92.42	inf	17273.3479	0	0	0.91	0	L-o-S
109.9		23	95.56	inf	15767.176	0	0	0	0	L-o-S
111.0		24	96.8	inf	14034.2822	0	0	0	0	L-o-S
112.0		25	97.73	inf	12520.411	0	0	0	0	L-o-S
113.1		26	98.71	inf	11005.2396	0	0	0	0	L-o-S
109.0		27	93.59	inf	17720.0012	0	0	4.77	0	L-o-S
112.8		28	98.66	inf	11319.0311	0	0	0	0	L-o-S
110.7		29	96.54	inf	14461.4866	0	0	1.13	0	L-o-S
123.5		30	99.9	inf	3300.0193	0	0	0	0	L-o-S
109.9		31	95.58	inf	15827.0024	0	0	0.56	0	L-o-S
108.9		32	92.18	inf	17891.1996	0	0	3.31	0	L-o-S
109.7		33	94.99	inf	16174.1568	0	0	0.01	0	L-o-S
110.4		34	96.41	inf	14858.4831	0	0	0	0	L-o-S
111.0		35	96.72	inf	13999.6892	0	0	0	0	L-o-S
112.6		36	98.67	inf	11648.7639	0	0	0.94	0	L-o-S
108.7		37	93.2	inf	18329.2475	0	0	2.32	0	L-o-S
109.5		38	92.93	inf	16741.7543	0	0	0.13	0	L-o-S
112.2		39	97.73	inf	12222.6139	0	0	0	0	L-o-S
111.1		40	97.15	inf	13830.1439	0	0	0	0	L-o-S
110.1		41	95.84	inf	15453.2285	0	0	2.89	0	L-o-S
108.3		42	92.71	inf	19149.108	0	0	0.09	0	L-o-S
109.1		43	92.74	inf	17363.94	0	0	0	0	L-o-S
109.8		44	95.42	inf	16025.4091	0	0	0	0	L-o-S
110.6		45	96.6	inf	14602.7855	0	0	0	0	L-o-S
113.0		46	99.03	inf	11099.6434	0	0	0	0	L-o-S
101.2		47	79.21	inf	43379.9016	0	0	1.23	0	L-o-S
100.9		48	78.91	inf	44899.6211	0	0	0.28	0	L-o-S
101.0		49	79.1	inf	43950.9431	0	0	3.03	0	L-o-S
104.2		50	84.03	inf	30738.2808	0	0	1.76	0	L-o-S
101.5		51	79.6	inf	41476.2404	0	0	0.2	0	L-o-S

0.0043	0.0165	0.96	0	1_Hrzn_Diff	100.4	52	81.15	19.28	1270.4034	0.0043	0.0165	0.96	0	1_Hrzn_Diff
0	0	2.38	0	L-o-S	100.7	53	78.71	inf	45972.8493	0	0	2.38	0	L-o-S
0	0	3.44	0	L-o-S	100.8	54	78.9	inf	44986.0074	0	0	3.44	0	L-o-S
0	0	5.75	0	L-o-S	101.1	55	79.13	inf	43795.7049	0	0	5.75	0	L-o-S
0	0	2.38	0	L-o-S	101.3	56	79.31	inf	42873.432	0	0	2.38	0	L-o-S
0	0	0.48	0	L-o-S	100.2	57	78.3	inf	48220.8166	0	0	0.48	0	L-o-S
0	0	2.99	0	L-o-S	100.5	58	78.55	inf	46862.1542	0	0	2.99	0	L-o-S
0	0	2.01	0	L-o-S	100.6	59	78.69	inf	46090.3992	0	0	2.01	0	L-o-S
0.003	0.0152	5.76	0	1_Hrzn_Diff	100.7	60	73.64	27.15	850.973	0.003	0.0152	5.76	0	1_Hrzn_Diff
0.0048	0.0168	0.76	0	1_Hrzn_Diff	101.0	61	81.84	19.25	1579.437	0.0048	0.0168	0.76	0	1_Hrzn_Diff
0	0	4.58	0	L-o-S	100.0	62	78.07	inf	49543.059	0	0	4.58	0	L-o-S
0	0	1.08	0	L-o-S	100.3	63	78.36	inf	47911.0178	0	0	1.08	0	L-o-S
0	0	2.38	0	L-o-S	100.4	64	78.43	inf	47478.7464	0	0	2.38	0	L-o-S
0	0	1.63	0	L-o-S	100.7	65	78.74	inf	45850.094	0	0	1.63	0	L-o-S
0	0	4.53	0	L-o-S	100.8	66	78.83	inf	45369.4346	0	0	4.53	0	L-o-S
0	0	2.35	0	L-o-S	99.8	67	77.83	inf	50976.7998	0	0	2.35	0	L-o-S
0	0	4	0	L-o-S	100.1	68	78.14	inf	49166.8523	0	0	4	0	L-o-S
0	0	3.65	0	L-o-S	100.3	69	78.32	inf	48106.1427	0	0	3.65	0	L-o-S
0	0	2.01	0	L-o-S	100.6	70	78.68	inf	46121.3111	0	0	2.01	0	L-o-S
0	0	0.53	0	L-o-S	100.4	71	78.51	inf	47064.2794	0	0	0.53	0	L-o-S
0	0	1.55	0	L-o-S	110.4	72	96	inf	14991.4756	0	0	1.55	0	L-o-S
0	0	4.08	0	L-o-S	107.5	73	91.28	inf	20875.5173	0	0	4.08	0	L-o-S
0	0	2.56	0	L-o-S	105.7	74	87.54	inf	25717.9707	0	0	2.56	0	L-o-S
0	0	1.14	0	L-o-S	104.3	75	83.3	inf	30360.4806	0	0	1.14	0	L-o-S
0	0	2.64	0	2_Hrzn_Diff	103.1	76	48.03	54.9	1112.8182	0	0	2.64	0	2_Hrzn_Diff
0.0059	0.0145	5.97	0	1_Hrzn_Diff	102.0	77	81.18	20.9	1934.8604	0.0059	0.0145	5.97	0	1_Hrzn_Diff
0	0	1.97	0	L-o-S	101.0	78	79.02	inf	44353.223	0	0	1.97	0	L-o-S
0.0041	0.015	2.59	0	1_Hrzn_Diff	100.1	79	81.15	19.01	1130.7804	0.0041	0.015	2.59	0	1_Hrzn_Diff
0	0	1.23	0	L-o-S	99.3	80	77.39	inf	53640.0375	0	0	1.23	0	L-o-S
0	0	0.1	0	L-o-S	98.4	81	76.53	inf	59350.7959	0	0	0.1	0	L-o-S
0	0	2.81	0	2_Hrzn_Diff	97.8	82	58.32	39.55	2100.3636	0	0	2.81	0	2_Hrzn_Diff
0.0035	0.0158	1.61	0	1_Hrzn_Diff	97.2	83	74.83	22.46	850.1081	0.0035	0.0158	1.61	0	1_Hrzn_Diff
0.0067	0.0162	4.56	0	1_Hrzn_Diff	96.5	84	76.1	20.59	2394.3624	0.0067	0.0162	4.56	0	1_Hrzn_Diff
0	0	1.33	0	2_Hrzn_Diff	89.9	85	47.9	43.26	10329.5972	0	0	1.33	0	2_Hrzn_Diff
0	0	4.67	0	2_Hrzn_Diff	95.5	86	43.62	52.1	1045.2196	0	0	4.67	0	2_Hrzn_Diff
0.0199	0.0207	0.48	0	1_Hrzn_Diff	95.0	87	60.67	34.53	18018.9531	0.0199	0.0207	0.48	0	1_Hrzn_Diff
0	0	0	0	L-o-S	109.6	88	93.59	inf	16513.8052	0	0	0	0	L-o-S
0	0	1.04	0	L-o-S	101.8	89	79.8	inf	40512.6133	0	0	1.04	0	L-o-S
0.0032	0.0164	0.9	0	1_Hrzn_Diff	105.7	90	81.46	23.44	883.2268	0.0032	0.0164	0.9	0	1_Hrzn_Diff
0.0055	0.0172	3.36	0	1_Hrzn_Diff	104.3	91	83.93	19.87	1837.1449	0.0055	0.0172	3.36	0	1_Hrzn_Diff
0	0	2.07	0	2_Hrzn_Diff	103.0	92	66.26	36.62	2508.4395	0	0	2.07	0	2_Hrzn_Diff
0	0	0.21	0	L-o-S	107.5	93	90.17	inf	21021.4442	0	0	0.21	0	L-o-S
0	0	2.98	0	L-o-S	100.8	94	78.87	inf	45146.2849	0	0	2.98	0	L-o-S
0	0	2.09	0	2_Hrzn_Diff	100.0	95	53.65	46.39	935.8038	0	0	2.09	0	2_Hrzn_Diff
0.0117	0.0188	0.28	0	1_Hrzn_Diff	99.0	96	68.52	30.59	9652.724	0.0117	0.0188	0.28	0	1_Hrzn_Diff
0.0074	0.0174	0.63	0	1_Hrzn_Diff	97.1	97	73.03	24.19	3880.2904	0.0074	0.0174	0.63	0	1_Hrzn_Diff
0	0	5.35	0	2_Hrzn_Diff	97.7	98	50.16	47.63	2994.4995	0	0	5.35	0	2_Hrzn_Diff
0.0043	0.0156	1.8	0	1_Hrzn_Diff	98.3	99	78.94	19.49	1350.0605	0.0043	0.0156	1.8	0	1_Hrzn_Diff
0	0	1.16	0	2_Hrzn_Diff	96.5	100	45.77	50.96	971.7772	0	0	1.16	0	2_Hrzn_Diff
0	0	4.19	0	L-o-S	96.0	101	74.16	inf	78806.5489	0	0	4.19	0	L-o-S
0	0	0.05	0	L-o-S	95.5	102	73.68	inf	83369.0364	0	0	0.05	0	L-o-S
0	0	2.38	0	2_Hrzn_Diff	95.0	103	53.16	42.07	1037.2416	0	0	2.38	0	2_Hrzn_Diff
0	0	3.07	0	L-o-S	109.2	104	95.17	inf	17053.2366	0	0	3.07	0	L-o-S

0	0	2.57	0	L-o-S	106.3	105	89.32	inf	23876.7966	0	0	2.57	0	L-o-S
0	0	0.16	0	2_Hrzn_Diff	105.6	106	47.52	57.29	1040.3327	0	0	0.16	0	2_Hrzn_Diff
0	0	1.68	0	L-o-S	104.2	107	85	inf	30557.1332	0	0	1.68	0	L-o-S
0	0	0.67	0	L-o-S	102.9	108	82.25	inf	35389.4879	0	0	0.67	0	L-o-S
0	0	0.06	0	L-o-S	101.5	109	79.58	inf	41574.9264	0	0	0.06	0	L-o-S
0	0	1.57	0	2_Hrzn_Diff	100.8	110	58.44	42.4	1141.7668	0	0	1.57	0	2_Hrzn_Diff
0	0	5.33	0	L-o-S	99.7	111	77.8	inf	51232.3886	0	0	5.33	0	L-o-S
0.0049	0.0151	2.23	0	1_Hrzn_Diff	99.1	112	77.52	21.68	2381.3997	0.0049	0.0151	2.23	0	1_Hrzn_Diff
0.0032	0.0162	1.2	0	1_Hrzn_Diff	98.4	113	79.57	18.95	1355.5191	0.0032	0.0162	1.2	0	1_Hrzn_Diff
0	0	1.7	0	L-o-S	97.5	114	75.68	inf	65864.3437	0	0	1.7	0	L-o-S
0	0	3.38	0	L-o-S	97.1	115	75.27	inf	69250.468	0	0	3.38	0	L-o-S
0.0042	0.0167	3.75	0	1_Hrzn_Diff	96.5	116	72.02	24.71	1688.1568	0.0042	0.0167	3.75	0	1_Hrzn_Diff
0	0	0.3	0	L-o-S	95.9	117	74.06	inf	79942.6175	0	0	0.3	0	L-o-S
0	0	1.33	0	2_Hrzn_Diff	95.4	118	70.94	24.72	3834.8608	0	0	1.33	0	2_Hrzn_Diff
0	0	1.09	0	2_Hrzn_Diff	92.7	119	69.5	23.58	1344.5416	0	0	1.09	0	2_Hrzn_Diff
0	0	0	0	L-o-S	109.7	120	94.88	inf	16290.7543	0	0	0	0	L-o-S
0	0	2.12	0	L-o-S	107.3	121	90.6	inf	21484.6008	0	0	2.12	0	L-o-S
0	0	1.76	0	L-o-S	105.7	122	87.75	inf	25833.4536	0	0	1.76	0	L-o-S
0	0	1.98	0	L-o-S	101.3	123	79.34	inf	42716.9547	0	0	1.98	0	L-o-S
0	0	4.85	0	L-o-S	103.0	124	80.84	inf	35281.1356	0	0	4.85	0	L-o-S
0	0	1.46	0	L-o-S	101.8	125	79.83	inf	40344.1841	0	0	1.46	0	L-o-S
0	0	0.02	0	L-o-S	100.7	126	78.74	inf	45810.5281	0	0	0.02	0	L-o-S
0	0	0.89	0	L-o-S	99.9	127	78	inf	49950.6762	0	0	0.89	0	L-o-S
0	0	0.47	0	L-o-S	99.1	128	77.14	inf	55279.7822	0	0	0.47	0	L-o-S
0	0	1.27	0	L-o-S	98.3	129	76.39	inf	60431.4916	0	0	1.27	0	L-o-S
0	0	2.67	0	L-o-S	97.7	130	75.79	inf	64868.7707	0	0	2.67	0	L-o-S
0.0053	0.0171	3.59	0	1_Hrzn_Diff	97.0	131	77.63	19.52	1852.8242	0.0053	0.0171	3.59	0	1_Hrzn_Diff
0.0037	0.0154	2.05	0	1_Hrzn_Diff	96.6	132	76.23	20.49	1037.3111	0.0037	0.0154	2.05	0	1_Hrzn_Diff
0.0098	0.0173	0.98	0	1_Hrzn_Diff	95.9	133	68.37	27.76	6066.6893	0.0098	0.0173	0.98	0	1_Hrzn_Diff
0.0124	0.0139	2.29	0	1_Hrzn_Diff	95.5	134	61.22	34.48	10019.4107	0.0124	0.0139	2.29	0	1_Hrzn_Diff
0	0	1.53	0	2_Hrzn_Diff	95.0	135	43.8	51.53	1242.934	0	0	1.53	0	2_Hrzn_Diff
0	0	0.6	0	L-o-S	109.6	136	93.42	inf	16543.7698	0	0	0.6	0	L-o-S
0	0	0	0	L-o-S	107.5	137	90.99	inf	20971.2626	0	0	0	0	L-o-S
0	0	1.44	0	L-o-S	105.9	138	87.94	inf	25073.4508	0	0	1.44	0	L-o-S
0	0	0.03	0	L-o-S	104.1	139	83.42	inf	30889.5267	0	0	0.03	0	L-o-S
0	0	1.47	0	L-o-S	102.9	140	80.93	inf	35398.5996	0	0	1.47	0	L-o-S
0.0044	0.0148	2.82	0	1_Hrzn_Diff	101.8	141	82.35	19.49	1476.0601	0.0044	0.0148	2.82	0	1_Hrzn_Diff
0	0	1.53	0	L-o-S	100.6	142	78.68	inf	46142.8762	0	0	1.53	0	L-o-S
0	0	3.47	0	L-o-S	100.1	143	78.14	inf	49166.131	0	0	3.47	0	L-o-S
0	0	1.47	0	L-o-S	99.3	144	77.34	inf	54004.7773	0	0	1.47	0	L-o-S
0	0	2.05	0	2_Hrzn_Diff	98.4	145	49.94	48.55	1416.7495	0	0	2.05	0	2_Hrzn_Diff
0	0	1.96	0	L-o-S	97.7	146	75.83	inf	64540.0396	0	0	1.96	0	L-o-S
0.007	0.0158	1.61	0	1_Hrzn_Diff	97.1	147	73.61	23.58	3465.8214	0.007	0.0158	1.61	0	1_Hrzn_Diff
0.0116	0.0189	0.01	0	1_Hrzn_Diff	96.4	148	64.81	31.75	8914.7751	0.0116	0.0189	0.01	0	1_Hrzn_Diff
0	0	2.06	0	L-o-S	95.8	149	74.02	inf	80145.3505	0	0	2.06	0	L-o-S
0	0	0.23	0	2_Hrzn_Diff	97.6	150	69.86	27.82	1757.5648	0	0	0.23	0	2_Hrzn_Diff
0.0177	0.0206	0.06	0	1_Hrzn_Diff	97.6	151	65.53	32.21	10236.9848	0.0177	0.0206	0.06	0	1_Hrzn_Diff
0	0	0	0	L-o-S	109.6	152	95.07	inf	16434.3294	0	0	0	0	L-o-S
0	0	3.69	0	L-o-S	107.5	153	89.79	inf	20819.556	0	0	3.69	0	L-o-S
0	0	1.94	0	L-o-S	106.0	154	86.84	inf	24828.7972	0	0	1.94	0	L-o-S
0	0	3.49	0	L-o-S	104.3	155	83.85	inf	30351.6715	0	0	3.49	0	L-o-S
0	0	0.49	0	2_Hrzn_Diff	99.0	156	47.9	51.2	1076.138	0	0	0.49	0	2_Hrzn_Diff
0	0	1.06	0	L-o-S	101.8	157	79.87	inf	40188.3988	0	0	1.06	0	L-o-S

0	0	0.87	0	2_Hrzn_Diff	95.0	158	50.95	44.29	13408.7649	0	0	0.87	0	2_Hrzn_Diff
0	0	0.15	0	L-o-S	100.1	159	78.14	inf	49118.2138	0	0	0.15	0	L-o-S
0	0	4.64	0	L-o-S	99.2	160	77.29	inf	54261.4618	0	0	4.64	0	L-o-S
0	0	1.6	0	L-o-S	98.4	161	76.51	inf	59407.18	0	0	1.6	0	L-o-S
0.0098	0.0172	1.02	0	1_Hrzn_Diff	98.0	162	75.55	22.55	3232.1531	0.0098	0.0172	1.02	0	1_Hrzn_Diff
0.016	0.0124	2.74	0	1_Hrzn_Diff	97.1	163	65.86	31.4	9553.8756	0.016	0.0124	2.74	0	1_Hrzn_Diff
0.0196	0.017	4.56	0	1_Hrzn_Diff	96.6	164	61.64	35.12	13784.8008	0.0196	0.017	4.56	0	1_Hrzn_Diff
0	0	0.67	0	2_Hrzn_Diff	96.0	165	62.56	33.58	4066.2681	0	0	0.67	0	2_Hrzn_Diff
0	0	1.1	0	2_Hrzn_Diff	95.1	166	65.03	30.26	4591.7129	0	0	1.1	0	2_Hrzn_Diff
0.0076	0.0143	2.57	0	1_Hrzn_Diff	101.0	167	78.62	22.41	2587.0259	0.0076	0.0143	2.57	0	1_Hrzn_Diff
0	0	0	0	L-o-S	110.2	168	95.64	inf	15426.4744	0	0	0	0	L-o-S
0	0	2.83	0	L-o-S	107.4	169	91.37	inf	21246.0277	0	0	2.83	0	L-o-S
0.0038	0.0155	1.95	0	1_Hrzn_Diff	105.6	170	76.78	28.06	997.5407	0.0038	0.0155	1.95	0	1_Hrzn_Diff
0.0055	0.0148	2.51	0	1_Hrzn_Diff	104.2	171	83.89	20.18	1668.3757	0.0055	0.0148	2.51	0	1_Hrzn_Diff
0	0	0.81	0	2_Hrzn_Diff	98.1	172	28.76	69.43	1004.5917	0	0	0.81	0	2_Hrzn_Diff
0.0057	0.0145	3.02	0	1_Hrzn_Diff	101.8	173	81.57	20.3	1662.759	0.0057	0.0145	3.02	0	1_Hrzn_Diff
0	0	1.03	0	L-o-S	100.8	174	78.82	inf	45392.8579	0	0	1.03	0	L-o-S
0	0	1.05	0	L-o-S	99.9	175	78	inf	49930.5192	0	0	1.05	0	L-o-S
0	0	1.96	0	L-o-S	99.2	176	77.24	inf	54530.8713	0	0	1.96	0	L-o-S
0	0	3.01	0	2_Hrzn_Diff	98.5	177	55.69	42.88	1638.4141	0	0	3.01	0	2_Hrzn_Diff
0.0185	0.0128	2.38	0	1_Hrzn_Diff	97.5	178	61.12	36.51	12034.4517	0.0185	0.0128	2.38	0	1_Hrzn_Diff
0	0	1.38	0	L-o-S	97.1	179	75.26	inf	68875.6639	0	0	1.38	0	L-o-S
0	0	1.95	0	2_Hrzn_Diff	96.6	180	38.49	58.2	1146.947	0	0	1.95	0	2_Hrzn_Diff
0	0	0.02	0	2_Hrzn_Diff	96.1	181	55.26	40.95	2025.9093	0	0	0.02	0	2_Hrzn_Diff
0	0	3.99	0	2_Hrzn_Diff	94.2	182	44.48	49.9	191.9461	0	0	3.99	0	2_Hrzn_Diff
0.0312	0.0104	5.67	0	1_Hrzn_Diff	95.0	183	57.05	38.11	16370.0462	0.0312	0.0104	5.67	0	1_Hrzn_Diff
0	0	1.73	0	L-o-S	109.9	184	95.55	inf	15795.3382	0	0	1.73	0	L-o-S
0	0	0	0	L-o-S	107.8	185	90.51	inf	20234.8443	0	0	0	0	L-o-S
0	0	1.74	0	L-o-S	105.7	186	87.95	inf	25691.0693	0	0	1.74	0	L-o-S
0	0	4.11	0	L-o-S	104.1	187	81.99	inf	30880.781	0	0	4.11	0	L-o-S
0	0	4.43	0	L-o-S	103.0	188	81.05	inf	35033.4166	0	0	4.43	0	L-o-S
0	0	0.12	0	L-o-S	101.8	189	79.88	inf	40105.0295	0	0	0.12	0	L-o-S
0	0	0.2	0	L-o-S	101.1	190	79.1	inf	43891.0398	0	0	0.2	0	L-o-S
0	0	3.32	0	L-o-S	99.9	191	77.93	inf	50317.9051	0	0	3.32	0	L-o-S
0	0	0.19	0	L-o-S	99.2	192	77.31	inf	54133.4077	0	0	0.19	0	L-o-S
0.0101	0.0183	0.39	0	1_Hrzn_Diff	98.5	193	74.37	24.22	3728.0153	0.0101	0.0183	0.39	0	1_Hrzn_Diff
0	0	0.61	0	2_Hrzn_Diff	97.7	194	63.06	34.79	1359.3266	0	0	0.61	0	2_Hrzn_Diff
0	0	2.64	0	L-o-S	97.1	195	75.22	inf	69238.9303	0	0	2.64	0	L-o-S
0.0051	0.0146	2.84	0	1_Hrzn_Diff	96.6	196	76.79	19.92	925.5873	0.0051	0.0146	2.84	0	1_Hrzn_Diff
0	0	2.09	0	L-o-S	95.9	197	73.99	inf	79890.7511	0	0	2.09	0	L-o-S
0	0	0.23	0	2_Hrzn_Diff	95.5	198	52.04	43.58	2355.8371	0	0	0.23	0	2_Hrzn_Diff
0.0332	0.0088	2.93	0	1_Hrzn_Diff	95.0	199	65.77	29.4	9045.7154	0.0332	0.0088	2.93	0	1_Hrzn_Diff
0	0	0	0	L-o-S	93.1	200	74.66	inf	15512.781	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.9	201	91.96	inf	4491.6965	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.4	202	77.53	inf	13425.9808	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.1	203	74.77	inf	15591.5628	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.6	204	77.7	inf	13105.6472	0	0	0	0	L-o-S
0	0	1.59	0	L-o-S	92.9	205	74.54	inf	15810.8183	0	0	1.59	0	L-o-S
0	0	0	0	L-o-S	93.4	206	75.71	inf	14988.7844	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.9	207	76.47	inf	14246.0403	0	0	0	0	L-o-S
0	0	2.7	0	2_Hrzn_Diff	78.4	208	47.55	24.98	538.7205	0	0	2.7	0	2_Hrzn_Diff
0	0	3	0	2_Hrzn_Diff	78.5	209	29.86	42.72	692.1641	0	0	3	0	2_Hrzn_Diff
0	0	4.86	0	L-o-S	83.9	210	55.88	inf	44961.4293	0	0	4.86	0	L-o-S

0	0	1.67	0	L-o-S	83.4	211	55.45	inf	47271.157	0	0	1.67	0	L-o-S
0	0	5.35	0	L-o-S	83.7	212	55.7	inf	45899.192	0	0	5.35	0	L-o-S
0	0	2.44	0	L-o-S	83.5	213	55.48	inf	47109.2287	0	0	2.44	0	L-o-S
0	0	2.67	0	L-o-S	83.6	214	55.57	inf	46585.2998	0	0	2.67	0	L-o-S
0	0	5.01	0	L-o-S	83.6	215	55.63	inf	46294.1486	0	0	5.01	0	L-o-S
0	0	0	0	L-o-S	105.1	216	92.97	inf	3898.8088	0	0	0	0	L-o-S
0	0	0	0	L-o-S	107.4	217	94.31	inf	3049.3161	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.6	218	75.92	inf	14603.7904	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.8	219	78.24	inf	12763.7227	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.9	220	92.81	inf	4012.0092	0	0	0	0	L-o-S
0	0	3.14	0	L-o-S	92.2	221	67.48	inf	17273.3479	0	0	3.14	0	L-o-S
0	0	0	0	L-o-S	92.9	222	74.54	inf	15767.176	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.0	223	76.5	inf	14034.2822	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.0	224	78.23	inf	12520.411	0	0	0	0	L-o-S
0	0	1.37	0	2_Hrzn_Diff	79.0	225	57.15	15.98	3619.3029	0	0	1.37	0	2_Hrzn_Diff
0	0	1.59	0	L-o-S	92.0	226	70.52	inf	17720.0012	0	0	1.59	0	L-o-S
0	0	0	0	L-o-S	95.9	227	79.6	inf	11319.0311	0	0	0	0	L-o-S
0	0	4.39	0	L-o-S	93.7	228	75.88	inf	14461.4866	0	0	4.39	0	L-o-S
0	0	0	0	L-o-S	106.5	229	94.02	inf	3300.0193	0	0	0	0	L-o-S
0	0	0.21	0	L-o-S	92.9	230	74.96	inf	15827.0024	0	0	0.21	0	L-o-S
0	0	2.25	0	L-o-S	91.9	231	65.56	inf	17891.1996	0	0	2.25	0	L-o-S
0	0	4.38	0	L-o-S	92.7	232	73.99	inf	16174.1568	0	0	4.38	0	L-o-S
0	0	0	0	L-o-S	93.5	233	75.76	inf	14858.4831	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.0	234	76.82	inf	13999.6892	0	0	0	0	L-o-S
0	0	2.04	0	L-o-S	95.6	235	79.63	inf	11648.7639	0	0	2.04	0	L-o-S
0	0	1.69	0	L-o-S	91.7	236	64.92	inf	18329.2475	0	0	1.69	0	L-o-S
0	0	1.57	0	L-o-S	92.5	237	70.31	inf	16741.7543	0	0	1.57	0	L-o-S
0	0	0	0	L-o-S	95.2	238	78.71	inf	12222.6139	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.1	239	76.84	inf	13830.1439	0	0	0	0	L-o-S
0	0	0.08	0	L-o-S	93.1	240	75.21	inf	15453.2285	0	0	0.08	0	L-o-S
0	0	0.08	0	L-o-S	91.3	241	63.84	inf	19149.108	0	0	0.08	0	L-o-S
0	0	0	0	L-o-S	92.1	242	70.63	inf	17363.94	0	0	0	0	L-o-S
0	0	0	0	L-o-S	92.8	243	74.8	inf	16025.4091	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.6	244	76.31	inf	14602.7855	0	0	0	0	L-o-S
0	0	0	0	L-o-S	96.0	245	79.97	inf	11099.6434	0	0	0	0	L-o-S
0	0	3.76	0	L-o-S	84.2	246	56.19	inf	43379.9016	0	0	3.76	0	L-o-S
0	0	1.45	0	L-o-S	83.9	247	55.89	inf	44899.6211	0	0	1.45	0	L-o-S
0	0	2.68	0	L-o-S	84.1	248	56.07	inf	43950.9431	0	0	2.68	0	L-o-S
0	0	1.32	0	L-o-S	84.3	249	56.32	inf	42716.9547	0	0	1.32	0	L-o-S
0	0	2.92	0	L-o-S	84.6	250	56.57	inf	41476.2404	0	0	2.92	0	L-o-S
0.0127	0.019	3.48	0	1_Hrzn_Diff	83.4	251	56.62	20.77	1270.4034	0.0127	0.019	3.48	0	1_Hrzn_Diff
0	0	1.09	0	L-o-S	83.7	252	55.69	inf	45972.8493	0	0	1.09	0	L-o-S
0	0	5.6	0	L-o-S	83.9	253	55.87	inf	44986.0074	0	0	5.6	0	L-o-S
0	0	1.88	0	L-o-S	84.1	254	56.1	inf	43795.7049	0	0	1.88	0	L-o-S
0	0	2.36	0	L-o-S	84.3	255	56.29	inf	42873.432	0	0	2.36	0	L-o-S
0	0	0.8	0	L-o-S	83.3	256	55.28	inf	48220.8166	0	0	0.8	0	L-o-S
0	0	1.37	0	L-o-S	83.5	257	55.52	inf	46862.1542	0	0	1.37	0	L-o-S
0	0	1.88	0	L-o-S	83.6	258	55.66	inf	46090.3992	0	0	1.88	0	L-o-S
0.0087	0.0141	2.58	0	1_Hrzn_Diff	83.8	259	50.05	27.71	850.973	0.0087	0.0141	2.58	0	1_Hrzn_Diff
0.014	0.0186	0.76	0	1_Hrzn_Diff	84.1	260	57.23	20.84	1579.437	0.014	0.0186	0.76	0	1_Hrzn_Diff
0	0	0.08	0	L-o-S	83.0	261	55.04	inf	49543.059	0	0	0.08	0	L-o-S
0	0	0.98	0	L-o-S	83.3	262	55.33	inf	47911.0178	0	0	0.98	0	L-o-S
0	0	4.45	0	L-o-S	83.4	263	55.41	inf	47478.7464	0	0	4.45	0	L-o-S

0	0	3.75	0	L-o-S	83.7	264	55.71	inf	45850.094	0	0	3.75	0	L-o-S
0	0	5.57	0	L-o-S	83.8	265	55.8	inf	45369.4346	0	0	5.57	0	L-o-S
0	0	0.43	0	L-o-S	82.8	266	54.8	inf	50976.7998	0	0	0.43	0	L-o-S
0	0	0.71	0	L-o-S	83.1	267	55.11	inf	49166.8523	0	0	0.71	0	L-o-S
0	0	1.59	0	L-o-S	83.3	268	55.3	inf	48106.1427	0	0	1.59	0	L-o-S
0	0	3.97	0	L-o-S	83.6	269	55.66	inf	46121.3111	0	0	3.97	0	L-o-S
0	0	3.14	0	L-o-S	83.5	270	55.48	inf	47064.2794	0	0	3.14	0	L-o-S
0	0	0.24	0	L-o-S	93.3	271	75.86	inf	15067.2933	0	0	0.24	0	L-o-S
0	0	1.42	0	L-o-S	90.5	272	67.4	inf	20875.5173	0	0	1.42	0	L-o-S
0	0	2.2	0	L-o-S	88.7	273	65.65	inf	25717.9707	0	0	2.2	0	L-o-S
0	0	1.69	0	L-o-S	87.3	274	59.27	inf	30360.4806	0	0	1.69	0	L-o-S
0	0	1.68	0	2_Hrzn_Diff	86.1	275	43.56	36.5	1112.8182	0	0	1.68	0	2_Hrzn_Diff
0.0173	0.0203	0.28	0	1_Hrzn_Diff	85.1	276	57.83	21.23	1934.8604	0.0173	0.0203	0.28	0	1_Hrzn_Diff
0	0	0.9	0	L-o-S	84.0	277	55.99	inf	44353.223	0	0	0.9	0	L-o-S
0.0119	0.019	0.16	0	1_Hrzn_Diff	83.1	278	56.78	20.35	1130.7804	0.0119	0.019	0.16	0	1_Hrzn_Diff
0	0	1.47	0	L-o-S	82.3	279	54.36	inf	53640.0375	0	0	1.47	0	L-o-S
0	0	1.93	0	L-o-S	81.4	280	53.5	inf	59350.7959	0	0	1.93	0	L-o-S
0	0	4.19	0	2_Hrzn_Diff	80.8	281	51.8	23.02	2100.3636	0	0	4.19	0	2_Hrzn_Diff
0	0	4.5	0	2_Hrzn_Diff	80.2	282	31.16	43.08	812.0295	0	0	4.5	0	2_Hrzn_Diff
0.0194	0.0114	2.93	0	1_Hrzn_Diff	79.5	283	50.01	23.62	2394.3624	0.0194	0.0114	2.93	0	1_Hrzn_Diff
0	0	2.19	0	2_Hrzn_Diff	72.9	284	42.62	25.08	10329.5972	0	0	2.19	0	2_Hrzn_Diff
0	0	0.75	0	2_Hrzn_Diff	78.5	285	38.95	33.68	1045.2196	0	0	0.75	0	2_Hrzn_Diff
0.0581	0.0225	1.34	0	1_Hrzn_Diff	78.0	286	38.12	33.99	18018.9531	0.0581	0.0225	1.34	0	1_Hrzn_Diff
0	0	0	0	L-o-S	92.6	287	71.42	inf	16513.8052	0	0	0	0	L-o-S
0	0	1.89	0	L-o-S	84.8	288	56.78	inf	40512.6133	0	0	1.89	0	L-o-S
0.0094	0.0174	4.02	0	1_Hrzn_Diff	88.7	289	59.38	23.34	883.2268	0.0094	0.0174	4.02	0	1_Hrzn_Diff
0.016	0.0182	4.17	0	1_Hrzn_Diff	87.3	290	59.79	21.48	1837.1449	0.016	0.0182	4.17	0	1_Hrzn_Diff
0	0	0.83	0	2_Hrzn_Diff	86.0	291	59.47	20.53	2508.4395	0	0	0.83	0	2_Hrzn_Diff
0	0	0.39	0	L-o-S	90.5	292	67.28	inf	21021.4442	0	0	0.39	0	L-o-S
0	0	1.8	0	L-o-S	83.8	293	55.84	inf	45146.2849	0	0	1.8	0	L-o-S
0	0	0.09	0	2_Hrzn_Diff	83.0	294	49.35	27.65	957.08	0	0	0.09	0	2_Hrzn_Diff
0.0341	0.0117	5.38	0	1_Hrzn_Diff	82.0	295	43.03	33.05	9652.724	0.0341	0.0117	5.38	0	1_Hrzn_Diff
0.0125	0.0191	3.22	0	1_Hrzn_Diff	81.3	296	54.76	20.63	1350.0605	0.0125	0.0191	3.22	0	1_Hrzn_Diff
0	0	2.18	0	2_Hrzn_Diff	80.7	297	44.05	30.7	2994.4995	0	0	2.18	0	2_Hrzn_Diff
0.0216	0.0216	0.23	0	1_Hrzn_Diff	80.1	298	49.64	24.52	3880.2904	0.0216	0.0216	0.23	0	1_Hrzn_Diff
0	0	3.73	0	2_Hrzn_Diff	79.6	299	41.05	32.61	971.7772	0	0	3.73	0	2_Hrzn_Diff
0	0	0.3	0	L-o-S	79.0	300	51.09	inf	78806.5489	0	0	0.3	0	L-o-S
0	0	2.3	0	L-o-S	78.5	301	50.61	inf	83369.0364	0	0	2.3	0	L-o-S
0	0	0.61	0	2_Hrzn_Diff	78.0	302	46.24	25.9	1037.2416	0	0	0.61	0	2_Hrzn_Diff
0	0	0.62	0	L-o-S	92.3	303	72.85	inf	17051.6211	0	0	0.62	0	L-o-S
0	0	4.08	0	L-o-S	89.4	304	62.04	inf	23876.7966	0	0	4.08	0	L-o-S
0	0	0.79	0	2_Hrzn_Diff	88.6	305	43.74	38.88	1040.3327	0	0	0.79	0	2_Hrzn_Diff
0	0	0.27	0	L-o-S	87.2	306	59.21	inf	30557.1332	0	0	0.27	0	L-o-S
0	0	0.71	0	L-o-S	85.9	307	61.03	inf	35389.4879	0	0	0.71	0	L-o-S
0	0	3.39	0	L-o-S	84.5	308	56.56	inf	41574.9264	0	0	3.39	0	L-o-S
0	0	2.28	0	2_Hrzn_Diff	83.8	309	52.7	25.12	1141.7668	0	0	2.28	0	2_Hrzn_Diff
0	0	1.27	0	L-o-S	82.7	310	54.76	inf	51232.3886	0	0	1.27	0	L-o-S
0.0144	0.0165	1.46	0	1_Hrzn_Diff	82.1	311	53.12	23.04	2381.3997	0.0144	0.0165	1.46	0	1_Hrzn_Diff
0.0095	0.0183	3.18	0	1_Hrzn_Diff	81.4	312	54.76	20.71	1355.5191	0.0095	0.0183	3.18	0	1_Hrzn_Diff
0	0	1.01	0	L-o-S	80.5	313	52.62	inf	65864.3437	0	0	1.01	0	L-o-S
0	0	1.21	0	L-o-S	80.1	314	52.2	inf	69250.468	0	0	1.21	0	L-o-S
0.0123	0.0179	0.93	0	1_Hrzn_Diff	79.5	315	49.14	24.51	1688.1568	0.0123	0.0179	0.93	0	1_Hrzn_Diff
0	0	1.98	0	L-o-S	78.9	316	50.98	inf	79942.6175	0	0	1.98	0	L-o-S

0	0	4.76	0	2_Hrzn_Diff	78.4	317	58.72	13.85	3834.8608	0	0	4.76	0	2_Hrzn_Diff
0	0	2.16	0	2_Hrzn_Diff	75.7	318	61.89	8.06	1344.5416	0	0	2.16	0	2_Hrzn_Diff
0	0	0	0	L-o-S	92.7	319	73.88	inf	16290.7543	0	0	0	0	L-o-S
0	0	5.37	0	L-o-S	90.3	320	62.27	inf	21484.6008	0	0	5.37	0	L-o-S
0	0	3.59	0	L-o-S	88.7	321	64.9	inf	25833.4536	0	0	3.59	0	L-o-S
0	0	3.59	0	L-o-S	87.2	322	59.16	inf	30738.2808	0	0	3.59	0	L-o-S
0	0	1.24	0	L-o-S	86.0	323	57.97	inf	35281.1356	0	0	1.24	0	L-o-S
0	0	1.73	0	L-o-S	84.8	324	56.81	inf	40344.1841	0	0	1.73	0	L-o-S
0	0	0.15	0	L-o-S	83.7	325	55.72	inf	45810.5281	0	0	0.15	0	L-o-S
0	0	5.8	0	L-o-S	82.9	326	54.97	inf	49950.6762	0	0	5.8	0	L-o-S
0	0	5.84	0	L-o-S	82.1	327	54.1	inf	55279.7822	0	0	5.84	0	L-o-S
0	0	3.28	0	L-o-S	81.3	328	53.34	inf	60431.4916	0	0	3.28	0	L-o-S
0	0	4.88	0	L-o-S	80.7	329	52.74	inf	64868.7707	0	0	4.88	0	L-o-S
0.0155	0.0182	4.14	0	1_Hrzn_Diff	80.0	330	52.9	21.2	1852.8242	0.0155	0.0182	4.14	0	1_Hrzn_Diff
0.0108	0.0133	3	0	1_Hrzn_Diff	79.6	331	50.18	23.48	1037.3111	0.0108	0.0133	3	0	1_Hrzn_Diff
0.0285	0.0108	2.54	0	1_Hrzn_Diff	79.0	332	42.41	30.65	6066.6893	0.0285	0.0108	2.54	0	1_Hrzn_Diff
0.036	0.0253	0.47	0	1_Hrzn_Diff	78.5	333	40.9	31.71	10019.4107	0.036	0.0253	0.47	0	1_Hrzn_Diff
0	0	1.5	0	2_Hrzn_Diff	78.1	334	39.1	33.12	1242.934	0	0	1.5	0	2_Hrzn_Diff
0	0	2.57	0	L-o-S	92.6	335	68.81	inf	16543.7698	0	0	2.57	0	L-o-S
0	0	0	0	L-o-S	90.5	336	69.59	inf	20971.2626	0	0	0	0	L-o-S
0	0	3.77	0	L-o-S	88.9	337	62.04	inf	25073.4508	0	0	3.77	0	L-o-S
0	0	1.41	0	L-o-S	87.1	338	59.46	inf	30889.5267	0	0	1.41	0	L-o-S
0	0	0.63	0	L-o-S	85.9	339	57.94	inf	35398.5996	0	0	0.63	0	L-o-S
0.0128	0.0153	1.78	0	1_Hrzn_Diff	84.8	340	57.6	21.21	1476.0601	0.0128	0.0153	1.78	0	1_Hrzn_Diff
0	0	2.46	0	L-o-S	83.6	341	55.65	inf	46142.8762	0	0	2.46	0	L-o-S
0	0	2.4	0	L-o-S	83.1	342	55.11	inf	49166.131	0	0	2.4	0	L-o-S
0	0	4.16	0	L-o-S	82.3	343	54.3	inf	54004.7773	0	0	4.16	0	L-o-S
0	0	1.17	0	2_Hrzn_Diff	81.4	344	43.39	32.06	1416.7495	0	0	1.17	0	2_Hrzn_Diff
0	0	0.75	0	L-o-S	80.7	345	52.78	inf	64540.0396	0	0	0.75	0	L-o-S
0.0205	0.0199	0.78	0	1_Hrzn_Diff	80.1	346	50.2	23.94	3465.8214	0.0205	0.0199	0.78	0	1_Hrzn_Diff
0.03	0.0145	1.87	0	1_Hrzn_Diff	79.4	347	42.16	31.35	7204.8604	0.03	0.0145	1.87	0	1_Hrzn_Diff
0	0	0.74	0	L-o-S	78.8	348	50.95	inf	80145.3505	0	0	0.74	0	L-o-S
0	0	5.02	0	2_Hrzn_Diff	80.6	349	63.05	11.59	1757.5648	0	0	5.02	0	2_Hrzn_Diff
0	0	0.16	0	2_Hrzn_Diff	80.7	350	55.4	19.34	2286.6897	0	0	0.16	0	2_Hrzn_Diff
0	0	0	0	L-o-S	92.6	351	74.07	inf	16434.3294	0	0	0	0	L-o-S
0	0	2.21	0	L-o-S	90.6	352	66.46	inf	20819.556	0	0	2.21	0	L-o-S
0	0	2.52	0	L-o-S	89.0	353	61.01	inf	24828.7972	0	0	2.52	0	L-o-S
0	0	2.48	0	L-o-S	87.3	354	59.27	inf	30351.6715	0	0	2.48	0	L-o-S
0	0	1.62	0	2_Hrzn_Diff	82.0	355	43.23	32.83	1076.138	0	0	1.62	0	2_Hrzn_Diff
0	0	4.46	0	L-o-S	84.8	356	56.84	inf	40188.3988	0	0	4.46	0	L-o-S
0	0	4.89	0	2_Hrzn_Diff	78.0	357	45.83	26.34	13408.7649	0	0	4.89	0	2_Hrzn_Diff
0	0	0.09	0	L-o-S	83.1	358	55.11	inf	49118.2138	0	0	0.09	0	L-o-S
0	0	0.87	0	L-o-S	82.2	359	54.26	inf	54261.4618	0	0	0.87	0	L-o-S
0	0	0.48	0	L-o-S	81.4	360	53.48	inf	59407.18	0	0	0.48	0	L-o-S
0.0286	0.0153	1.76	0	1_Hrzn_Diff	81.0	361	50.62	24.44	3232.1531	0.0286	0.0153	1.76	0	1_Hrzn_Diff
0.0466	0.0295	0.22	0	1_Hrzn_Diff	80.2	362	46.07	28.14	9553.8756	0.0466	0.0295	0.22	0	1_Hrzn_Diff
0.0572	0.0258	1.08	0	1_Hrzn_Diff	79.6	363	40.61	33.1	13784.8008	0.0572	0.0258	1.08	0	1_Hrzn_Diff
0	0	0	0	L-o-S	96.1	364	80.3	inf	11005.2396	0	0	0	0	L-o-S
0	0	1.44	0	2_Hrzn_Diff	78.5	365	50.39	22.22	8876.6745	0	0	1.44	0	2_Hrzn_Diff
0.0221	0.016	1.63	0	1_Hrzn_Diff	84.0	366	54.51	23.5	2587.0259	0.0221	0.016	1.63	0	1_Hrzn_Diff
0	0	0	0	L-o-S	93.2	367	74.2	inf	15426.4744	0	0	0	0	L-o-S
0.0116	0.0147	2.03	0	1_Hrzn_Diff	90.4	368	55.92	28.47	1034.9199	0.0116	0.0147	2.03	0	1_Hrzn_Diff
0.011	0.0133	2.81	0	1_Hrzn_Diff	88.7	369	53.76	28.9	997.5407	0.011	0.0133	2.81	0	1_Hrzn_Diff

0.0161	0.0123	2.76	0	1_Hrzn_Diff	87.2	370	58.36	22.83	1668.3757	0.0161	0.0123	2.76	0	1_Hrzn_Diff
0	0	0.58	0	2_Hrzn_Diff	81.1	371	24.22	50.92	1004.5917	0	0	0.58	0	2_Hrzn_Diff
0.0166	0.014	2.11	0	1_Hrzn_Diff	84.9	372	56.46	22.39	1662.759	0.0166	0.014	2.11	0	1_Hrzn_Diff
0	0	0.4	0	L-o-S	83.8	373	55.79	inf	45392.8579	0	0	0.4	0	L-o-S
0	0	0.75	0	L-o-S	83.0	374	54.97	inf	49930.5192	0	0	0.75	0	L-o-S
0	0	1.21	0	L-o-S	82.2	375	54.21	inf	54530.8713	0	0	1.21	0	L-o-S
0	0	1.28	0	2_Hrzn_Diff	81.5	376	49.29	26.25	1638.4141	0	0	1.28	0	2_Hrzn_Diff
0.048	0.0296	0.31	0	1_Hrzn_Diff	80.8	377	45.16	29.69	9785.2299	0.048	0.0296	0.31	0	1_Hrzn_Diff
0	0	1.12	0	L-o-S	80.2	378	52.22	inf	68875.6639	0	0	1.12	0	L-o-S
0.0189	0.017	1.41	0	1_Hrzn_Diff	79.6	379	49.87	23.84	914.7977	0.0189	0.017	1.41	0	1_Hrzn_Diff
0	0	1.62	0	2_Hrzn_Diff	79.1	380	49.66	23.51	2025.7277	0	0	1.62	0	2_Hrzn_Diff
0	0	3.02	0	2_Hrzn_Diff	77.2	381	41.59	29.7	185.7434	0	0	3.02	0	2_Hrzn_Diff
0.0909	0.0155	1.96	0	1_Hrzn_Diff	78.0	382	35.72	36.38	16370.0462	0.0909	0.0155	1.96	0	1_Hrzn_Diff
0	0	0.66	0	L-o-S	92.9	383	74.13	inf	15795.3382	0	0	0.66	0	L-o-S
0	0	0	0	L-o-S	90.8	384	62.79	inf	20234.8443	0	0	0	0	L-o-S
0	0	2.11	0	L-o-S	88.7	385	60.72	inf	25691.0693	0	0	2.11	0	L-o-S
0	0	1.12	0	L-o-S	87.1	386	59.12	inf	30880.781	0	0	1.12	0	L-o-S
0	0	3.91	0	L-o-S	86.0	387	58.03	inf	35033.4166	0	0	3.91	0	L-o-S
0	0	2.66	0	L-o-S	84.9	388	56.86	inf	40105.0295	0	0	2.66	0	L-o-S
0	0	1.39	0	L-o-S	84.1	389	56.08	inf	43891.0398	0	0	1.39	0	L-o-S
0	0	2.81	0	L-o-S	82.9	390	54.91	inf	50317.9051	0	0	2.81	0	L-o-S
0	0	4.01	0	L-o-S	82.3	391	54.28	inf	54133.4077	0	0	4.01	0	L-o-S
0.0293	0.0111	2.42	0	1_Hrzn_Diff	81.5	392	47.91	27.64	3728.0153	0.0293	0.0111	2.42	0	1_Hrzn_Diff
0	0	0.06	0	2_Hrzn_Diff	80.8	393	55.41	19.46	799.1099	0	0	0.06	0	2_Hrzn_Diff
0	0	5.31	0	L-o-S	80.1	394	52.17	inf	69238.9303	0	0	5.31	0	L-o-S
0.0149	0.0198	3.26	0	1_Hrzn_Diff	79.6	395	52.69	20.97	925.5873	0.0149	0.0198	3.26	0	1_Hrzn_Diff
0	0	3.39	0	L-o-S	78.9	396	50.95	inf	79891.0965	0	0	3.39	0	L-o-S
0	0	0.82	0	2_Hrzn_Diff	78.5	397	45.89	26.67	2434.0286	0	0	0.82	0	2_Hrzn_Diff
0.096	0.0224	1.68	0	1_Hrzn_Diff	78.0	398	46.12	25.99	9045.751	0.096	0.0224	1.68	0	1_Hrzn_Diff
0	0	3.51	0	L-o-S	93.4	399	71.44	inf	47351.5335	0	0	3.51	0	L-o-S
0	0	1.81	0	2_Hrzn_Diff	84.9	400	68.95	16.2	1227.001	0	0	1.81	0	2_Hrzn_Diff
0	0	3.27	0	2_Hrzn_Diff	85.2	401	73.49	11.92	1993.8006	0	0	3.27	0	2_Hrzn_Diff
0	0	0.23	0	L-o-S	98.5	402	78.51	inf	26368.0419	0	0	0.23	0	L-o-S
0.0145	0.0185	3.98	0	1_Hrzn_Diff	91.1	403	68.56	22.58	2797.2605	0.0145	0.0185	3.98	0	1_Hrzn_Diff
0	0	0.3	0	L-o-S	100.1	404	87.62	inf	21871.5846	0	0	0.3	0	L-o-S
0	0	2.63	0	2_Hrzn_Diff	88.2	405	58.66	29.64	12148.4834	0	0	2.63	0	2_Hrzn_Diff
0	0	2.1	0	2_Hrzn_Diff	89.2	406	46.39	42.92	907.4743	0	0	2.1	0	2_Hrzn_Diff
0	0	3.25	0	L-o-S	90.0	407	68.03	inf	70511.3581	0	0	3.25	0	L-o-S
0.0236	0.0223	0.16	0	1_Hrzn_Diff	92.5	408	70.08	22.46	2303.8808	0.0236	0.0223	0.16	0	1_Hrzn_Diff
0	0	0.17	0	L-o-S	96.6	409	74.59	inf	32898.5635	0	0	0.17	0	L-o-S
0.0134	0.0131	2.64	0	1_Hrzn_Diff	98.5	410	74.81	23.69	1507.5808	0.0134	0.0131	2.64	0	1_Hrzn_Diff
0	0	2.8	0	L-o-S	85.2	412	88.75	inf	23016.0564	0	0	2.8	0	L-o-S
0.0508	0.0247	1.06	0	1_Hrzn_Diff	99.7	413	62.87	27.67	12655.786	0.0508	0.0247	1.06	0	1_Hrzn_Diff
0	0	0.33	0	2_Hrzn_Diff	90.5	414	73.65	15.15	1455.3364	0	0	0.33	0	2_Hrzn_Diff
0.0076	0.0166	1.21	0	1_Hrzn_Diff	88.7	415	70.72	24.25	1241.1323	0.0076	0.0166	1.21	0	1_Hrzn_Diff
0	0	1.63	0	L-o-S	94.9	416	63.38	inf	123334.6779	0	0	1.63	0	L-o-S
0	0	0.84	0	2_Hrzn_Diff	85.1	417	63.79	26.11	1330.9733	0	0	0.84	0	2_Hrzn_Diff
0.0191	0.0146	1.9	0	1_Hrzn_Diff	89.8	418	59.29	27.86	5405.8689	0.0191	0.0146	1.9	0	1_Hrzn_Diff
0.0167	0.0203	0.15	0	1_Hrzn_Diff	87.0	419	74.2	17.78	1448.8942	0.0167	0.0203	0.15	0	1_Hrzn_Diff
0	0	0.8	0	L-o-S	91.9	420	70.21	inf	54656.4552	0	0	0.8	0	L-o-S
0.0354	0.0254	0.39	0	1_Hrzn_Diff	92.2	421	52.15	34.25	12992.7729	0.0354	0.0254	0.39	0	1_Hrzn_Diff
0.0399	0.0275	0.04	0	1_Hrzn_Diff	86.2	422	61.74	27.99	7615.6872	0.0399	0.0275	0.04	0	1_Hrzn_Diff
0	0	2.1	0	2_Hrzn_Diff	89.7	423	66.78	20.09	1174.5945	0	0	2.1	0	2_Hrzn_Diff

0	0	1.12	0	L-o-S					86.7			424	70.96	inf	50079.4256	0	0	1.12	0	L-o-S
0	0	1.58	0	L-o-S					92.9			425	73.5	inf	37334.0893	0	0	1.58	0	L-o-S
0	0	0.36	0	L-o-S					95.5			426	73.16	inf	38807.7167	0	0	0.36	0	L-o-S
0	0	2.68	0	L-o-S					95.1			427	66.3	inf	86492.901	0	0	2.68	0	L-o-S
0.0446	0.0209	1.29	0	1_Hrzn_Diff					88.2			428	50.12	35.08	18998.7473	0.0446	0.0209	1.29	0	1_Hrzn_Diff
0.016	0.0168	1.39	0	1_Hrzn_Diff					84.9			429	63.52	24.11	3571.5637	0.016	0.0168	1.39	0	1_Hrzn_Diff
0	0	0.94	0	L-o-S					87.5			430	71.65	inf	46245.2628	0	0	0.94	0	L-o-S
0	0	2.15	0	2_Hrzn_Diff					93.6			431	60.33	28.78	1426.2277	0	0	2.15	0	2_Hrzn_Diff
0	0	1.4	0	L-o-S					89.0			432	71.76	inf	45659.5734	0	0	1.4	0	L-o-S
0.0309	0.0242	0.33	0	1_Hrzn_Diff					93.7			433	54.59	32.37	10518.5062	0.0309	0.0242	0.33	0	1_Hrzn_Diff
0	0	0.28	0	L-o-S					86.8			434	70	inf	56000.612	0	0	0.28	0	L-o-S
0	0	2.14	0	L-o-S					92.0			435	69.18	inf	61598.7208	0	0	2.14	0	L-o-S
0	0	0.89	0	L-o-S					91.1			436	67.89	inf	71567.5883	0	0	0.89	0	L-o-S
0	0	4.71	0	L-o-S					89.8			437	71.28	inf	48247.311	0	0	4.71	0	L-o-S
0	0	2.25	0	2_Hrzn_Diff					93.3			438	66.4	19.84	484.9341	0	0	2.25	0	2_Hrzn_Diff
0.0797	0.0164	1.86	0	1_Hrzn_Diff					86.1			439	60.42	27.8	13500.5184	0.0797	0.0164	1.86	0	1_Hrzn_Diff
0	0	0.82	0	L-o-S					88.1			440	73.4	inf	37737.3456	0	0	0.82	0	L-o-S
0	0	2.41	0	2_Hrzn_Diff					95.4			441	60.19	25.88	1194.8351	0	0	2.41	0	2_Hrzn_Diff
0.0081	0.018	0.09	0	1_Hrzn_Diff					85.9			442	68.57	25.56	1329.5182	0.0081	0.018	0.09	0	1_Hrzn_Diff
0.0182	0.0126	2.48	0	1_Hrzn_Diff					94.1			443	72.35	23.06	2361.9564	0.0182	0.0126	2.48	0	1_Hrzn_Diff
0	0	0.92	0	L-o-S					95.4			444	72.01	inf	44340.9877	0	0	0.92	0	L-o-S
0	0	0.68	0	2_Hrzn_Diff					94.0			445	47.74	44	1283.8178	0	0	0.68	0	2_Hrzn_Diff
0	0	2.03	0	L-o-S					91.7			446	68.56	inf	66258.5543	0	0	2.03	0	L-o-S
0	0	0.45	0	L-o-S					90.5			447	75.54	inf	29477.2655	0	0	0.45	0	L-o-S
0	0	3.28	0	2_Hrzn_Diff					97.5			448	66.41	23.65	1908.8165	0	0	3.28	0	2_Hrzn_Diff
0	0	1.27	0	L-o-S					90.0			449	73.57	inf	37023.3563	0	0	1.27	0	L-o-S
0	0	0.21	0	L-o-S					95.6			450	75.33	inf	41739.9829	0	0	0.21	0	L-o-S
0.059	0.0192	1.58	0	1_Hrzn_Diff					94.5			451	55.5	31.31	15768.5496	0.059	0.0192	1.58	0	1_Hrzn_Diff
0	0	2.34	0	L-o-S					86.7			452	77.78	inf	34446.9894	0	0	2.34	0	L-o-S
0	0	0.7	0	L-o-S					96.2			453	68.37	inf	67730.9378	0	0	0.7	0	L-o-S
0.0116	0.0177	0.94	0	1_Hrzn_Diff					90.3			454	75.45	20.87	1603.2161	0.0116	0.0177	0.94	0	1_Hrzn_Diff
0	0	1.28	0	2_Hrzn_Diff					96.3			455	69.93	15.53	1253.3801	0	0	1.28	0	2_Hrzn_Diff
0	0	0.69	0	L-o-S					85.2			456	74.86	inf	35026.4089	0	0	0.69	0	L-o-S
0.0311	0.0235	0.56	0	1_Hrzn_Diff					96.0			457	50.73	34.58	8717.2201	0.0311	0.0235	0.56	0	1_Hrzn_Diff
0	0	0.2	0	2_Hrzn_Diff					85.1			458	59.19	29.85	2253.3772	0	0	0.2	0	2_Hrzn_Diff
0	0	0.87	0	2_Hrzn_Diff					88.9			459	52.55	33.74	1698.8258	0	0	0.87	0	2_Hrzn_Diff
0	0	1.4	0	2_Hrzn_Diff					86.1			460	74.76	14.44	1659.028	0	0	1.4	0	2_Hrzn_Diff
0	0	1.02	0	L-o-S					89.1			461	94.99	inf	14779.8245	0	0	1.02	0	L-o-S
0.0135	0.0154	4.91	0	1_Hrzn_Diff					103.5			462	65.05	22	1172.925	0.0135	0.0154	4.91	0	1_Hrzn_Diff
0	0	0.23	0	L-o-S					86.9			463	71.07	inf	49427.5294	0	0	0.23	0	L-o-S
0	0	3.58	0	2_Hrzn_Diff					93.0			464	62.99	22.45	1431.0827	0	0	3.58	0	2_Hrzn_Diff
0	0	0.68	0	2_Hrzn_Diff					85.2			465	69.58	16.16	2331.5819	0	0	0.68	0	2_Hrzn_Diff
0	0	0.89	0	L-o-S					85.5			466	70.36	inf	53733.2801	0	0	0.89	0	L-o-S
0	0	0.82	0	L-o-S					92.3			467	68.47	inf	66888.7471	0	0	0.82	0	L-o-S
0	0	2.1	0	2_Hrzn_Diff					90.4			468	46.39	42.92	907.4743	0	0	2.1	0	2_Hrzn_Diff
0	0	3.38	0	L-o-S					89.2			469	76.9	inf	25571.9861	0	0	3.38	0	L-o-S
0	0	3.04	0	2_Hrzn_Diff					98.8			470	61.64	24.15	13162.9277	0	0	3.04	0	2_Hrzn_Diff
0	0	1.11	0	2_Hrzn_Diff					85.6			472	53.87	32.52	2484.6855	0	0	1.11	0	2_Hrzn_Diff
0	0	1.21	0	2_Hrzn_Diff					#REF!			473	71.21	14.06	1414.4277	0	0	1.21	0	2_Hrzn_Diff
0	0	3.15	0	2_Hrzn_Diff					86.2			474	74.07	11.43	4317.52	0	0	3.15	0	2_Hrzn_Diff
0	0	0.82	0	L-o-S					85.0			475	67.78	inf	72582.3369	0	0	0.82	0	L-o-S
0	0	2.48	0	L-o-S					85.3			476	71.74	inf	45765.9813	0	0	2.48	0	L-o-S
0	0	0.21	0	L-o-S					89.7			477	64.81	inf	103227.1692	0	0	0.21	0	L-o-S

0	0	0.1	0	2_Hrzn_Diff	93.7	478	55.68	35.46	2207.1079	0	0	0.1	0	2_Hrzn_Diff
0	0	2.15	0	2_Hrzn_Diff	86.6	479	74.94	10.27	8765.9747	0	0	2.15	0	2_Hrzn_Diff
0	0	0.52	0	2_Hrzn_Diff	91.1	480	47.46	43.9	1389.5488	0	0	0.52	0	2_Hrzn_Diff
0	0	3.72	0	L-o-S	85.0	481	70.72	inf	51507.9835	0	0	3.72	0	L-o-S
0	0	0.99	0	L-o-S	91.3	482	74.86	inf	38266.4662	0	0	0.99	0	L-o-S
0	0	0	0	L-o-S	92.7	483	107.53	inf	3958.6093	0	0	0	0	L-o-S
0	0	4.41	0	2_Hrzn_Diff	95.3	484	71.96	18.09	11022.9916	0	0	4.41	0	2_Hrzn_Diff
0	0	0.24	0	L-o-S	114.9	485	65.29	inf	97483.4782	0	0	0.24	0	L-o-S
0	0	0.81	0	2_Hrzn_Diff	90.0	486	65.1	20.17	3305.4212	0	0	0.81	0	2_Hrzn_Diff
0	0	1	0	L-o-S	87.1	487	70.83	inf	50854.9537	0	0	1	0	L-o-S
0	0	1.11	0	L-o-S	85.0	488	70.81	inf	50973.835	0	0	1.11	0	L-o-S
0	0	0.64	0	L-o-S	92.8	489	68.38	inf	67655.7835	0	0	0.64	0	L-o-S
0	0	0.11	0	L-o-S	92.8	490	73.69	inf	36522.3629	0	0	0.11	0	L-o-S
0	0	1.66	0	L-o-S	90.3	491	64.25	inf	110956.2937	0	0	1.66	0	L-o-S
0.0132	0.0137	5.5	0	1_Hrzn_Diff	95.7	492	64.51	24.11	2640.92	0.0132	0.0137	5.5	0	1_Hrzn_Diff
0	0	2.48	0	L-o-S	86.0	493	71.74	inf	45765.9813	0	0	2.48	0	L-o-S
0	0	4.64	0	L-o-S	88.5	494	68.07	inf	70148.1329	0	0	4.64	0	L-o-S
0	0	0.4	0	L-o-S	93.7	495	72.02	inf	44300.9418	0	0	0.4	0	L-o-S
0	0	0.54	0	L-o-S	90.0	496	71.16	inf	48940.4464	0	0	0.54	0	L-o-S
0	0	3.24	0	L-o-S	94.0	497	90.08	inf	19525.4177	0	0	3.24	0	L-o-S
0	0	0.46	0	L-o-S	93.1	498	80.63	inf	27162.5291	0	0	0.46	0	L-o-S
0	0	0.67	0	L-o-S	101.1	499	72.91	inf	39961.5933	0	0	0.67	0	L-o-S
0	0	3.13	0	2_Hrzn_Diff	98.2	500	72.49	17.73	3777.5431	0	0	3.13	0	2_Hrzn_Diff
0	0	0.04	0	L-o-S	94.9	501	79.4	inf	22958.7376	0	0	0.04	0	L-o-S
0	0	3.02	0	L-o-S	89.5	502	70.11	inf	55271.9624	0	0	3.02	0	L-o-S
0	0	0	0	L-o-S	95.8	503	77.68	inf	23071.9454	0	0	0	0	L-o-S
0	0	0	0	L-o-S	92.0	504	80.34	inf	16956.359	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.6	505	73.37	inf	38022.8162	0	0	0	0	L-o-S
0	0	1.61	0	L-o-S	102.3	506	72.79	inf	40682.7004	0	0	1.61	0	L-o-S
0	0	0	0	L-o-S	95.3	507	78.73	inf	20424.5712	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.7	508	75.69	inf	29042.3606	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.7	509	82.82	inf	12742.4176	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.7	510	73.79	inf	36184.5618	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.8	511	75.32	inf	30322.3254	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.7	512	87.03	inf	9966.1803	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.3	513	109.09	inf	3634.6487	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.9	514	73.85	inf	35958.8867	0	0	0	0	L-o-S
0	0	0	0	L-o-S	115.8	515	78.92	inf	19975.7399	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.8	516	87.5	inf	9753.3124	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.9	517	80.58	inf	16492.7524	0	0	0	0	L-o-S
0	0	3.72	0	L-o-S	107.1	518	70.15	inf	55491.6322	0	0	3.72	0	L-o-S
0	0	0	0	L-o-S	102.6	519	83.11	inf	12328.7844	0	0	0	0	L-o-S
0	0	0	0	L-o-S	92.0	520	86.79	inf	11297.1718	0	0	0	0	L-o-S
0.0122	0.0173	1.14	0	1_Hrzn_Diff	105.1	521	71.16	25.58	647.9966	0.0122	0.0173	1.14	0	1_Hrzn_Diff
0	0	0	0	L-o-S	105.9	522	78.92	inf	19971.2087	0	0	0	0	L-o-S
0	0	0	0	L-o-S	96.7	523	75.91	inf	28296.1637	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.9	524	79.79	inf	18080.8251	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.9	525	71.6	inf	46798.5267	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.8	526	79.94	inf	17763.1123	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.5	527	109.67	inf	3377.255	0	0	0	0	L-o-S
0	0	1.37	0	L-o-S	101.9	528	79.14	inf	19483.7054	0	0	1.37	0	L-o-S
0	0	0	0	L-o-S	116.3	529	78.44	inf	21119.395	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.1	530	78.18	inf	21758.4985	0	0	0	0	L-o-S

0	0	0	0	L-o-S	100.4	531	72.15	inf	43829.5933	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.2	532	77.9	inf	22475.0639	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.1	533	73.68	inf	36663.0213	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.9	534	112.41	inf	1970.5924	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.6	535	93.61	inf	7672.5993	0	0	0	0	L-o-S
0	0	0	0	L-o-S	120.9	536	80.23	inf	17170.2774	0	0	0	0	L-o-S
0	0	0	0	L-o-S	109.2	537	81.63	inf	14610.6293	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.2	538	82.39	inf	14041.7165	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.6	539	85.84	inf	11268.6888	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.0	540	106.59	inf	5017.558	0	0	0	0	L-o-S
0	0	0	0	L-o-S	105.9	541	78.87	inf	20089.5948	0	0	0	0	L-o-S
0	0	0	0	L-o-S	112.9	542	78.02	inf	22179.2135	0	0	0	0	L-o-S
0	0	2.58	0	L-o-S	100.9	543	79.81	inf	18034.2337	0	0	2.58	0	L-o-S
0	0	0	0	L-o-S	100.0	544	111.76	inf	2442.692	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.8	545	76.48	inf	26507.2747	0	0	0	0	L-o-S
0	0	0	0	L-o-S	119.3	546	77.23	inf	24302.5113	0	0	0	0	L-o-S
0	0	0	0	L-o-S	98.5	547	77.8	inf	22745.8076	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.2	548	80.68	inf	16300.3641	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.8	549	72.52	inf	41994.2085	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.7	550	80.28	inf	17075.8275	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.5	551	79.9	inf	17854.454	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.3	552	75.51	inf	29661.1854	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.9	553	72.05	inf	44380.5699	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.5	554	80.06	inf	17508.7976	0	0	0	0	L-o-S
0	0	0	0	L-o-S	94.0	555	73.92	inf	35651.5738	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.1	556	81.05	inf	15632.1112	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.9	557	79.66	inf	18344.3928	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.1	558	85	inf	10743.9669	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.7	559	107.36	inf	4541.3414	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.3	560	85.06	inf	11290.7549	0	0	0	0	L-o-S
0	0	0	0	L-o-S	113.9	561	80.84	inf	16005.2184	0	0	0	0	L-o-S
0	0	0	0	L-o-S	105.9	562	73.47	inf	37598.7272	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.8	563	109.76	inf	3319.7056	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.4	564	105.46	inf	5991.3059	0	0	0	0	L-o-S
0	0	0	0	L-o-S	116.5	565	112.6	inf	1605.1761	0	0	0	0	L-o-S
0	0	0	0	L-o-S	111.4	566	78.92	inf	19975.7399	0	0	0	0	L-o-S
0	0	0.95	0	L-o-S	122.8	567	75.33	inf	30255.0757	0	0	0.95	0	L-o-S
0	0	0	0	L-o-S	100.9	568	80.48	inf	16680.9408	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.3	569	85.67	inf	10945.4841	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.5	570	79.62	inf	18425.2002	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.2	571	74.05	inf	35115.5833	0	0	0	0	L-o-S
0	0	3.37	0	L-o-S	101.6	572	75.61	inf	29319.4298	0	0	3.37	0	L-o-S
0	0	0	0	L-o-S	96.0	573	75.53	inf	29560.2	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.6	574	71.47	inf	47485.9896	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.5	575	74.15	inf	34731.8562	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.4	576	77.97	inf	22301.8844	0	0	0	0	L-o-S
0	0	0	0	L-o-S	96.1	577	71.07	inf	49809.7764	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.0	578	76.93	inf	25161.2357	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.0	579	79.36	inf	18993.7032	0	0	0	0	L-o-S
0	0	0	0	L-o-S	98.9	580	74	inf	35311.4199	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.3	581	84.93	inf	10416.4497	0	0	0	0	L-o-S
0	0	0	0	L-o-S	96.0	582	94.18	inf	8002.254	0	0	0	0	L-o-S
0	0	3.45	0	L-o-S	106.6	583	71.1	inf	49585.3486	0	0	3.45	0	L-o-S

0	0	0	0	L-o-S	108.9	584	76.66	inf	25946.5999	0	0	0	0	L-o-S
0	0	0.58	0	L-o-S	93.0	585	73.12	inf	39156.2738	0	0	0.58	0	L-o-S
0	0	0	0	L-o-S	98.7	586	109.8	inf	3307.7135	0	0	0	0	L-o-S
0	0	0	0	L-o-S	95.1	587	75.68	inf	29059.7022	0	0	0	0	L-o-S
0	0	0	0	L-o-S	116.5	588	85.22	inf	11572.307	0	0	0	0	L-o-S
0	0	0	0	L-o-S	97.6	589	79.26	inf	19211.3935	0	0	0	0	L-o-S
0	0	0	0	L-o-S	105.6	590	105.47	inf	5992.1806	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.3	591	77.23	inf	24302.5113	0	0	0	0	L-o-S
0	0	0	0	L-o-S	111.4	592	78.18	inf	21758.4985	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.2	593	83.8	inf	12579.2206	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.2	594	111.28	inf	2691.8196	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.9	595	109.94	inf	3211.3925	0	0	0	0	L-o-S
0	0	0	0	L-o-S	118.3	596	80.04	inf	17550.8759	0	0	0	0	L-o-S
0	0	0	0	L-o-S	116.8	597	81.73	inf	14449.411	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.0	598	88.19	inf	8618.2995	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.8	599	95.8	inf	7363.5876	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.2	600	71.8	inf	45692.4402	0	0	0	0	L-o-S
0	0	0	0	L-o-S	109.5	601	78.18	inf	21758.4985	0	0	0	0	L-o-S
0	0	0	0	L-o-S	93.7	602	73.85	inf	35965.8419	0	0	0	0	L-o-S
0	0	0.21	0	2_Hrzn_Diff	100.2	603	53.97	49.73	865.8305	0	0	0.21	0	2_Hrzn_Diff
0	0	0.22	0	2_Hrzn_Diff	95.8	604	61.39	46.41	981.0098	0	0	0.22	0	2_Hrzn_Diff
0	0	3.18	0	L-o-S	103.6	605	82.9	inf	43982.9258	0	0	3.18	0	L-o-S
0.0077	0.0149	2.1	0	1_Hrzn_Diff	107.8	606	80.18	22.26	2812.4335	0.0077	0.0149	2.1	0	1_Hrzn_Diff
0	0	0.56	0	L-o-S	104.8	607	83.1	inf	42968.142	0	0	0.56	0	L-o-S
0.0116	0.0143	2.19	0	1_Hrzn_Diff	102.3	608	74.85	27.7	5520.4242	0.0116	0.0143	2.19	0	1_Hrzn_Diff
0	0	4.22	0	2_Hrzn_Diff	105.0	609	67.44	35.01	1547.4561	0	0	4.22	0	2_Hrzn_Diff
0.0067	0.0176	0.18	0	1_Hrzn_Diff	102.4	610	88.28	19.6	2177.2437	0.0067	0.0176	0.18	0	1_Hrzn_Diff
0	0	2.32	0	L-o-S	102.3	611	79.47	inf	33442.9495	0	0	2.32	0	L-o-S
0	0	0.61	0	2_Hrzn_Diff	107.9	612	71.23	22.05	8641.597	0	0	0.61	0	2_Hrzn_Diff
0	0	1.95	0	L-o-S	101.4	613	78.97	inf	35435.545	0	0	1.95	0	L-o-S
0	0	3.41	0	L-o-S	93.0	614	72.35	inf	78624.9048	0	0	3.41	0	L-o-S
0	0	2.23	0	2_Hrzn_Diff	100.9	615	76.89	17.78	6666.8057	0	0	2.23	0	2_Hrzn_Diff
0	0	0	0	L-o-S	94.0	616	107.56	inf	5902.8389	0	0	0	0	L-o-S
0	0	0.81	0	L-o-S	94.5	617	88.57	inf	21221.2655	0	0	0.81	0	L-o-S
0	0	1.71	0	2_Hrzn_Diff	116.5	618	75.43	18.09	19363.3591	0	0	1.71	0	2_Hrzn_Diff
0	0	0.7	0	L-o-S	105.4	619	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	0.64	0	L-o-S	93.3	620	90.36	inf	17910.0832	0	0	0.64	0	L-o-S
0	0	0.37	0	2_Hrzn_Diff	96.8	621	59.26	37.31	708.2147	0	0	0.37	0	2_Hrzn_Diff
0	0	1.35	0	2_Hrzn_Diff	106.9	622	74.39	18.99	886.4124	0	0	1.35	0	2_Hrzn_Diff
0	0	0.67	0	L-o-S	96.4	623	76.81	inf	45444.8778	0	0	0.67	0	L-o-S
0	0	0.7	0	2_Hrzn_Diff	92.9	624	70.36	23.6	14556.7392	0	0	0.7	0	2_Hrzn_Diff
0.0129	0.0191	3.41	0	1_Hrzn_Diff	98.8	625	77.17	19.49	1595.8358	0.0129	0.0191	3.41	0	1_Hrzn_Diff
0	0	2.84	0	2_Hrzn_Diff	93.7	626	70.05	23.6	1895.7372	0	0	2.84	0	2_Hrzn_Diff
0	0	0.34	0	2_Hrzn_Diff	96.5	627	70.02	27.19	492.9381	0	0	0.34	0	2_Hrzn_Diff
0	0	0.1	0	2_Hrzn_Diff	93.2	628	74.18	21.46	1984.702	0	0	0.1	0	2_Hrzn_Diff
0	0	0.54	0	2_Hrzn_Diff	97.1	629	71.78	23.34	2797.4636	0	0	0.54	0	2_Hrzn_Diff
0	0	0.02	0	2_Hrzn_Diff	95.5	630	76.01	18.86	3819.4969	0	0	0.02	0	2_Hrzn_Diff
0	0	2.81	0	2_Hrzn_Diff	94.9	631	76.02	19.37	1267.5247	0	0	2.81	0	2_Hrzn_Diff
0.0527	0.0297	0.59	0	1_Hrzn_Diff	94.7	632	64.01	33.57	14969.027	0.0527	0.0297	0.59	0	1_Hrzn_Diff
0	0	3.63	0	L-o-S	95.2	633	83.25	inf	24266.1483	0	0	3.63	0	L-o-S
0	0	4.47	0	2_Hrzn_Diff	97.5	634	67.95	29.09	667.8356	0	0	4.47	0	2_Hrzn_Diff
0	0	3.54	0	L-o-S	104.2	635	102.86	inf	8330.186	0	0	3.54	0	L-o-S
0	0	2.45	0	2_Hrzn_Diff	96.9	636	75.62	22.43	3580.1599	0	0	2.45	0	2_Hrzn_Diff

0	0	0	0	L-o-S	113.5	638	89.82	inf	17914.5364	0	0	0	0	L-o-S
0	0	2.71	0	2_Hrzn_Diff	98.0	639	65.67	29.48	1433.0632	0	0	2.71	0	2_Hrzn_Diff
0	0	5.22	0	2_Hrzn_Diff	#REF!	640	76.39	17.11	1459.3901	0	0	5.22	0	2_Hrzn_Diff
0.0156	0.0134	5.46	0	1_Hrzn_Diff	106.9	641	77.08	22.26	1865.7098	0.0156	0.0134	5.46	0	1_Hrzn_Diff
0	0	0.43	0	2_Hrzn_Diff	95.0	642	81.11	12.53	1739.0977	0	0	0.43	0	2_Hrzn_Diff
0	0	3.41	0	L-o-S	93.2	643	72.35	inf	78624.9048	0	0	3.41	0	L-o-S
0.0168	0.0165	4.63	0	1_Hrzn_Diff	99.3	644	74.91	21.56	2453.8175	0.0168	0.0165	4.63	0	1_Hrzn_Diff
0	0	1.74	0	L-o-S	93.3	645	97.04	inf	14505.7572	0	0	1.74	0	L-o-S
0	0	1.93	0	2_Hrzn_Diff	94.0	646	53.04	41.35	853.3703	0	0	1.93	0	2_Hrzn_Diff
0	0	1.51	0	2_Hrzn_Diff	96.3	647	78.11	16.28	1555.4993	0	0	1.51	0	2_Hrzn_Diff
0.0071	0.0145	2.47	0	1_Hrzn_Diff	108.7	648	71.51	28.25	702.17	0.0071	0.0145	2.47	0	1_Hrzn_Diff
0	0	1.61	0	2_Hrzn_Diff	94.2	649	80.1	13.04	2815.8008	0	0	1.61	0	2_Hrzn_Diff
0.0299	0.0181	4.53	0	1_Hrzn_Diff	94.1	650	61.82	31.81	7986.628	0.0299	0.0181	4.53	0	1_Hrzn_Diff
0	0	5.31	0	L-o-S	99.7	651	77.14	inf	43973.2416	0	0	5.31	0	L-o-S
0	0	0.37	0	L-o-S	92.8	652	73.18	inf	70573.6182	0	0	0.37	0	L-o-S
0	0	3.07	0	L-o-S	93.3	653	94.19	inf	11926.2072	0	0	3.07	0	L-o-S
0.0229	0.0175	1.38	0	1_Hrzn_Diff	99.0	654	65.81	29.71	6869.6424	0.0229	0.0175	1.38	0	1_Hrzn_Diff
0	0	0.7	0	L-o-S	94.9	655	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	0.04	0	L-o-S	110.4	656	73	inf	71910.6624	0	0	0.04	0	L-o-S
0	0	0	0	L-o-S	95.3	657	88.55	inf	18610.7645	0	0	0	0	L-o-S
0	0	5.23	0	2_Hrzn_Diff	96.8	658	75.21	19.97	3164.1983	0	0	5.23	0	2_Hrzn_Diff
0	0	3.32	0	2_Hrzn_Diff	94.8	659	66.41	29.6	1375.3527	0	0	3.32	0	2_Hrzn_Diff
0	0	0	0	L-o-S	106.5	660	107.24	inf	5914.6544	0	0	0	0	L-o-S
0.2424	0.125	3.74	0	1_Hrzn_Diff	95.0	661	66.29	27.32	35917.7919	0.2424	0.125	3.74	0	1_Hrzn_Diff
0	0	3.46	0	L-o-S	95.8	662	73.98	inf	63651.0032	0	0	3.46	0	L-o-S
0	0	0.96	0	2_Hrzn_Diff	116.5	663	67.25	26.08	635.334	0	0	0.96	0	2_Hrzn_Diff
0	0	1.18	0	L-o-S	93.4	664	85.68	inf	24063.2892	0	0	1.18	0	L-o-S
0	0	0.06	0	2_Hrzn_Diff	95.8	665	75.33	19.2	1606.7566	0	0	0.06	0	2_Hrzn_Diff
0	0	4.75	0	L-o-S	93.0	666	107.56	inf	7284.0933	0	0	4.75	0	L-o-S
0	0	0.26	0	L-o-S	104.3	667	84.8	inf	25361.2942	0	0	0.26	0	L-o-S
0	0	1.41	0	2_Hrzn_Diff	94.3	668	65.42	27.83	1118.8845	0	0	1.41	0	2_Hrzn_Diff
0.0279	0.0225	0.58	0	1_Hrzn_Diff	114.7	669	67.71	25.88	5194.3646	0.0279	0.0225	0.58	0	1_Hrzn_Diff
0	0	3.32	0	2_Hrzn_Diff	103.8	670	73.25	21.11	4513.4118	0	0	3.32	0	2_Hrzn_Diff
0	0	5.43	0	2_Hrzn_Diff	92.9	671	74.49	24.59	630.7951	0	0	5.43	0	2_Hrzn_Diff
0	0	0.51	0	2_Hrzn_Diff	93.3	672	61.49	33.83	868.4098	0	0	0.51	0	2_Hrzn_Diff
0	0	1.23	0	L-o-S	94.1	673	81.44	inf	26528.7346	0	0	1.23	0	L-o-S
0.0153	0.0193	3.71	0	1_Hrzn_Diff	99.0	674	77.94	20.27	1587.631	0.0153	0.0193	3.71	0	1_Hrzn_Diff
0	0	0.57	0	2_Hrzn_Diff	95.1	675	75.66	17.97	6487.8817	0	0	0.57	0	2_Hrzn_Diff
0.0175	0.0201	0.46	0	1_Hrzn_Diff	103.5	676	78.27	19.79	1619.0063	0.0175	0.0201	0.46	0	1_Hrzn_Diff
0	0	2.48	0	L-o-S	98.1	677	81.2	inf	27334.8477	0	0	2.48	0	L-o-S
0	0	0.15	0	2_Hrzn_Diff	93.4	678	93.75	1.49	5944.7273	0	0	0.15	0	2_Hrzn_Diff
0.0283	0.0113	2.42	0	1_Hrzn_Diff	98.0	679	56.5	36.84	11092.7972	0.0283	0.0113	2.42	0	1_Hrzn_Diff
0	0	4.67	0	L-o-S	103.2	680	77.52	inf	41962.1517	0	0	4.67	0	L-o-S
0	0	0.86	0	2_Hrzn_Diff	95.1	681	71.59	25.5	879.0563	0	0	0.86	0	2_Hrzn_Diff
0	0	0.67	0	L-o-S	92.9	682	76.81	inf	45444.8778	0	0	0.67	0	L-o-S
0	0	0.7	0	L-o-S	99.5	683	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	0.7	0	L-o-S	97.0	684	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	0	0	L-o-S	98.8	685	106.52	inf	5499.7056	0	0	0	0	L-o-S
0.0163	0.0143	2.04	0	1_Hrzn_Diff	96.8	686	67.72	26.13	3659.0996	0.0163	0.0143	2.04	0	1_Hrzn_Diff
0	0	0.7	0	L-o-S	96.8	687	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	3.51	0	L-o-S	117.1	688	80.84	inf	28538.348	0	0	3.51	0	L-o-S
0	0	0.56	0	2_Hrzn_Diff	93.5	689	74.12	32.27	444.5139	0	0	0.56	0	2_Hrzn_Diff
0	0	3.31	0	2_Hrzn_Diff	96.8	690	82.14	15.25	2895.8139	0	0	3.31	0	2_Hrzn_Diff

0	0	1.16	0	2_Hrzn_Diff	102.8	691	71.17	25.86	1165.3499	0	0	1.16	0	2_Hrzn_Diff
0	0	0.1	0	L-o-S	106.4	692	75.25	inf	54678.0853	0	0	0.1	0	L-o-S
0.0847	0.0314	1.17	0	1_Hrzn_Diff	97.3	693	60.6	33.32	21235.802	0.0847	0.0314	1.17	0	1_Hrzn_Diff
0	0	0.24	0	2_Hrzn_Diff	96.9	694	74.86	18.45	5252.2861	0	0	0.24	0	2_Hrzn_Diff
0	0	0.41	0	2_Hrzn_Diff	97.2	695	39.37	53.7	5781.0107	0	0	0.41	0	2_Hrzn_Diff
0	0	0.18	0	2_Hrzn_Diff	93.7	696	60.26	33.55	608.4856	0	0	0.18	0	2_Hrzn_Diff
0.0362	0.024	3.87	0	1_Hrzn_Diff	93.0	697	62.7	33.08	11827.9152	0.0362	0.024	3.87	0	1_Hrzn_Diff
0	0	3.34	0	L-o-S	92.8	698	89.67	inf	19403.268	0	0	3.34	0	L-o-S
0.0397	0.0074	3.09	0	1_Hrzn_Diff	93.5	699	64.19	33.49	7544.4227	0.0397	0.0074	3.09	0	1_Hrzn_Diff
0	0	5.39	0	L-o-S	95.6	701	82.49	inf	23548.4944	0	0	5.39	0	L-o-S
0	0	0.7	0	L-o-S	106.2	702	74.91	inf	56927.6497	0	0	0.7	0	L-o-S
0	0	4.4	0	2_Hrzn_Diff	97.6	703	76.25	18.1	1890.7799	0	0	4.4	0	2_Hrzn_Diff
0	0	1.86	0	L-o-S	#REF!	704	72.58	inf	76107.3706	0	0	1.86	0	L-o-S
0	0	4.69	0	L-o-S	104.5	705	75.8	inf	51542.2085	0	0	4.69	0	L-o-S
0	0	4.08	0	2_Hrzn_Diff	96.8	706	81.77	15.48	2395.8423	0	0	4.08	0	2_Hrzn_Diff
0	0	0.17	0	2_Hrzn_Diff	94.1	707	60.31	33.41	986.7784	0	0	0.17	0	2_Hrzn_Diff
0	0	0.45	0	L-o-S	94.3	708	100.73	inf	9117.1034	0	0	0.45	0	L-o-S
0	0	1.52	0	L-o-S	97.7	709	76.27	inf	48601.1881	0	0	1.52	0	L-o-S
0	0	2.46	0	2_Hrzn_Diff	97.2	710	74.55	18.79	3294.7727	0	0	2.46	0	2_Hrzn_Diff
0.0128	0.0135	2.46	0	1_Hrzn_Diff	93.5	711	80.37	21.35	1125.3301	0.0128	0.0135	2.46	0	1_Hrzn_Diff
0	0	0.47	0	2_Hrzn_Diff	112.7	712	69.25	25.75	18912.8763	0	0	0.47	0	2_Hrzn_Diff
0	0	3.85	0	2_Hrzn_Diff	98.2	713	64.23	34.56	1637.9494	0	0	3.85	0	2_Hrzn_Diff
0	0	0.62	0	2_Hrzn_Diff	93.0	714	50.84	46.2	8525.2956	0	0	0.62	0	2_Hrzn_Diff
0	0	2.13	0	2_Hrzn_Diff	101.7	715	67.27	27.26	5964.1391	0	0	2.13	0	2_Hrzn_Diff
0	0	2.83	0	2_Hrzn_Diff	94.8	716	74.37	23.27	1754.7284	0	0	2.83	0	2_Hrzn_Diff
0	0	0.15	0	L-o-S	98.7	717	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0	0	2.31	0	2_Hrzn_Diff	97.0	718	63.72	44.78	833.7724	0	0	2.31	0	2_Hrzn_Diff
0	0	1.98	0	1_Hrzn_Diff	94.3	719	65.67	49.47	564.0116	0	0	1.98	0	1_Hrzn_Diff
0	0	0.99	0	L-o-S	97.5	720	109.52	inf	8879.768	0	0	0.99	0	L-o-S
0	0	0.75	0	L-o-S	127.9	721	104.23	inf	12011.1844	0	0	0.75	0	L-o-S
0	0	5.69	0	2_Hrzn_Diff	108.5	722	61.28	47.48	648.6017	0	0	5.69	0	2_Hrzn_Diff
0.0033	0.0158	1.64	0	1_Hrzn_Diff	115.3	723	102.79	15.16	624.7147	0.0033	0.0158	1.64	0	1_Hrzn_Diff
0	0	3.8	0	2_Hrzn_Diff	121.6	724	65.18	37.58	1292.6491	0	0	3.8	0	2_Hrzn_Diff
0.0111	0.0187	3.28	0	1_Hrzn_Diff	119.0	725	83.14	21.59	2682.8219	0.0111	0.0187	3.28	0	1_Hrzn_Diff
0	0	1.97	0	L-o-S	108.7	726	103.81	inf	13238.0607	0	0	1.97	0	L-o-S
0	0	2.44	0	L-o-S	123.2	727	107.49	inf	10920.1865	0	0	2.44	0	L-o-S
0	0	1.92	0	2_Hrzn_Diff	102.6	728	58.59	60.23	1042.6531	0	0	1.92	0	2_Hrzn_Diff
0	0	3.4	0	2_Hrzn_Diff	104.6	729	58.71	44.22	1564.8226	0	0	3.4	0	2_Hrzn_Diff
0	0	4.72	0	2_Hrzn_Diff	118.2	730	45.34	63.25	596.8285	0	0	4.72	0	2_Hrzn_Diff
0	0	2.09	0	2_Hrzn_Diff	119.9	731	62.21	43.89	870.5586	0	0	2.09	0	2_Hrzn_Diff
0	0	4.18	0	L-o-S	123.5	732	85.81	inf	43830.1678	0	0	4.18	0	L-o-S
0	0	3.54	0	L-o-S	102.8	733	109.45	inf	8816.8196	0	0	3.54	0	L-o-S
0	0	1.48	0	L-o-S	108.6	734	109.29	inf	5414.6504	0	0	1.48	0	L-o-S
0	0	3.22	0	2_Hrzn_Diff	106.0	735	51.39	61.86	537.5622	0	0	3.22	0	2_Hrzn_Diff
0	0	0.95	0	L-o-S	107.8	736	108.38	inf	9199.7181	0	0	0.95	0	L-o-S
0	0	0.05	0	2_Hrzn_Diff	121.7	737	64.78	42.7	876.6127	0	0	0.05	0	2_Hrzn_Diff
0	0	0.15	0	L-o-S	126.0	738	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0	0	2.31	0	2_Hrzn_Diff	113.2	739	62.05	49.99	1099.7074	0	0	2.31	0	2_Hrzn_Diff
0	0	2.05	0	2_Hrzn_Diff	121.3	740	64.44	52	787.044	0	0	2.05	0	2_Hrzn_Diff
0.0153	0.0169	4.49	0	1_Hrzn_Diff	107.4	741	81.55	25.6	4581.3828	0.0153	0.0169	4.49	0	1_Hrzn_Diff
0	0	0.96	0	2_Hrzn_Diff	127.9	742	81.58	23.24	1921.9616	0	0	0.96	0	2_Hrzn_Diff
0	0	3.8	0	2_Hrzn_Diff	112.0	743	56.87	49.46	866.5533	0	0	3.8	0	2_Hrzn_Diff
0	0	1.85	0	2_Hrzn_Diff	116.9	744	67.5	41.64	982.6575	0	0	1.85	0	2_Hrzn_Diff

0.0072	0.017	0.94	0	1_Hrzn_Diff	107.1	745	84.35	24.83	1442.7573	0.0072	0.017	0.94	0	1_Hrzn_Diff
0.0077	0.0142	2.66	0	1_Hrzn_Diff	104.7	746	85.99	18.77	1298.4266	0.0077	0.0142	2.66	0	1_Hrzn_Diff
0	0	0.15	0	L-o-S	106.3	747	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0	0	0.43	0	2_Hrzn_Diff	109.1	748	65.97	42.92	2070.6986	0	0	0.43	0	2_Hrzn_Diff
0.005	0.0171	3.42	0	1_Hrzn_Diff	109.2	749	92.34	24.33	738.706	0.005	0.0171	3.42	0	1_Hrzn_Diff
0	0	0.47	0	2_Hrzn_Diff	104.7	750	72.68	32.94	1920.8678	0	0	0.47	0	2_Hrzn_Diff
0.0064	0.0157	1.66	0	1_Hrzn_Diff	127.9	751	86	21.57	953.3417	0.0064	0.0157	1.66	0	1_Hrzn_Diff
0	0	0.6	0	L-o-S	108.9	752	111.34	inf	8366.1808	0	0	0.6	0	L-o-S
0.0058	0.0173	3.35	0	1_Hrzn_Diff	117.5	753	83.47	24.55	594.2741	0.0058	0.0173	3.35	0	1_Hrzn_Diff
0	0	0.43	0	L-o-S	105.5	754	103.77	inf	13815.2043	0	0	0.43	0	L-o-S
0	0	2.75	0	2_Hrzn_Diff	107.5	755	54.7	53.68	988.1254	0	0	2.75	0	2_Hrzn_Diff
0	0	3.44	0	2_Hrzn_Diff	122.1	756	62.76	50.25	815.6171	0	0	3.44	0	2_Hrzn_Diff
0	0	2.76	0	L-o-S	108.0	757	102.46	inf	13744.849	0	0	2.76	0	L-o-S
0.0071	0.0142	2.84	0	1_Hrzn_Diff	117.8	758	86.05	19.97	1066.2018	0.0071	0.0142	2.84	0	1_Hrzn_Diff
0	0	2.4	0	2_Hrzn_Diff	108.4	759	62.68	55.98	735.2901	0	0	2.4	0	2_Hrzn_Diff
0	0	0.15	0	L-o-S	113.0	760	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0.0049	0.015	2.35	0	1_Hrzn_Diff	117.9	761	80.88	24.46	656.2391	0.0049	0.015	2.35	0	1_Hrzn_Diff
0	0	1.14	0	L-o-S	106.0	762	89.22	inf	29534.9292	0	0	1.14	0	L-o-S
0	0	2.4	0	2_Hrzn_Diff	124.0	763	65.7	43.12	5146.8608	0	0	2.4	0	2_Hrzn_Diff
0	0	0.34	0	2_Hrzn_Diff	127.9	764	59.36	52.56	2060.6492	0	0	0.34	0	2_Hrzn_Diff
0	0	1.7	0	2_Hrzn_Diff	105.3	765	60.27	43.48	865.1154	0	0	1.7	0	2_Hrzn_Diff
0	0	1.12	0	2_Hrzn_Diff	111.2	766	60.98	46.39	590.5637	0	0	1.12	0	2_Hrzn_Diff
0	0	1.48	0	L-o-S	108.8	767	86.91	inf	38586.4543	0	0	1.48	0	L-o-S
0	0	0.09	0	2_Hrzn_Diff	111.9	768	49.84	53.5	700.8175	0	0	0.09	0	2_Hrzn_Diff
0	0	0.15	0	L-o-S	103.6	769	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0.0063	0.0175	3.28	0	1_Hrzn_Diff	107.3	770	94.54	23.93	1546.857	0.0063	0.0175	3.28	0	1_Hrzn_Diff
0.0155	0.0188	0.82	0	1_Hrzn_Diff	108.9	771	78.94	25.57	4537.3085	0.0155	0.0188	0.82	0	1_Hrzn_Diff
0	0	1.96	0	2_Hrzn_Diff	103.2	772	61.65	43.3	708.7969	0	0	1.96	0	2_Hrzn_Diff
0	0	2.84	0	L-o-S	127.9	773	111.01	inf	5237.1933	0	0	2.84	0	L-o-S
0	0	1.23	0	L-o-S	121.8	774	102.15	inf	13635.9324	0	0	1.23	0	L-o-S
0.0068	0.0153	1.9	0	1_Hrzn_Diff	104.4	775	86.66	26.93	1221.8447	0.0068	0.0153	1.9	0	1_Hrzn_Diff
0	0	3.28	0	L-o-S	104.9	776	86.43	inf	40790.913	0	0	3.28	0	L-o-S
0	0	5.96	0	L-o-S	126.3	777	110.66	inf	4895.4434	0	0	5.96	0	L-o-S
0	0	5.57	0	L-o-S	117.9	778	109.62	inf	7950.9015	0	0	5.57	0	L-o-S
0	0	4.59	0	L-o-S	113.6	779	107.96	inf	3603.3834	0	0	4.59	0	L-o-S
0.0035	0.0162	1.21	0	1_Hrzn_Diff	108.4	780	95.1	20.73	790.5835	0.0035	0.0162	1.21	0	1_Hrzn_Diff
0	0	3.38	0	2_Hrzn_Diff	126.8	781	62.11	51.45	570.6517	0	0	3.38	0	2_Hrzn_Diff
0	0	5.49	0	2_Hrzn_Diff	122.6	782	57.9	60.56	803.7275	0	0	5.49	0	2_Hrzn_Diff
0	0	0.54	0	2_Hrzn_Diff	129.5	783	59.43	51.51	552.7635	0	0	0.54	0	2_Hrzn_Diff
0	0	1.3	0	2_Hrzn_Diff	124.9	784	62.56	40.67	607.298	0	0	1.3	0	2_Hrzn_Diff
0.0067	0.0176	0.11	0	1_Hrzn_Diff	113.6	785	97.12	19.09	1016.3437	0.0067	0.0176	0.11	0	1_Hrzn_Diff
0	0	1.4	0	2_Hrzn_Diff	121.8	786	42.39	65.7	566.2307	0	0	1.4	0	2_Hrzn_Diff
0.0037	0.0153	2.21	0	1_Hrzn_Diff	110.9	787	94.6	21.01	565.3768	0.0037	0.0153	2.21	0	1_Hrzn_Diff
0	0	2.26	0	L-o-S	103.1	788	102.51	inf	13403.7396	0	0	2.26	0	L-o-S
0	0	3.03	0	L-o-S	117.0	789	103.08	inf	13217.4533	0	0	3.03	0	L-o-S
0	0	1.04	0	2_Hrzn_Diff	108.1	790	65.13	43.82	970.71	0	0	1.04	0	2_Hrzn_Diff
0	0	0.97	0	L-o-S	116.1	791	107.95	inf	3385.3364	0	0	0.97	0	L-o-S
0	0	0.05	0	2_Hrzn_Diff	118.1	792	73.03	36.31	1387.3143	0	0	0.05	0	2_Hrzn_Diff
0	0	2.96	0	L-o-S	118.2	793	110.14	inf	9463.5068	0	0	2.96	0	L-o-S
0	0	0.15	0	L-o-S	108.9	794	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0	0	1.55	0	L-o-S	130.0	795	111.09	inf	6110.3115	0	0	1.55	0	L-o-S
0	0	2.62	0	L-o-S	109.3	796	112.45	inf	8488.52	0	0	2.62	0	L-o-S
0	0	0.38	0	2_Hrzn_Diff	121.1	797	80.96	23.8	1244.6065	0	0	0.38	0	2_Hrzn_Diff

0	0	1.85	0	2_Hrzn_Diff	127.9	798	59.62	47.88	928.165	0	0	1.85	0	2_Hrzn_Diff
0	0	0.04	0	2_Hrzn_Diff	124.9	799	33.64	75.64	607.2473	0	0	0.04	0	2_Hrzn_Diff
0	0	0.32	0	2_Hrzn_Diff	122.0	800	61.34	46.24	6253.7373	0	0	0.32	0	2_Hrzn_Diff
0	0	2.71	0	L-o-S	104.7	801	108.97	inf	4719.0002	0	0	2.71	0	L-o-S
0	0	3.22	0	L-o-S	107.5	802	103.51	inf	14027.8423	0	0	3.22	0	L-o-S
0	0	0.88	0	2_Hrzn_Diff	109.2	803	62.77	50.89	1576.9641	0	0	0.88	0	2_Hrzn_Diff
0	0	0.5	0	2_Hrzn_Diff	107.5	804	64.04	39.15	579.2396	0	0	0.5	0	2_Hrzn_Diff
0	0	0.16	0	2_Hrzn_Diff	127.2	805	52.95	58.26	1053.7409	0	0	0.16	0	2_Hrzn_Diff
0	0	0.94	0	L-o-S	117.7	806	113.98	inf	7742.4811	0	0	0.94	0	L-o-S
0	0	0.97	0	2_Hrzn_Diff	113.6	807	81.99	21.98	4663.388	0	0	0.97	0	2_Hrzn_Diff
0	0	2.63	0	2_Hrzn_Diff	103.1	808	79.36	28.1	585.7074	0	0	2.63	0	2_Hrzn_Diff
0	0	3.23	0	2_Hrzn_Diff	111.2	809	68.9	35.65	846.6027	0	0	3.23	0	2_Hrzn_Diff
0	0	1.22	0	2_Hrzn_Diff	122.9	810	56.96	58.87	489.771	0	0	1.22	0	2_Hrzn_Diff
0	0	5.38	0	2_Hrzn_Diff	103.9	811	68.08	37.78	648.2487	0	0	5.38	0	2_Hrzn_Diff
0	0	1.5	0	2_Hrzn_Diff	107.4	812	70.68	33.19	4268.1641	0	0	1.5	0	2_Hrzn_Diff
0.0137	0.0143	2.09	0	1_Hrzn_Diff	104.5	813	88.23	24.85	4201.4404	0.0137	0.0143	2.09	0	1_Hrzn_Diff
0.0056	0.0163	1.29	0	1_Hrzn_Diff	116.3	814	91.51	25.6	723.9614	0.0056	0.0163	1.29	0	1_Hrzn_Diff
0	0	3.39	0	2_Hrzn_Diff	105.8	815	58.75	51.46	1031.7225	0	0	3.39	0	2_Hrzn_Diff
0.0068	0.0144	2.58	0	1_Hrzn_Diff	103.8	816	85.28	19.62	1041.5562	0.0068	0.0144	2.58	0	1_Hrzn_Diff
0	0	0.15	0	L-o-S	113.1	817	107.15	inf	4341.9536	0	0	0.15	0	L-o-S
0	0	2.7	0	2_Hrzn_Diff	117.6	818	66.81	48.41	992.1483	0	0	2.7	0	2_Hrzn_Diff
0	0	0.04	0	2_Hrzn_Diff	110.2	819	57.59	57.44	803.1988	0	0	0.04	0	2_Hrzn_Diff
0	0	4.61	0	L-o-S	104.8	820	99.63	inf	16600.6039	0	0	4.61	0	L-o-S
0.0053	0.0146	2.75	0	1_Hrzn_Diff	127.9	821	69.27	21.84	2348.0646	0.0053	0.0146	2.75	0	1_Hrzn_Diff
0	0	4.26	0	2_Hrzn_Diff	115.4	822	43.23	44.74	1728.2123	0	0	4.26	0	2_Hrzn_Diff
0	0	5	0	2_Hrzn_Diff	115.2	823	56.08	34.84	1895.0569	0	0	5	0	2_Hrzn_Diff
0	0	3.82	0	2_Hrzn_Diff	116.2	824	46.75	56.07	739.5342	0	0	3.82	0	2_Hrzn_Diff
0	0	2.77	0	2_Hrzn_Diff	90.8	825	83.02	31.92	1496.6074	0	0	2.77	0	2_Hrzn_Diff
0	0	2.17	0	2_Hrzn_Diff	87.2	826	58.05	42.55	1502.0318	0	0	2.17	0	2_Hrzn_Diff
0	0	0	0	L-o-S	90.7	827	81.99	inf	24896.6706	0	0	0	0	L-o-S
0	0	0	0	L-o-S	102.8	828	84.06	inf	19457.0936	0	0	0	0	L-o-S
0	0	0	0	L-o-S	115.1	829	79.12	inf	34902.8228	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.6	830	78.47	inf	37649.3338	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.0	831	86.02	inf	17690.1276	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.1	832	81.57	inf	26237.3925	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.1	833	97.56	inf	10850.5276	0	0	0	0	L-o-S
0	0	4.38	0	L-o-S	100.4	834	78.27	inf	38537.7122	0	0	4.38	0	L-o-S
0	0	0	0	L-o-S	107.0	835	79.78	inf	32287.7157	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.6	836	106.24	inf	6850.2137	0	0	0	0	L-o-S
0	0	0	0	L-o-S	111.2	837	105.83	inf	6658.9339	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.2	838	79.61	inf	32925.9285	0	0	0	0	L-o-S
0	0	4.18	0	L-o-S	101.7	839	82.73	inf	22852.4288	0	0	4.18	0	L-o-S
0	0	0	0	L-o-S	115.1	840	102.55	inf	8179.8018	0	0	0	0	L-o-S
0	0	0	0	L-o-S	115.4	841	84.21	inf	18993.8682	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.6	842	75.66	inf	52447.2584	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.7	843	91.38	inf	14897.3696	0	0	0	0	L-o-S
0	0	0	0	L-o-S	113.6	844	93.19	inf	14333.7236	0	0	0	0	L-o-S
0.0075	0.0162	4.54	0	1_Hrzn_Diff	106.3	845	75.22	25.79	657.2543	0.0075	0.0162	4.54	0	1_Hrzn_Diff
0	0	0	0	L-o-S	97.5	846	82.97	inf	22236.9858	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.5	847	81.84	inf	25334.8966	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.8	848	89.69	inf	15360.745	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.9	849	77.2	inf	43676.3518	0	0	0	0	L-o-S
0	0	0	0	L-o-S	105.0	850	87.64	inf	14738.2114	0	0	0	0	L-o-S

0	0	0	0	L-o-S	103.9	851	106.67	inf	5566.381	0	0	0	0	L-o-S
0	0	0.44	0	L-o-S	108.2	852	88.58	inf	17900.9604	0	0	0.44	0	L-o-S
0	0	0	0	L-o-S	99.1	853	82.31	inf	24004.3027	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.6	854	82.03	inf	24795.6393	0	0	0	0	L-o-S
0	0	3.33	0	L-o-S	117.0	855	77.78	inf	40787.8952	0	0	3.33	0	L-o-S
0	0	0	0	L-o-S	106.9	856	81.84	inf	25354.7782	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.3	857	79.43	inf	33631.5397	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.0	858	108.99	inf	1786.9065	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.7	859	106.15	inf	6550.0963	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.8	860	84.36	inf	18664.3154	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.4	861	91.13	inf	14652.5754	0	0	0	0	L-o-S
0	0	0	0	L-o-S	126.8	862	93.27	inf	13418.2487	0	0	0	0	L-o-S
0	0	0	0	L-o-S	115.5	863	100.75	inf	9374.1044	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.5	864	103.73	inf	8049.5811	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.6	865	85.02	inf	17284.9953	0	0	0	0	L-o-S
0	0	0	0	L-o-S	109.4	866	84.18	inf	19060.5129	0	0	0	0	L-o-S
0	0	0	0	L-o-S	112.5	867	83.37	inf	21065.0804	0	0	0	0	L-o-S
0	0	0	0	L-o-S	113.9	868	106.05	inf	5167.2192	0	0	0	0	L-o-S
0	0	0	0	L-o-S	107.2	869	82.42	inf	23688.8637	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.3	870	81.29	inf	27108.0248	0	0	0	0	L-o-S
0	0	0	0	L-o-S	105.4	871	82.65	inf	23065.4564	0	0	0	0	L-o-S
0	0	0	0	L-o-S	117.6	872	94.11	inf	14102.5621	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.4	873	78.17	inf	38963.7718	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.3	874	85.31	inf	19358.2294	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.6	875	91.42	inf	15291.8972	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.9	876	81.36	inf	26861.5481	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.1	877	77.64	inf	41508.2732	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.2	878	90.72	inf	15229.0227	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.2	879	78.27	inf	38524.2724	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.3	880	94.3	inf	12836.8645	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.6	881	86.93	inf	15844.8748	0	0	0	0	L-o-S
0	0	0	0	L-o-S	108.3	882	105.67	inf	7859.2429	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.2	883	106.38	inf	5181.9599	0	0	0	0	L-o-S
0	0	0	0	L-o-S	109.8	884	94.8	inf	9709.5543	0	0	0	0	L-o-S
0	0	0	0	L-o-S	107.9	885	84.22	inf	18969.7767	0	0	0	0	L-o-S
0	0	0	0	L-o-S	114.0	886	79.22	inf	34479.8784	0	0	0	0	L-o-S
0	0	0	0	L-o-S	117.6	887	106.24	inf	6356.5826	0	0	0	0	L-o-S
0	0	0	0	L-o-S	112.2	888	106.32	inf	5249.6239	0	0	0	0	L-o-S
0	0	0	0	L-o-S	106.3	889	105.13	inf	4463.0108	0	0	0	0	L-o-S
0	0	4.18	0	L-o-S	101.2	890	82.73	inf	22852.4288	0	0	4.18	0	L-o-S
0	0	0	0	L-o-S	115.8	891	79.54	inf	33207.1036	0	0	0	0	L-o-S
0	0	0	0	L-o-S	117.6	892	92.35	inf	13874.0916	0	0	0	0	L-o-S
0	0	0	0	L-o-S	118.9	893	98.55	inf	10800.3572	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.7	894	88.94	inf	15849.3266	0	0	0	0	L-o-S
0	0	3.5	0	L-o-S	101.5	895	79.84	inf	32085.2696	0	0	3.5	0	L-o-S
0	0	1.24	0	L-o-S	109.1	896	81.55	inf	26282.5641	0	0	1.24	0	L-o-S
0	0	1.38	0	L-o-S	111.2	897	79.82	inf	32132.3782	0	0	1.38	0	L-o-S
0	0	0	0	L-o-S	107.9	898	77.06	inf	44446.6836	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.8	899	79.96	inf	31613.1707	0	0	0	0	L-o-S
0	0	1.6	0	L-o-S	103.5	900	82.32	inf	23971.8061	0	0	1.6	0	L-o-S
0	0	0	0	L-o-S	101.8	901	76.61	inf	46860.2349	0	0	0	0	L-o-S
0	0	0	0	L-o-S	99.0	902	81.2	inf	27374.048	0	0	0	0	L-o-S
0	0	0	0	L-o-S	101.9	903	89.25	inf	16116.5328	0	0	0	0	L-o-S

0	0	0	0	L-o-S	104.3	904	78.35	inf	38186.6315	0	0	0	0	L-o-S
0	0	0	0	L-o-S	98.5	905	100.5	inf	9078.5811	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.2	906	105.86	inf	4976.2085	0	0	0	0	L-o-S
0	0	0	0	L-o-S	107.8	907	76.66	inf	46549.9111	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.3	908	82.51	inf	23441.3261	0	0	0	0	L-o-S
0	0	3.12	0	L-o-S	112.7	909	78.82	inf	36118.5553	0	0	3.12	0	L-o-S
0	0	0	0	L-o-S	117.9	910	105.28	inf	4626.6137	0	0	0	0	L-o-S
0	0	1.59	0	L-o-S	98.6	911	81.59	inf	26175.9316	0	0	1.59	0	L-o-S
0	0	0	0	L-o-S	104.5	912	93.72	inf	13993.7473	0	0	0	0	L-o-S
0	0	0	0	L-o-S	100.8	913	88.75	inf	16482.0646	0	0	0	0	L-o-S
0	0	0	0	L-o-S	118.7	914	105.84	inf	3849.1428	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.6	915	81.29	inf	27108.0248	0	0	0	0	L-o-S
0	0	0	0	L-o-S	109.0	916	82.03	inf	24795.6393	0	0	0	0	L-o-S
0	0	0	0	L-o-S	107.6	917	99.94	inf	10526.2931	0	0	0	0	L-o-S
0	0	0	0	L-o-S	120.3	918	108.27	inf	3040.2224	0	0	0	0	L-o-S
0	0	0	0	L-o-S	103.3	919	106.26	inf	3664.9746	0	0	0	0	L-o-S
0	0	0	0	L-o-S	104.0	920	84.69	inf	17958.3179	0	0	0	0	L-o-S
0	0	0	0	L-o-S	111.5	921	94.1	inf	11991.0166	0	0	0	0	L-o-S
0	0	0	0	L-o-S	122.4	922	97.61	inf	11341.4819	0	0	0	0	L-o-S
0	0	0	0	L-o-S	120.6	923	105.52	inf	4714.1824	0	0	0	0	L-o-S
0	0	3.03	0	L-o-S	106.8	924	77.39	inf	42740.5179	0	0	3.03	0	L-o-S
0	0	0	0	L-o-S	110.3	925	82.03	inf	24795.6393	0	0	0	0	L-o-S
0	0	0	0	L-o-S	110.9	926	79.57	inf	33098.3391	0	0	0	0	L-o-S
0	0	0.88	0	L-o-S	118.5	927	82.33	inf	38562.3878	0	0	0.88	0	L-o-S
0	0	4.93	0	L-o-S	99.3	928	75.93	inf	50208.1933	0	0	4.93	0	L-o-S
0	0	1.52	0	L-o-S	104.0	929	75.41	inf	53431.1593	0	0	1.52	0	L-o-S
0	0	0.43	0	L-o-S	101.5	930	74.62	inf	58666.3095	0	0	0.43	0	L-o-S
0	0	0.23	0	L-o-S	100.2	931	72.37	inf	77039.8249	0	0	0.23	0	L-o-S
0	0	0	0	L-o-S	97.9	932	90.32	inf	25967.0833	0	0	0	0	L-o-S
0	0	2.68	0	L-o-S	97.4	933	69.7	inf	107393.5274	0	0	2.68	0	L-o-S
0	0	0.83	0	2_Hrzn_Diff	96.5	934	55.48	37.71	7080.1408	0	0	0.83	0	2_Hrzn_Diff
0	0	2.63	0	L-o-S	94.2	935	73.18	inf	69689.333	0	0	2.63	0	L-o-S
0	0	1.3	0	2_Hrzn_Diff	103.6	936	69.1	22.61	2786.6575	0	0	1.3	0	2_Hrzn_Diff
0	0	5.31	0	L-o-S	91.3	937	85.54	inf	32856.2918	0	0	5.31	0	L-o-S
0	0	1.4	0	L-o-S	93.0	938	74.56	inf	59093.1799	0	0	1.4	0	L-o-S
0	0	0.75	0	L-o-S	95.1	939	70.7	inf	94420.9386	0	0	0.75	0	L-o-S
0	0	4.25	0	L-o-S	91.4	940	84.96	inf	32020.0176	0	0	4.25	0	L-o-S
0.0063	0.0143	3.06	0	1_Hrzn_Diff	101.6	941	71.92	21.52	1982.1591	0.0063	0.0143	3.06	0	1_Hrzn_Diff
0	0	2.79	0	L-o-S	96.5	942	71.65	inf	83793.6097	0	0	2.79	0	L-o-S
0	0	2.27	0	L-o-S	92.4	943	70.21	inf	99175.1148	0	0	2.27	0	L-o-S
0	0	2.5	0	L-o-S	101.8	944	69.64	inf	106731.9723	0	0	2.5	0	L-o-S
0	0	1.6	0	L-o-S	93.2	945	76.03	inf	49625.8043	0	0	1.6	0	L-o-S
0	0	1.74	0	L-o-S	93.5	946	87.16	inf	29304.6606	0	0	1.74	0	L-o-S
0	0	5.17	0	L-o-S	92.0	947	71.63	inf	84305.6986	0	0	5.17	0	L-o-S
0	0	0.89	0	L-o-S	91.4	948	75.75	inf	50981.5352	0	0	0.89	0	L-o-S
0	0	1.4	0	L-o-S	98.0	949	75.03	inf	55862.9434	0	0	1.4	0	L-o-S
0	0	3.11	0	L-o-S	102.6	950	71.56	inf	85000.568	0	0	3.11	0	L-o-S
0	0	1.79	0	L-o-S	93.4	951	73.21	inf	69459.8518	0	0	1.79	0	L-o-S
0	0	3.86	0	L-o-S	97.8	952	89.61	inf	24984.0144	0	0	3.86	0	L-o-S
0.0121	0.0161	1.53	0	1_Hrzn_Diff	97.0	953	62.24	29.65	5976.6485	0.0121	0.0161	1.53	0	1_Hrzn_Diff
0	0	1.12	0	L-o-S	93.3	954	71.87	inf	81479.046	0	0	1.12	0	L-o-S
0	0	0.99	0	L-o-S	95.1	955	80.47	inf	40382.1616	0	0	0.99	0	L-o-S
0	0	3.78	0	L-o-S	104.0	956	74.6	inf	58753.3523	0	0	3.78	0	L-o-S

0	0	1.34	0	L-o-S	91.6	957	74.56	inf	59131.7435	0	0	1.34	0	L-o-S
0	0	3.46	0	L-o-S	93.7	958	80.61	inf	42455.6305	0	0	3.46	0	L-o-S
0	0	1.09	0	L-o-S	99.8	959	74.16	inf	61948.8472	0	0	1.09	0	L-o-S
0	0	0.56	0	L-o-S	96.5	960	74.41	inf	60142.1638	0	0	0.56	0	L-o-S
0.0144	0.0187	0.76	0	1_Hrzn_Diff	96.5	961	64.41	27.57	6601.7587	0.0144	0.0187	0.76	0	1_Hrzn_Diff
0	0	0.08	0	L-o-S	99.3	962	69.99	inf	102073.7887	0	0	0.08	0	L-o-S
0	0	0.64	0	L-o-S	96.1	963	90.97	inf	22534.2925	0	0	0.64	0	L-o-S
0	0	0	0	L-o-S	96.3	964	89.31	inf	26595.4959	0	0	0	0	L-o-S
0	0	0	0	L-o-S	91.7	965	87.92	inf	30764.7729	0	0	0	0	L-o-S
0	0	1.09	0	L-o-S	91.7	966	74.16	inf	61948.8472	0	0	1.09	0	L-o-S
0.0147	0.0178	1.08	0	1_Hrzn_Diff	104.9	967	61.18	31.18	8188.8802	0.0147	0.0178	1.08	0	1_Hrzn_Diff
0	0	2.29	0	L-o-S	103.4	968	74.19	inf	61744.2178	0	0	2.29	0	L-o-S
0	0	1.93	0	L-o-S	102.1	969	73.93	inf	63637.7656	0	0	1.93	0	L-o-S
0.0055	0.0147	2.52	0	1_Hrzn_Diff	96.1	970	71.2	20.93	1254.0837	0.0055	0.0147	2.52	0	1_Hrzn_Diff
0	0	3.34	0	L-o-S	92.1	971	72.81	inf	72747.7903	0	0	3.34	0	L-o-S
0	0	4.76	0	L-o-S	96.1	972	72.94	inf	71870.1842	0	0	4.76	0	L-o-S
0	0	0.28	0	L-o-S	95.8	973	74.19	inf	61714.1837	0	0	0.28	0	L-o-S
0	0	1.57	0	2_Hrzn_Diff	91.9	974	48.91	45.25	1726.891	0	0	1.57	0	2_Hrzn_Diff
0	0	2.7	0	2_Hrzn_Diff	94.7	975	59.44	33.44	7072.6504	0	0	2.7	0	2_Hrzn_Diff
0.0081	0.0147	2.23	0	1_Hrzn_Diff	94.8	976	75.46	19.96	1918.9293	0.0081	0.0147	2.23	0	1_Hrzn_Diff
0	0	2.09	0	L-o-S	96.1	977	74.4	inf	60109.4691	0	0	2.09	0	L-o-S
0.0147	0.0178	1.08	0	1_Hrzn_Diff	94.0	978	61.18	31.18	8188.8802	0.0147	0.0178	1.08	0	1_Hrzn_Diff
0	0	3.5	0	L-o-S	92.7	979	71.54	inf	84929.3815	0	0	3.5	0	L-o-S
0	0	0.41	0	2_Hrzn_Diff	95.3	980	67.43	27.91	1581.0936	0	0	0.41	0	2_Hrzn_Diff
0	0	3.83	0	L-o-S	96.3	981	72.51	inf	75710.0592	0	0	3.83	0	L-o-S
0	0	0	0	L-o-S	92.1	982	86.32	inf	31547.5824	0	0	0	0	L-o-S
0	0	2.81	0	2_Hrzn_Diff	93.3	983	55.87	35.47	13429.1525	0	0	2.81	0	2_Hrzn_Diff
0	0	1.99	0	L-o-S	95.2	984	80.52	inf	38951.0239	0	0	1.99	0	L-o-S
0	0	2.16	0	L-o-S	94.3	985	69.9	inf	104295.1107	0	0	2.16	0	L-o-S
0.0144	0.0187	0.76	0	1_Hrzn_Diff	102.0	986	64.41	27.57	6601.7587	0.0144	0.0187	0.76	0	1_Hrzn_Diff
0	0	3.84	0	L-o-S	91.0	987	75.05	inf	55656.011	0	0	3.84	0	L-o-S
0	0	3.59	0	2_Hrzn_Diff	100.1	988	58.9	34.92	2452.8545	0	0	3.59	0	2_Hrzn_Diff
0	0	1.7	0	2_Hrzn_Diff	91.6	989	53.48	37.59	14968.5393	0	0	1.7	0	2_Hrzn_Diff
0.0077	0.0178	3.39	0	1_Hrzn_Diff	91.7	990	74.5	21.57	2239.8414	0.0077	0.0178	3.39	0	1_Hrzn_Diff
0	0	1.96	0	L-o-S	97.0	991	83.79	inf	36449.3562	0	0	1.96	0	L-o-S
0	0	4.25	0	L-o-S	93.6	992	84.96	inf	32020.0176	0	0	4.25	0	L-o-S
0.024	0.0188	4.3	0	1_Hrzn_Diff	90.6	993	55.39	35.54	12453.3163	0.024	0.0188	4.3	0	1_Hrzn_Diff
0	0	1.41	0	L-o-S	96.0	994	71.27	inf	87419.7099	0	0	1.41	0	L-o-S
0	0	0.02	0	2_Hrzn_Diff	100.7	995	52.37	39.95	7934.6055	0	0	0.02	0	2_Hrzn_Diff
0	0	0.01	0	L-o-S	101.8	996	89.87	inf	25368.7865	0	0	0.01	0	L-o-S
0	0	1.26	0	L-o-S	90.6	997	78.96	inf	44187.6035	0	0	1.26	0	L-o-S
0.0062	0.0151	2.12	0	1_Hrzn_Diff	93.1	998	73.64	21.7	1238.3175	0.0062	0.0151	2.12	0	1_Hrzn_Diff
0	0	0.5	0	L-o-S	92.0	999	87.69	inf	28300.804	0	0	0.5	0	L-o-S
0	0	1.7	0	2_Hrzn_Diff	103.8	1000	53.48	37.59	14968.5393	0	0	1.7	0	2_Hrzn_Diff
0.028	0.0126	2.18	0	1_Hrzn_Diff	99.0	1001	54.2	37.28	20096.5631	0.028	0.0126	2.18	0	1_Hrzn_Diff
0.0158	0.0193	0.62	0	1_Hrzn_Diff	95.3	1002	63.62	29.4	6594.8901	0.0158	0.0193	0.62	0	1_Hrzn_Diff
0	0	0.11	0	L-o-S	102.9	1003	74.69	inf	58136.9722	0	0	0.11	0	L-o-S
0	0	1.17	0	L-o-S	90.6	1004	75.8	inf	50637.0311	0	0	1.17	0	L-o-S
0	0	0.28	0	L-o-S	91.2	1005	74.93	inf	56597.015	0	0	0.28	0	L-o-S
0	0	1.5	0	L-o-S	92.8	1006	75.4	inf	53479.9501	0	0	1.5	0	L-o-S
0	0	0	0	L-o-S	96.6	1007	89.39	inf	27366.3357	0	0	0	0	L-o-S
0	0	1.57	0	L-o-S	97.8	1008	74.53	inf	59134.5179	0	0	1.57	0	L-o-S
0	0	2.18	0	L-o-S	96.9	1009	85.59	inf	30674.678	0	0	2.18	0	L-o-S

0	0	3.33	0	L-o-S	97.3	1010	72.38	inf	76986.25	0	0	3.33	0	L-o-S
0	0	0.65	0	L-o-S	103.2	1011	71.32	inf	87370.4499	0	0	0.65	0	L-o-S
0	0	2.55	0	L-o-S	96.5	1012	72.24	inf	77983.082	0	0	2.55	0	L-o-S
0.0136	0.0193	0.3	0	1_Hrzn_Diff	102.2	1013	59.81	32.06	8619.473	0.0136	0.0193	0.3	0	1_Hrzn_Diff
0.0184	0.0137	2.15	0	1_Hrzn_Diff	94.2	1014	62.88	32.3	9070.0176	0.0184	0.0137	2.15	0	1_Hrzn_Diff
0.005	0.0169	0.64	0	1_Hrzn_Diff	93.1	1015	73.82	21.01	1451.7866	0.005	0.0169	0.64	0	1_Hrzn_Diff
0.006	0.016	4.6	0	1_Hrzn_Diff	94.1	1016	68.58	25.83	1159.1065	0.006	0.016	4.6	0	1_Hrzn_Diff
0	0	0	0	L-o-S	91.5	1017	104.11	inf	11831.583	0	0	0	0	L-o-S
0	0	2.83	0	2_Hrzn_Diff	95.1	1018	61.53	29.9	1493.3083	0	0	2.83	0	2_Hrzn_Diff
0	0	2.73	0	L-o-S	94.7	1019	74	inf	63170.1786	0	0	2.73	0	L-o-S
0	0	1.17	0	L-o-S	94.3	1020	75.8	inf	50637.0311	0	0	1.17	0	L-o-S
0	0	3.02	0	L-o-S	110.5	1021	71.8	inf	82326.636	0	0	3.02	0	L-o-S
0	0	0	0	L-o-S	91.0	1022	96.52	inf	18135.8181	0	0	0	0	L-o-S
0	0	0.95	0	2_Hrzn_Diff	95.9	1023	56.61	43.18	1326.3663	0	0	0.95	0	2_Hrzn_Diff
0	0	1.49	0	L-o-S	97.8	1024	69.68	inf	107176.8995	0	0	1.49	0	L-o-S
0	0	3.33	0	L-o-S	93.6	1025	72.38	inf	76986.25	0	0	3.33	0	L-o-S
0	0	0.75	0	L-o-S	106.8	1026	70.7	inf	94420.9386	0	0	0.75	0	L-o-S
0.0237	0.0209	0.72	0	1_Hrzn_Diff	99.9	1027	77.18	21.79	2344.3389	0.0237	0.0209	0.72	0	1_Hrzn_Diff
0	0	0	0	L-o-S	91.3	1028	107.37	inf	3331.2312	0	0	0	0	L-o-S
0.0277	0.0223	0.63	0	1_Hrzn_Diff	94.2	1029	76.46	25.93	5491.0968	0.0277	0.0223	0.63	0	1_Hrzn_Diff
0	0	1.59	0	L-o-S	92.4	1030	79.81	inf	32135.1509	0	0	1.59	0	L-o-S
0.0289	0.0112	2.43	0	1_Hrzn_Diff	98.9	1031	77.48	25.82	3374.5534	0.0289	0.0112	2.43	0	1_Hrzn_Diff
0	0	4.67	0	L-o-S	121.5	1032	95	inf	11873.7073	0	0	4.67	0	L-o-S
0	0	0.45	0	L-o-S	102.3	1033	109.45	inf	3674.3543	0	0	0.45	0	L-o-S
0	0	0.8	0	L-o-S	101.8	1034	97.4	inf	10256.3227	0	0	0.8	0	L-o-S
0.0195	0.0189	0.99	0	1_Hrzn_Diff	103.3	1035	87.91	20.08	1295.5122	0.0195	0.0189	0.99	0	1_Hrzn_Diff
0	0	0	0	L-o-S	110.4	1036	108.72	inf	4024.1664	0	0	0	0	L-o-S
0	0	3.95	0	2_Hrzn_Diff	120.6	1037	65.74	31.31	852.4273	0	0	3.95	0	2_Hrzn_Diff
0.0076	0.0164	1.32	0	1_Hrzn_Diff	111.7	1038	87.22	21.42	609.6616	0.0076	0.0164	1.32	0	1_Hrzn_Diff
0	0	1.31	0	L-o-S	108.0	1039	104.05	inf	7420.4589	0	0	1.31	0	L-o-S
0	0	5.43	0	2_Hrzn_Diff	119.9	1040	75.79	26.32	2833.7755	0	0	5.43	0	2_Hrzn_Diff
0	0	3.69	0	L-o-S	97.0	1041	84.85	inf	20907.6797	0	0	3.69	0	L-o-S
0	0	0	0	L-o-S	108.7	1042	98.96	inf	9318.5694	0	0	0	0	L-o-S
0	0	0.6	0	2_Hrzn_Diff	114.5	1043	74.25	21.31	397.162	0	0	0.6	0	2_Hrzn_Diff
0	0	4.12	0	L-o-S	102.1	1044	102.02	inf	8873.8916	0	0	4.12	0	L-o-S
0	0	0	0	L-o-S	105.5	1045	108.16	inf	4001.8952	0	0	0	0	L-o-S
0	0	1.7	0	L-o-S	112.5	1046	109.3	inf	5662.966	0	0	1.7	0	L-o-S
0	0	1.99	0	L-o-S	95.4	1047	86.13	inf	19279.2207	0	0	1.99	0	L-o-S
0.012	0.0166	1.36	0	1_Hrzn_Diff	112.9	1048	66.13	26.78	5685.0415	0.012	0.0166	1.36	0	1_Hrzn_Diff
0	0	0.04	0	2_Hrzn_Diff	119.9	1049	52.97	39.94	1840.0873	0	0	0.04	0	2_Hrzn_Diff
0	0	3.45	0	2_Hrzn_Diff	116.8	1050	47.2	43.84	1408.228	0	0	3.45	0	2_Hrzn_Diff
0.0314	0.0102	2.57	0	1_Hrzn_Diff	106.2	1051	68.77	29.46	15541.2663	0.0314	0.0102	2.57	0	1_Hrzn_Diff
0	0	1.38	0	2_Hrzn_Diff	92.8	1052	64.46	38.22	2037.5972	0	0	1.38	0	2_Hrzn_Diff
0.0073	0.0154	1.83	0	1_Hrzn_Diff	92.8	1053	72.23	24.27	2130.6253	0.0073	0.0154	1.83	0	1_Hrzn_Diff
0	0	0.32	0	2_Hrzn_Diff	90.9	1054	53.37	40.75	1883.6327	0	0	0.32	0	2_Hrzn_Diff
0	0	2.61	0	2_Hrzn_Diff	98.2	1055	36.08	55.06	1409.0809	0	0	2.61	0	2_Hrzn_Diff
0	0	1.69	0	2_Hrzn_Diff	102.7	1056	54	35.86	1292.9558	0	0	1.69	0	2_Hrzn_Diff
0.0091	0.0173	0.95	0	1_Hrzn_Diff	96.5	1057	69.65	22.17	3389.4345	0.0091	0.0173	0.95	0	1_Hrzn_Diff
0.0123	0.0168	4.46	0	1_Hrzn_Diff	94.1	1058	73.02	22.49	4018.2328	0.0123	0.0168	4.46	0	1_Hrzn_Diff
0	0	6.23	0	2_Hrzn_Diff	91.0	1059	70.59	18.55	1235.1139	0	0	6.23	0	2_Hrzn_Diff
0	0	1.08	0	2_Hrzn_Diff	89.7	1060	55.42	35.36	1904.3696	0	0	1.08	0	2_Hrzn_Diff
0	0	0.05	0	2_Hrzn_Diff	91.7	1061	42.14	49.11	1364.6567	0	0	0.05	0	2_Hrzn_Diff
0	0	1.05	0	2_Hrzn_Diff	95.5	1062	59.64	33.66	3063.3664	0	0	1.05	0	2_Hrzn_Diff

0	0	3.6	0	2_Hrzn_Diff	89.0	1063	50.79	42.46	1517.1404	0	0	3.6	0	2_Hrzn_Diff
0.0052	0.0151	2.2	0	1_Hrzn_Diff	90.7	1064	74.87	19.85	1553.4204	0.0052	0.0151	2.2	0	1_Hrzn_Diff
0	0	0.8	0	2_Hrzn_Diff	91.2	1065	56.97	32.57	1294.7397	0	0	0.8	0	2_Hrzn_Diff
0	0	0.54	0	2_Hrzn_Diff	93.2	1066	51.88	39.48	4046.1173	0	0	0.54	0	2_Hrzn_Diff
0	0	4.63	0	2_Hrzn_Diff	93.2	1067	41.48	48.33	1286.6937	0	0	4.63	0	2_Hrzn_Diff
0	0	3.74	0	2_Hrzn_Diff	94.7	1068	57.12	35.74	2017.0007	0	0	3.74	0	2_Hrzn_Diff
0	0	0	0	L-o-S	89.4	1069	89.6	inf	37561.5948	0	0	0	0	L-o-S

	path dist.									columns AH to AT sorted by strmode, frequency							calc	
f, MHz	true d, km	ERP	Measured	ILLR predict	ILLR error	ITWOM err	test num	rf field	adiffv2	dro	sps	saalosv	mpath	EC	strmode	fs	FSFC
61.25	62	100	70.3	66.8171	-3.4829	-1.74	403	68.56	22.58	2797.2605	0.0145	0.0185	3.98	0	1_Hrzn_Diff	104	195.1
61.25	52.5	100	69.8	62.8811	-6.9189	0.28	408	70.08	22.46	2303.8808	0.0236	0.0223	0.16	0	1_Hrzn_Diff	102.6	195.1
61.25	26.4	100	91.5	89.5484	-1.9516	-16.69	410	74.81	23.69	1507.5808	0.0134	0.0131	2.64	0	1_Hrzn_Diff	96.62	195.1
61.25	66.4	100	76.2	73.1902	-3.0098	-13.33	413	62.87	27.67	12655.786	0.0508	0.0247	1.06	0	1_Hrzn_Diff	104.6	195.1
61.25	39.7	100	81.8	83.7475	1.9475	-11.08	415	70.72	24.25	1241.1323	0.0076	0.0166	1.21	0	1_Hrzn_Diff	100.2	195.1
61.25	99.5	100	53.5	50.6785	-2.8215	5.79	418	59.29	27.86	5405.8689	0.0191	0.0146	1.9	0	1_Hrzn_Diff	108.1	195.1
61.25	56.1	100	67.4	61.2795	-6.1205	6.8	419	74.2	17.78	1448.8942	0.0167	0.0203	0.15	0	1_Hrzn_Diff	103.2	195.1
61.25	108.6	100	66.2	29.3161	-36.8839	-14.05	421	52.15	34.25	12992.7729	0.0354	0.0254	0.39	0	1_Hrzn_Diff	108.9	195.1
61.25	72.9	100	69.1	67.6279	-1.4721	-7.36	422	61.74	27.99	7615.6872	0.0399	0.0275	0.04	0	1_Hrzn_Diff	105.4	195.1
61.25	125.5	100	46.7	51.1002	4.4002	3.42	428	50.12	35.08	18998.7473	0.0446	0.0209	1.29	0	1_Hrzn_Diff	110.2	195.1
61.25	93.8	100	63.7	51.4369	-12.2631	-0.18	429	63.52	24.11	3571.5637	0.016	0.0168	1.39	0	1_Hrzn_Diff	107.6	195.1
61.25	101.5	100	64.6	61.7045	-2.8955	-10.01	433	54.59	32.37	10518.5062	0.0309	0.0242	0.33	0	1_Hrzn_Diff	108.3	195.1
61.25	87	100	61.3	60.0873	-1.2127	-0.88	439	60.42	27.8	13500.5184	0.0797	0.0164	1.86	0	1_Hrzn_Diff	107	195.1
61.25	43.7	100	76	81.5028	5.5028	-7.43	442	68.57	25.56	1329.5182	0.0081	0.018	0.09	0	1_Hrzn_Diff	101	195.1
61.25	37.7	100	88	88.935	0.935	-15.65	443	72.35	23.06	2361.9564	0.0182	0.0126	2.48	0	1_Hrzn_Diff	99.72	195.1
61.25	103.1	100	63.2	54.8961	-8.3039	-7.7	451	55.5	31.31	15768.5496	0.059	0.0192	1.58	0	1_Hrzn_Diff	108.5	195.1
61.25	33.9	100	84.6	86.8699	2.2699	-9.15	454	75.45	20.87	1603.2161	0.0116	0.0177	0.94	0	1_Hrzn_Diff	98.8	195.1
61.25	123.7	100	49.1	29.2365	-19.8635	1.63	457	50.73	34.58	8717.2201	0.0311	0.0235	0.56	0	1_Hrzn_Diff	110	195.1
61.25	100	100	64.2	73.7587	9.5587	0.85	462	65.05	22	1172.925	0.0135	0.0154	4.91	0	1_Hrzn_Diff	108.2	195.1
61.25	83.3	100	70.7	59.8721	-10.8279	-6.19	492	64.51	24.11	2640.92	0.0132	0.0137	5.5	0	1_Hrzn_Diff	106.6	195.1
67.25	32.4	100	71.7	82.005	10.305	-0.54	521	71.16	25.58	647.9966	0.0122	0.0173	1.14	0	1_Hrzn_Diff	99.21	195.9
83.25	47.5	10	64.8	90.5	25.7	-8.18	251	56.62	20.77	1270.4034	0.0127	0.019	3.48	0	1_Hrzn_Diff	104.4	187.8
83.25	45.5	10	69.2	88.1	18.9	-19.15	259	50.05	27.71	850.973	0.0087	0.0141	2.58	0	1_Hrzn_Diff	104	187.8
83.25	44	10	60.4	58.6	-1.8	-3.17	260	57.23	20.84	1579.437	0.014	0.0186	0.76	0	1_Hrzn_Diff	103.7	187.8
83.25	39.2	10	48.7	82.4	33.7	9.13	276	57.83	21.23	1934.8604	0.0173	0.0203	0.28	0	1_Hrzn_Diff	102.7	187.8
83.25	49.1	10	36.4	76.7	40.3	20.38	278	56.78	20.35	1130.7804	0.0119	0.019	0.16	0	1_Hrzn_Diff	104.7	187.8
83.25	73.9	10	70.6	89.4	18.8	-20.59	283	50.01	23.62	2394.3624	0.0194	0.0114	2.93	0	1_Hrzn_Diff	108.2	187.8
83.25	88.6	10	62.6	90.6	28	-24.48	286	38.12	33.99	18018.9531	0.0581	0.0225	1.34	0	1_Hrzn_Diff	109.8	187.8
83.25	25.7	10	62.4	44.5	-17.9	-3.02	289	59.38	23.34	883.2268	0.0094	0.0174	4.02	0	1_Hrzn_Diff	99.06	187.8
83.25	30.4	10	72	84.9	12.9	-12.21	290	59.79	21.48	1837.1449	0.016	0.0182	4.17	0	1_Hrzn_Diff	100.5	187.8
83.25	55.5	10	65.9	79.6	13.7	-22.87	295	43.03	33.05	9652.724	0.0341	0.0117	5.38	0	1_Hrzn_Diff	105.7	187.8
83.25	60.1	10	70.2	78.5	8.3	-15.44	296	54.76	20.63	1350.0605	0.0125	0.0191	3.22	0	1_Hrzn_Diff	106.4	187.8
83.25	69.4	10	63.7	87.7	24	-14.06	298	49.64	24.52	3880.2904	0.0216	0.0216	0.23	0	1_Hrzn_Diff	107.7	187.8
83.25	55	10	83	92.8	9.8	-29.88	311	53.12	23.04	2381.3997	0.0144	0.0165	1.46	0	1_Hrzn_Diff	105.7	187.8
83.25	59.6	10	78.8	90.9	12.1	-24.04	312	54.76	20.71	1355.5191	0.0095	0.0183	3.18	0	1_Hrzn_Diff	106.4	187.8
83.25	73.9	10	78.5	46.1	-32.4	-29.36	315	49.14	24.51	1688.1568	0.0123	0.0179	0.93	0	1_Hrzn_Diff	108.2	187.8
83.25	70	10	72.7	89.6	16.9	-19.8	330	52.9	21.2	1852.8242	0.0155	0.0182	4.14	0	1_Hrzn_Diff	107.8	187.8
83.25	73.6	10	72.8	91.3	18.5	-22.62	331	50.18	23.48	1037.3111	0.0108	0.0133	3	0	1_Hrzn_Diff	108.2	187.8
83.25	79.1	10	70.1	78	7.9	-27.69	332	42.41	30.65	6066.6893	0.0285	0.0108	2.54	0	1_Hrzn_Diff	108.8	187.8
83.25	83.4	10	61.3	90.9	29.6	-20.4	333	40.9	31.71	10019.4107	0.036	0.0253	0.47	0	1_Hrzn_Diff	109.3	187.8
83.25	40.3	10	56.1	77.7	21.6	1.5	340	57.6	21.21	1476.0601	0.0128	0.0153	1.78	0	1_Hrzn_Diff	103	187.8
83.25	69.6	10	77.1	104.9	27.8	-26.9	346	50.2	23.94	3465.8214	0.0205	0.0199	0.78	0	1_Hrzn_Diff	107.7	187.8
83.25	75	10	62.4	89.6	27.2	-20.24	347	42.16	31.35	7204.8604	0.03	0.0145	1.87	0	1_Hrzn_Diff	108.4	187.8
83.25	62.4	10	71	77.9	6.9	-20.38	361	50.62	24.44	3232.1531	0.0286	0.0153	1.76	0	1_Hrzn_Diff	106.8	187.8
83.25	68.9	10	72.8	77.8	5	-26.73	362	46.07	28.14	9553.8756	0.0466	0.0295	0.22	0	1_Hrzn_Diff	107.6	187.8
83.25	73.1	10	67.7	87.8	20.1	-27.09	363	40.61	33.1	13784.8008	0.0572	0.0258	1.08	0	1_Hrzn_Diff	108.1	187.8
83.25	44.3	10	45	87.4	42.4	9.51	366	54.51	23.5	2587.0259	0.0221	0.016	1.63	0	1_Hrzn_Diff	103.8	187.8
83.25	21.2	10	59.9	81	21.1	-3.98	368	55.92	28.47	1034.9199	0.0116	0.0147	2.03	0	1_Hrzn_Diff	97.38	187.8
83.25	25.9	10	60.7	77.2	16.5	-6.94	369	53.76	28.9	997.5407	0.011	0.0133	2.81	0	1_Hrzn_Diff	99.12	187.8
83.25	30.6	10	67.3	88.8	21.5	-8.94	370	58.36	22.83	1668.3757	0.0161	0.0123	2.76	0	1_Hrzn_Diff	100.6	187.8
83.25	40.1	10	69.7	64.1	-5.6	-13.24	372	56.46	22.39	1662.759	0.0166	0.014	2.11	0	1_Hrzn_Diff	102.9	187.8

83.25	64	10	66.8	90.1	23.3	-21.64	377	45.16	29.69	9785.2299	0.048	0.0296	0.31	0	1_Hrzn_Diff	107	187.8
83.25	73.1	10	71.7	50.5	-21.2	-21.83	379	49.87	23.84	914.7977	0.0189	0.017	1.41	0	1_Hrzn_Diff	108.1	187.8
83.25	88.3	10	71.6	95.8	24.2	-35.88	382	35.72	36.38	16370.0462	0.0909	0.0155	1.96	0	1_Hrzn_Diff	109.8	187.8
83.25	58.9	10	73	94	21	-25.09	392	47.91	27.64	3728.0153	0.0293	0.0111	2.42	0	1_Hrzn_Diff	106.3	187.8
83.25	73.6	10	60.6	92.4	31.8	-7.91	395	52.69	20.97	925.5873	0.0149	0.0198	3.26	0	1_Hrzn_Diff	108.2	187.8
83.25	88.3	10	69.1	91.5	22.4	-22.98	398	46.12	25.99	9045.751	0.096	0.0224	1.68	0	1_Hrzn_Diff	109.8	187.8
175.3	35.4	316	83.5	94.9874	11.4874	-8.28	845	75.22	25.79	657.2543	0.0075	0.0162	4.54	0	1_Hrzn_Diff	108.3	209.2
181.3	65.1	166	58.1	59.7896	1.6896	8.03	1048	66.13	26.78	5685.0415	0.012	0.0166	1.36	0	1_Hrzn_Diff	113.9	206.7
181.3	35.1	166	41.6	60.3067	18.7067	27.17	1051	68.77	29.46	15541.2663	0.0314	0.0102	2.57	0	1_Hrzn_Diff	108.5	206.7
181.3	42.9	166	41.9	50.4234	8.5234	30.33	1053	72.23	24.27	2130.6253	0.0073	0.0154	1.83	0	1_Hrzn_Diff	110.3	206.7
181.3	74	166	58.9	42.7177	-16.1823	10.75	1057	69.65	22.17	3389.4345	0.0091	0.0173	0.95	0	1_Hrzn_Diff	115	206.7
181.3	48	166	74.1	53.9655	-20.1345	-1.08	1058	73.02	22.49	4018.2328	0.0123	0.0168	4.46	0	1_Hrzn_Diff	111.2	206.7
181.3	52.7	166	47.7	42.6371	-5.0629	27.17	1064	74.87	19.85	1553.4204	0.0052	0.0151	2.2	0	1_Hrzn_Diff	112.1	206.7
187.3	44.7	316	74	59.4581	-14.5419	3.18	1027	77.18	21.79	2344.3389	0.0237	0.0209	0.72	0	1_Hrzn_Diff	110.9	209.8
187.3	30.1	316	74.2	74.0949	-0.1051	2.26	1029	76.46	25.93	5491.0968	0.0277	0.0223	0.63	0	1_Hrzn_Diff	107.5	209.8
187.3	27	316	70.7	73.3894	2.6894	6.78	1031	77.48	25.82	3374.5534	0.0289	0.0112	2.43	0	1_Hrzn_Diff	106.5	209.8
187.3	15.7	316	76.7	87.9297	11.2297	11.21	1035	87.91	20.08	1295.5122	0.0195	0.0189	0.99	0	1_Hrzn_Diff	101.8	209.8
187.3	14.4	316	77.9	89.3279	11.4279	9.32	1038	87.22	21.42	609.6616	0.0076	0.0164	1.32	0	1_Hrzn_Diff	101.1	209.8
199.3	86.2	316	68.7	62.1687	-6.5313	3.22	941	71.92	21.52	1982.1591	0.0063	0.0143	3.06	0	1_Hrzn_Diff	117.1	210.4
199.3	104.1	316	76.8	91.3578	14.5578	-14.56	953	62.24	29.65	5976.6485	0.0121	0.0161	1.53	0	1_Hrzn_Diff	118.8	210.4
199.3	102.5	316	100.2	102.2433	2.0433	-35.79	961	64.41	27.57	6601.7587	0.0144	0.0187	0.76	0	1_Hrzn_Diff	118.7	210.4
199.3	98	316	58.9	63.488	4.588	2.28	967	61.18	31.18	8188.8802	0.0147	0.0178	1.08	0	1_Hrzn_Diff	118.3	210.4
199.3	100.4	316	83	84.6065	1.6065	-11.8	970	71.2	20.93	1254.0837	0.0055	0.0147	2.52	0	1_Hrzn_Diff	118.5	210.4
199.3	67.5	316	67	65.8801	-1.1199	8.46	976	75.46	19.96	1918.9293	0.0081	0.0147	2.23	0	1_Hrzn_Diff	115	210.4
199.3	98	316	75.7	76.8364	1.1364	-14.52	978	61.18	31.18	8188.8802	0.0147	0.0178	1.08	0	1_Hrzn_Diff	118.3	210.4
199.3	102.5	316	60.6	0	-60.6	3.81	986	64.41	27.57	6601.7587	0.0144	0.0187	0.76	0	1_Hrzn_Diff	118.7	210.4
199.3	62.4	316	64.3	79.7181	15.4181	10.2	990	74.5	21.57	2239.8414	0.0077	0.0178	3.39	0	1_Hrzn_Diff	114.3	210.4
199.3	116	316	90.2	95.922	5.722	-34.81	993	55.39	35.54	12453.3163	0.024	0.0188	4.3	0	1_Hrzn_Diff	119.7	210.4
199.3	68.1	316	65.9	65.3154	-0.5846	7.74	998	73.64	21.7	1238.3175	0.0062	0.0151	2.12	0	1_Hrzn_Diff	115.1	210.4
199.3	108.8	316	88.6	87.2424	-1.3576	-34.4	1001	54.2	37.28	20096.5631	0.028	0.0126	2.18	0	1_Hrzn_Diff	119.2	210.4
199.3	89.9	316	79.6	97.051	17.451	-15.98	1002	63.62	29.4	6594.8901	0.0158	0.0193	0.62	0	1_Hrzn_Diff	117.5	210.4
199.3	105.3	316	100.2	103.1345	2.9345	-40.39	1013	59.81	32.06	8619.473	0.0136	0.0193	0.3	0	1_Hrzn_Diff	118.9	210.4
199.3	69.5	316	61.6	60.2815	-1.3185	1.28	1014	62.88	32.3	9070.0176	0.0184	0.0137	2.15	0	1_Hrzn_Diff	115.3	210.4
199.3	72.7	316	79.6	87.3837	7.7837	-5.78	1015	73.82	21.01	1451.7866	0.005	0.0169	0.64	0	1_Hrzn_Diff	115.7	210.4
199.3	76.1	316	86.4	94.0623	7.6623	-17.82	1016	68.58	25.83	1159.1065	0.006	0.016	4.6	0	1_Hrzn_Diff	116.1	210.4
211.3	58.7	316	48.2	84.2843	36.0843	28.97	625	77.17	19.49	1595.8358	0.0129	0.0191	3.41	0	1_Hrzn_Diff	114.3	210.9
211.3	52.6	316	56.2	82.1444	25.9444	7.81	632	64.01	33.57	14969.027	0.0527	0.0297	0.59	0	1_Hrzn_Diff	113.4	210.9
211.3	42.8	316	78.4	85.437	7.037	-1.32	641	77.08	22.26	1865.7098	0.0156	0.0134	5.46	0	1_Hrzn_Diff	111.6	210.9
211.3	60.1	316	36.7	0	-36.7	38.21	644	74.91	21.56	2453.8175	0.0168	0.0165	4.63	0	1_Hrzn_Diff	114.5	210.9
211.3	40.8	316	70.7	95.4026	24.7026	0.81	648	71.51	28.25	702.17	0.0071	0.0145	2.47	0	1_Hrzn_Diff	111.2	210.9
211.3	84.9	316	57.7	70.1136	12.4136	4.12	650	61.82	31.81	7986.628	0.0299	0.0181	4.53	0	1_Hrzn_Diff	117.5	210.9
211.3	67.9	316	77	74.0733	-2.9267	-11.19	654	65.81	29.71	6869.6424	0.0229	0.0175	1.38	0	1_Hrzn_Diff	115.6	210.9
211.3	84.1	316	69	66.9142	-2.0858	-2.71	661	66.29	27.32	35917.7919	0.2424	0.125	3.74	0	1_Hrzn_Diff	117.4	210.9
211.3	85	316	46.4	58.4288	12.0288	21.31	669	67.71	25.88	5194.3646	0.0279	0.0225	0.58	0	1_Hrzn_Diff	117.5	210.9
211.3	48.9	316	43.1	68.5071	25.4071	34.84	674	77.94	20.27	1587.631	0.0153	0.0193	3.71	0	1_Hrzn_Diff	112.7	210.9
211.3	49.7	316	72.4	85.5235	13.1235	5.87	676	78.27	19.79	1619.0063	0.0175	0.0201	0.46	0	1_Hrzn_Diff	112.9	210.9
211.3	89.3	316	51.7	69.899	18.199	4.8	679	56.5	36.84	11092.7972	0.0283	0.0113	2.42	0	1_Hrzn_Diff	118	210.9
211.3	83.3	316	70.9	71.1998	0.2998	-3.18	686	67.72	26.13	3659.0996	0.0163	0.0143	2.04	0	1_Hrzn_Diff	117.4	210.9
211.3	81.5	316	42.8	63.6002	20.8002	17.8	693	60.6	33.32	21235.802	0.0847	0.0314	1.17	0	1_Hrzn_Diff	117.2	210.9
211.3	65.4	316	69.3	77.41	8.11	-6.6	697	62.7	33.08	11827.9152	0.0362	0.024	3.87	0	1_Hrzn_Diff	115.3	210.9
211.3	51.9	316	64.1	77.8072	13.7072	0.09	699	64.19	33.49	7544.4227	0.0397	0.0074	3.09	0	1_Hrzn_Diff	113.2	210.9
211.3	32.4	316	69.3	93.8515	24.5515	11.07	711	80.37	21.35	1125.3301	0.0128	0.0135	2.46	0	1_Hrzn_Diff	109.2	210.9
211.3	110.6	302	77.7	0	-77.7	-8.43	821	69.27	21.84	2348.0646	0.0053	0.0146	2.75	0	1_Hrzn_Diff	119.8	210.7

513.3	58.8	1200	58.3	58.77	0.47	21.88	606	80.18	22.26	2812.4335	0.0077	0.0149	2.1	0	1_Hrzn_Diff	122	224.4
513.3	58	1200	81.9	65.6479	-16.2521	-7.05	608	74.85	27.7	5520.4242	0.0116	0.0143	2.19	0	1_Hrzn_Diff	121.9	224.4
513.3	31.1	1200	67.9	87.294	19.394	20.38	610	88.28	19.6	2177.2437	0.0067	0.0176	0.18	0	1_Hrzn_Diff	116.5	224.4
705.3	47.5	500	68.2	79.2	11	12.95	52	81.15	19.28	1270.4034	0.0043	0.0165	0.96	0	1_Hrzn_Diff	123	223.3
705.3	45.5	500	88.4	100.7	12.3	-14.76	60	73.64	27.15	850.973	0.003	0.0152	5.76	0	1_Hrzn_Diff	122.6	223.3
705.3	44	500	82.3	100.9	18.6	-0.46	61	81.84	19.25	1579.437	0.0048	0.0168	0.76	0	1_Hrzn_Diff	122.3	223.3
705.3	39.2	500	61.4	101.9	40.5	19.78	77	81.18	20.9	1934.8604	0.0059	0.0145	5.97	0	1_Hrzn_Diff	121.3	223.3
705.3	49.1	500	61.3	78	16.7	19.85	79	81.15	19.01	1130.7804	0.0041	0.015	2.59	0	1_Hrzn_Diff	123.2	223.3
705.3	68.8	500	79.8	78.6	-1.2	-4.97	83	74.83	22.46	850.1081	0.0035	0.0158	1.61	0	1_Hrzn_Diff	126.2	223.3
705.3	73.9	500	54.6	54.5	-0.1	21.5	84	76.1	20.59	2394.3624	0.0067	0.0162	4.56	0	1_Hrzn_Diff	126.8	223.3
705.3	88.6	500	40.1	46.8	6.7	20.57	87	60.67	34.53	18018.9531	0.0199	0.0207	0.48	0	1_Hrzn_Diff	128.4	223.3
705.3	25.7	500	70.2	105.6	35.4	11.26	90	81.46	23.44	883.2268	0.0032	0.0164	0.9	0	1_Hrzn_Diff	117.6	223.3
705.3	30.4	500	62.6	104.3	41.7	21.33	91	83.93	19.87	1837.1449	0.0055	0.0172	3.36	0	1_Hrzn_Diff	119.1	223.3
705.3	55.5	500	49	71.1	22.1	19.52	96	68.52	30.59	9652.724	0.0117	0.0188	0.28	0	1_Hrzn_Diff	124.3	223.3
705.3	69.4	500	56.7	68.2	11.5	16.33	97	73.03	24.19	3880.2904	0.0074	0.0174	0.63	0	1_Hrzn_Diff	126.2	223.3
705.3	60.1	500	55.1	67.5	12.4	23.84	99	78.94	19.49	1350.0605	0.0043	0.0156	1.8	0	1_Hrzn_Diff	125	223.3
705.3	55	500	57.8	75.5	17.7	19.72	112	77.52	21.68	2381.3997	0.0049	0.0151	2.23	0	1_Hrzn_Diff	124.2	223.3
705.3	59.6	500	36.1	74.3	38.2	43.47	113	79.57	18.95	1355.5191	0.0032	0.0162	1.2	0	1_Hrzn_Diff	124.9	223.3
705.3	73.9	500	47.2	59.9	12.7	24.82	116	72.02	24.71	1688.1568	0.0042	0.0167	3.75	0	1_Hrzn_Diff	126.8	223.3
705.3	70	500	72.1	90	17.9	5.53	131	77.63	19.52	1852.8242	0.0053	0.0171	3.59	0	1_Hrzn_Diff	126.3	223.3
705.3	73.6	500	78.6	70.5	-8.1	-2.37	132	76.23	20.49	1037.3111	0.0037	0.0154	2.05	0	1_Hrzn_Diff	126.8	223.3
705.3	79.1	500	58.4	60.6	2.2	9.97	133	68.37	27.76	6066.6893	0.0098	0.0173	0.98	0	1_Hrzn_Diff	127.4	223.3
705.3	83.4	500	62.9	57.2	-5.7	-1.68	134	61.22	34.48	10019.4107	0.0124	0.0139	2.29	0	1_Hrzn_Diff	127.8	223.3
705.3	40.3	500	62.1	72.6	10.5	20.25	141	82.35	19.49	1476.0601	0.0044	0.0148	2.82	0	1_Hrzn_Diff	121.5	223.3
705.3	69.6	500	67.3	67	-0.3	6.31	147	73.61	23.58	3465.8214	0.007	0.0158	1.61	0	1_Hrzn_Diff	126.3	223.3
705.3	75.2	500	74.2	63.9	-10.3	-9.39	148	64.81	31.75	8914.7751	0.0116	0.0189	0.01	0	1_Hrzn_Diff	126.9	223.3
705.3	65.1	500	39.6	64.3	24.7	25.93	151	65.53	32.21	10236.9848	0.0177	0.0206	0.06	0	1_Hrzn_Diff	125.7	223.3
705.3	62.4	500	60.5	59.4	-1.1	15.05	162	75.55	22.55	3232.1531	0.0098	0.0172	1.02	0	1_Hrzn_Diff	125.3	223.3
705.3	68.9	500	44	53.1	9.1	21.86	163	65.86	31.4	9553.8756	0.016	0.0124	2.74	0	1_Hrzn_Diff	126.2	223.3
705.3	73.1	500	73.6	69.5	-4.1	-11.96	164	61.64	35.12	13784.8008	0.0196	0.017	4.56	0	1_Hrzn_Diff	126.7	223.3
705.3	44.3	500	57.2	64.5	7.3	21.42	167	78.62	22.41	2587.0259	0.0076	0.0143	2.57	0	1_Hrzn_Diff	122.3	223.3
705.3	25.9	500	80.9	107.5	26.6	-4.12	170	76.78	28.06	997.5407	0.0038	0.0155	1.95	0	1_Hrzn_Diff	117.7	223.3
705.3	30.6	500	83.6	105.6	22	0.29	171	83.89	20.18	1668.3757	0.0055	0.0148	2.51	0	1_Hrzn_Diff	119.1	223.3
705.3	40.1	500	75.5	78.1	2.6	6.07	173	81.57	20.3	1662.759	0.0057	0.0145	3.02	0	1_Hrzn_Diff	121.5	223.3
705.3	65.9	500	66.4	73.3	6.9	-5.28	178	61.12	36.51	12034.4517	0.0185	0.0128	2.38	0	1_Hrzn_Diff	125.8	223.3
705.3	88.3	500	64.5	68.9	4.4	-7.45	183	57.05	38.11	16370.0462	0.0312	0.0104	5.67	0	1_Hrzn_Diff	128.3	223.3
705.3	58.9	500	61.6	68.5	6.9	12.77	193	74.37	24.22	3728.0153	0.0101	0.0183	0.39	0	1_Hrzn_Diff	124.8	223.3
705.3	73.6	500	73.7	86.4	12.7	3.09	196	76.79	19.92	925.5873	0.0051	0.0146	2.84	0	1_Hrzn_Diff	126.8	223.3
705.3	88.3	500	38.1	42.5	4.4	27.67	199	65.77	29.4	9045.7154	0.0332	0.0088	2.93	0	1_Hrzn_Diff	128.3	223.3
705.3	18.5	2340	60	0	-60	5.67	719	65.67	49.47	564.0116	0	0	1.98	0	1_Hrzn_Diff	114.8	230.0
705.3	7.4	2340	71.5	117.2107	45.7107	31.29	723	102.79	15.16	624.7147	0.0033	0.0158	1.64	0	1_Hrzn_Diff	106.8	230.0
705.3	62.9	2340	52.8	68.392	15.592	30.34	725	83.14	21.59	2682.8219	0.0111	0.0187	3.28	0	1_Hrzn_Diff	125.4	230.0
705.3	47.4	2340	71.4	78.8089	7.4089	10.15	741	81.55	25.6	4581.3828	0.0153	0.0169	4.49	0	1_Hrzn_Diff	122.9	230.0
705.3	37.4	2340	59.4	82.823	23.423	24.95	745	84.35	24.83	1442.7573	0.0072	0.017	0.94	0	1_Hrzn_Diff	120.9	230.0
705.3	62.6	2340	49.1	76.6385	27.5385	36.89	746	85.99	18.77	1298.4266	0.0077	0.0142	2.66	0	1_Hrzn_Diff	125.3	230.0
705.3	14.3	2340	47	86.261	39.261	45.34	749	92.34	24.33	738.706	0.005	0.0171	3.42	0	1_Hrzn_Diff	112.5	230.0
705.3	45.1	2340	58	0	-58	28	751	86	21.57	953.3417	0.0064	0.0157	1.66	0	1_Hrzn_Diff	122.5	230.0
705.3	42.8	2340	78.1	105.7868	27.6868	5.37	753	83.47	24.55	594.2741	0.0058	0.0173	3.35	0	1_Hrzn_Diff	122	230.0
705.3	54	2340	53.4	0	-53.4	32.65	758	86.05	19.97	1066.2018	0.0071	0.0142	2.84	0	1_Hrzn_Diff	124.1	230.0
705.3	58.5	2340	58.4	0	-58.4	22.48	761	80.88	24.46	656.2391	0.0049	0.015	2.35	0	1_Hrzn_Diff	124.8	230.0
705.3	8.7	2340	78.3	113.9228	35.6228	16.24	770	94.54	23.93	1546.857	0.0063	0.0175	3.28	0	1_Hrzn_Diff	108.2	230.0
705.3	64.5	2340	71	91.5573	20.5573	7.94	771	78.94	25.57	4537.3085	0.0155	0.0188	0.82	0	1_Hrzn_Diff	125.6	230.0
705.3	22.5	2340	73.4	74.0512	0.6512	13.26	775	86.66	26.93	1221.8447	0.0068	0.0153	1.9	0	1_Hrzn_Diff	116.5	230.0

705.3	6.1	2340	59.1	124.8094	65.7094	36	780	95.1	20.73	790.5835	0.0035	0.0162	1.21	0	1_Hrzn_Diff	105.1	230.0
705.3	15.1	2340	44	83.0297	39.0297	53.12	785	97.12	19.09	1016.3437	0.0067	0.0176	0.11	0	1_Hrzn_Diff	113	230.0
705.3	16.8	2340	87.8	113.7019	25.9019	6.8	787	94.6	21.01	565.3768	0.0037	0.0153	2.21	0	1_Hrzn_Diff	113.9	230.0
705.3	23.8	2340	79.8	95.4484	15.6484	8.43	813	88.23	24.85	4201.4404	0.0137	0.0143	2.09	0	1_Hrzn_Diff	116.9	230.0
705.3	14.2	2340	93.5	116.752	23.252	-1.99	814	91.51	25.6	723.9614	0.0056	0.0163	1.29	0	1_Hrzn_Diff	112.5	230.0
705.3	61.6	2340	65.4	68.5883	3.1883	19.88	816	85.28	19.62	1041.5562	0.0068	0.0144	2.58	0	1_Hrzn_Diff	125.2	230.0
61.25	126.6	100	57.6	0	-57.6	11.35	400	68.95	16.2	1227.001	0	0	1.81	0	2_Hrzn_Diff	110.2	195.1
61.25	121.9	100	37.1	0	-37.1	36.39	401	73.49	11.92	1993.8006	0	0	3.27	0	2_Hrzn_Diff	109.9	195.1
61.25	86.3	100	52.1	51.2461	-0.8539	6.56	405	58.66	29.64	12148.4834	0	0	2.63	0	2_Hrzn_Diff	106.9	195.1
61.25	76.6	100	56.1	59.3354	3.2354	-9.71	406	46.39	42.92	907.4743	0	0	2.1	0	2_Hrzn_Diff	105.9	195.1
61.25	81.4	100	66.5	58.321	-8.179	7.15	414	73.65	15.15	1455.3364	0	0	0.33	0	2_Hrzn_Diff	106.4	195.1
61.25	71.6	100	62.9	62.0374	-0.8626	0.89	417	63.79	26.11	1330.9733	0	0	0.84	0	2_Hrzn_Diff	105.3	195.1
61.25	102.5	100	55.6	60.9473	5.3473	11.18	423	66.78	20.09	1174.5945	0	0	2.1	0	2_Hrzn_Diff	108.4	195.1
61.25	78.5	100	48	0	-48	12.33	431	60.33	28.78	1426.2277	0	0	2.15	0	2_Hrzn_Diff	106.1	195.1
61.25	109.5	100	62	0	-62	4.4	438	66.4	19.84	484.9341	0	0	2.25	0	2_Hrzn_Diff	109	195.1
61.25	112.8	100	51.9	48.0289	-3.8711	8.29	441	60.19	25.88	1194.8351	0	0	2.41	0	2_Hrzn_Diff	109.2	195.1
61.25	57.8	100	82	74.373	-7.627	-34.26	445	47.74	44	1283.8178	0	0	0.68	0	2_Hrzn_Diff	103.4	195.1
61.25	70.4	100	72.5	64.067	-8.433	-6.09	448	66.41	23.65	1908.8165	0	0	3.28	0	2_Hrzn_Diff	105.1	195.1
61.25	121.6	100	50.7	0	-50.7	19.23	455	69.93	15.53	1253.3801	0	0	1.28	0	2_Hrzn_Diff	109.9	195.1
61.25	79.2	100	64.2	52.8735	-11.3265	-5.01	458	59.19	29.85	2253.3772	0	0	0.2	0	2_Hrzn_Diff	106.2	195.1
61.25	109.9	100	58.3	55.3857	-2.9143	-5.75	459	52.55	33.74	1698.8258	0	0	0.87	0	2_Hrzn_Diff	109	195.1
61.25	77.5	100	60.7	0	-60.7	14.06	460	74.76	14.44	1659.028	0	0	1.4	0	2_Hrzn_Diff	106	195.1
61.25	122.1	100	77.8	47.417	-30.383	-14.81	464	62.99	22.45	1431.0827	0	0	3.58	0	2_Hrzn_Diff	109.9	195.1
61.25	117.6	100	57.4	48.832	-8.568	12.18	465	69.58	16.16	2331.5819	0	0	0.68	0	2_Hrzn_Diff	109.6	195.1
61.25	76.6	100	57	59.3354	2.3354	-10.61	468	46.39	42.92	907.4743	0	0	2.1	0	2_Hrzn_Diff	105.9	195.1
61.25	116	100	76	0	-76	-14.36	470	61.64	24.15	13162.9277	0	0	3.04	0	2_Hrzn_Diff	109.5	195.1
61.25	108.3	100	36.7	0	-36.7	17.17	472	53.87	32.52	2484.6855	0	0	1.11	0	2_Hrzn_Diff	108.9	195.1
61.25	124.5	100	31.1	50.929	19.829	40.11	473	71.21	14.06	1414.4277	0	0	1.21	0	2_Hrzn_Diff	110.1	195.1
61.25	120	100	49.2	0	-49.2	24.87	474	74.07	11.43	4317.52	0	0	3.15	0	2_Hrzn_Diff	109.8	195.1
61.25	61.9	100	72.5	67.8419	-4.6581	-16.82	478	55.68	35.46	2207.1079	0	0	0.1	0	2_Hrzn_Diff	104	195.1
61.25	124.3	100	58.2	0	-58.2	16.74	479	74.94	10.27	8765.9747	0	0	2.15	0	2_Hrzn_Diff	110.1	195.1
61.25	60.3	100	60.8	51.7228	-9.0772	-13.34	480	47.46	43.9	1389.5488	0	0	0.52	0	2_Hrzn_Diff	103.8	195.1
61.25	70.2	100	67.2	61.7429	-5.4571	4.76	484	71.96	18.09	11022.9916	0	0	4.41	0	2_Hrzn_Diff	105.1	195.1
61.25	124.3	100	34.3	0	-34.3	30.8	486	65.1	20.17	3305.4212	0	0	0.81	0	2_Hrzn_Diff	110.1	195.1
83.25	84	10	73.9	63.1	-10.8	-26.35	208	47.55	24.98	538.7205	0	0	2.7	0	2_Hrzn_Diff	109.3	187.8
83.25	83.5	10	70.5	91.2	20.7	-40.64	209	29.86	42.72	692.1641	0	0	3	0	2_Hrzn_Diff	109.3	187.8
83.25	78.3	10	85.4	78.3	-7.1	-28.25	225	57.15	15.98	3619.3029	0	0	1.37	0	2_Hrzn_Diff	108.7	187.8
83.25	34.9	10	56.3	48.6	-7.7	-12.74	275	43.56	36.5	1112.8182	0	0	1.68	0	2_Hrzn_Diff	101.7	187.8
83.25	64.2	10	71.1	73.6	2.5	-19.3	281	51.8	23.02	2100.3636	0	0	4.19	0	2_Hrzn_Diff	107	187.8
83.25	68.8	10	67.5	107.4	39.9	-36.34	282	31.16	43.08	812.0295	0	0	4.5	0	2_Hrzn_Diff	107.6	187.8
83.25	158.8	10	73	75.6	2.6	-30.38	284	42.62	25.08	10329.5972	0	0	2.19	0	2_Hrzn_Diff	114.9	187.8
83.25	83.3	10	60.2	55.1	-5.1	-21.25	285	38.95	33.68	1045.2196	0	0	0.75	0	2_Hrzn_Diff	109.3	187.8
83.25	35.2	10	53.9	88.6	34.7	5.57	291	59.47	20.53	2508.4395	0	0	0.83	0	2_Hrzn_Diff	101.8	187.8
83.25	49.8	10	52.2	91.6	39.4	-2.85	294	49.35	27.65	957.08	0	0	0.09	0	2_Hrzn_Diff	104.8	187.8
83.25	64.8	10	70.7	91.4	20.7	-26.65	297	44.05	30.7	2994.4995	0	0	2.18	0	2_Hrzn_Diff	107.1	187.8
83.25	73.8	10	61.7	78.1	16.4	-20.65	299	41.05	32.61	971.7772	0	0	3.73	0	2_Hrzn_Diff	108.2	187.8
83.25	88.2	10	59.9	104.9	45	-13.66	302	46.24	25.9	1037.2416	0	0	0.61	0	2_Hrzn_Diff	109.8	187.8
83.25	26	10	67	47.5	-19.5	-23.26	305	43.74	38.88	1040.3327	0	0	0.79	0	2_Hrzn_Diff	99.16	187.8
83.25	45.3	10	48.3	92.8	44.5	4.4	309	52.7	25.12	1141.7668	0	0	2.28	0	2_Hrzn_Diff	104	187.8
83.25	84.1	10	67.2	88.3	21.1	-8.48	317	58.72	13.85	3834.8608	0	0	4.76	0	2_Hrzn_Diff	109.4	187.8
83.25	115	10	62	65.4	3.4	-0.11	318	61.89	8.06	1344.5416	0	0	2.16	0	2_Hrzn_Diff	112.1	187.8
83.25	87.7	10	63.2	90.1	26.9	-24.1	334	39.1	33.12	1242.934	0	0	1.5	0	2_Hrzn_Diff	109.7	187.8
83.25	59.7	10	74.8	90.3	15.5	-31.41	344	43.39	32.06	1416.7495	0	0	1.17	0	2_Hrzn_Diff	106.4	187.8

83.25	65.6	10	58.5	104.9	46.4	4.55	349	63.05	11.59	1757.5648	0	0	5.02	0	2_Hrzn_Diff	107.2	187.8
83.25	64.8	10	56.6	92.8	36.2	-1.2	350	55.4	19.34	2286.6897	0	0	0.16	0	2_Hrzn_Diff	107.1	187.8
83.25	55.6	10	58.5	92.3	33.8	-15.27	355	43.23	32.83	1076.138	0	0	1.62	0	2_Hrzn_Diff	105.8	187.8
83.25	87.9	10	50.5	94.4	43.9	-4.67	357	45.83	26.34	13408.7649	0	0	4.89	0	2_Hrzn_Diff	109.7	187.8
83.25	83.3	10	62.3	107.4	45.1	-11.91	365	50.39	22.22	8876.6745	0	0	1.44	0	2_Hrzn_Diff	109.3	187.8
83.25	61.9	10	65.2	58.3	-6.9	-40.98	371	24.22	50.92	1004.5917	0	0	0.58	0	2_Hrzn_Diff	106.7	187.8
83.25	59	10	77.8	89	11.2	-28.51	376	49.29	26.25	1638.4141	0	0	1.28	0	2_Hrzn_Diff	106.3	187.8
83.25	77.9	10	72.9	93.4	20.5	-23.24	380	49.66	23.51	2025.7277	0	0	1.62	0	2_Hrzn_Diff	108.7	187.8
83.25	96.6	10	71	36.3	-34.7	-29.41	381	41.59	29.7	185.7434	0	0	3.02	0	2_Hrzn_Diff	110.6	187.8
83.25	63.8	10	81.5	78.9	-2.6	-26.09	393	55.41	19.46	799.1099	0	0	0.06	0	2_Hrzn_Diff	107	187.8
83.25	83.7	10	64.4	38.8	-25.6	-18.51	397	45.89	26.67	2434.0286	0	0	0.82	0	2_Hrzn_Diff	109.3	187.8
175.3	115.6	316	66.2	0	-66.2	-10.12	823	56.08	34.84	1895.0569	0	0	5	0	2_Hrzn_Diff	118.6	209.2
175.3	28.5	316	72.9	68.4533	-4.4467	-26.15	824	46.75	56.07	739.5342	0	0	3.82	0	2_Hrzn_Diff	106.4	209.2
175.3	6.9	316	67.9	67.07	-0.83	15.12	825	83.02	31.92	1496.6074	0	0	2.77	0	2_Hrzn_Diff	94.1	209.2
175.3	36.9	316	69.7	78.6715	8.9715	-11.65	826	58.05	42.55	1502.0318	0	0	2.17	0	2_Hrzn_Diff	108.7	209.2
181.3	65.1	166	49.4	0	-49.4	3.57	1049	52.97	39.94	1840.0873	0	0	0.04	0	2_Hrzn_Diff	113.9	206.7
181.3	81.1	166	48.7	49.8641	1.1641	-1.5	1050	47.2	43.84	1408.228	0	0	3.45	0	2_Hrzn_Diff	115.8	206.7
181.3	21	166	41.9	47.8235	5.9235	22.56	1052	64.46	38.22	2037.5972	0	0	1.38	0	2_Hrzn_Diff	104.1	206.7
181.3	56.6	166	30	43.9372	13.9372	23.37	1054	53.37	40.75	1883.6327	0	0	0.32	0	2_Hrzn_Diff	112.7	206.7
181.3	80.2	166	48.5	40.6144	-7.8856	-12.42	1055	36.08	55.06	1409.0809	0	0	2.61	0	2_Hrzn_Diff	115.7	206.7
181.3	93.3	166	34.9	0	-34.9	19.1	1056	54	35.86	1292.9558	0	0	1.69	0	2_Hrzn_Diff	117	206.7
181.3	101.7	166	24.9	0	-24.9	45.69	1059	70.59	18.55	1235.1139	0	0	6.23	0	2_Hrzn_Diff	117.8	206.7
181.3	83.7	166	51.4	52.048	0.648	4.02	1060	55.42	35.36	1904.3696	0	0	1.08	0	2_Hrzn_Diff	116.1	206.7
181.3	79.1	166	75.4	39.1165	-36.2835	-33.26	1061	42.14	49.11	1364.6567	0	0	0.05	0	2_Hrzn_Diff	115.6	206.7
181.3	62.3	166	49.8	44.7621	-5.0379	9.84	1062	59.64	33.66	3063.3664	0	0	1.05	0	2_Hrzn_Diff	113.5	206.7
181.3	62.5	166	40.5	43.4664	2.9664	10.29	1063	50.79	42.46	1517.1404	0	0	3.6	0	2_Hrzn_Diff	113.5	206.7
181.3	96.9	166	47.1	0	-47.1	9.87	1065	56.97	32.57	1294.7397	0	0	0.8	0	2_Hrzn_Diff	117.3	206.7
181.3	78.1	166	53.4	37.5559	-15.8441	-1.52	1066	51.88	39.48	4046.1173	0	0	0.54	0	2_Hrzn_Diff	115.5	206.7
181.3	93.8	166	40.9	0	-40.9	0.58	1067	41.48	48.33	1286.6937	0	0	4.63	0	2_Hrzn_Diff	117.1	206.7
181.3	65.6	166	47.7	37.366	-10.334	9.42	1068	57.12	35.74	2017.0007	0	0	3.74	0	2_Hrzn_Diff	114	206.7
187.3	56	316	62.9	0	-62.9	2.84	1037	65.74	31.31	852.4273	0	0	3.95	0	2_Hrzn_Diff	112.9	209.8
187.3	31	316	67.5	70.2623	2.7623	8.29	1040	75.79	26.32	2833.7755	0	0	5.43	0	2_Hrzn_Diff	107.7	209.8
187.3	66.8	316	41.3	0	-41.3	32.95	1043	74.25	21.31	397.162	0	0	0.6	0	2_Hrzn_Diff	114.4	209.8
199.3	88.1	316	53.4	0	-53.4	2.08	934	55.48	37.71	7080.1408	0	0	0.83	0	2_Hrzn_Diff	117.3	210.4
199.3	106.1	316	81.1	91.2774	10.1774	-12	936	69.1	22.61	2786.6575	0	0	1.3	0	2_Hrzn_Diff	119	210.4
199.3	78.5	316	82	83.4743	1.4743	-33.09	974	48.91	45.25	1726.891	0	0	1.57	0	2_Hrzn_Diff	116.3	210.4
199.3	91.6	316	64.2	59.5201	-4.6799	-4.76	975	59.44	33.44	7072.6504	0	0	2.7	0	2_Hrzn_Diff	117.7	210.4
199.3	68.3	316	60.9	56.3548	-4.5452	6.53	980	67.43	27.91	1581.0936	0	0	0.41	0	2_Hrzn_Diff	115.1	210.4
199.3	110.5	316	55.4	37.0154	-18.3846	0.47	983	55.87	35.47	13429.1525	0	0	2.81	0	2_Hrzn_Diff	119.3	210.4
199.3	82.1	316	73.2	100.9797	27.7797	-14.3	988	58.9	34.92	2452.8545	0	0	3.59	0	2_Hrzn_Diff	116.7	210.4
199.3	116	316	72.8	66.3148	-6.4852	-19.32	989	53.48	37.59	14968.5393	0	0	1.7	0	2_Hrzn_Diff	119.7	210.4
199.3	98.6	316	88	101.8442	13.8442	-35.63	995	52.37	39.95	7934.6055	0	0	0.02	0	2_Hrzn_Diff	118.3	210.4
199.3	116	316	94	94.0623	0.0623	-40.52	1000	53.48	37.59	14968.5393	0	0	1.7	0	2_Hrzn_Diff	119.7	210.4
199.3	111.7	316	94.2	104.2114	10.0114	-32.67	1018	61.53	29.9	1493.3083	0	0	2.83	0	2_Hrzn_Diff	119.4	210.4
199.3	39.9	316	55.9	67.1004	11.2004	0.71	1023	56.61	43.18	1326.3663	0	0	0.95	0	2_Hrzn_Diff	110.5	210.4
205.2	132.3	316	85.12	0	-85.12	-12.63	500	72.49	17.73	3777.5431	0	0	3.13	0	2_Hrzn_Diff	121.1	210.6
211.3	87.9	316	48.7	62.2939	13.5939	22.53	612	71.23	22.05	8641.597	0	0	0.61	0	2_Hrzn_Diff	117.8	210.9
211.3	74.6	316	56.7	63.7353	7.0353	20.19	615	76.89	17.78	6666.8057	0	0	2.23	0	2_Hrzn_Diff	116.4	210.9
211.3	85.4	316	60.5	61.2552	0.7552	14.93	618	75.43	18.09	19363.3591	0	0	1.71	0	2_Hrzn_Diff	117.6	210.9
211.3	59.5	316	53.9	71.2276	17.3276	5.36	621	59.26	37.31	708.2147	0	0	0.37	0	2_Hrzn_Diff	114.4	210.9
211.3	89.1	316	77.9	65.9399	-11.9601	-3.51	622	74.39	18.99	886.4124	0	0	1.35	0	2_Hrzn_Diff	117.9	210.9
211.3	81.3	316	46.1	57.4718	11.3718	24.26	624	70.36	23.6	14556.7392	0	0	0.7	0	2_Hrzn_Diff	117.1	210.9
211.3	85.8	316	53.6	59.8913	6.2913	16.45	626	70.05	23.6	1895.7372	0	0	2.84	0	2_Hrzn_Diff	117.6	210.9

211.3	54.9	316	64.1	77.9774	13.8774	5.92	627	70.02	27.19	492.9381	0	0	0.34	0	2_Hrzn_Diff	113.7	210.9
211.3	66.1	316	68.6	59.9726	-8.6274	5.58	628	74.18	21.46	1984.702	0	0	0.1	0	2_Hrzn_Diff	115.3	210.9
211.3	70.7	316	47.6	60.3086	12.7086	24.18	629	71.78	23.34	2797.4636	0	0	0.54	0	2_Hrzn_Diff	115.9	210.9
211.3	72.8	316	39	62.0463	23.0463	37.01	630	76.01	18.86	3819.4969	0	0	0.02	0	2_Hrzn_Diff	116.2	210.9
211.3	68.4	316	51.6	59.6247	8.0247	24.42	631	76.02	19.37	1267.5247	0	0	2.81	0	2_Hrzn_Diff	115.6	210.9
211.3	56.2	316	43.9	60.8082	16.9082	24.05	634	67.95	29.09	667.8356	0	0	4.47	0	2_Hrzn_Diff	113.9	210.9
211.3	49.9	316	55	77.3446	22.3446	20.62	636	75.62	22.43	3580.1599	0	0	2.45	0	2_Hrzn_Diff	112.9	210.9
211.3	70.2	316	33.4	63.1657	29.7657	32.27	639	65.67	29.48	1433.0632	0	0	2.71	0	2_Hrzn_Diff	115.9	210.9
211.3	86.7	316	58.5	65.4442	6.9442	17.89	640	76.39	17.11	1459.3901	0	0	5.22	0	2_Hrzn_Diff	117.7	210.9
211.3	85	316	59.5	63.6474	4.1474	21.61	642	81.11	12.53	1739.0977	0	0	0.43	0	2_Hrzn_Diff	117.5	210.9
211.3	77	316	42.9	0	-42.9	10.14	646	53.04	41.35	853.3703	0	0	1.93	0	2_Hrzn_Diff	116.7	210.9
211.3	77.5	316	70.1	67.7798	-2.3202	8.01	647	78.11	16.28	1555.4993	0	0	1.51	0	2_Hrzn_Diff	116.7	210.9
211.3	90.3	316	67.9	63.5753	-4.3247	12.2	649	80.1	13.04	2815.8008	0	0	1.61	0	2_Hrzn_Diff	118.1	210.9
211.3	69.9	316	27.9	0	-27.9	47.31	658	75.21	19.97	3164.1983	0	0	5.23	0	2_Hrzn_Diff	115.8	210.9
211.3	63.7	316	45.7	68.7885	23.0885	20.71	659	66.41	29.6	1375.3527	0	0	3.32	0	2_Hrzn_Diff	115	210.9
211.3	88.3	316	67.3	0	-67.3	-0.05	663	67.25	26.08	635.334	0	0	0.96	0	2_Hrzn_Diff	117.9	210.9
211.3	75.9	316	56.3	63.8094	7.5094	19.03	665	75.33	19.2	1606.7566	0	0	0.06	0	2_Hrzn_Diff	116.6	210.9
211.3	88.9	316	51.1	0	-51.1	14.32	668	65.42	27.83	1118.8845	0	0	1.41	0	2_Hrzn_Diff	117.9	210.9
211.3	77.4	316	45.8	65.5402	19.7402	27.45	670	73.25	21.11	4513.4118	0	0	3.32	0	2_Hrzn_Diff	116.7	210.9
211.3	44.1	316	84.2	66.8846	-17.3154	-9.71	671	74.49	24.59	630.7951	0	0	5.43	0	2_Hrzn_Diff	111.8	210.9
211.3	69.1	316	57.2	64.8919	7.6919	4.29	672	61.49	33.83	868.4098	0	0	0.51	0	2_Hrzn_Diff	115.7	210.9
211.3	84.2	316	55.5	0	-55.5	20.16	675	75.66	17.97	6487.8817	0	0	0.57	0	2_Hrzn_Diff	117.5	210.9
211.3	69.4	316	68.7	0	-68.7	25.05	678	93.75	1.49	5944.7273	0	0	0.15	0	2_Hrzn_Diff	115.8	210.9
211.3	56	316	84	82.584	-1.416	-12.41	681	71.59	25.5	879.0563	0	0	0.86	0	2_Hrzn_Diff	113.9	210.9
211.3	18.9	316	55.2	86.7547	31.5547	18.92	689	74.12	32.27	444.5139	0	0	0.56	0	2_Hrzn_Diff	104.5	210.9
211.3	53.8	316	59	79.5672	20.5672	23.14	690	82.14	15.25	2895.8139	0	0	3.31	0	2_Hrzn_Diff	113.6	210.9
211.3	56.5	316	39.7	73.2144	33.5144	31.47	691	71.17	25.86	1165.3499	0	0	1.16	0	2_Hrzn_Diff	114	210.9
211.3	88.1	316	50.9	56.8639	5.9639	23.96	694	74.86	18.45	5252.2861	0	0	0.24	0	2_Hrzn_Diff	117.8	210.9
211.3	90.2	316	60.1	0	-60.1	-20.73	695	39.37	53.7	5781.0107	0	0	0.41	0	2_Hrzn_Diff	118.1	210.9
211.3	82.9	316	27	0	-27	33.26	696	60.26	33.55	608.4856	0	0	0.18	0	2_Hrzn_Diff	117.3	210.9
211.3	77.5	316	57	60.9165	3.9165	19.25	703	76.25	18.1	1890.7799	0	0	4.4	0	2_Hrzn_Diff	116.7	210.9
211.3	54.7	316	57.7	68.2899	10.5899	24.07	706	81.77	15.48	2395.8423	0	0	4.08	0	2_Hrzn_Diff	113.7	210.9
211.3	83.8	316	30.1	0	-30.1	30.21	707	60.31	33.41	986.7784	0	0	0.17	0	2_Hrzn_Diff	117.4	210.9
211.3	88.4	316	64.9	0	-64.9	9.65	710	74.55	18.79	3294.7727	0	0	2.46	0	2_Hrzn_Diff	117.9	210.9
211.3	71.5	316	68.1	71.4209	3.3209	1.15	712	69.25	25.75	18912.8763	0	0	0.47	0	2_Hrzn_Diff	116	210.9
211.3	45.7	316	61.3	84.6109	23.3109	2.93	713	64.23	34.56	1637.9494	0	0	3.85	0	2_Hrzn_Diff	112.1	210.9
211.3	55.9	316	77.1	71.733	-5.367	-26.26	714	50.84	46.2	8525.2956	0	0	0.62	0	2_Hrzn_Diff	113.9	210.9
211.3	75.8	316	47.6	64.8246	17.2246	19.67	715	67.27	27.26	5964.1391	0	0	2.13	0	2_Hrzn_Diff	116.5	210.9
211.3	52.3	316	61.2	79.2131	18.0131	13.17	716	74.37	23.27	1754.7284	0	0	2.83	0	2_Hrzn_Diff	113.3	210.9
211.3	168.4	302	65.5		-65.5	-22.27	822	43.23	44.74	1728.2123	0	0	4.26	0	2_Hrzn_Diff	123.5	210.7
513.3	50.5	1200	34.2	45.505	11.305	19.77	603	53.97	49.73	865.8305	0	0	0.21	0	2_Hrzn_Diff	120.7	224.4
513.3	31.4	1200	64.2	70.8185	6.6185	-2.81	604	61.39	46.41	981.0098	0	0	0.22	0	2_Hrzn_Diff	116.6	224.4
513.3	58.7	1200	49.4	51.7607	2.3607	18.04	609	67.44	35.01	1547.4561	0	0	4.22	0	2_Hrzn_Diff	122	224.4
705.3	84	500	78.7	100.5	21.8	-26.52	9	52.18	43.4	538.7205	0	0	3.55	0	2_Hrzn_Diff	127.9	223.3
705.3	83.5	500	77	100.5	23.5	-42.45	10	34.55	61.09	692.1641	0	0	1.76	0	2_Hrzn_Diff	127.9	223.3
705.3	34.9	500	74.3	103	28.7	-26.27	76	48.03	54.9	1112.8182	0	0	2.64	0	2_Hrzn_Diff	120.3	223.3
705.3	64.2	500	63.7	81.4	17.7	-5.38	82	58.32	39.55	2100.3636	0	0	2.81	0	2_Hrzn_Diff	125.6	223.3
705.3	158.8	500	33.6	41.2	7.6	14.3	85	47.9	43.26	10329.5972	0	0	1.33	0	2_Hrzn_Diff	133.4	223.3
705.3	83.3	500	48.2	37.8	-10.4	-4.58	86	43.62	52.1	1045.2196	0	0	4.67	0	2_Hrzn_Diff	127.8	223.3
705.3	35.2	500	70.9	82.2	11.3	-4.64	92	66.26	36.62	2508.4395	0	0	2.07	0	2_Hrzn_Diff	120.3	223.3
705.3	49.8	500	66	66.3	0.3	-12.35	95	53.65	46.39	935.8038	0	0	2.09	0	2_Hrzn_Diff	123.4	223.3
705.3	64.8	500	65.2	73.6	8.4	-15.04	98	50.16	47.63	2994.4995	0	0	5.35	0	2_Hrzn_Diff	125.6	223.3
705.3	73.8	500	59.4	53.8	-5.6	-13.63	100	45.77	50.96	971.7772	0	0	1.16	0	2_Hrzn_Diff	126.8	223.3

705.3	88.2	500	51.3	82.2	30.9	1.86	103	53.16	42.07	1037.2416	0	0	2.38	0	2_Hrzn_Diff	128.3	223.3
705.3	26	500	95	105.6	10.6	-47.48	106	47.52	57.29	1040.3327	0	0	0.16	0	2_Hrzn_Diff	117.7	223.3
705.3	45.3	500	66.2	61.8	-4.4	-7.76	110	58.44	42.4	1141.7668	0	0	1.57	0	2_Hrzn_Diff	122.5	223.3
705.3	84.1	500	49.3	57.5	8.2	21.64	118	70.94	24.72	3834.8608	0	0	1.33	0	2_Hrzn_Diff	127.9	223.3
705.3	115	500	53.3	57	3.7	16.2	119	69.5	23.58	1344.5416	0	0	1.09	0	2_Hrzn_Diff	130.6	223.3
705.3	87.7	500	35.7	53.4	17.7	8.1	135	43.8	51.53	1242.934	0	0	1.53	0	2_Hrzn_Diff	128.3	223.3
705.3	59.7	500	62.6	72.1	9.5	-12.66	145	49.94	48.55	1416.7495	0	0	2.05	0	2_Hrzn_Diff	124.9	223.3
705.3	65.6	500	72	62	-10	-2.14	150	69.86	27.82	1757.5648	0	0	0.23	0	2_Hrzn_Diff	125.8	223.3
705.3	55.6	500	92.8	87.1	-5.7	-44.9	156	47.9	51.2	1076.138	0	0	0.49	0	2_Hrzn_Diff	124.3	223.3
705.3	87.9	500	63.8	100.7	36.9	-12.85	158	50.95	44.29	13408.7649	0	0	0.87	0	2_Hrzn_Diff	128.3	223.3
705.3	78.8	500	58.4	57.2	-1.2	4.16	165	62.56	33.58	4066.2681	0	0	0.67	0	2_Hrzn_Diff	127.3	223.3
705.3	87.4	500	43.6	58.3	14.7	21.43	166	65.03	30.26	4591.7129	0	0	1.1	0	2_Hrzn_Diff	128.2	223.3
705.3	61.9	500	75	104.1	29.1	-46.24	172	28.76	69.43	1004.5917	0	0	0.81	0	2_Hrzn_Diff	125.3	223.3
705.3	59	500	62.3	72.8	10.5	-6.61	177	55.69	42.88	1638.4141	0	0	3.01	0	2_Hrzn_Diff	124.8	223.3
705.3	73.7	500	80.4	33.5	-46.9	-41.91	180	38.49	58.2	1146.947	0	0	1.95	0	2_Hrzn_Diff	126.8	223.3
705.3	77.9	500	87.6	60.2	-27.4	-32.34	181	55.26	40.95	2025.9093	0	0	0.02	0	2_Hrzn_Diff	127.2	223.3
705.3	96.6	500	69.2	62.4	-6.8	-24.72	182	44.48	49.9	191.9461	0	0	3.99	0	2_Hrzn_Diff	129.1	223.3
705.3	64.3	500	64.9	54.8	-10.1	-1.84	194	63.06	34.79	1359.3266	0	0	0.61	0	2_Hrzn_Diff	125.6	223.3
705.3	83.7	500	38.3	29.4	-8.9	13.74	198	52.04	43.58	2355.8371	0	0	0.23	0	2_Hrzn_Diff	127.9	223.3
705.3	40.4	2340	69	77.3508	8.3508	-5.28	718	63.72	44.78	833.7724	0	0	2.31	0	2_Hrzn_Diff	121.5	230.0
705.3	39.3	2340	54.2	68.2365	14.0365	7.08	722	61.28	47.48	648.6017	0	0	5.69	0	2_Hrzn_Diff	121.3	230.0
705.3	79.4	2340	26.5	0	-26.5	38.68	724	65.18	37.58	1292.6491	0	0	3.8	0	2_Hrzn_Diff	127.4	230.0
705.3	7.2	2340	74.4	117.0252	42.6252	-15.81	728	58.59	60.23	1042.6531	0	0	1.92	0	2_Hrzn_Diff	106.6	230.0
705.3	78.1	2340	30.9	0	-30.9	27.81	729	58.71	44.22	1564.8226	0	0	3.4	0	2_Hrzn_Diff	127.3	230.0
705.3	40	2340	72.2	66.7148	-5.4852	-26.86	730	45.34	63.25	596.8285	0	0	4.72	0	2_Hrzn_Diff	121.5	230.0
705.3	53.6	2340	60.5	0	-60.5	1.71	731	62.21	43.89	870.5586	0	0	2.09	0	2_Hrzn_Diff	124	230.0
705.3	23.4	2340	63.2	108.525	45.325	-11.81	735	51.39	61.86	537.5622	0	0	3.22	0	2_Hrzn_Diff	116.8	230.0
705.3	45.6	2340	49.8	72.2473	22.4473	14.98	737	64.78	42.7	876.6127	0	0	0.05	0	2_Hrzn_Diff	122.6	230.0
705.3	26.9	2340	70.6	0	-70.6	-8.55	739	62.05	49.99	1099.7074	0	0	2.31	0	2_Hrzn_Diff	118	230.0
705.3	15.3	2340	88.6	95.9012	7.3012	-24.16	740	64.44	52	787.044	0	0	2.05	0	2_Hrzn_Diff	113.1	230.0
705.3	62.2	2340	59.4	80.5019	21.1019	22.18	742	81.58	23.24	1921.9616	0	0	0.96	0	2_Hrzn_Diff	125.3	230.0
705.3	52.2	2340	47	0	-47	9.87	743	56.87	49.46	866.5533	0	0	3.8	0	2_Hrzn_Diff	123.8	230.0
705.3	37.6	2340	64	0	-64	3.5	744	67.5	41.64	982.6575	0	0	1.85	0	2_Hrzn_Diff	120.9	230.0
705.3	38.7	2340	52.1	0	-52.1	13.87	748	65.97	42.92	2070.6986	0	0	0.43	0	2_Hrzn_Diff	121.2	230.0
705.3	56.7	2340	41.5	0	-41.5	31.18	750	72.68	32.94	1920.8678	0	0	0.47	0	2_Hrzn_Diff	124.5	230.0
705.3	41	2340	60.1	73.7021	13.6021	-5.4	755	54.7	53.68	988.1254	0	0	2.75	0	2_Hrzn_Diff	121.7	230.0
705.3	24	2340	67.7	86.7796	19.0796	-4.94	756	62.76	50.25	815.6171	0	0	3.44	0	2_Hrzn_Diff	117	230.0
705.3	6.8	2340	61	93.0936	32.0936	1.68	759	62.68	55.98	735.2901	0	0	2.4	0	2_Hrzn_Diff	106.1	230.0
705.3	39	2340	66.8	77.0676	10.2676	-1.1	763	65.7	43.12	5146.8608	0	0	2.4	0	2_Hrzn_Diff	121.2	230.0
705.3	27.3	2340	77	69.1966	-7.8034	-17.64	764	59.36	52.56	2060.6492	0	0	0.34	0	2_Hrzn_Diff	118.1	230.0
705.3	70.6	2340	57.8	0	-57.8	2.47	765	60.27	43.48	865.1154	0	0	1.7	0	2_Hrzn_Diff	126.4	230.0
705.3	46.1	2340	28.5	0	-28.5	32.48	766	60.98	46.39	590.5637	0	0	1.12	0	2_Hrzn_Diff	122.7	230.0
705.3	74.2	2340	30.3	0	-30.3	19.54	768	49.84	53.5	700.8175	0	0	0.09	0	2_Hrzn_Diff	126.8	230.0
705.3	61.3	2340	79.8	0	-79.8	-18.15	772	61.65	43.3	708.7969	0	0	1.96	0	2_Hrzn_Diff	125.2	230.0
705.3	22.5	2340	55.6	113.4147	57.8147	6.51	781	62.11	51.45	570.6517	0	0	3.38	0	2_Hrzn_Diff	116.5	230.0
705.3	8.7	2340	74.9	79.6516	4.7516	-17	782	57.9	60.56	803.7275	0	0	5.49	0	2_Hrzn_Diff	108.2	230.0
705.3	30.5	2340	71.2	71.1747	-0.0253	-11.77	783	59.43	51.51	552.7635	0	0	0.54	0	2_Hrzn_Diff	119.1	230.0
705.3	75	2340	46.4	66.5057	20.1057	16.16	784	62.56	40.67	607.298	0	0	1.3	0	2_Hrzn_Diff	126.9	230.0
705.3	42.4	2340	52.7	68.0121	15.3121	-10.31	786	42.39	65.7	566.2307	0	0	1.4	0	2_Hrzn_Diff	122	230.0
705.3	38.4	2340	55.6	0	-55.6	9.53	790	65.13	43.82	970.71	0	0	1.04	0	2_Hrzn_Diff	121.1	230.0
705.3	36.7	2340	56	0	-56	17.03	792	73.03	36.31	1387.3143	0	0	0.05	0	2_Hrzn_Diff	120.7	230.0
705.3	62.6	2340	85.9	80.9691	-4.9309	-4.94	797	80.96	23.8	1244.6065	0	0	0.38	0	2_Hrzn_Diff	125.3	230.0
705.3	45.5	2340	69.1	78.8954	9.7954	-9.48	798	59.62	47.88	928.165	0	0	1.85	0	2_Hrzn_Diff	122.6	230.0

705.3	37	2340	62.2	0	-62.2	-28.56	799	33.64	75.64	607.2473	0	0	0.04	0	2_Hrzn_Diff	120.8	230.0
705.3	45.1	2340	62.9	79.9268	17.0268	-1.56	800	61.34	46.24	6253.7373	0	0	0.32	0	2_Hrzn_Diff	122.5	230.0
705.3	22.3	2340	61	78.4488	17.4488	1.77	803	62.77	50.89	1576.9641	0	0	0.88	0	2_Hrzn_Diff	116.4	230.0
705.3	75.5	2340	35.9	0	-35.9	28.14	804	64.04	39.15	579.2396	0	0	0.5	0	2_Hrzn_Diff	127	230.0
705.3	29.6	2340	57.1	79.5346	22.4346	-4.15	805	52.95	58.26	1053.7409	0	0	0.16	0	2_Hrzn_Diff	118.8	230.0
705.3	68.8	2340	35.5	0	-35.5	46.49	807	81.99	21.98	4663.388	0	0	0.97	0	2_Hrzn_Diff	126.2	230.0
705.3	45.7	2340	54.4	0	-54.4	24.96	808	79.36	28.1	585.7074	0	0	2.63	0	2_Hrzn_Diff	122.6	230.0
705.3	64.2	2340	73.6	70.9575	-2.6425	-4.7	809	68.9	35.65	846.6027	0	0	3.23	0	2_Hrzn_Diff	125.6	230.0
705.3	16.4	2340	71.1	115.7779	44.6779	-14.14	810	56.96	58.87	489.771	0	0	1.22	0	2_Hrzn_Diff	113.7	230.0
705.3	55.1	2340	38.5	0	-38.5	29.58	811	68.08	37.78	648.2487	0	0	5.38	0	2_Hrzn_Diff	124.2	230.0
705.3	69.5	2340	54.4	68.8195	14.4195	16.28	812	70.68	33.19	4268.1641	0	0	1.5	0	2_Hrzn_Diff	126.3	230.0
705.3	33.2	2340	61.5	0	-61.5	-2.75	815	58.75	51.46	1031.7225	0	0	3.39	0	2_Hrzn_Diff	119.8	230.0
705.3	18.3	2340	71.7	79.6563	7.9563	-4.89	818	66.81	48.41	992.1483	0	0	2.7	0	2_Hrzn_Diff	114.7	230.0
705.3	18.7	2340	73.1	83.7621	10.6621	-15.51	819	57.59	57.44	803.1988	0	0	0.04	0	2_Hrzn_Diff	114.9	230.0
55.25	35.8	100	89.7	76.334	-13.366	-10.3	501	79.4	inf	22958.7376	0	0	0.04	0	L-o-S	98.37	194.2
55.25	55.44	100	73.7	57.7206	-15.9794	-3.59	502	70.11	inf	55271.9624	0	0	3.02	0	L-o-S	102.2	194.2
61.25	47.4	100	86.8	80.8246	-5.9754	-15.36	399	71.44	inf	47351.5335	0	0	3.51	0	L-o-S	101.7	195.1
61.25	26.4	100	94.5	98.332	3.832	-15.99	402	78.51	inf	26368.0419	0	0	0.23	0	L-o-S	96.62	195.1
61.25	21.9	100	85.4	94.6565	9.2565	2.22	404	87.62	inf	21871.5846	0	0	0.3	0	L-o-S	95	195.1
61.25	70.5	100	74.1	61.5554	-12.5446	-6.07	407	68.03	inf	70511.3581	0	0	3.25	0	L-o-S	105.2	195.1
61.25	32.9	100	86.7	87.7184	1.0184	-12.11	409	74.59	inf	32898.5635	0	0	0.17	0	L-o-S	98.54	195.1
61.25	23	100	92.5	99.4612	6.9612	-3.75	412	88.75	inf	23016.0564	0	0	2.8	0	L-o-S	95.43	195.1
61.25	123.3	100	61.1	55.2362	-5.8638	2.28	416	63.38	inf	123334.6779	0	0	1.63	0	L-o-S	110	195.1
61.25	54.7	100	75.3	82.1439	6.8439	-5.09	420	70.21	inf	54656.4552	0	0	0.8	0	L-o-S	103	195.1
61.25	50.1	100	73	80.3804	7.3804	-2.04	424	70.96	inf	50079.4256	0	0	1.12	0	L-o-S	102.2	195.1
61.25	37.3	100	78.2	93.0278	14.8278	-4.7	425	73.5	inf	37334.0893	0	0	1.58	0	L-o-S	99.63	195.1
61.25	38.8	100	85	87.8096	2.8096	-11.84	426	73.16	inf	38807.7167	0	0	0.36	0	L-o-S	99.97	195.1
61.25	86.5	100	68.5	64.0877	-4.4123	-2.2	427	66.3	inf	86492.901	0	0	2.68	0	L-o-S	106.9	195.1
61.25	46.2	100	79.4	87.398	7.998	-7.75	430	71.65	inf	46245.2628	0	0	0.94	0	L-o-S	101.5	195.1
61.25	45.7	100	80.3	80.512	0.212	-8.54	432	71.76	inf	45659.5734	0	0	1.4	0	L-o-S	101.4	195.1
61.25	56	100	77.4	71.5908	-5.8092	-7.4	434	70	inf	56000.612	0	0	0.28	0	L-o-S	103.2	195.1
61.25	61.6	100	69.5	76.5996	7.0996	-0.32	435	69.18	inf	61598.7208	0	0	2.14	0	L-o-S	104	195.1
61.25	71.6	100	66.7	62.0921	-4.6079	1.19	436	67.89	inf	71567.5883	0	0	0.89	0	L-o-S	105.3	195.1
61.25	48.2	100	80	82.1344	2.1344	-8.72	437	71.28	inf	48247.311	0	0	4.71	0	L-o-S	101.9	195.1
61.25	37.7	100	84.2	87.658	3.458	-10.8	440	73.4	inf	37737.3456	0	0	0.82	0	L-o-S	99.72	195.1
61.25	44.3	100	83.6	84.7705	1.1705	-11.59	444	72.01	inf	44340.9877	0	0	0.92	0	L-o-S	101.1	195.1
61.25	66.3	100	73.3	70.3721	-2.9279	-4.74	446	68.56	inf	66258.5543	0	0	2.03	0	L-o-S	104.6	195.1
61.25	29.5	100	91.1	92.9179	1.8179	-15.56	447	75.54	inf	29477.2655	0	0	0.45	0	L-o-S	97.59	195.1
61.25	37	100	88.8	92.6045	3.8045	-15.23	449	73.57	inf	37023.3563	0	0	1.27	0	L-o-S	99.56	195.1
61.25	41.7	100	90.8	89.1261	-1.6739	-15.47	450	75.33	inf	41739.9829	0	0	0.21	0	L-o-S	100.6	195.1
61.25	34.4	100	93.1	95.284	2.184	-15.32	452	77.78	inf	34446.9894	0	0	2.34	0	L-o-S	98.92	195.1
61.25	67.7	100	72.7	69.7357	-2.9643	-4.33	453	68.37	inf	67730.9378	0	0	0.7	0	L-o-S	104.8	195.1
61.25	35	100	76.5	86.2602	9.7602	-1.64	456	74.86	inf	35026.4089	0	0	0.69	0	L-o-S	99.07	195.1
61.25	14.8	100	93.4	100.8339	7.4339	1.59	461	94.99	inf	14779.8245	0	0	1.02	0	L-o-S	91.6	195.1
61.25	49.4	100	70.3	80.9227	10.6227	0.77	463	71.07	inf	49427.5294	0	0	0.23	0	L-o-S	102.1	195.1
61.25	53.7	100	75.8	76.399	0.599	-5.44	466	70.36	inf	53733.2801	0	0	0.89	0	L-o-S	102.8	195.1
61.25	66.9	100	73.8	78.9425	5.1425	-5.33	467	68.47	inf	66888.7471	0	0	0.82	0	L-o-S	104.7	195.1
61.25	25.6	100	70.4	92.337	21.937	6.5	469	76.9	inf	25571.9861	0	0	3.38	0	L-o-S	96.36	195.1
61.25	72.6	100	46.6	67.4994	20.8994	21.18	475	67.78	inf	72582.3369	0	0	0.82	0	L-o-S	105.4	195.1
61.25	45.8	100	77.1	80.4791	3.3791	-5.36	476	71.74	inf	45765.9813	0	0	2.48	0	L-o-S	101.4	195.1
61.25	103.2	100	59.9	55.0449	-4.8551	4.91	477	64.81	inf	103227.1692	0	0	0.21	0	L-o-S	108.5	195.1
61.25	51.5	100	76.5	71.5666	-4.9334	-5.78	481	70.72	inf	51507.9835	0	0	3.72	0	L-o-S	102.4	195.1
61.25	38.3	100	90.4	88.7011	-1.6989	-15.54	482	74.86	inf	38266.4662	0	0	0.99	0	L-o-S	99.86	195.1

61.25	4	100	52.7	114.908	62.208	54.83	483	107.53	inf	3958.6093	0	0	0	0	L-o-S	80.23	195.1
61.25	97.5	100	70.8	65.0632	-5.7368	-5.51	485	65.29	inf	97483.4782	0	0	0.24	0	L-o-S	108	195.1
61.25	50.9	100	82.4	89.0107	6.6107	-11.57	487	70.83	inf	50854.9537	0	0	1	0	L-o-S	102.3	195.1
61.25	51	100	78.4	80.5291	2.1291	-7.59	488	70.81	inf	50973.835	0	0	1.11	0	L-o-S	102.3	195.1
61.25	67.7	100	72.1	69.7334	-2.3666	-3.72	489	68.38	inf	67655.7835	0	0	0.64	0	L-o-S	104.8	195.1
61.25	36.5	100	86.5	85.5616	-0.9384	-12.81	490	73.69	inf	36522.3629	0	0	0.11	0	L-o-S	99.44	195.1
61.25	111	100	60.7	56.6618	-4.0382	3.55	491	64.25	inf	110956.2937	0	0	1.66	0	L-o-S	109.1	195.1
61.25	45.8	100	77.1	80.4791	3.3791	-5.36	493	71.74	inf	45765.9813	0	0	2.48	0	L-o-S	101.4	195.1
61.25	70.1	100	69.3	79.5363	10.2363	-1.23	494	68.07	inf	70148.1329	0	0	4.64	0	L-o-S	105.1	195.1
61.25	44.3	100	83.1	81.2807	-1.8193	-11.08	495	72.02	inf	44300.9418	0	0	0.4	0	L-o-S	101.1	195.1
61.25	48.9	100	77	78.7425	1.7425	-5.84	496	71.16	inf	48940.4464	0	0	0.54	0	L-o-S	102	195.1
61.25	19.5	100	93.8	96.3405	2.5405	-3.72	497	90.08	inf	19525.4177	0	0	3.24	0	L-o-S	93.99	195.1
61.25	27.2	100	93.2	90.9537	-2.2463	-12.57	498	80.63	inf	27162.5291	0	0	0.46	0	L-o-S	96.88	195.1
61.25	40	100	78.1	89.2195	11.1195	-5.19	499	72.91	inf	39961.5933	0	0	0.67	0	L-o-S	100.2	195.1
67.25	23.1	100	80.5	89.7243	9.2243	-2.82	503	77.68	inf	23071.9454	0	0	0	0	L-o-S	96.28	195.9
67.25	17	100	85.4	94.0866	8.6866	-5.06	504	80.34	inf	16956.359	0	0	0	0	L-o-S	93.61	195.9
67.25	38	100	73.6	82.2704	8.6704	-0.23	505	73.37	inf	38022.8162	0	0	0	0	L-o-S	100.6	195.9
67.25	40.7	100	66.6	80.56	13.96	6.19	506	72.79	inf	40682.7004	0	0	1.61	0	L-o-S	101.2	195.9
67.25	20.4	100	76.3	94.8008	18.5008	2.43	507	78.73	inf	20424.5712	0	0	0	0	L-o-S	95.2	195.9
67.25	29	100	77.4	87.7975	10.3975	-1.71	508	75.69	inf	29042.3606	0	0	0	0	L-o-S	98.25	195.9
67.25	12.7	100	87.7	102.0704	14.3704	-4.88	509	82.82	inf	12742.4176	0	0	0	0	L-o-S	91.08	195.9
67.25	36.2	100	76.3	80.4066	4.1066	-2.51	510	73.79	inf	36184.5618	0	0	0	0	L-o-S	100.2	195.9
67.25	30.3	100	76.7	84.3329	7.6329	-1.38	511	75.32	inf	30322.3254	0	0	0	0	L-o-S	98.63	195.9
67.25	10	100	99.7	109.6025	9.9025	-12.67	512	87.03	inf	9966.1803	0	0	0	0	L-o-S	89	195.9
67.25	3.6	100	91.3	109.2719	17.9719	17.79	513	109.09	inf	3634.6487	0	0	0	0	L-o-S	80.13	195.9
67.25	36	100	71.9	83.4638	11.5638	1.95	514	73.85	inf	35958.8867	0	0	0	0	L-o-S	100.1	195.9
67.25	20	100	80.9	90.8883	9.9883	-1.98	515	78.92	inf	19975.7399	0	0	0	0	L-o-S	95.02	195.9
67.25	9.8	100	96.8	105.7967	8.9967	-9.3	516	87.5	inf	9753.3124	0	0	0	0	L-o-S	88.83	195.9
67.25	16.5	100	87.3	94.5421	7.2421	-6.72	517	80.58	inf	16492.7524	0	0	0	0	L-o-S	93.35	195.9
67.25	55.5	100	63.6	72.5746	8.9746	6.55	518	70.15	inf	55491.6322	0	0	3.72	0	L-o-S	103.9	195.9
67.25	12.3	100	93.5	98.6361	5.1361	-10.39	519	83.11	inf	12328.7844	0	0	0	0	L-o-S	90.8	195.9
67.25	11.3	100	87.9	98.8622	10.9622	-1.11	520	86.79	inf	11297.1718	0	0	0	0	L-o-S	90.07	195.9
67.25	20	100	77.5	91.6843	14.1843	1.42	522	78.92	inf	19971.2087	0	0	0	0	L-o-S	95.02	195.9
67.25	28.3	100	80.6	88.5541	7.9541	-4.69	523	75.91	inf	28296.1637	0	0	0	0	L-o-S	98.04	195.9
67.25	18.1	100	89.7	97.252	7.552	-9.91	524	79.79	inf	18080.8251	0	0	0	0	L-o-S	94.16	195.9
67.25	46.8	100	68.5	77.1467	8.6467	3.1	525	71.6	inf	46798.5267	0	0	0	0	L-o-S	102.4	195.9
67.25	17.8	100	85.9	99.7152	13.8152	-5.96	526	79.94	inf	17763.1123	0	0	0	0	L-o-S	94.01	195.9
67.25	3.4	100	107	111.2318	4.2318	2.67	527	109.67	inf	3377.255	0	0	0	0	L-o-S	79.63	195.9
67.25	19.5	100	82.1	95.3096	13.2096	-2.96	528	79.14	inf	19483.7054	0	0	1.37	0	L-o-S	94.8	195.9
67.25	21.1	100	80.8	89.9959	9.1959	-2.36	529	78.44	inf	21119.395	0	0	0	0	L-o-S	95.49	195.9
67.25	21.8	100	71	90.0084	19.0084	7.18	530	78.18	inf	21758.4985	0	0	0	0	L-o-S	95.77	195.9
67.25	43.8	100	70	78.2102	8.2102	2.15	531	72.15	inf	43829.5933	0	0	0	0	L-o-S	101.8	195.9
67.25	22.5	100	81.2	89.3468	8.1468	-3.3	532	77.9	inf	22475.0639	0	0	0	0	L-o-S	96.05	195.9
67.25	36.7	100	74.3	83.0559	8.7559	-0.62	533	73.68	inf	36663.0213	0	0	0	0	L-o-S	100.3	195.9
67.25	2	100	93.9	112.9963	19.0963	18.51	534	112.41	inf	1970.5924	0	0	0	0	L-o-S	75.02	195.9
67.25	7.7	100	87.2	111.0331	23.8331	6.41	535	93.61	inf	7672.5993	0	0	0	0	L-o-S	86.73	195.9
67.25	17.2	100	88.7	95.1349	6.4349	-8.47	536	80.23	inf	17170.2774	0	0	0	0	L-o-S	93.71	195.9
67.25	14.6	100	70.3	99.7528	29.4528	11.33	537	81.63	inf	14610.6293	0	0	0	0	L-o-S	92.29	195.9
67.25	14	100	88.8	101.3949	12.5949	-6.41	538	82.39	inf	14041.7165	0	0	0	0	L-o-S	91.93	195.9
67.25	11.3	100	84.6	104.0593	19.4593	1.24	539	85.84	inf	11268.6888	0	0	0	0	L-o-S	90.07	195.9
67.25	5	100	98.2	107.6339	9.4339	8.39	540	106.59	inf	5017.558	0	0	0	0	L-o-S	82.98	195.9
67.25	20.1	100	82.5	95.3258	12.8258	-3.63	541	78.87	inf	20089.5948	0	0	0	0	L-o-S	95.07	195.9
67.25	22.2	100	80.2	94.1112	13.9112	-2.18	542	78.02	inf	22179.2135	0	0	0	0	L-o-S	95.93	195.9

67.25	18	100	77.4	92.1272	14.7272	2.41	543	79.81	inf	18034.2337	0	0	2.58	0 L-o-S	94.11	195.9
67.25	2.4	100	111	110.6434	-0.3566	0.76	544	111.76	inf	2442.692	0	0	0	0 L-o-S	76.61	195.9
67.25	26.5	100	74	89.6576	15.6576	2.48	545	76.48	inf	26507.2747	0	0	0	0 L-o-S	97.47	195.9
67.25	24.3	100	83.3	88.4082	5.1082	-6.07	546	77.23	inf	24302.5113	0	0	0	0 L-o-S	96.72	195.9
67.25	22.7	100	93.8	91.4085	-2.3915	-16	547	77.8	inf	22745.8076	0	0	0	0 L-o-S	96.12	195.9
67.25	16.3	100	89	98.2167	9.2167	-8.32	548	80.68	inf	16300.3641	0	0	0	0 L-o-S	93.25	195.9
67.25	42	100	71.4	79.8665	8.4665	1.12	549	72.52	inf	41994.2085	0	0	0	0 L-o-S	101.5	195.9
67.25	17.1	100	87.3	94.3093	7.0093	-7.02	550	80.28	inf	17075.8275	0	0	0	0 L-o-S	93.66	195.9
67.25	17.9	100	85.8	97.2312	11.4312	-5.9	551	79.9	inf	17854.454	0	0	0	0 L-o-S	94.06	195.9
67.25	29.7	100	81.5	87.3961	5.8961	-5.99	552	75.51	inf	29661.1854	0	0	0	0 L-o-S	98.46	195.9
67.25	44.4	100	70.7	78.1742	7.4742	1.35	553	72.05	inf	44380.5699	0	0	0	0 L-o-S	102	195.9
67.25	17.5	100	85.7	97.0307	11.3307	-5.64	554	80.06	inf	17508.7976	0	0	0	0 L-o-S	93.86	195.9
67.25	35.7	100	73	80.0409	7.0409	0.92	555	73.92	inf	35651.5738	0	0	0	0 L-o-S	100.1	195.9
67.25	15.6	100	87.9	100.1638	12.2638	-6.85	556	81.05	inf	15632.1112	0	0	0	0 L-o-S	92.87	195.9
67.25	18.3	100	86.1	96.5174	10.4174	-6.44	557	79.66	inf	18344.3928	0	0	0	0 L-o-S	94.25	195.9
67.25	10.7	100	98.3	107.1559	8.8559	-13.3	558	85	inf	10743.9669	0	0	0	0 L-o-S	89.59	195.9
67.25	4.5	100	104.5	110.0451	5.5451	2.86	559	107.36	inf	4541.3414	0	0	0	0 L-o-S	82.07	195.9
67.25	11.3	100	86.7	103.4127	16.7127	-1.64	560	85.06	inf	11290.7549	0	0	0	0 L-o-S	90.07	195.9
67.25	16	100	92.9	94.2993	1.3993	-12.06	561	80.84	inf	16005.2184	0	0	0	0 L-o-S	93.09	195.9
67.25	37.6	100	74.6	82.4987	7.8987	-1.13	562	73.47	inf	37598.7272	0	0	0	0 L-o-S	100.5	195.9
67.25	3.3	100	97.1	109.9092	12.8092	12.66	563	109.76	inf	3319.7056	0	0	0	0 L-o-S	79.37	195.9
67.25	6	100	103	109.9131	6.9131	2.46	564	105.46	inf	5991.3059	0	0	0	0 L-o-S	84.57	195.9
67.25	1.6	100	110.2	112.0229	1.8229	2.4	565	112.6	inf	1605.1761	0	0	0	0 L-o-S	73.09	195.9
67.25	20	100	80.9	90.8883	9.9883	-1.98	566	78.92	inf	19975.7399	0	0	0	0 L-o-S	95.02	195.9
67.25	30.3	100	71.7	83.3447	11.6447	3.63	567	75.33	inf	30255.0757	0	0	0.95	0 L-o-S	98.63	195.9
67.25	16.7	100	89.6	98.841	9.241	-9.12	568	80.48	inf	16680.9408	0	0	0	0 L-o-S	93.46	195.9
67.25	10.9	100	97.7	104.9121	7.2121	-12.03	569	85.67	inf	10945.4841	0	0	0	0 L-o-S	89.75	195.9
67.25	18.4	100	85.8	96.6375	10.8375	-6.18	570	79.62	inf	18425.2002	0	0	0	0 L-o-S	94.3	195.9
67.25	35.1	100	76.1	84.3075	8.2075	-2.05	571	74.05	inf	35115.5833	0	0	0	0 L-o-S	99.91	195.9
67.25	29.3	100	77.4	87.9542	10.5542	-1.79	572	75.61	inf	29319.4298	0	0	3.37	0 L-o-S	98.34	195.9
67.25	29.6	100	77.6	84.9067	7.3067	-2.07	573	75.53	inf	29560.2	0	0	0	0 L-o-S	98.43	195.9
67.25	47.5	100	65.5	76.6748	11.1748	5.97	574	71.47	inf	47485.9896	0	0	0	0 L-o-S	102.5	195.9
67.25	34.7	100	75.1	84.4873	9.3873	-0.95	575	74.15	inf	34731.8562	0	0	0	0 L-o-S	99.81	195.9
67.25	22.3	100	81.4	90.5094	9.1094	-3.43	576	77.97	inf	22301.8844	0	0	0	0 L-o-S	95.97	195.9
67.25	49.8	100	67.9	75.4256	7.5256	3.17	577	71.07	inf	49809.7764	0	0	0	0 L-o-S	102.9	195.9
67.25	25.2	100	75.8	87.7563	11.9563	1.13	578	76.93	inf	25161.2357	0	0	0	0 L-o-S	97.03	195.9
67.25	19	100	85.9	96.5723	10.6723	-6.54	579	79.36	inf	18993.7032	0	0	0	0 L-o-S	94.58	195.9
67.25	35.3	100	80.1	80.7899	0.6899	-6.1	580	74	inf	35311.4199	0	0	0	0 L-o-S	99.96	195.9
67.25	10.4	100	87.6	104.3333	16.7333	-2.67	581	84.93	inf	10416.4497	0	0	0	0 L-o-S	89.34	195.9
67.25	8	100	106.1	111.8449	5.7449	-11.92	582	94.18	inf	8002.254	0	0	0	0 L-o-S	87.07	195.9
67.25	49.6	100	72.8	75.6075	2.8075	-1.7	583	71.1	inf	49585.3486	0	0	3.45	0 L-o-S	102.9	195.9
67.25	25.9	100	78.1	89.7463	11.6463	-1.44	584	76.66	inf	25946.5999	0	0	0	0 L-o-S	97.27	195.9
67.25	39.2	100	73.5	81.4168	7.9168	-0.38	585	73.12	inf	39156.2738	0	0	0.58	0 L-o-S	100.9	195.9
67.25	3.3	100	109.7	112.6499	2.9499	0.1	586	109.8	inf	3307.7135	0	0	0	0 L-o-S	79.37	195.9
67.25	29.1	100	82.1	87.8967	5.7967	-6.42	587	75.68	inf	29059.7022	0	0	0	0 L-o-S	98.28	195.9
67.25	11.6	100	92	99.7991	7.7991	-6.78	588	85.22	inf	11572.307	0	0	0	0 L-o-S	90.29	195.9
67.25	19.2	100	87.2	95.9935	8.7935	-7.94	589	79.26	inf	19211.3935	0	0	0	0 L-o-S	94.67	195.9
67.25	6	100	95.4	113.0545	17.6545	10.07	590	105.47	inf	5992.1806	0	0	0	0 L-o-S	84.57	195.9
67.25	24.3	100	83.3	88.4082	5.1082	-6.07	591	77.23	inf	24302.5113	0	0	0	0 L-o-S	96.72	195.9
67.25	21.8	100	71	90.0084	19.0084	7.18	592	78.18	inf	21758.4985	0	0	0	0 L-o-S	95.77	195.9
67.25	12.6	100	91.9	102.4921	10.5921	-8.1	593	83.8	inf	12579.2206	0	0	0	0 L-o-S	91.01	195.9
67.25	2.7	100	115.4	111.6547	-3.7453	-4.12	594	111.28	inf	2691.8196	0	0	0	0 L-o-S	77.63	195.9
67.25	3.2	100	110.5	113.1617	2.6617	-0.56	595	109.94	inf	3211.3925	0	0	0	0 L-o-S	79.11	195.9

67.25	17.6	100	82.9	96.1614	13.2614	-2.86	596	80.04	inf	17550.8759	0	0	0	0 L-o-S	93.91	195.9
67.25	14.4	100	91	102.827	11.827	-9.27	597	81.73	inf	14449.411	0	0	0	0 L-o-S	92.17	195.9
67.25	8.6	100	84.9	102.9931	18.0931	3.29	598	88.19	inf	8618.2995	0	0	0	0 L-o-S	87.69	195.9
67.25	7.4	100	110.2	112.6464	2.4464	-14.4	599	95.8	inf	7363.5876	0	0	0	0 L-o-S	86.39	195.9
67.25	45.7	100	67.7	77.6039	9.9039	4.1	600	71.8	inf	45692.4402	0	0	0	0 L-o-S	102.2	195.9
67.25	21.8	100	71	90.0084	19.0084	7.18	601	78.18	inf	21758.4985	0	0	0	0 L-o-S	95.77	195.9
67.25	36	100	73.9	83.2603	9.3603	-0.05	602	73.85	inf	35965.8419	0	0	0	0 L-o-S	100.1	195.9
83.25	15.5	10	83.1	49.9	-33.2	-8.44	200	74.66	inf	15512.781	0	0	0	0 L-o-S	94.66	187.8
83.25	4.5	10	72.1	84.7	12.6	19.86	201	91.96	inf	4491.6965	0	0	0	0 L-o-S	83.92	187.8
83.25	13.4	10	72	79.6	7.6	5.53	202	77.53	inf	13425.9808	0	0	0	0 L-o-S	93.4	187.8
83.25	15.6	10	89.4	80	-9.4	-14.63	203	74.77	inf	15591.5628	0	0	0	0 L-o-S	94.72	187.8
83.25	13.1	10	79.5	40.4	-39.1	-1.8	204	77.7	inf	13105.6472	0	0	0	0 L-o-S	93.2	187.8
83.25	15.8	10	77.3	63.6	-13.7	-2.76	205	74.54	inf	15810.8183	0	0	1.59	0 L-o-S	94.83	187.8
83.25	15	10	78.4	61	-17.4	-2.69	206	75.71	inf	14988.7844	0	0	0	0 L-o-S	94.38	187.8
83.25	14.2	10	70.9	61.8	-9.1	5.57	207	76.47	inf	14246.0403	0	0	0	0 L-o-S	93.9	187.8
83.25	45	10	73	79.7	6.7	-17.12	210	55.88	inf	44961.4293	0	0	4.86	0 L-o-S	103.9	187.8
83.25	47.3	10	68.8	67	-1.8	-13.35	211	55.45	inf	47271.157	0	0	1.67	0 L-o-S	104.4	187.8
83.25	45.9	10	70.4	65.6	-4.8	-14.7	212	55.7	inf	45899.192	0	0	5.35	0 L-o-S	104.1	187.8
83.25	47.1	10	67.2	79.1	11.9	-11.72	213	55.48	inf	47109.2287	0	0	2.44	0 L-o-S	104.3	187.8
83.25	46.6	10	60.7	53.2	-7.5	-5.13	214	55.57	inf	46585.2998	0	0	2.67	0 L-o-S	104.2	187.8
83.25	46.3	10	62.1	66.6	4.5	-6.47	215	55.63	inf	46294.1486	0	0	5.01	0 L-o-S	104.2	187.8
83.25	3.9	10	105.2	77.7	-27.5	-12.23	216	92.97	inf	3898.8088	0	0	0	0 L-o-S	82.68	187.8
83.25	3	10	102.5	69	-33.5	-8.19	217	94.31	inf	3049.3161	0	0	0	0 L-o-S	80.4	187.8
83.25	14.6	10	108	58.5	-49.5	-32.08	218	75.92	inf	14603.7904	0	0	0	0 L-o-S	94.14	187.8
83.25	12.8	10	114.8	87.1	-27.7	-36.56	219	78.24	inf	12763.7227	0	0	0	0 L-o-S	93	187.8
83.25	4	10	102.8	81.1	-21.7	-9.99	220	92.81	inf	4012.0092	0	0	0	0 L-o-S	82.9	187.8
83.25	17.3	10	84	66.6	-17.4	-16.52	221	67.48	inf	17273.3479	0	0	3.14	0 L-o-S	95.62	187.8
83.25	15.8	10	84.8	82.4	-2.4	-10.26	222	74.54	inf	15767.176	0	0	0	0 L-o-S	94.83	187.8
83.25	14	10	77.9	88.9	11	-1.4	223	76.5	inf	14034.2822	0	0	0	0 L-o-S	93.78	187.8
83.25	12.5	10	78.4	79.4	1	-0.17	224	78.23	inf	12520.411	0	0	0	0 L-o-S	92.8	187.8
83.25	17.7	10	85.8	65.3	-20.5	-15.28	226	70.52	inf	17720.0012	0	0	1.59	0 L-o-S	95.82	187.8
83.25	11.3	10	74.7	71.9	-2.8	4.9	227	79.6	inf	11319.0311	0	0	0	0 L-o-S	91.92	187.8
83.25	14.5	10	75.8	58.4	-17.4	0.08	228	75.88	inf	14461.4866	0	0	4.39	0 L-o-S	94.09	187.8
83.25	3.3	10	73.6	81.3	7.7	20.42	229	94.02	inf	3300.0193	0	0	0	0 L-o-S	81.23	187.8
83.25	15.8	10	90.2	64.4	-25.8	-15.24	230	74.96	inf	15827.0024	0	0	0.21	0 L-o-S	94.83	187.8
83.25	17.9	10	85.3	58.4	-26.9	-19.74	231	65.56	inf	17891.1996	0	0	2.25	0 L-o-S	95.91	187.8
83.25	16.2	10	75	62.7	-12.3	-1.01	232	73.99	inf	16174.1568	0	0	4.38	0 L-o-S	95.05	187.8
83.25	14.9	10	56.9	68.7	11.8	18.86	233	75.76	inf	14858.4831	0	0	0	0 L-o-S	94.32	187.8
83.25	14	10	76.3	52	-24.3	0.52	234	76.82	inf	13999.6892	0	0	0	0 L-o-S	93.78	187.8
83.25	11.6	10	84.6	46.5	-38.1	-4.97	235	79.63	inf	11648.7639	0	0	2.04	0 L-o-S	92.15	187.8
83.25	18.3	10	85.6	63.4	-22.2	-20.68	236	64.92	inf	18329.2475	0	0	1.69	0 L-o-S	96.11	187.8
83.25	16.7	10	84.3	82.2	-2.1	-13.99	237	70.31	inf	16741.7543	0	0	1.57	0 L-o-S	95.31	187.8
83.25	12.2	10	76.6	55.2	-21.4	2.11	238	78.71	inf	12222.6139	0	0	0	0 L-o-S	92.58	187.8
83.25	13.8	10	75.5	71.7	-3.8	1.34	239	76.84	inf	13830.1439	0	0	0	0 L-o-S	93.66	187.8
83.25	15.5	10	85	91.3	6.3	-9.79	240	75.21	inf	15453.2285	0	0	0.08	0 L-o-S	94.66	187.8
83.25	19.1	10	84.5	89.2	4.7	-20.66	241	63.84	inf	19149.108	0	0	0.08	0 L-o-S	96.48	187.8
83.25	17.4	10	73.2	48.6	-24.6	-2.57	242	70.63	inf	17363.94	0	0	0	0 L-o-S	95.67	187.8
83.25	16	10	72.6	87.5	14.9	2.2	243	74.8	inf	16025.4091	0	0	0	0 L-o-S	94.94	187.8
83.25	14.6	10	66.8	59.2	-7.6	9.51	244	76.31	inf	14602.7855	0	0	0	0 L-o-S	94.14	187.8
83.25	11.1	10	81	71.9	-9.1	-1.03	245	79.97	inf	11099.6434	0	0	0	0 L-o-S	91.76	187.8
83.25	43.4	10	69.1	61.7	-7.4	-12.91	246	56.19	inf	43379.9016	0	0	3.76	0 L-o-S	103.6	187.8
83.25	44.9	10	66.4	79.1	12.7	-10.51	247	55.89	inf	44899.6211	0	0	1.45	0 L-o-S	103.9	187.8
83.25	44	10	70.2	63.1	-7.1	-14.13	248	56.07	inf	43950.9431	0	0	2.68	0 L-o-S	103.7	187.8

83.25	42.7	10	53.1	69.7	16.6	3.22	249	56.32	inf	42716.9547	0	0	1.32	0 L-o-S	103.5	187.8
83.25	41.5	10	65.9	50.2	-15.7	-9.33	250	56.57	inf	41476.2404	0	0	2.92	0 L-o-S	103.2	187.8
83.25	46	10	69.8	67.6	-2.2	-14.11	252	55.69	inf	45972.8493	0	0	1.09	0 L-o-S	104.1	187.8
83.25	45	10	71.5	86.2	14.7	-15.63	253	55.87	inf	44986.0074	0	0	5.6	0 L-o-S	103.9	187.8
83.25	43.8	10	70	71.5	1.5	-13.9	254	56.1	inf	43795.7049	0	0	1.88	0 L-o-S	103.7	187.8
83.25	42.9	10	72.7	63.1	-9.6	-16.41	255	56.29	inf	42873.432	0	0	2.36	0 L-o-S	103.5	187.8
83.25	48.2	10	55.9	75.6	19.7	-0.62	256	55.28	inf	48220.8166	0	0	0.8	0 L-o-S	104.5	187.8
83.25	46.9	10	72.3	23	-49.3	-16.78	257	55.52	inf	46862.1542	0	0	1.37	0 L-o-S	104.3	187.8
83.25	46.1	10	63.5	59.9	-3.6	-7.84	258	55.66	inf	46090.3992	0	0	1.88	0 L-o-S	104.1	187.8
83.25	49.5	10	63.1	78	14.9	-8.06	261	55.04	inf	49543.059	0	0	0.08	0 L-o-S	104.7	187.8
83.25	47.9	10	66.2	61	-5.2	-10.87	262	55.33	inf	47911.0178	0	0	0.98	0 L-o-S	104.5	187.8
83.25	47.5	10	59.2	58.8	-0.4	-3.79	263	55.41	inf	47478.7464	0	0	4.45	0 L-o-S	104.4	187.8
83.25	45.9	10	68.3	83.2	14.9	-12.59	264	55.71	inf	45850.094	0	0	3.75	0 L-o-S	104.1	187.8
83.25	45.4	10	73.1	65.2	-7.9	-17.3	265	55.8	inf	45369.4346	0	0	5.57	0 L-o-S	104	187.8
83.25	51	10	59.7	90.1	30.4	-4.9	266	54.8	inf	50976.7998	0	0	0.43	0 L-o-S	105	187.8
83.25	49.2	10	61.7	93.4	31.7	-6.59	267	55.11	inf	49166.8523	0	0	0.71	0 L-o-S	104.7	187.8
83.25	48.1	10	58.9	75.8	16.9	-3.6	268	55.3	inf	48106.1427	0	0	1.59	0 L-o-S	104.5	187.8
83.25	46.1	10	72.1	77	4.9	-16.44	269	55.66	inf	46121.3111	0	0	3.97	0 L-o-S	104.1	187.8
83.25	47.1	10	65.7	75.9	10.2	-10.22	270	55.48	inf	47064.2794	0	0	3.14	0 L-o-S	104.3	187.8
83.25	15.1	10	88.6	91.9	3.3	-12.74	271	75.86	inf	15067.2933	0	0	0.24	0 L-o-S	94.44	187.8
83.25	20.9	10	63.2	50.1	-13.1	4.2	272	67.4	inf	20875.5173	0	0	1.42	0 L-o-S	97.26	187.8
83.25	25.7	10	56.3	90.5	34.2	9.35	273	65.65	inf	25717.9707	0	0	2.2	0 L-o-S	99.06	187.8
83.25	30.4	10	55.2	37	-18.2	4.07	274	59.27	inf	30360.4806	0	0	1.69	0 L-o-S	100.5	187.8
83.25	44.4	10	43.2	79.4	36.2	12.79	277	55.99	inf	44353.223	0	0	0.9	0 L-o-S	103.8	187.8
83.25	53.6	10	80.1	63	-17.1	-25.74	279	54.36	inf	53640.0375	0	0	1.47	0 L-o-S	105.4	187.8
83.25	59.4	10	78.6	79	0.4	-25.1	280	53.5	inf	59350.7959	0	0	1.93	0 L-o-S	106.3	187.8
83.25	16.5	10	78.1	42.7	-35.4	-6.68	287	71.42	inf	16513.8052	0	0	0	0 L-o-S	95.21	187.8
83.25	40.5	10	59.8	77.9	18.1	-3.02	288	56.78	inf	40512.6133	0	0	1.89	0 L-o-S	103	187.8
83.25	21	10	57.9	82.1	24.2	9.38	292	67.28	inf	21021.4442	0	0	0.39	0 L-o-S	97.3	187.8
83.25	45.1	10	60	58.2	-1.8	-4.16	293	55.84	inf	45146.2849	0	0	1.8	0 L-o-S	103.9	187.8
83.25	78.8	10	73.9	90.9	17	-22.81	300	51.09	inf	78806.5489	0	0	0.3	0 L-o-S	108.8	187.8
83.25	83.4	10	65.4	72.1	6.7	-14.79	301	50.61	inf	83369.0364	0	0	2.3	0 L-o-S	109.3	187.8
83.25	17.1	10	88	76.6	-11.4	-15.15	303	72.85	inf	17051.6211	0	0	0.62	0 L-o-S	95.52	187.8
83.25	23.9	10	56.2	64.3	8.1	5.84	304	62.04	inf	23876.7966	0	0	4.08	0 L-o-S	98.43	187.8
83.25	30.6	10	60.1	36	-24.1	-0.89	306	59.21	inf	30557.1332	0	0	0.27	0 L-o-S	100.6	187.8
83.25	35.4	10	53.4	89.3	35.9	7.63	307	61.03	inf	35389.4879	0	0	0.71	0 L-o-S	101.8	187.8
83.25	41.6	10	64.3	87.9	23.6	-7.74	308	56.56	inf	41574.9264	0	0	3.39	0 L-o-S	103.2	187.8
83.25	51.2	10	48.8	87.6	38.8	5.96	310	54.76	inf	51232.3886	0	0	1.27	0 L-o-S	105	187.8
83.25	65.9	10	78.7	80.4	1.7	-26.08	313	52.62	inf	65864.3437	0	0	1.01	0 L-o-S	107.2	187.8
83.25	69.3	10	77.8	78.5	0.7	-25.6	314	52.2	inf	69250.468	0	0	1.21	0 L-o-S	107.7	187.8
83.25	79.9	10	65.6	76.8	11.2	-14.62	316	50.98	inf	79942.6175	0	0	1.98	0 L-o-S	108.9	187.8
83.25	16.3	10	82.1	80.4	-1.7	-8.22	319	73.88	inf	16290.7543	0	0	0	0 L-o-S	95.1	187.8
83.25	21.5	10	61	77.9	16.9	1.27	320	62.27	inf	21484.6008	0	0	5.37	0 L-o-S	97.51	187.8
83.25	25.8	10	64	66.5	2.5	0.9	321	64.9	inf	25833.4536	0	0	3.59	0 L-o-S	99.09	187.8
83.25	30.7	10	59.2	74.8	15.6	-0.04	322	59.16	inf	30738.2808	0	0	3.59	0 L-o-S	100.6	187.8
83.25	35.3	10	57.4	42.7	-14.7	0.57	323	57.97	inf	35281.1356	0	0	1.24	0 L-o-S	101.8	187.8
83.25	40.3	10	54.4	63.5	9.1	2.41	324	56.81	inf	40344.1841	0	0	1.73	0 L-o-S	103	187.8
83.25	45.8	10	50.3	89	38.7	5.42	325	55.72	inf	45810.5281	0	0	0.15	0 L-o-S	104.1	187.8
83.25	50	10	43.3	77.4	34.1	11.67	326	54.97	inf	49950.6762	0	0	5.8	0 L-o-S	104.8	187.8
83.25	55.3	10	74.2	77.6	3.4	-20.1	327	54.1	inf	55279.7822	0	0	5.84	0 L-o-S	105.7	187.8
83.25	60.4	10	77.6	80.3	2.7	-24.26	328	53.34	inf	60431.4916	0	0	3.28	0 L-o-S	106.5	187.8
83.25	64.9	10	73.4	79.9	6.5	-20.66	329	52.74	inf	64868.7707	0	0	4.88	0 L-o-S	107.1	187.8
83.25	16.5	10	74.1	44.6	-29.5	-5.29	335	68.81	inf	16543.7698	0	0	2.57	0 L-o-S	95.21	187.8

83.25	21	10	33.5	12.5	-21	36.09	336	69.59	inf	20971.2626	0	0	0	0 L-o-S	97.3	187.8
83.25	25.1	10	46.6	53.2	6.6	15.44	337	62.04	inf	25073.4508	0	0	3.77	0 L-o-S	98.85	187.8
83.25	30.9	10	50.7	71.8	21.1	8.76	338	59.46	inf	30889.5267	0	0	1.41	0 L-o-S	100.7	187.8
83.25	35.4	10	55	51.7	-3.3	2.94	339	57.94	inf	35398.5996	0	0	0.63	0 L-o-S	101.8	187.8
83.25	46.1	10	55.1	44.7	-10.4	0.55	341	55.65	inf	46142.8762	0	0	2.46	0 L-o-S	104.1	187.8
83.25	49.2	10	46.8	91.5	44.7	8.31	342	55.11	inf	49166.131	0	0	2.4	0 L-o-S	104.7	187.8
83.25	54	10	82.5	64	-18.5	-28.2	343	54.3	inf	54004.7773	0	0	4.16	0 L-o-S	105.5	187.8
83.25	64.5	10	68.4	79.5	11.1	-15.62	345	52.78	inf	64540.0396	0	0	0.75	0 L-o-S	107	187.8
83.25	80.1	10	66.3	92.1	25.8	-15.35	348	50.95	inf	80145.3505	0	0	0.74	0 L-o-S	108.9	187.8
83.25	16.4	10	86	47.5	-38.5	-11.93	351	74.07	inf	16434.3294	0	0	0	0 L-o-S	95.15	187.8
83.25	20.8	10	60.6	85.8	25.2	5.86	352	66.46	inf	20819.556	0	0	2.21	0 L-o-S	97.22	187.8
83.25	24.8	10	60.5	60.8	0.3	0.51	353	61.01	inf	24828.7972	0	0	2.52	0 L-o-S	98.75	187.8
83.25	30.4	10	49.2	83.6	34.4	10.07	354	59.27	inf	30351.6715	0	0	2.48	0 L-o-S	100.5	187.8
83.25	40.2	10	52.5	85.8	33.3	4.34	356	56.84	inf	40188.3988	0	0	4.46	0 L-o-S	102.9	187.8
83.25	49.1	10	48	90.2	42.2	7.11	358	55.11	inf	49118.2138	0	0	0.09	0 L-o-S	104.7	187.8
83.25	54.3	10	81.4	52.5	-28.9	-27.14	359	54.26	inf	54261.4618	0	0	0.87	0 L-o-S	105.6	187.8
83.25	59.4	10	72.6	67.2	-5.4	-19.12	360	53.48	inf	59407.18	0	0	0.48	0 L-o-S	106.3	187.8
83.25	11	10	66.5	75.3	8.8	13.8	364	80.3	inf	11005.2396	0	0	0	0 L-o-S	91.69	187.8
83.25	15.4	10	83.8	73.6	-10.2	-9.6	367	74.2	inf	15426.4744	0	0	0	0 L-o-S	94.61	187.8
83.25	45.4	10	58.4	52.3	-6.1	-2.61	373	55.79	inf	45392.8579	0	0	0.4	0 L-o-S	104	187.8
83.25	49.9	10	56.9	62.8	5.9	-1.93	374	54.97	inf	49930.5192	0	0	0.75	0 L-o-S	104.8	187.8
83.25	54.5	10	74.4	54.9	-19.5	-20.19	375	54.21	inf	54530.8713	0	0	1.21	0 L-o-S	105.6	187.8
83.25	68.9	10	69.7	77	7.3	-17.48	378	52.22	inf	68875.6639	0	0	1.12	0 L-o-S	107.6	187.8
83.25	15.8	10	79.4	53.7	-25.7	-5.27	383	74.13	inf	15795.3382	0	0	0.66	0 L-o-S	94.83	187.8
83.25	20.2	10	46.8	63.1	16.3	15.99	384	62.79	inf	20234.8443	0	0	0	0 L-o-S	96.96	187.8
83.25	25.7	10	58.7	59	0.3	2.02	385	60.72	inf	25691.0693	0	0	2.11	0 L-o-S	99.06	187.8
83.25	30.9	10	57.2	81	23.8	1.92	386	59.12	inf	30880.781	0	0	1.12	0 L-o-S	100.7	187.8
83.25	35	10	53.9	92	38.1	4.13	387	58.03	inf	35033.4166	0	0	3.91	0 L-o-S	101.7	187.8
83.25	40.1	10	61.2	64.8	3.6	-4.34	388	56.86	inf	40105.0295	0	0	2.66	0 L-o-S	102.9	187.8
83.25	43.9	10	46.6	79.7	33.1	9.48	389	56.08	inf	43891.0398	0	0	1.39	0 L-o-S	103.7	187.8
83.25	50.3	10	47.2	72	24.8	7.71	390	54.91	inf	50317.9051	0	0	2.81	0 L-o-S	104.9	187.8
83.25	54.1	10	80.9	48.6	-32.3	-26.62	391	54.28	inf	54133.4077	0	0	4.01	0 L-o-S	105.5	187.8
83.25	69.2	10	60.7	79.2	18.5	-8.53	394	52.17	inf	69238.9303	0	0	5.31	0 L-o-S	107.7	187.8
83.25	79.9	10	69.9	79.4	9.5	-18.95	396	50.95	inf	79891.0965	0	0	3.39	0 L-o-S	108.9	187.8
175.3	24.9	316	94.6	102.0971	7.4971	-12.61	827	81.99	inf	24896.6706	0	0	0	0 L-o-S	105.2	209.2
175.3	19.5	316	97.4	105.6233	8.2233	-13.34	828	84.06	inf	19457.0936	0	0	0	0 L-o-S	103.1	209.2
175.3	34.9	316	85.2	95.2331	10.0331	-6.08	829	79.12	inf	34902.8228	0	0	0	0 L-o-S	108.2	209.2
175.3	37.6	316	81	93.4054	12.4054	-2.53	830	78.47	inf	37649.3338	0	0	0	0 L-o-S	108.8	209.2
175.3	17.7	316	81.6	106.3313	24.7313	4.42	831	86.02	inf	17690.1276	0	0	0	0 L-o-S	102.3	209.2
175.3	26.2	316	89.9	101.093	11.193	-8.33	832	81.57	inf	26237.3925	0	0	0	0 L-o-S	105.7	209.2
175.3	10.9	316	86.4	109.6819	23.2819	11.16	833	97.56	inf	10850.5276	0	0	0	0 L-o-S	98.07	209.2
175.3	38.5	316	88.8	92.9954	4.1954	-10.53	834	78.27	inf	38537.7122	0	0	4.38	0 L-o-S	109	209.2
175.3	32.3	316	86.3	96.942	10.642	-6.52	835	79.78	inf	32287.7157	0	0	0	0 L-o-S	107.5	209.2
175.3	6.9	316	110.8	111.0484	0.2484	-4.56	836	106.24	inf	6850.2137	0	0	0	0 L-o-S	94.1	209.2
175.3	6.7	316	101.6	111.0076	9.4076	4.23	837	105.83	inf	6658.9339	0	0	0	0 L-o-S	93.84	209.2
175.3	32.9	316	85.6	96.481	10.881	-5.99	838	79.61	inf	32925.9285	0	0	0	0 L-o-S	107.7	209.2
175.3	22.9	316	90.1	103.5961	13.4961	-7.37	839	82.73	inf	22852.4288	0	0	4.18	0 L-o-S	104.5	209.2
175.3	8.2	316	107.8	110.8941	3.0941	-5.25	840	102.55	inf	8179.8018	0	0	0	0 L-o-S	95.6	209.2
175.3	19	316	96.3	105.8191	9.5191	-12.09	841	84.21	inf	18993.8682	0	0	0	0 L-o-S	102.9	209.2
175.3	52.4	316	74.9	84.7594	9.8594	0.76	842	75.66	inf	52447.2584	0	0	0	0 L-o-S	111.7	209.2
175.3	14.9	316	103.3	107.6064	4.3064	-11.92	843	91.38	inf	14897.3696	0	0	0	0 L-o-S	100.8	209.2
175.3	14.3	316	102	107.8789	5.8789	-8.81	844	93.19	inf	14333.7236	0	0	0	0 L-o-S	100.4	209.2
175.3	22.2	316	95.1	104.0459	8.9459	-12.13	846	82.97	inf	22236.9858	0	0	0	0 L-o-S	104.3	209.2

175.3	25.3	316	90.7	101.695	10.995	-8.86	847	81.84	inf	25334.8966	0	0	0	0	L-o-S	105.4	209.2
175.3	15.4	316	99.4	107.4078	8.0078	-9.71	848	89.69	inf	15360.745	0	0	0	0	L-o-S	101.1	209.2
175.3	43.7	316	80.6	89.5529	8.9529	-3.4	849	77.2	inf	43676.3518	0	0	0	0	L-o-S	110.1	209.2
175.3	14.7	316	77.3	107.6776	30.3776	10.34	850	87.64	inf	14738.2114	0	0	0	0	L-o-S	100.7	209.2
175.3	5.6	316	112.9	109.9428	-2.9572	-6.23	851	106.67	inf	5566.381	0	0	0	0	L-o-S	92.29	209.2
175.3	17.9	316	95.7	106.2544	10.5544	-7.12	852	88.58	inf	17900.9604	0	0	0.44	0	L-o-S	102.4	209.2
175.3	24	316	93.2	102.7414	9.5414	-10.89	853	82.31	inf	24004.3027	0	0	0	0	L-o-S	104.9	209.2
175.3	24.8	316	81.5	101.9205	20.4205	0.53	854	82.03	inf	24795.6393	0	0	0	0	L-o-S	105.2	209.2
175.3	40.8	316	73.3	91.5511	18.2511	4.48	855	77.78	inf	40787.8952	0	0	3.33	0	L-o-S	109.5	209.2
175.3	25.4	316	92.8	102.7857	9.9857	-10.96	856	81.84	inf	25354.7782	0	0	0	0	L-o-S	105.4	209.2
175.3	33.6	316	84.1	96.0743	11.9743	-4.67	857	79.43	inf	33631.5397	0	0	0	0	L-o-S	107.8	209.2
175.3	1.8	316	103.8	126.2856	22.4856	5.19	858	108.99	inf	1786.9065	0	0	0	0	L-o-S	82.43	209.2
175.3	6.6	316	107.1	110.9466	3.8466	-0.95	859	106.15	inf	6550.0963	0	0	0	0	L-o-S	93.71	209.2
175.3	18.7	316	93.7	105.9233	12.2233	-9.34	860	84.36	inf	18664.3154	0	0	0	0	L-o-S	102.8	209.2
175.3	14.7	316	76.6	107.7243	31.1243	14.53	861	91.13	inf	14652.5754	0	0	0	0	L-o-S	100.7	209.2
175.3	13.4	316	101.5	108.3621	6.8621	-8.23	862	93.27	inf	13418.2487	0	0	0	0	L-o-S	99.87	209.2
175.3	9.4	316	89.5	110.4018	20.9018	11.25	863	100.75	inf	9374.1044	0	0	0	0	L-o-S	96.79	209.2
175.3	8	316	108.6	110.9391	2.3391	-4.87	864	103.73	inf	8049.5811	0	0	0	0	L-o-S	95.38	209.2
175.3	17.3	316	96.6	106.533	9.933	-11.58	865	85.02	inf	17284.9953	0	0	0	0	L-o-S	102.1	209.2
175.3	19.1	316	88	105.7709	17.7709	-3.82	866	84.18	inf	19060.5129	0	0	0	0	L-o-S	102.9	209.2
175.3	21.1	316	82.5	103.742	21.242	0.87	867	83.37	inf	21065.0804	0	0	0	0	L-o-S	103.8	209.2
175.3	5.2	316	110.7	117.5273	6.8273	-4.65	868	106.05	inf	5167.2192	0	0	0	0	L-o-S	91.64	209.2
175.3	23.7	316	90.6	102.8067	12.2067	-8.18	869	82.42	inf	23688.8637	0	0	0	0	L-o-S	104.8	209.2
175.3	27.1	316	93.4	100.8157	7.4157	-12.11	870	81.29	inf	27108.0248	0	0	0	0	L-o-S	106	209.2
175.3	23.1	316	102.3	103.4089	1.1089	-19.65	871	82.65	inf	23065.4564	0	0	0	0	L-o-S	104.6	209.2
175.3	14.1	316	99.5	107.9886	8.4886	-5.39	872	94.11	inf	14102.5621	0	0	0	0	L-o-S	100.3	209.2
175.3	39	316	84.6	92.6591	8.0591	-6.43	873	78.17	inf	38963.7718	0	0	0	0	L-o-S	109.1	209.2
175.3	19.4	316	96.5	105.6688	9.1688	-11.19	874	85.31	inf	19358.2294	0	0	0	0	L-o-S	103.1	209.2
175.3	15.3	316	101.8	107.4407	5.6407	-10.38	875	91.42	inf	15291.8972	0	0	0	0	L-o-S	101	209.2
175.3	26.9	316	63.3	100.6156	37.3156	18.06	876	81.36	inf	26861.5481	0	0	0	0	L-o-S	105.9	209.2
175.3	41.5	316	82.1	90.5012	8.4012	-4.46	877	77.64	inf	41508.2732	0	0	0	0	L-o-S	109.7	209.2
175.3	15.2	316	89.5	107.4464	17.9464	1.22	878	90.72	inf	15229.0227	0	0	0	0	L-o-S	101	209.2
175.3	38.5	316	83.8	91.8626	8.0626	-5.53	879	78.27	inf	38524.2724	0	0	0	0	L-o-S	109	209.2
175.3	12.8	316	102.8	108.6429	5.8429	-8.5	880	94.3	inf	12836.8645	0	0	0	0	L-o-S	99.47	209.2
175.3	15.8	316	97.9	107.157	9.257	-10.97	881	86.93	inf	15844.8748	0	0	0	0	L-o-S	101.3	209.2
175.3	7.9	316	110	110.9786	0.9786	-4.33	882	105.67	inf	7859.2429	0	0	0	0	L-o-S	95.28	209.2
175.3	5.2	316	111	117.4271	6.4271	-4.62	883	106.38	inf	5181.9599	0	0	0	0	L-o-S	91.64	209.2
175.3	9.7	316	76.7	110.2247	33.5247	18.1	884	94.8	inf	9709.5543	0	0	0	0	L-o-S	97.06	209.2
175.3	19	316	76	105.8324	29.8324	8.22	885	84.22	inf	18969.7767	0	0	0	0	L-o-S	102.9	209.2
175.3	34.5	316	77.2	94.4738	17.2738	2.02	886	79.22	inf	34479.8784	0	0	0	0	L-o-S	108.1	209.2
175.3	6.4	316	112.6	110.849	-1.751	-6.36	887	106.24	inf	6356.5826	0	0	0	0	L-o-S	93.45	209.2
175.3	5.2	316	108.8	117.3437	8.5437	-2.48	888	106.32	inf	5249.6239	0	0	0	0	L-o-S	91.64	209.2
175.3	4.5	316	108	118.6253	10.6253	-2.87	889	105.13	inf	4463.0108	0	0	0	0	L-o-S	90.39	209.2
175.3	22.9	316	90.1	103.5961	13.4961	-7.37	890	82.73	inf	22852.4288	0	0	4.18	0	L-o-S	104.5	209.2
175.3	33.2	316	79.5	96.325	16.825	0.04	891	79.54	inf	33207.1036	0	0	0	0	L-o-S	107.7	209.2
175.3	13.9	316	98.1	108.0982	9.9982	-5.75	892	92.35	inf	13874.0916	0	0	0	0	L-o-S	100.2	209.2
175.3	10.8	316	105.7	109.6727	3.9727	-7.15	893	98.55	inf	10800.3572	0	0	0	0	L-o-S	97.99	209.2
175.3	15.8	316	93.4	107.1787	13.7787	-4.46	894	88.94	inf	15849.3266	0	0	0	0	L-o-S	101.3	209.2
175.3	32.1	316	87.1	96.33	9.23	-7.26	895	79.84	inf	32085.2696	0	0	3.5	0	L-o-S	107.5	209.2
175.3	26.3	316	93.1	101.0421	7.9421	-11.55	896	81.55	inf	26282.5641	0	0	1.24	0	L-o-S	105.7	209.2
175.3	32.1	316	87.2	97.0852	9.8852	-7.38	897	79.82	inf	32132.3782	0	0	1.38	0	L-o-S	107.5	209.2
175.3	44.4	316	81.7	89.3696	7.6696	-4.64	898	77.06	inf	44446.6836	0	0	0	0	L-o-S	110.3	209.2
175.3	31.6	316	87.4	96.4461	9.0461	-7.44	899	79.96	inf	31613.1707	0	0	0	0	L-o-S	107.3	209.2

175.3	24	316	87.5	102.7833	15.2833	-5.18	900	82.32	inf	23971.8061	0	0	1.6	0	L-o-S	104.9	209.2
175.3	46.9	316	82.5	87.9255	5.4255	-5.89	901	76.61	inf	46860.2349	0	0	0	0	L-o-S	110.7	209.2
175.3	27.4	316	88.4	100.3342	11.9342	-7.2	902	81.2	inf	27374.048	0	0	0	0	L-o-S	106.1	209.2
175.3	16.1	316	99.6	107.0483	7.4483	-10.35	903	89.25	inf	16116.5328	0	0	0	0	L-o-S	101.5	209.2
175.3	38.2	316	107.2	92.6461	-14.5539	-28.85	904	78.35	inf	38186.6315	0	0	0	0	L-o-S	109	209.2
175.3	9.1	316	97.4	110.5432	13.1432	3.1	905	100.5	inf	9078.5811	0	0	0	0	L-o-S	96.5	209.2
175.3	5	316	110.3	117.8173	7.5173	-4.44	906	105.86	inf	4976.2085	0	0	0	0	L-o-S	91.3	209.2
175.3	46.5	316	83.2	88.0968	4.8968	-6.54	907	76.66	inf	46549.9111	0	0	0	0	L-o-S	110.7	209.2
175.3	23.4	316	74.1	102.6413	28.5413	8.41	908	82.51	inf	23441.3261	0	0	0	0	L-o-S	104.7	209.2
175.3	36.1	316	84.7	94.4227	9.7227	-5.88	909	78.82	inf	36118.5553	0	0	3.12	0	L-o-S	108.5	209.2
175.3	4.6	316	109.7	118.426	8.726	-4.42	910	105.28	inf	4626.6137	0	0	0	0	L-o-S	90.58	209.2
175.3	26.2	316	88.5	101.0309	12.5309	-6.91	911	81.59	inf	26175.9316	0	0	1.59	0	L-o-S	105.7	209.2
175.3	14	316	100.1	108.0522	7.9522	-6.38	912	93.72	inf	13993.7473	0	0	0	0	L-o-S	100.2	209.2
175.3	16.5	316	95.9	106.8603	10.9603	-7.15	913	88.75	inf	16482.0646	0	0	0	0	L-o-S	101.7	209.2
175.3	3.8	316	102.4	120.0481	17.6481	3.44	914	105.84	inf	3849.1428	0	0	0	0	L-o-S	88.92	209.2
175.3	27.1	316	93.4	100.8157	7.4157	-12.11	915	81.29	inf	27108.0248	0	0	0	0	L-o-S	106	209.2
175.3	24.8	316	81.5	101.9205	20.4205	0.53	916	82.03	inf	24795.6393	0	0	0	0	L-o-S	105.2	209.2
175.3	10.5	316	102.6	109.8262	7.2262	-2.66	917	99.94	inf	10526.2931	0	0	0	0	L-o-S	97.75	209.2
175.3	3	316	98.3	121.9141	23.6141	9.97	918	108.27	inf	3040.2224	0	0	0	0	L-o-S	86.87	209.2
175.3	3.7	316	101.7	120.284	18.584	4.56	919	106.26	inf	3664.9746	0	0	0	0	L-o-S	88.69	209.2
175.3	18	316	83.6	106.2543	22.6543	1.09	920	84.69	inf	17958.3179	0	0	0	0	L-o-S	102.4	209.2
175.3	12	316	95.1	109.0875	13.9875	-1	921	94.1	inf	11991.0166	0	0	0	0	L-o-S	98.91	209.2
175.3	11.3	316	95.4	109.4235	14.0235	2.21	922	97.61	inf	11341.4819	0	0	0	0	L-o-S	98.38	209.2
175.3	4.7	316	109.3	118.2665	8.9665	-3.78	923	105.52	inf	4714.1824	0	0	0	0	L-o-S	90.77	209.2
175.3	42.7	316	83.7	90.3724	6.6724	-6.31	924	77.39	inf	42740.5179	0	0	3.03	0	L-o-S	109.9	209.2
175.3	24.8	316	81.5	101.9205	20.4205	0.53	925	82.03	inf	24795.6393	0	0	0	0	L-o-S	105.2	209.2
175.3	33.1	316	87.4	96.4403	9.0403	-7.83	926	79.57	inf	33098.3391	0	0	0	0	L-o-S	107.7	209.2
187.3	3.3	316	73.5	102.2659	28.7659	33.87	1028	107.37	inf	3331.2312	0	0	0	0	L-o-S	88.27	209.8
187.3	32.1	316	74.9	76.574	1.674	4.91	1030	79.81	inf	32135.1509	0	0	1.59	0	L-o-S	108	209.8
187.3	11.9	316	99.5	89.4069	-10.0931	-4.5	1032	95	inf	11873.7073	0	0	4.67	0	L-o-S	99.41	209.8
187.3	3.7	316	87.1	101.5774	14.4774	22.35	1033	109.45	inf	3674.3543	0	0	0.45	0	L-o-S	89.26	209.8
187.3	10.3	316	86.1	91.8099	5.7099	11.3	1034	97.4	inf	10256.3227	0	0	0.8	0	L-o-S	98.16	209.8
187.3	4	316	81.2	92.7257	11.5257	27.52	1036	108.72	inf	4024.1664	0	0	0	0	L-o-S	89.94	209.8
187.3	7.4	316	88.5	93.6173	5.1173	15.55	1039	104.05	inf	7420.4589	0	0	1.31	0	L-o-S	95.28	209.8
187.3	20.9	316	85.5	81.3081	-4.1919	-0.65	1041	84.85	inf	20907.6797	0	0	3.69	0	L-o-S	104.3	209.8
187.3	9.3	316	77	92.4144	15.4144	21.96	1042	98.96	inf	9318.5694	0	0	0	0	L-o-S	97.27	209.8
187.3	8.9	316	66.8	92.6887	25.8887	35.22	1044	102.02	inf	8873.8916	0	0	4.12	0	L-o-S	96.89	209.8
187.3	4	316	99.7	100.809	1.109	8.46	1045	108.16	inf	4001.8952	0	0	0	0	L-o-S	89.94	209.8
187.3	5.7	316	78.3	94.2705	15.9705	31	1046	109.3	inf	5662.966	0	0	1.7	0	L-o-S	93.02	209.8
187.3	19.3	316	74.6	82.5396	7.9396	11.53	1047	86.13	inf	19279.2207	0	0	1.99	0	L-o-S	103.6	209.8
199.3	38.6	316	90.3	99.6074	9.3074	-7.97	927	82.33	inf	38562.3878	0	0	0.88	0	L-o-S	110.2	210.4
199.3	50.2	316	88.2	89.7817	1.5817	-12.27	928	75.93	inf	50208.1933	0	0	4.93	0	L-o-S	112.5	210.4
199.3	53.4	316	86.9	96.0873	9.1873	-11.49	929	75.41	inf	53431.1593	0	0	1.52	0	L-o-S	113	210.4
199.3	58.7	316	83.4	93.0013	9.6013	-8.78	930	74.62	inf	58666.3095	0	0	0.43	0	L-o-S	113.8	210.4
199.3	77	316	70.8	81.4197	10.6197	1.57	931	72.37	inf	77039.8249	0	0	0.23	0	L-o-S	116.2	210.4
199.3	26	316	66.3	64.3225	-1.9775	24.02	932	90.32	inf	25967.0833	0	0	0	0	L-o-S	106.7	210.4
199.3	107.4	316	77	88.4255	11.4255	-7.3	933	69.7	inf	107393.5274	0	0	2.68	0	L-o-S	119.1	210.4
199.3	69.7	316	90.5	98.5461	8.0461	-17.32	935	73.18	inf	69689.333	0	0	2.63	0	L-o-S	115.3	210.4
199.3	32.9	316	61.4	67.1004	5.7004	24.14	937	85.54	inf	32856.2918	0	0	5.31	0	L-o-S	108.8	210.4
199.3	59.1	316	94.2	100.9797	6.7797	-19.64	938	74.56	inf	59093.1799	0	0	1.4	0	L-o-S	113.9	210.4
199.3	94.4	316	61.9	81.8631	19.9631	8.8	939	70.7	inf	94420.9386	0	0	0.75	0	L-o-S	117.9	210.4
199.3	32	316	65.7	77.0315	11.3315	19.26	940	84.96	inf	32020.0176	0	0	4.25	0	L-o-S	108.5	210.4
199.3	83.8	316	70.5	62.8892	-7.6108	1.15	942	71.65	inf	83793.6097	0	0	2.79	0	L-o-S	116.9	210.4

199.3	99.2	316	68.7	90.8141	22.1141	1.51	943	70.21	inf	99175.1148	0	0	2.27	0	L-o-S	118.4	210.4
199.3	106.7	316	79.3	101.6046	22.3046	-9.66	944	69.64	inf	106731.9723	0	0	2.5	0	L-o-S	119	210.4
199.3	49.6	316	70.8	69.4203	-1.3797	5.23	945	76.03	inf	49625.8043	0	0	1.6	0	L-o-S	112.3	210.4
199.3	29.3	316	87.7	95.5525	7.8525	-0.54	946	87.16	inf	29304.6606	0	0	1.74	0	L-o-S	107.8	210.4
199.3	84.3	316	84.2	92.2858	8.0858	-12.57	947	71.63	inf	84305.6986	0	0	5.17	0	L-o-S	117	210.4
199.3	51	316	75.4	73.5194	-1.8806	0.35	948	75.75	inf	50981.5352	0	0	0.89	0	L-o-S	112.6	210.4
199.3	55.9	316	80.5	102.6414	22.1414	-5.47	949	75.03	inf	55862.9434	0	0	1.4	0	L-o-S	113.4	210.4
199.3	85	316	67.5	61.1392	-6.3608	4.06	950	71.56	inf	85000.568	0	0	3.11	0	L-o-S	117	210.4
199.3	69.5	316	72.1	67.6132	-4.4868	1.11	951	73.21	inf	69459.8518	0	0	1.79	0	L-o-S	115.3	210.4
199.3	25	316	60.1	97.3416	37.2416	29.51	952	89.61	inf	24984.0144	0	0	3.86	0	L-o-S	106.4	210.4
199.3	81.5	316	78.8	85.5494	6.7494	-6.93	954	71.87	inf	81479.046	0	0	1.12	0	L-o-S	116.7	210.4
199.3	40.4	316	80	96.9456	16.9456	0.47	955	80.47	inf	40382.1616	0	0	0.99	0	L-o-S	110.6	210.4
199.3	58.8	316	88.7	90.2709	1.5709	-14.1	956	74.6	inf	58753.3523	0	0	3.78	0	L-o-S	113.8	210.4
199.3	59.1	316	83.3	83.389	0.089	-8.74	957	74.56	inf	59131.7435	0	0	1.34	0	L-o-S	113.9	210.4
199.3	42.5	316	65.9	37.0154	-28.8846	14.71	958	80.61	inf	42455.6305	0	0	3.46	0	L-o-S	111	210.4
199.3	61.9	316	65.3	58.4328	-6.8672	8.86	959	74.16	inf	61948.8472	0	0	1.09	0	L-o-S	114.3	210.4
199.3	60.1	316	87.1	103.2342	16.1342	-12.69	960	74.41	inf	60142.1638	0	0	0.56	0	L-o-S	114	210.4
199.3	102.1	316	84.1	101.2535	17.1535	-14.11	962	69.99	inf	102073.7887	0	0	0.08	0	L-o-S	118.6	210.4
199.3	22.5	316	76.1	90.2709	14.1709	14.87	963	90.97	inf	22534.2925	0	0	0.64	0	L-o-S	105.5	210.4
199.3	26.6	316	68.2	59.5201	-8.6799	21.11	964	89.31	inf	26595.4959	0	0	0	0	L-o-S	106.9	210.4
199.3	30.8	316	82.5	84.6796	2.1796	5.42	965	87.92	inf	30764.7729	0	0	0	0	L-o-S	108.2	210.4
199.3	61.9	316	76.8	93.0212	16.2212	-2.64	966	74.16	inf	61948.8472	0	0	1.09	0	L-o-S	114.3	210.4
199.3	61.7	316	81.9	90.8528	8.9528	-7.71	968	74.19	inf	61744.2178	0	0	2.29	0	L-o-S	114.2	210.4
199.3	63.6	316	83.6	83.368	-0.232	-9.67	969	73.93	inf	63637.7656	0	0	1.93	0	L-o-S	114.5	210.4
199.3	72.7	316	63.1	63.204	0.104	9.71	971	72.81	inf	72747.7903	0	0	3.34	0	L-o-S	115.7	210.4
199.3	71.9	316	59.8	59.3857	-0.4143	13.14	972	72.94	inf	71870.1842	0	0	4.76	0	L-o-S	115.6	210.4
199.3	61.7	316	62.6	69.6308	7.0308	11.59	973	74.19	inf	61714.1837	0	0	0.28	0	L-o-S	114.2	210.4
199.3	60.1	316	64.6	72.0219	7.4219	9.8	977	74.4	inf	60109.4691	0	0	2.09	0	L-o-S	114	210.4
199.3	84.9	316	97.4	101.0838	3.6838	-25.86	979	71.54	inf	84929.3815	0	0	3.5	0	L-o-S	117	210.4
199.3	75.7	316	92.5	99.523	7.023	-19.99	981	72.51	inf	75710.0592	0	0	3.83	0	L-o-S	116	210.4
199.3	31.5	316	67.6	63.6205	-3.9795	18.72	982	86.32	inf	31547.5824	0	0	0	0	L-o-S	108.4	210.4
199.3	39	316	78.4	88.7904	10.3904	2.12	984	80.52	inf	38951.0239	0	0	1.99	0	L-o-S	110.3	210.4
199.3	104.3	316	60.9	67.2365	6.3365	9	985	69.9	inf	104295.1107	0	0	2.16	0	L-o-S	118.8	210.4
199.3	55.7	316	75.9	96.5133	20.6133	-0.85	987	75.05	inf	55656.011	0	0	3.84	0	L-o-S	113.4	210.4
199.3	36.4	316	56.7	60.8751	4.1751	27.09	991	83.79	inf	36449.3562	0	0	1.96	0	L-o-S	109.7	210.4
199.3	32	316	75.7	102.5539	26.8539	9.26	992	84.96	inf	32020.0176	0	0	4.25	0	L-o-S	108.5	210.4
199.3	87.4	316	66.4	69.2465	2.8465	4.87	994	71.27	inf	87419.7099	0	0	1.41	0	L-o-S	117.3	210.4
199.3	25.4	316	57.7	0	-57.7	32.17	996	89.87	inf	25368.7865	0	0	0.01	0	L-o-S	106.5	210.4
199.3	44.2	316	53.9	59.9753	6.0753	25.06	997	78.96	inf	44187.6035	0	0	1.26	0	L-o-S	111.3	210.4
199.3	28.3	316	85.2	95.894	10.694	2.49	999	87.69	inf	28300.804	0	0	0.5	0	L-o-S	107.5	210.4
199.3	58.1	316	96.7	102.0644	5.3644	-22.01	1003	74.69	inf	58136.9722	0	0	0.11	0	L-o-S	113.7	210.4
199.3	50.6	316	64.8	82.9078	18.1078	11	1004	75.8	inf	50637.0311	0	0	1.17	0	L-o-S	112.5	210.4
199.3	56.6	316	80.7	101.285	20.585	-5.77	1005	74.93	inf	56597.015	0	0	0.28	0	L-o-S	113.5	210.4
199.3	53.5	316	68.2	67.4361	-0.7639	7.2	1006	75.4	inf	53479.9501	0	0	1.5	0	L-o-S	113	210.4
199.3	27.4	316	71	96.2983	25.2983	18.39	1007	89.39	inf	27366.3357	0	0	0	0	L-o-S	107.2	210.4
199.3	59.1	316	69.7	82.7612	13.0612	4.83	1008	74.53	inf	59134.5179	0	0	1.57	0	L-o-S	113.9	210.4
199.3	30.7	316	61.3	64.7084	3.4084	24.29	1009	85.59	inf	30674.678	0	0	2.18	0	L-o-S	108.2	210.4
199.3	77	316	68.3	72.6742	4.3742	4.08	1010	72.38	inf	76986.25	0	0	3.33	0	L-o-S	116.2	210.4
199.3	87.4	316	73.2	65.3046	-7.8954	-1.88	1011	71.32	inf	87370.4499	0	0	0.65	0	L-o-S	117.3	210.4
199.3	78	316	65.9	60.7033	-5.1967	6.34	1012	72.24	inf	77983.082	0	0	2.55	0	L-o-S	116.3	210.4
199.3	11.8	316	77.1	80.6624	3.5624	27.01	1017	104.11	inf	11831.583	0	0	0	0	L-o-S	99.88	210.4
199.3	63.2	316	66.5	61.9801	-4.5199	7.5	1019	74	inf	63170.1786	0	0	2.73	0	L-o-S	114.5	210.4
199.3	50.6	316	81.2	67.4361	-13.7639	-5.4	1020	75.8	inf	50637.0311	0	0	1.17	0	L-o-S	112.5	210.4

199.3	82.3	316	69	67.1004	-1.8996	2.8	1021	71.8	inf	82326.636	0	0	3.02	0	L-o-S	116.7	210.4
199.3	18.1	316	56.9	64.9703	8.0703	39.62	1022	96.52	inf	18135.8181	0	0	0	0	L-o-S	103.6	210.4
199.3	107.2	316	62.8	61.6291	-1.1709	6.88	1024	69.68	inf	107176.8995	0	0	1.49	0	L-o-S	119	210.4
199.3	77	316	69.9	103.3614	33.4614	2.48	1025	72.38	inf	76986.25	0	0	3.33	0	L-o-S	116.2	210.4
199.3	94.4	316	61.6	68.33	6.73	9.1	1026	70.7	inf	94420.9386	0	0	0.75	0	L-o-S	117.9	210.4
211.3	33.4	316	82.7	101.2324	18.5324	-3.23	611	79.47	inf	33442.9495	0	0	2.32	0	L-o-S	109.4	210.9
211.3	35.4	316	72.6	81.5774	8.9774	6.37	613	78.97	inf	35435.545	0	0	1.95	0	L-o-S	109.9	210.9
211.3	78.6	316	68.2	76.645	8.445	4.15	614	72.35	inf	78624.9048	0	0	3.41	0	L-o-S	116.9	210.9
211.3	5.9	316	113.5	109.8294	-3.6706	-5.94	616	107.56	inf	5902.8389	0	0	0	0	L-o-S	94.36	210.9
211.3	21.2	316	83.5	104.9178	21.4178	5.07	617	88.57	inf	21221.2655	0	0	0.81	0	L-o-S	105.5	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	619	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	17.9	316	100.2	105.9592	5.7592	-9.84	620	90.36	inf	17910.0832	0	0	0.64	0	L-o-S	104	210.9
211.3	45.4	316	62.9	93.4651	30.5651	13.91	623	76.81	inf	45444.8778	0	0	0.67	0	L-o-S	112.1	210.9
211.3	24.3	316	76.9	102.9523	26.0523	6.35	633	83.25	inf	24266.1483	0	0	3.63	0	L-o-S	106.7	210.9
211.3	8.3	316	112.3	110.6516	-1.6484	-9.44	635	102.86	inf	8330.186	0	0	3.54	0	L-o-S	97.33	210.9
211.3	17.9	316	113.6	106.236	-7.364	-23.78	638	89.82	inf	17914.5364	0	0	0	0	L-o-S	104	210.9
211.3	78.6	316	62.4	76.645	14.245	9.95	643	72.35	inf	78624.9048	0	0	3.41	0	L-o-S	116.9	210.9
211.3	14.5	316	103.1	107.7655	4.6655	-6.06	645	97.04	inf	14505.7572	0	0	1.74	0	L-o-S	102.2	210.9
211.3	44	316	65.7	89.9975	24.2975	11.44	651	77.14	inf	43973.2416	0	0	5.31	0	L-o-S	111.8	210.9
211.3	70.6	316	77.4	82.9277	5.5277	-4.22	652	73.18	inf	70573.6182	0	0	0.37	0	L-o-S	115.9	210.9
211.3	11.9	316	100.2	109.0263	8.8263	-6.01	653	94.19	inf	11926.2072	0	0	3.07	0	L-o-S	100.5	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	655	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	71.9	316	85.6	85.7231	0.1231	-12.6	656	73	inf	71910.6624	0	0	0.04	0	L-o-S	116.1	210.9
211.3	18.6	316	99.8	105.9339	6.1339	-11.25	657	88.55	inf	18610.7645	0	0	0	0	L-o-S	104.3	210.9
211.3	5.9	316	113.7	109.8344	-3.8656	-6.46	660	107.24	inf	5914.6544	0	0	0	0	L-o-S	94.36	210.9
211.3	63.7	316	55.2	83.1166	27.9166	18.78	662	73.98	inf	63651.0032	0	0	3.46	0	L-o-S	115	210.9
211.3	24.1	316	97.3	103.9136	6.6136	-11.62	664	85.68	inf	24063.2892	0	0	1.18	0	L-o-S	106.6	210.9
211.3	7.3	316	102.1	110.7941	8.6941	5.46	666	107.56	inf	7284.0933	0	0	4.75	0	L-o-S	96.21	210.9
211.3	25.4	316	70.5	102.1768	31.6768	14.3	667	84.8	inf	25361.2942	0	0	0.26	0	L-o-S	107	210.9
211.3	26.5	316	97.3	100.6409	3.3409	-15.86	673	81.44	inf	26528.7346	0	0	1.23	0	L-o-S	107.4	210.9
211.3	27.3	316	78.6	99.0343	20.4343	2.6	677	81.2	inf	27334.8477	0	0	2.48	0	L-o-S	107.7	210.9
211.3	42	316	79.1	92.2546	13.1546	-1.58	680	77.52	inf	41962.1517	0	0	4.67	0	L-o-S	111.4	210.9
211.3	45.4	316	72.6	93.4651	20.8651	4.21	682	76.81	inf	45444.8778	0	0	0.67	0	L-o-S	112.1	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	683	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	684	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	5.5	316	98.8	108.9784	10.1784	7.72	685	106.52	inf	5499.7056	0	0	0	0	L-o-S	93.75	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	687	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	28.5	316	84.4	99.7541	15.3541	-3.56	688	80.84	inf	28538.348	0	0	3.51	0	L-o-S	108	210.9
211.3	54.7	316	45	80.1115	35.1115	30.25	692	75.25	inf	54678.0853	0	0	0.1	0	L-o-S	113.7	210.9
211.3	19.4	316	92.8	105.6228	12.8228	-3.13	698	89.67	inf	19403.268	0	0	3.34	0	L-o-S	104.7	210.9
211.3	23.5	316	90.3	103.9774	13.6774	-7.81	701	82.49	inf	23548.4944	0	0	5.39	0	L-o-S	106.4	210.9
211.3	56.9	316	72.1	87.1589	15.0589	2.81	702	74.91	inf	56927.6497	0	0	0.7	0	L-o-S	114	210.9
211.3	76.1	316	74.7	78.5627	3.8627	-2.12	704	72.58	inf	76107.3706	0	0	1.86	0	L-o-S	116.6	210.9
211.3	51.5	316	72.2	85.5153	13.3153	3.6	705	75.8	inf	51542.2085	0	0	4.69	0	L-o-S	113.2	210.9
211.3	9.1	316	111.3	110.3878	-0.9122	-10.57	708	100.73	inf	9117.1034	0	0	0.45	0	L-o-S	98.13	210.9
211.3	48.6	316	68.7	93.9438	25.2438	7.57	709	76.27	inf	48601.1881	0	0	1.52	0	L-o-S	112.7	210.9
483.3	37.6	4070	83.4	85.6049	2.2049	6.2	1069	89.6	inf	37561.5948	0	0	0	0	L-o-S	117.6	229.1
513.3	44	1200	69.4	81.0637	11.6637	13.5	605	82.9	inf	43982.9258	0	0	3.18	0	L-o-S	119.5	224.4
513.3	43	1200	89.7	85.1485	-4.5515	-6.6	607	83.1	inf	42968.142	0	0	0.56	0	L-o-S	119.3	224.4
705.3	15.5	500	102.6	110.4	7.8	-6.91	1	95.69	inf	15512.781	0	0	0	0	L-o-S	113.2	223.3
705.3	14.6	500	93.5	110.4	16.9	3.08	2	96.58	inf	14603.7904	0	0	0	0	L-o-S	112.7	223.3
705.3	13.4	500	91.4	111	19.6	6.05	3	97.45	inf	13425.9808	0	0	0	0	L-o-S	112	223.3
705.3	15.6	500	100.9	109.8	8.9	-5.11	4	95.79	inf	15591.5628	0	0	0	0	L-o-S	113.3	223.3

705.3	13.1	500	94.5	111	16.5	3.53	5	98.03	inf	13105.6472	0	0	0	0	L-o-S	111.8	223.3
705.3	15.8	500	95.6	109.8	14.2	-0.05	6	95.55	inf	15810.8183	0	0	1.52	0	L-o-S	113.4	223.3
705.3	15	500	87.4	110.4	23	8.59	7	95.99	inf	14988.7844	0	0	0	0	L-o-S	112.9	223.3
705.3	14.2	500	80.9	111	30.1	15.87	8	96.77	inf	14246.0403	0	0	0	0	L-o-S	112.5	223.3
705.3	45	500	89.3	100.7	11.4	-10.4	11	78.9	inf	44961.4293	0	0	1.11	0	L-o-S	122.5	223.3
705.3	47.3	500	80.1	100.4	20.3	-1.63	12	78.47	inf	47271.157	0	0	1.04	0	L-o-S	122.9	223.3
705.3	45.9	500	95.2	100.5	5.3	-16.48	13	78.72	inf	45899.192	0	0	0.44	0	L-o-S	122.7	223.3
705.3	47.1	500	81.3	100.4	19.1	-2.8	14	78.5	inf	47109.2287	0	0	1.74	0	L-o-S	122.9	223.3
705.3	46.6	500	65.8	100.4	34.6	12.8	15	78.6	inf	46585.2998	0	0	0.26	0	L-o-S	122.8	223.3
705.3	46.3	500	61.8	100.5	38.7	16.85	16	78.65	inf	46294.1486	0	0	0.21	0	L-o-S	122.7	223.3
705.3	3.9	500	90.6	121.9	31.3	8.44	17	99.04	inf	3898.8088	0	0	0	0	L-o-S	101.2	223.3
705.3	3	500	89.5	124.4	34.9	11.46	18	100.96	inf	3049.3161	0	0	0	0	L-o-S	98.96	223.3
705.3	4.5	500	101.6	121.9	20.3	-2.97	19	98.63	inf	4491.6965	0	0	0	0	L-o-S	102.5	223.3
705.3	12.8	500	98	124.4	26.4	-0.27	20	97.73	inf	12763.7227	0	0	0	0	L-o-S	111.6	223.3
705.3	4	500	81.4	121.9	40.5	17.72	21	99.12	inf	4012.0092	0	0	0	0	L-o-S	101.5	223.3
705.3	17.3	500	87.3	109.3	22	5.12	22	92.42	inf	17273.3479	0	0	0.91	0	L-o-S	114.2	223.3
705.3	15.8	500	96.6	110.4	13.8	-1.04	23	95.56	inf	15767.176	0	0	0	0	L-o-S	113.4	223.3
705.3	14	500	98.3	111	12.7	-1.5	24	96.8	inf	14034.2822	0	0	0	0	L-o-S	112.3	223.3
705.3	12.5	500	99.9	111.6	11.7	-2.17	25	97.73	inf	12520.411	0	0	0	0	L-o-S	111.4	223.3
705.3	11	500	84.1	87.1	3	14.61	26	98.71	inf	11005.2396	0	0	0	0	L-o-S	110.2	223.3
705.3	17.7	500	93.2	108.8	15.6	0.39	27	93.59	inf	17720.0012	0	0	4.77	0	L-o-S	114.4	223.3
705.3	11.3	500	92	109.8	17.8	6.66	28	98.66	inf	11319.0311	0	0	0	0	L-o-S	110.5	223.3
705.3	14.5	500	70.4	111	40.6	26.14	29	96.54	inf	14461.4866	0	0	1.13	0	L-o-S	112.6	223.3
705.3	3.3	500	81.8	111.6	29.8	18.1	30	99.9	inf	3300.0193	0	0	0	0	L-o-S	99.79	223.3
705.3	15.8	500	94.6	113.1	18.5	0.98	31	95.58	inf	15827.0024	0	0	0.56	0	L-o-S	113.4	223.3
705.3	17.9	500	91.5	108.8	17.3	0.68	32	92.18	inf	17891.1996	0	0	3.31	0	L-o-S	114.5	223.3
705.3	16.2	500	76.3	109.8	33.5	18.69	33	94.99	inf	16174.1568	0	0	0.01	0	L-o-S	113.6	223.3
705.3	14.9	500	89.2	110.4	21.2	7.21	34	96.41	inf	14858.4831	0	0	0	0	L-o-S	112.9	223.3
705.3	14	500	90.3	111.6	21.3	6.42	35	96.72	inf	13999.6892	0	0	0	0	L-o-S	112.3	223.3
705.3	11.6	500	88.5	112.3	23.8	10.17	36	98.67	inf	11648.7639	0	0	0.94	0	L-o-S	110.7	223.3
705.3	18.3	500	94.6	108.8	14.2	-1.4	37	93.2	inf	18329.2475	0	0	2.32	0	L-o-S	114.7	223.3
705.3	16.7	500	84.1	109.3	25.2	8.83	38	92.93	inf	16741.7543	0	0	0.13	0	L-o-S	113.9	223.3
705.3	12.2	500	69.3	110.4	41.1	28.43	39	97.73	inf	12222.6139	0	0	0	0	L-o-S	111.1	223.3
705.3	13.8	500	93.7	111	17.3	3.45	40	97.15	inf	13830.1439	0	0	0	0	L-o-S	112.2	223.3
705.3	15.5	500	99.3	112.3	13	-3.46	41	95.84	inf	15453.2285	0	0	2.89	0	L-o-S	113.2	223.3
705.3	19.1	500	96	108.3	12.3	-3.29	42	92.71	inf	19149.108	0	0	0.09	0	L-o-S	115	223.3
705.3	17.4	500	68.1	108.8	40.7	24.64	43	92.74	inf	17363.94	0	0	0	0	L-o-S	114.2	223.3
705.3	16	500	56.5	109.8	53.3	38.92	44	95.42	inf	16025.4091	0	0	0	0	L-o-S	113.5	223.3
705.3	14.6	500	73.7	110.4	36.7	22.9	45	96.6	inf	14602.7855	0	0	0	0	L-o-S	112.7	223.3
705.3	11.1	500	82.5	111	28.5	16.53	46	99.03	inf	11099.6434	0	0	0	0	L-o-S	110.3	223.3
705.3	43.4	500	74.5	100.5	26	4.71	47	79.21	inf	43379.9016	0	0	1.23	0	L-o-S	122.2	223.3
705.3	44.9	500	70.5	100.7	30.2	8.41	48	78.91	inf	44899.6211	0	0	0.28	0	L-o-S	122.5	223.3
705.3	44	500	81	100.5	19.5	-1.9	49	79.1	inf	43950.9431	0	0	3.03	0	L-o-S	122.3	223.3
705.3	30.7	500	61.2	101.1	39.9	22.83	50	84.03	inf	30738.2808	0	0	1.76	0	L-o-S	119.2	223.3
705.3	41.5	500	84.5	101.3	16.8	-4.9	51	79.6	inf	41476.2404	0	0	0.2	0	L-o-S	121.8	223.3
705.3	46	500	89.3	100.5	11.2	-10.59	53	78.71	inf	45972.8493	0	0	2.38	0	L-o-S	122.7	223.3
705.3	45	500	76.9	100.7	23.8	2	54	78.9	inf	44986.0074	0	0	3.44	0	L-o-S	122.5	223.3
705.3	43.8	500	79.9	100.9	21	-0.77	55	79.13	inf	43795.7049	0	0	5.75	0	L-o-S	122.2	223.3
705.3	42.9	500	88.3	101.1	12.8	-8.99	56	79.31	inf	42873.432	0	0	2.38	0	L-o-S	122.1	223.3
705.3	48.2	500	45.2	79.4	34.2	33.1	57	78.3	inf	48220.8166	0	0	0.48	0	L-o-S	123.1	223.3
705.3	46.9	500	69.1	100.4	31.3	9.45	58	78.55	inf	46862.1542	0	0	2.99	0	L-o-S	122.8	223.3
705.3	46.1	500	71.5	100.5	29	7.19	59	78.69	inf	46090.3992	0	0	2.01	0	L-o-S	122.7	223.3
705.3	49.5	500	61	97.7	36.7	17.07	62	78.07	inf	49543.059	0	0	4.58	0	L-o-S	123.3	223.3

705.3	47.9	500	77.9	100.2	22.3	0.46	63	78.36	inf	47911.0178	0	0	1.08	0 L-o-S	123	223.3
705.3	47.5	500	72.5	100.4	27.9	5.93	64	78.43	inf	47478.7464	0	0	2.38	0 L-o-S	123	223.3
705.3	45.9	500	77.4	100.5	23.1	1.34	65	78.74	inf	45850.094	0	0	1.63	0 L-o-S	122.7	223.3
705.3	45.4	500	82	100.7	18.7	-3.17	66	78.83	inf	45369.4346	0	0	4.53	0 L-o-S	122.6	223.3
705.3	51	500	57.3	79	21.7	20.53	67	77.83	inf	50976.7998	0	0	2.35	0 L-o-S	123.6	223.3
705.3	49.2	500	54	97.3	43.3	24.14	68	78.14	inf	49166.8523	0	0	4	0 L-o-S	123.3	223.3
705.3	48.1	500	68.8	100.2	31.4	9.52	69	78.32	inf	48106.1427	0	0	3.65	0 L-o-S	123.1	223.3
705.3	46.1	500	82.2	100.4	18.2	-3.52	70	78.68	inf	46121.3111	0	0	2.01	0 L-o-S	122.7	223.3
705.3	47.1	500	69.4	100.7	31.3	9.11	71	78.51	inf	47064.2794	0	0	0.53	0 L-o-S	122.9	223.3
705.3	15	500	103.2	110.4	7.2	-7.2	72	96	inf	14991.4756	0	0	1.55	0 L-o-S	112.9	223.3
705.3	20.9	500	84.3	107.5	23.2	6.98	73	91.28	inf	20875.5173	0	0	4.08	0 L-o-S	115.8	223.3
705.3	25.7	500	86.8	105.6	18.8	0.74	74	87.54	inf	25717.9707	0	0	2.56	0 L-o-S	117.6	223.3
705.3	30.4	500	85.2	86.9	1.7	-1.9	75	83.3	inf	30360.4806	0	0	1.14	0 L-o-S	119.1	223.3
705.3	44.4	500	84.5	76.7	-7.8	-5.48	78	79.02	inf	44353.223	0	0	1.97	0 L-o-S	122.4	223.3
705.3	53.6	500	84.5	75	-9.5	-7.11	80	77.39	inf	53640.0375	0	0	1.23	0 L-o-S	124	223.3
705.3	59.4	500	61.4	76	14.6	15.13	81	76.53	inf	59350.7959	0	0	0.1	0 L-o-S	124.9	223.3
705.3	16.5	500	73.1	109.8	36.7	20.49	88	93.59	inf	16513.8052	0	0	0	0 L-o-S	113.8	223.3
705.3	40.5	500	92.6	107.5	14.9	-12.8	89	79.8	inf	40512.6133	0	0	1.04	0 L-o-S	121.6	223.3
705.3	21	500	69	96.7	27.7	21.17	93	90.17	inf	21021.4442	0	0	0.21	0 L-o-S	115.9	223.3
705.3	45.1	500	88.7	100.7	12	-9.83	94	78.87	inf	45146.2849	0	0	2.98	0 L-o-S	122.5	223.3
705.3	78.8	500	67.5	65	-2.5	6.66	101	74.16	inf	78806.5489	0	0	4.19	0 L-o-S	127.3	223.3
705.3	83.4	500	79.7	85.5	5.8	-6.02	102	73.68	inf	83369.0364	0	0	0.05	0 L-o-S	127.8	223.3
705.3	17.1	500	87.4	109.3	21.9	7.77	104	95.17	inf	17053.2366	0	0	3.07	0 L-o-S	114.1	223.3
705.3	23.9	500	94.1	107.5	13.4	-4.78	105	89.32	inf	23876.7966	0	0	2.57	0 L-o-S	117	223.3
705.3	30.6	500	86.4	104.4	18	-1.4	107	85	inf	30557.1332	0	0	1.68	0 L-o-S	119.1	223.3
705.3	35.4	500	82.4	102.8	20.4	-0.15	108	82.25	inf	35389.4879	0	0	0.67	0 L-o-S	120.4	223.3
705.3	41.6	500	93.8	100.4	6.6	-14.22	109	79.58	inf	41574.9264	0	0	0.06	0 L-o-S	121.8	223.3
705.3	51.2	500	83.2	95.1	11.9	-5.4	111	77.8	inf	51232.3886	0	0	5.33	0 L-o-S	123.6	223.3
705.3	65.9	500	86.9	88.2	1.3	-11.22	114	75.68	inf	65864.3437	0	0	1.7	0 L-o-S	125.8	223.3
705.3	69.3	500	69.7	88.1	18.4	5.57	115	75.27	inf	69250.468	0	0	3.38	0 L-o-S	126.2	223.3
705.3	79.9	500	58.1	86.6	28.5	15.96	117	74.06	inf	79942.6175	0	0	0.3	0 L-o-S	127.5	223.3
705.3	16.3	500	82.4	109.8	27.4	12.48	120	94.88	inf	16290.7543	0	0	0	0 L-o-S	113.7	223.3
705.3	21.5	500	72.6	107.5	34.9	18	121	90.6	inf	21484.6008	0	0	2.12	0 L-o-S	116.1	223.3
705.3	25.8	500	90.4	105.6	15.2	-2.65	122	87.75	inf	25833.4536	0	0	1.76	0 L-o-S	117.6	223.3
705.3	42.7	500	82.9	104.4	21.5	-3.56	123	79.34	inf	42716.9547	0	0	1.98	0 L-o-S	122	223.3
705.3	35.3	500	73.2	103	29.8	7.64	124	80.84	inf	35281.1356	0	0	4.85	0 L-o-S	120.4	223.3
705.3	40.3	500	79.5	83.8	4.3	0.33	125	79.83	inf	40344.1841	0	0	1.46	0 L-o-S	121.5	223.3
705.3	45.8	500	70.4	100.1	29.7	8.34	126	78.74	inf	45810.5281	0	0	0.02	0 L-o-S	122.6	223.3
705.3	50	500	77.4	78	0.6	0.6	127	78	inf	49950.6762	0	0	0.89	0 L-o-S	123.4	223.3
705.3	55.3	500	74.1	89.3	15.2	3.04	128	77.14	inf	55279.7822	0	0	0.47	0 L-o-S	124.3	223.3
705.3	60.4	500	67	88.8	21.8	9.39	129	76.39	inf	60431.4916	0	0	1.27	0 L-o-S	125	223.3
705.3	64.9	500	77.3	90.9	13.6	-1.51	130	75.79	inf	64868.7707	0	0	2.67	0 L-o-S	125.7	223.3
705.3	16.5	500	76.8	109.8	33	16.62	136	93.42	inf	16543.7698	0	0	0.6	0 L-o-S	113.8	223.3
705.3	21	500	89.7	107.5	17.8	1.29	137	90.99	inf	20971.2626	0	0	0	0 L-o-S	115.9	223.3
705.3	25.1	500	84.3	105.9	21.6	3.64	138	87.94	inf	25073.4508	0	0	1.44	0 L-o-S	117.4	223.3
705.3	30.9	500	88	104.1	16.1	-4.58	139	83.42	inf	30889.5267	0	0	0.03	0 L-o-S	119.2	223.3
705.3	35.4	500	94.3	103	8.7	-13.37	140	80.93	inf	35398.5996	0	0	1.47	0 L-o-S	120.4	223.3
705.3	46.1	500	77.5	100.5	23	1.18	142	78.68	inf	46142.8762	0	0	1.53	0 L-o-S	122.7	223.3
705.3	49.2	500	74.9	77.3	2.4	3.24	143	78.14	inf	49166.131	0	0	3.47	0 L-o-S	123.3	223.3
705.3	54	500	66.7	94.2	27.5	10.64	144	77.34	inf	54004.7773	0	0	1.47	0 L-o-S	124.1	223.3
705.3	64.5	500	56.2	70.1	13.9	19.63	146	75.83	inf	64540.0396	0	0	1.96	0 L-o-S	125.6	223.3
705.3	80.1	500	62.5	83	20.5	11.52	149	74.02	inf	80145.3505	0	0	2.06	0 L-o-S	127.5	223.3
705.3	16.4	500	96.3	109.8	13.5	-1.23	152	95.07	inf	16434.3294	0	0	0	0 L-o-S	113.7	223.3

705.3	20.8	500	87.9	107.5	19.6	1.89	153	89.79	inf	20819.556	0	0	3.69	0	L-o-S	115.8	223.3
705.3	24.8	500	82	88.1	6.1	4.84	154	86.84	inf	24828.7972	0	0	1.94	0	L-o-S	117.3	223.3
705.3	30.4	500	90.5	104.4	13.9	-6.65	155	83.85	inf	30351.6715	0	0	3.49	0	L-o-S	119.1	223.3
705.3	40.2	500	71.2	101.9	30.7	8.67	157	79.87	inf	40188.3988	0	0	1.06	0	L-o-S	121.5	223.3
705.3	49.1	500	72.3	79.7	7.4	5.84	159	78.14	inf	49118.2138	0	0	0.15	0	L-o-S	123.2	223.3
705.3	54.3	500	80.7	95.1	14.4	-3.41	160	77.29	inf	54261.4618	0	0	4.64	0	L-o-S	124.1	223.3
705.3	59.4	500	63.1	98.5	35.4	13.41	161	76.51	inf	59407.18	0	0	1.6	0	L-o-S	124.9	223.3
705.3	15.4	500	83.8	99.8	16	11.84	168	95.64	inf	15426.4744	0	0	0	0	L-o-S	113.2	223.3
705.3	21.2	500	106.4	109.8	3.4	-15.03	169	91.37	inf	21246.0277	0	0	2.83	0	L-o-S	115.9	223.3
705.3	45.4	500	69.8	101.9	32.1	9.02	174	78.82	inf	45392.8579	0	0	1.03	0	L-o-S	122.6	223.3
705.3	49.9	500	80.6	100.5	19.9	-2.6	175	78	inf	49930.5192	0	0	1.05	0	L-o-S	123.4	223.3
705.3	54.5	500	90.2	99	8.8	-12.96	176	77.24	inf	54530.8713	0	0	1.96	0	L-o-S	124.1	223.3
705.3	68.9	500	84.7	87.6	2.9	-9.44	179	75.26	inf	68875.6639	0	0	1.38	0	L-o-S	126.2	223.3
705.3	15.8	500	80.6	109.8	29.2	14.95	184	95.55	inf	15795.3382	0	0	1.73	0	L-o-S	113.4	223.3
705.3	20.2	500	84.2	107.5	23.3	6.31	185	90.51	inf	20234.8443	0	0	0	0	L-o-S	115.5	223.3
705.3	25.7	500	93.9	105.6	11.7	-5.95	186	87.95	inf	25691.0693	0	0	1.74	0	L-o-S	117.6	223.3
705.3	30.9	500	88.1	104.1	16	-6.11	187	81.99	inf	30880.781	0	0	4.11	0	L-o-S	119.2	223.3
705.3	35	500	64.1	102.9	38.8	16.95	188	81.05	inf	35033.4166	0	0	4.43	0	L-o-S	120.3	223.3
705.3	40.1	500	54.8	99.8	45	25.08	189	79.88	inf	40105.0295	0	0	0.12	0	L-o-S	121.5	223.3
705.3	43.9	500	75.3	76.2	0.9	3.8	190	79.1	inf	43891.0398	0	0	0.2	0	L-o-S	122.3	223.3
705.3	50.3	500	63.4	70.4	7	14.53	191	77.93	inf	50317.9051	0	0	3.32	0	L-o-S	123.4	223.3
705.3	54.1	500	89.2	98.9	9.7	-11.89	192	77.31	inf	54133.4077	0	0	0.19	0	L-o-S	124.1	223.3
705.3	69.2	500	73.8	87	13.2	1.42	195	75.22	inf	69238.9303	0	0	2.64	0	L-o-S	126.2	223.3
705.3	79.9	500	54.6	38.1	-16.5	19.39	197	73.99	inf	79890.7511	0	0	2.09	0	L-o-S	127.5	223.3
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	717	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	8.9	2340	90.1	118.3303	28.2303	19.42	720	109.52	inf	8879.768	0	0	0.99	0	L-o-S	108.4	230.0
705.3	12	2340	72.9	117.6643	44.7643	31.33	721	104.23	inf	12011.1844	0	0	0.75	0	L-o-S	111	230.0
705.3	13.2	2340	71.5	111.8449	40.3449	32.31	726	103.81	inf	13238.0607	0	0	1.97	0	L-o-S	111.8	230.0
705.3	10.9	2340	92.8	118.0657	25.2657	14.69	727	107.49	inf	10920.1865	0	0	2.44	0	L-o-S	110.2	230.0
705.3	43.8	2340	57.1	107.8493	50.7493	28.71	732	85.81	inf	43830.1678	0	0	4.18	0	L-o-S	122.2	230.0
705.3	8.8	2340	112.5	118.3272	5.8272	-3.05	733	109.45	inf	8816.8196	0	0	3.54	0	L-o-S	108.3	230.0
705.3	5.4	2340	104.5	125.8796	21.3796	4.79	734	109.29	inf	5414.6504	0	0	1.48	0	L-o-S	104.1	230.0
705.3	9.2	2340	84	80.6607	-3.3393	24.38	736	108.38	inf	9199.7181	0	0	0.95	0	L-o-S	108.7	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	738	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	747	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	8.4	2340	81.7	118.1937	36.4937	29.64	752	111.34	inf	8366.1808	0	0	0.6	0	L-o-S	107.9	230.0
705.3	13.8	2340	93.5	116.9092	23.4092	10.27	754	103.77	inf	13815.2043	0	0	0.43	0	L-o-S	112.2	230.0
705.3	13.7	2340	85.5	116.9657	31.4657	16.96	757	102.46	inf	13744.849	0	0	2.76	0	L-o-S	112.2	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	760	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	29.5	2340	75.8	105.0741	29.2741	13.42	762	89.22	inf	29534.9292	0	0	1.14	0	L-o-S	118.8	230.0
705.3	38.6	2340	73.4	104.7785	31.3785	13.51	767	86.91	inf	38586.4543	0	0	1.48	0	L-o-S	121.1	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	769	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	5.2	2340	91.5	126.1088	34.6088	19.51	773	111.01	inf	5237.1933	0	0	2.84	0	L-o-S	103.7	230.0
705.3	13.6	2340	90.1	116.9976	26.8976	12.05	774	102.15	inf	13635.9324	0	0	1.23	0	L-o-S	112.1	230.0
705.3	40.8	2340	72.8	108.4657	35.6657	13.63	776	86.43	inf	40790.913	0	0	3.28	0	L-o-S	121.6	230.0
705.3	4.9	2340	111.4	126.6973	15.2973	-0.74	777	110.66	inf	4895.4434	0	0	5.96	0	L-o-S	103.2	230.0
705.3	8	2340	83	117.9467	34.9467	26.62	778	109.62	inf	7950.9015	0	0	5.57	0	L-o-S	107.5	230.0
705.3	3.6	2340	104.5	129.3813	24.8813	3.46	779	107.96	inf	3603.3834	0	0	4.59	0	L-o-S	100.5	230.0
705.3	13.4	2340	91.8	117.1068	25.3068	10.71	788	102.51	inf	13403.7396	0	0	2.26	0	L-o-S	112	230.0
705.3	13.2	2340	90.4	111.1606	20.7606	12.68	789	103.08	inf	13217.4533	0	0	3.03	0	L-o-S	111.8	230.0
705.3	3.4	2340	102.5	129.7027	27.2027	5.45	791	107.95	inf	3385.3364	0	0	0.97	0	L-o-S	100	230.0
705.3	9.5	2340	73.5	94.8341	21.3341	36.64	793	110.14	inf	9463.5068	0	0	2.96	0	L-o-S	109	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	794	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0

705.3	6.1	2340	91	124.8534	33.8534	20.09	795	111.09	inf	6110.3115	0	0	1.55	0	L-o-S	105.1	230.0
705.3	8.5	2340	109	118.2365	9.2365	3.45	796	112.45	inf	8488.52	0	0	2.62	0	L-o-S	108	230.0
705.3	4.7	2340	71	127.0453	56.0453	37.97	801	108.97	inf	4719.0002	0	0	2.71	0	L-o-S	102.9	230.0
705.3	14	2340	107.5	116.8147	9.3147	-3.99	802	103.51	inf	14027.8423	0	0	3.22	0	L-o-S	112.3	230.0
705.3	7.7	2340	111.6	117.7418	6.1418	2.38	806	113.98	inf	7742.4811	0	0	0.94	0	L-o-S	107.1	230.0
705.3	4.3	2340	104.5	127.5896	23.0896	2.65	817	107.15	inf	4341.9536	0	0	0.15	0	L-o-S	102.1	230.0
705.3	16.6	2340	73.9	115.7352	41.8352	25.73	820	99.63	inf	16600.6039	0	0	4.61	0	L-o-S	113.8	230.0

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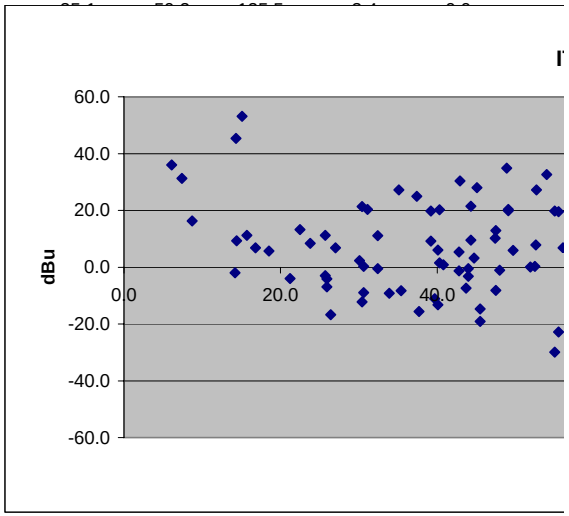
d,km	FS Fiel	FSF+meas	Dist, km	adiffv	adiffv-sal	saalos	Free Space Fld	dro	FSF-Meas	alosv	FSF-Meas	d, km	ITWOM err	
												18.490	-0.28	
62.0	91.1	161.4	62.0	0.0	-22.6	47.6	91.1	2797.3	20.8	22.6	20.8	62.0	-1.7	0.0
52.5	92.5	162.3	52.5	0.0	-22.4	47.5	92.5	2303.9	57.2	22.5	57.2	52.5	0.3	0.0
26.4	98.5	190.0	26.4	0.0	-23.7	48.7	98.5	1507.6	66.9	23.7	66.9	26.4	-16.7	0.0
66.4	90.5	166.7	66.4	0.0	-27.6	50.0	90.5	12655.8	58.5	27.7	58.5	66.4	-13.3	0.0
39.7	94.9	176.7	39.7	0.0	-24.2	49.3	94.9	1241.1	73.5	24.3	73.5	39.7	-11.1	0.0
99.5	87.0	140.5	99.5	0.0	-27.8	50.0	87.0	5405.9	59.7	27.9	59.7	99.5	5.8	0.0
56.1	91.9	159.3	56.1	0.0	-17.8	42.8	91.9	1448.9	85.3	17.8	85.3	56.1	6.8	0.0
108.6	86.2	152.4	108.6	0.0	-34.2	50.0	86.2	12992.8	51.5	34.3	51.5	108.6	-14.1	0.0
72.9	89.7	158.8	72.9	0.0	-28.0	50.0	89.7	7615.7	64.3	28.0	64.3	72.9	-7.4	0.0
125.5	84.9	131.6	125.5	0.0	-35.1	50.0	84.9	18998.7	50.2					
93.8	87.5	151.2	93.8	0.0	-24.1	49.1	87.5	3571.6	96.7					
101.5	86.8	151.4	101.5	0.0	-32.3	50.0	86.8	10518.5	83.5					
87.0	88.1	149.4	87.0	0.0	-27.8	50.0	88.1	13500.5	55					
43.7	94.1	170.1	43.7	0.0	-25.5	50.0	94.1	1329.5	46.4					
37.7	95.4	183.4	37.7	0.0	-23.0	48.1	95.4	2362.0	48.6					
103.1	86.7	149.9	103.1	0.0	-31.3	50.0	86.7	15768.5	64.6					
33.9	96.3	180.9	33.9	0.0	-20.9	45.9	96.3	1603.2	55.4					
123.7	85.1	134.2	123.7	0.0	-34.6	50.0	85.1	8717.2	46.1					
100.0	86.9	151.1	100.0	0.0	-22.0	47.0	86.9	1172.9	61.1					
83.3	88.5	159.2	83.3	0.0	-24.1	49.1	88.5	2640.9	57.2					
32.4	96.7	168.4	32.4	0.0	-25.6	50.0	96.7	648.0	82.6					
47.5	83.4	148.2	47.5	0.0	-20.8	45.8	83.4	1270.4	53					
45.5	83.8	153.0	45.5	0.0	-27.7	50.0	83.8	851.0	56.2					
44.0	84.1	144.5	44.0	0.0	-20.8	45.8	84.1	1579.4	96.6					
39.2	85.1	133.8	39.2	0.0	-21.2	46.2	85.1	1934.9	57					
49.1	83.1	119.5	49.1	0.0	-20.3	45.4	83.1	1130.8	55.3					
73.9	79.5	150.1	73.9	0.0	-23.6	48.6	79.5	2394.4	44.1					
88.6	78.0	140.6	88.6	0.0	-34.0	50.0	78.0	18019.0	75.2					
25.7	88.7	151.1	25.7	0.0	-23.3	48.3	88.7	883.2	86.4					
30.4	87.3	159.3	30.4	0.0	-21.5	46.5	87.3	1837.1	61.8					
55.5	82.0	147.9	55.5	0.0	-33.0	50.0	82.0	9652.7	71.8					
60.1	81.3	151.5	60.1	0.0	-20.6	45.6	81.3	1350.1	79.7	20.6	79.7	60.1	-15.4	0.0
69.4	80.1	143.8	69.4	0.0	-24.5	49.5	80.1	3880.3	43.9	24.5	43.9	69.4	-14.1	0.0
55.0	82.1	165.1	55.0	0.0	-23.0	48.0	82.1	2381.4	61.1	23.0	61.1	55.0	-29.9	0.0
59.6	81.4	160.2	59.6	0.0	-20.7	45.7	81.4	1355.5	65.6	20.7	65.6	59.6	-24.0	0.0
73.9	79.5	158.0	73.9	0.0	-24.5	49.5	79.5	1688.2	64.4	24.5	64.4	73.9	-29.4	0.0
70.0	80.0	152.7	70.0	0.0	-21.2	46.2	80.0	1852.8	43.5	21.2	43.5	70.0	-19.8	0.0
73.6	79.6	152.4	73.6	0.0	-23.5	48.5	79.6	1037.3	46.6	23.5	46.6	73.6	-22.6	0.0
79.1	79.0	149.1	79.1	0.0	-30.6	50.0	79.0	6066.7	63.4	30.7	63.4	79.1	-27.7	0.0
83.4	78.5	139.8	83.4	0.0	-31.7	50.0	78.5	10019.4	49.8	31.7	49.8	83.4	-20.4	0.0
40.3	84.8	140.9	40.3	0.0	-21.2	46.2	84.8	1476.1	52.9	21.2	52.9	40.3	1.5	0.0
69.6	80.1	157.2	69.6	0.0	-23.9	48.9	80.1	3465.8	89.2	23.9	89.2	69.6	-26.9	0.0
75.0	79.4	141.8	75.0	0.0	-31.3	50.0	79.4	7204.9	48.6	31.4	48.6	75.0	-20.2	0.0
62.4	81.0	152.0	62.4	0.0	-24.4	49.4	81.0	3232.2	75.9	24.4	75.9	62.4	-20.4	0.0
68.9	80.2	153.0	68.9	0.0	-28.1	50.0	80.2	9553.9	43.8	28.1	43.8	68.9	-26.7	0.0
73.1	79.6	147.3	73.1	0.0	-33.1	50.0	79.6	13784.8	94.9	33.1	94.9	73.1	-27.1	0.0
44.3	84.0	129.0	44.3	0.0	-23.5	48.5	84.0	2587.0	35.2	23.5	35.2	44.3	9.5	0.0
21.2	90.4	150.3	21.2	0.0	-28.5	50.0	90.4	1034.9	78.3	28.5	78.3	21.2	-4.0	0.0
25.9	88.7	149.4	25.9	0.0	-28.9	50.0	88.7	997.5	56.6	28.9	56.6	25.9	-6.9	0.0
30.6	87.2	154.5	30.6	0.0	-22.8	47.8	87.2	1668.4	48.8	22.8	48.8	30.6	-8.9	0.0
40.1	84.9	154.6	40.1	0.0	-22.4	47.4	84.9	1662.8	68.3	22.4	68.3	40.1	-13.2	0.0



64.0	80.8	147.6	64.0	0.0	-29.7	50.0	80.8	9785.2	57.3	29.7	57.3	64.0	-21.6	0.0
73.1	79.6	151.3	73.1	0.0	-23.8	48.8	79.6	914.8	31.9	23.8	31.9	73.1	-21.8	0.0
88.3	78.0	149.6	88.3	0.0	-36.4	50.0	78.0	16370.0	58.8	36.4	58.8	88.3	-35.9	0.0
58.9	81.5	154.5	58.9	0.0	-27.6	50.0	81.5	3728.0	77.3	27.6	77.3	58.9	-25.1	0.0
73.6	79.6	140.2	73.6	0.0	-21.0	46.0	79.6	925.6	47.5	21.0	47.5	73.6	-7.9	0.0
88.3	78.0	147.1	88.3	0.0	-26.0	50.0	78.0	9045.8	52.4	26.0	52.4	88.3	-23.0	0.0
35.4	100.9	184.4	35.4	0.0	-25.8	50.0	100.9	657.3	84.7	25.8	84.7	35.4	-8.3	0.0
65.1	92.8	150.9	65.1	0.0	-26.8	50.0	92.8	5685.0	79.6	26.8	79.6	65.1	8.0	0.0
35.1	98.2	139.8	35.1	0.0	-29.4	50.0	98.2	15541.3	38.2	29.5	38.2	35.1	27.2	0.0
42.9	96.5	138.4	42.9	0.0	-24.3	49.3	96.5	2130.6	55.4	24.3	55.4	42.9	30.3	0.0
74.0	91.7	150.6	74.0	0.0	-22.2	47.2	91.7	3389.4	53.8	22.2	53.8	74.0	10.8	0.0
48.0	95.5	169.6	48.0	0.0	-22.5	47.5	95.5	4018.2	42.6	22.5	42.6	48.0	-1.1	0.0
52.7	94.7	142.4	52.7	0.0	-19.8	44.9	94.7	1553.4	45.7	19.9	45.7	52.7	27.2	0.0
44.7	98.9	172.9	44.7	0.0	-21.8	46.8	98.9	2344.3	45	21.8	45.0	44.7	3.2	0.0
30.1	102.3	176.5	30.1	0.0	-25.9	50.0	102.3	5491.1	82.1	25.9	82.1	30.1	2.3	0.0
27.0	103.3	174.0	27.0	0.0	-25.8	50.0	103.3	3374.6	33.8	25.8	33.8	27.0	6.8	0.0
15.7	108.0	184.7	15.7	0.0	-20.1	45.1	108.0	1295.5	66.2	20.1	66.2	15.7	11.2	0.0
14.4	108.7	186.6	14.4	0.0	-21.4	46.4	108.7	609.7	39.8	21.4	39.8	14.4	9.3	0.0
86.2	93.2	161.9	86.2	0.0	-21.5	46.5	93.2	1982.2	56.2	21.5	56.2	86.2	3.2	0.0
104.1	91.6	168.4	104.1	0.0	-29.6	50.0	91.6	5976.6	38.6	29.7	38.6	104.1	-14.6	0.0
102.5	91.7	191.9	102.5	0.0	-27.6	50.0	91.7	6601.8	47.9	27.6	47.9	102.5	-35.8	0.0
98.0	92.1	151.0	98.0	0.0	-31.2	50.0	92.1	8188.9	59.3	31.2	59.3	98.0	2.3	0.0
100.4	91.9	174.9	100.4	0.0	-20.9	45.9	91.9	1254.1	66.9	20.9	66.9	100.4	-11.8	0.0
67.5	95.3	162.3	67.5	0.0	-19.9	45.0	95.3	1918.9	62.6	20.0	62.6	67.5	8.5	0.0
98.0	92.1	167.8	98.0	0.0	-31.2	50.0	92.1	8188.9	57.2	31.2	57.2	98.0	-14.5	0.0
102.5	91.7	152.3	102.5	0.0	-27.6	50.0	91.7	6601.8	80.8	27.6	80.8	102.5	3.8	0.0
62.4	96.0	160.3	62.4	0.0	-21.6	46.6	96.0	2239.8	63	21.6	63.0	62.4	10.2	0.0
116.0	90.6	180.8	116.0	0.0	-35.5	50.0	90.6	12453.3	60.8	35.5	60.8	116.0	-34.8	0.0
68.1	95.3	161.2	68.1	0.0	-21.7	46.7	95.3	1238.3	49.9	21.7	49.9	68.1	7.7	0.0
108.8	91.2	179.8	108.8	0.0	-37.3	50.0	91.2	20096.6	50.7	37.3	50.7	108.8	-34.4	0.0
89.9	92.8	172.4	89.9	0.0	-29.4	50.0	92.8	6594.9	46.8	29.4	46.8	89.9	-16.0	0.0
105.3	91.5	191.7	105.3	0.0	-32.0	50.0	91.5	8619.5	31.3	32.1	31.3	105.3	-40.4	0.0
69.5	95.1	156.7	69.5	0.0	-32.3	50.0	95.1	9070.0	68.5	32.3	68.5	69.5	1.3	0.0
72.7	94.7	174.3	72.7	0.0	-21.0	46.0	94.7	1451.8	26.3	21.0	26.3	72.7	-5.8	0.0
76.1	94.3	180.7	76.1	0.0	-25.8	50.0	94.3	1159.1	71.7	25.8	71.7	76.1	-17.8	0.0
58.7	96.5	144.7	58.7	0.0	-19.5	44.5	96.5	1595.8	38.7	19.5	38.7	58.7	29.0	0.0
52.6	97.5	153.7	52.6	0.0	-33.5	50.0	97.5	14969.0	87.3	33.6	87.3	52.6	7.8	0.0
42.8	99.3	177.7	42.8	0.0	-22.2	47.3	99.3	1865.7	68.4	22.3	68.4	42.8	-1.3	0.0
60.1	96.3	133.0	60.1	0.0	-21.5	46.6	96.3	2453.8	63.6	21.6	63.6	60.1	38.2	0.0
40.8	99.7	170.4	40.8	0.0	-28.2	50.0	99.7	702.2	47.9	28.3	47.9	40.8	0.8	0.0
84.9	93.3	151.0	84.9	0.0	-31.8	50.0	93.3	7986.6	79.2	31.8	79.2	84.9	4.1	0.0
67.9	95.3	172.3	67.9	0.0	-29.7	50.0	95.3	6869.6	47.7	29.7	47.7	67.9	-11.2	0.0
84.1	93.4	162.4	84.1	0.1	-27.2	50.0	93.4	35917.8	70.5	27.3	70.5	84.1	-2.7	0.0
85.0	93.3	139.7	85.0	0.0	-25.9	50.0	93.3	5194.4	63.3	25.9	63.3	85.0	21.3	0.0
48.9	98.1	141.2	48.9	0.0	-20.3	45.3	98.1	1587.6	35.8	20.3	35.8	48.9	34.8	0.0
49.7	98.0	170.4	49.7	0.0	-19.8	44.8	98.0	1619.0	50.6	19.8	50.6	49.7	5.9	0.0
89.3	92.9	144.6	89.3	0.0	-36.8	50.0	92.9	11092.8	59.6	36.8	59.6	89.3	4.8	0.0
83.3	93.5	164.4	83.3	0.0	-26.1	50.0	93.5	3659.1	55.7	26.1	55.7	83.3	-3.2	0.0
81.5	93.7	136.5	81.5	0.0	-33.3	50.0	93.7	21235.8	28.9	33.3	28.9	81.5	17.8	0.0
65.4	95.6	164.9	65.4	0.0	-33.1	50.0	95.6	11827.9	52.1	33.1	52.1	65.4	-6.6	0.0
51.9	97.6	161.7	51.9	0.0	-33.5	50.0	97.6	7544.4	49.7	33.5	49.7	51.9	0.1	0.0
32.4	101.7	171.0	32.4	0.0	-21.3	46.4	101.7	1125.3	60.9	21.4	60.9	32.4	11.1	0.0
110.6	90.8	168.5	110.6	0.0	-21.8	46.8	90.8	2348.1	32.6	21.8	32.6	110.6	-8.4	0.0

58.8	102.3	160.6	58.8	0.0	-22.2	47.3	102.3	2812.4	65.4	22.3	65.4	58.8	21.9	0.0
58.0	102.4	184.3	58.0	0.0	-27.7	50.0	102.4	5520.4	41.4	27.7	41.4	58.0	-7.1	0.0
31.1	107.9	175.8	31.1	0.0	-19.6	44.6	107.9	2177.2	43	19.6	43.0	31.1	20.4	0.0
47.5	100.4	168.6	47.5	0.0	-19.3	44.3	100.4	1270.4	48.3	19.3	48.3	47.5	13.0	0.0
45.5	100.7	189.1	45.5	0.0	-27.1	50.0	100.7	851.0	56.5	27.2	56.5	45.5	-14.8	0.0
44.0	101.0	183.3	44.0	0.0	-19.2	44.3	101.0	1579.4	56	19.3	56.0	44.0	-0.5	0.0
39.2	102.0	163.4	39.2	0.0	-20.9	45.9	102.0	1934.9	71.2	20.9	71.2	39.2	19.8	0.0
49.1	100.1	161.4	49.1	0.0	-19.0	44.0	100.1	1130.8	58.8	19.0	58.8	49.1	19.9	0.0
68.8	97.2	177.0	68.8	0.0	-22.4	47.5	97.2	850.1	42.9	22.5	42.9	68.8	-5.0	0.0
73.9	96.5	151.1	73.9	0.0	-20.6	45.6	96.5	2394.4	41	20.6	41.0	73.9	21.5	0.0
88.6	95.0	135.1	88.6	0.0	-34.5	50.0	95.0	18019.0	55.9	34.5	55.9	88.6	20.6	0.0
25.7	105.7	175.9	25.7	0.0	-23.4	48.4	105.7	883.2	39.6	23.4	39.6	25.7	11.3	0.0
30.4	104.3	166.9	30.4	0.0	-19.9	44.9	104.3	1837.1	59.8	19.9	59.8	30.4	21.3	0.0
55.5	99.0	148.0	55.5	0.0	-30.6	50.0	99.0	9652.7	31.1	30.6	31.1	55.5	19.5	0.0
69.4	97.1	153.8	69.4	0.0	-24.2	49.2	97.1	3880.3	35.9	24.2	35.9	69.4	16.3	0.0
60.1	98.3	153.4	60.1	0.0	-19.5	44.5	98.3	1350.1	15.3	19.5	15.3	60.1	23.8	0.0
55.0	99.1	156.9	55.0	0.0	-21.7	46.7	99.1	2381.4	54.9	21.7	54.9	55.0	19.7	0.0
59.6	98.4	134.5	59.6	0.0	-18.9	44.0	98.4	1355.5	38.1	19.0	38.1	59.6	43.5	0.0
73.9	96.5	143.7	73.9	0.0	-24.7	49.7	96.5	1688.2	37.4	24.7	37.4	73.9	24.8	0.0
70.0	97.0	169.1	70.0	0.0	-19.5	44.5	97.0	1852.8	50.3	19.5	50.3	70.0	5.5	0.0
73.6	96.6	175.2	73.6	0.0	-20.5	45.5	96.6	1037.3	40.2	20.5	40.2	73.6	-2.4	0.0
79.1	95.9	154.3	79.1	0.0	-27.7	50.0	95.9	6066.7	56.2	27.8	56.2	79.1	10.0	0.0
83.4	95.5	158.4	83.4	0.0	-34.5	50.0	95.5	10019.4	54.7	34.5	54.7	83.4	-1.7	0.0
40.3	101.8	163.9	40.3	0.0	-19.5	44.5	101.8	1476.1	37.9	19.5	37.9	40.3	20.3	0.0
69.6	97.1	164.4	69.6	0.0	-23.6	48.6	97.1	3465.8	13	23.6	13.0	69.6	6.3	0.0
75.2	96.4	170.6	75.2	0.0	-31.7	50.0	96.4	8914.8	59	31.8	59.0	75.2	-9.4	0.0
65.1	97.6	137.2	65.1	0.0	-32.2	50.0	97.6	10237.0	40.7	32.2	40.7	65.1	25.9	0.0
62.4	98.0	158.5	62.4	0.0	-22.5	47.6	98.0	3232.2	76.7	22.6	76.7	62.4	15.1	0.0
68.9	97.1	141.1	68.9	0.0	-31.4	50.0	97.1	9553.9	28.7	31.4	28.7	68.9	21.9	0.0
73.1	96.6	170.2	73.1	0.0	-35.1	50.0	96.6	13784.8	51.1	35.1	51.1	73.1	-12.0	0.0
44.3	101.0	158.2	44.3	0.0	-22.4	47.4	101.0	2587.0	70.3	22.4	70.3	44.3	21.4	0.0
25.9	105.6	186.5	25.9	0.0	-28.0	50.0	105.6	997.5	24.5	28.1	24.5	25.9	-4.1	0.0
30.6	104.2	187.8	30.6	0.0	-20.2	45.2	104.2	1668.4	65.2	20.2	65.2	30.6	0.3	0.0
40.1	101.8	177.3	40.1	0.0	-20.3	45.3	101.8	1662.8	31.3	20.3	31.3	40.1	6.1	0.0
65.9	97.5	163.9	65.9	0.0	-36.5	50.0	97.5	12034.5	30.3	36.5	30.3	65.9	-5.3	0.0
88.3	95.0	159.5	88.3	0.0	-38.1	50.0	95.0	16370.0	51	38.1	51.0	88.3	-7.5	0.0
58.9	98.5	160.1	58.9	0.0	-24.2	49.2	98.5	3728.0	35.6	24.2	35.6	58.9	12.8	0.0
73.6	96.6	170.3	73.6	0.0	-19.9	44.9	96.6	925.6	74.1	19.9	74.1	73.6	3.1	0.0
88.3	95.0	133.1	88.3	0.0	-29.4	50.0	95.0	9045.7	41.9	29.4	41.9	88.3	27.7	0.0
18.5	115.3	175.3	18.5	0.0	-49.5	50.0	115.3	564.0	59.3	49.5	59.3	18.5	5.7	0.0
7.4	123.2	194.7	7.4	0.0	-15.1	40.2	123.2	624.7	41.2	15.2	41.2	7.4	31.3	0.0
62.9	104.6	157.4	62.9	0.0	-21.6	46.6	104.6	2682.8	45.9	21.6	45.9	62.9	30.3	0.0
47.4	107.1	178.5	47.4	0.0	-25.6	50.0	107.1	4581.4	19.8	25.6	19.8	47.4	10.2	0.0
37.4	109.2	168.6	37.4	0.0	-24.8	49.8	109.2	1442.8	28.6	24.8	28.6	37.4	25.0	0.0
62.6	104.7	153.8	62.6	0.0	-18.8	43.8	104.7	1298.4	38.4	18.8	38.4	62.6	36.9	0.0
14.3	117.5	164.5	14.3	0.0	-24.3	49.3	117.5	738.7	43	24.3	43.0	14.3	45.3	0.0
45.1	107.5	165.5	45.1	0.0	-21.6	46.6	107.5	953.3	37.5	21.6	37.5	45.1	28.0	0.0
42.8	108.0	186.1	42.8	0.0	-24.5	49.6	108.0	594.3	26.4	24.6	26.4	42.8	5.4	0.0
54.0	106.0	159.4	54.0	0.0	-20.0	45.0	106.0	1066.2	52.2	20.0	52.2	54.0	32.7	0.0
58.5	105.3	163.7	58.5	0.0	-24.4	49.5	105.3	656.2	63.7	24.5	63.7	58.5	22.5	0.0
8.7	121.8	200.1	8.7	0.0	-23.9	48.9	121.8	1546.9	39.7	23.9	39.7	8.7	16.2	0.0
64.5	104.4	175.4	64.5	0.0	-25.6	50.0	104.4	4537.3	45.1	25.6	45.1	64.5	7.9	0.0
22.5	113.6	187.0	22.5	0.0	-26.9	50.0	113.6	1221.8	21	26.9	21.0	22.5	13.3	0.0

6.1	124.9	184.0	6.1	0.0	-20.7	45.7	124.9	790.6	68.7	20.7	68.7	6.1	36.0	0.0
15.1	117.0	161.0	15.1	0.0	-19.1	44.1	117.0	1016.3	29.2	19.1	29.2	15.1	53.1	0.0
16.8	116.1	203.9	16.8	0.0	-21.0	46.0	116.1	565.4	54.6	21.0	54.6	16.8	6.8	0.0
23.8	113.1	192.9	23.8	0.0	-24.8	49.9	113.1	4201.4	17.3	24.9	17.3	23.8	8.4	0.0
14.2	117.6	211.1	14.2	0.0	-25.6	50.0	117.6	724.0	62.6	25.6	62.6	14.2	-2.0	0.0
61.6	104.8	170.2	61.6	0.0	-19.6	44.6	104.8	1041.6	31.8	19.6	31.8	61.6	19.9	0.0
126.6	84.9	142.5	126.6	0.0	0.0	41.2	84.9	1227.0	59.9	16.2	59.9	126.6	11.4	
121.9	85.2	122.3	121.9	0.0	0.0	36.9	85.2	1993.8	78.7	11.9	78.7	121.9	36.4	
86.3	88.2	140.3	86.3	0.0	0.0	50.0	88.2	12148.5	98.6	29.6	98.6	86.3	6.6	
76.6	89.2	145.3	76.6	0.0	0.0	50.0	89.2	907.5	84.7	42.9	84.7	76.6	-9.7	
81.4	88.7	155.2	81.4	0.0	0.0	40.2	88.7	1455.3	70.9	15.2	70.9	81.4	7.2	
71.6	89.8	152.7	71.6	0.0	0.0	50.0	89.8	1331.0	75.5	26.1	75.5	71.6	0.9	
102.5	86.7	142.3	102.5	0.0	0.0	45.1	86.7	1174.6	73.8	20.1	73.8	102.5	11.2	
78.5	89.0	137.0	78.5	0.0	0.0	50.0	89.0	1426.2	132.9	28.8	132.9	78.5	12.3	
109.5	86.1	148.1	109.5	0.0	0.0	44.8	86.1	484.9	83.4	19.8	83.4	109.5	4.4	
112.8	85.9	137.8	112.8	0.0	0.0	50.0	85.9	1194.8	61.2	25.9	61.2	112.8	8.3	
57.8	91.7	173.7	57.8	0.0	0.0	50.0	91.7	1283.8	49	44.0	49.0	57.8	-34.3	
70.4	90.0	162.5	70.4	0.0	0.0	48.7	90.0	1908.8	73.8	23.7	73.8	70.4	-6.1	
121.6	85.2	135.9	121.6	0.0	0.0	40.5	85.2	1253.4	92.3	15.5	92.3	121.6	19.2	
79.2	88.9	153.1	79.2	0.0	0.0	50.0	88.9	2253.4	89.4	29.9	89.4	79.2	-5.0	
109.9	86.1	144.4	109.9	0.0	0.0	50.0	86.1	1698.8	109.1	33.7	109.1	109.9	-5.8	
77.5	89.1	149.8	77.5	0.0	0.0	39.4	89.1	1659.0	90.6	14.4	90.6	77.5	14.1	
122.1	85.2	163.0	122.1	0.0	0.0	47.5	85.2	1431.1	116.5	22.5	116.5	122.1	-14.8	
117.6	85.5	142.9	117.6	0.0	0.0	41.2	85.5	2331.6	72.8	16.2	72.8	117.6	12.2	
76.6	89.2	146.2	76.6	0.0	0.0	50.0	89.2	907.5	82.8	42.9	82.8	76.6	-10.6	
116.0	85.6	161.6	116.0	0.0	0.0	49.2	85.6	13162.9	98.6	24.2	98.6	116.0	-14.4	
108.3	86.2	122.9	108.3	0.0	0.0	50.0	86.2	2484.7	109.4	32.5	109.4	108.3	17.2	
124.5	85.0	116.1	124.5	0.0	0.0	39.1	85.0	1414.4	52.2	14.1	52.2	124.5	40.1	
120.0	85.3	134.5	120.0	0.0	0.0	36.4	85.3	4317.5	69.1	11.4	69.1	120.0	24.9	
61.9	91.1	163.6	61.9	0.0	0.0	50.0	91.1	2207.1	106.5	35.5	106.5	61.9	-16.8	
124.3	85.0	143.2	124.3	0.0	0.0	35.3	85.0	8766.0	90.8	10.3	90.8	124.3	16.7	
60.3	91.3	152.1	60.3	0.0	0.0	50.0	91.3	1389.5	91.1	43.9	91.1	60.3	-13.3	
70.2	90.0	157.2	70.2	0.0	0.0	43.1	90.0	11023.0	60	18.1	60.0	70.2	4.8	
124.3	85.0	119.3	124.3	0.0	0.0	45.2	85.0	3305.4	49.5	20.2	49.5	124.3	30.8	
84.0	78.4	152.3	84.0	0.0	0.0	50.0	78.4	538.7	113.4	25.0	113.4	84.0	-26.4	
83.5	78.5	149.0	83.5	0.0	0.0	50.0	78.5	692.2	81.1	42.7	81.1	83.5	-40.6	
78.3	79.0	164.4	78.3	0.0	0.0	41.0	79.0	3619.3	63.9	16.0	63.9	78.3	-28.3	
34.9	86.1	142.4	34.9	0.0	0.0	50.0	86.1	1112.8	82.7	36.5	82.7	34.9	-12.7	
64.2	80.8	151.9	64.2	0.0	0.0	48.0	80.8	2100.4	62.1	23.0	62.1	64.2	-19.3	
68.8	80.2	147.7	68.8	0.0	0.0	50.0	80.2	812.0	54	43.1	54.0	68.8	-36.3	
158.8	72.9	145.9	158.8	0.0	0.0	50.0	72.9	10329.6	37.4	25.1	37.4	158.8	-30.4	
83.3	78.5	138.7	83.3	0.0	0.0	50.0	78.5	1045.2	69.5	33.7	69.5	83.3	-21.3	
35.2	86.0	139.9	35.2	0.0	0.0	45.5	86.0	2508.4	67.7	20.5	67.7	35.2	5.6	
49.8	83.0	135.2	49.8	0.0	0.0	50.0	83.0	957.1	51.4	27.7	51.4	49.8	-2.9	
64.8	80.7	151.4	64.8	0.0	0.0	50.0	80.7	2994.5	74.9	30.7	74.9	64.8	-26.7	
73.8	79.6	141.3	73.8	0.0	0.0	50.0	79.6	971.8	73.6	32.6	73.6	73.8	-20.7	
88.2	78.0	137.9	88.2	0.0	0.0	50.0	78.0	1037.2	69	25.9	69.0	88.2	-13.7	
26.0	88.6	155.6	26.0	0.0	0.0	50.0	88.6	1040.3	69.9	38.9	69.9	26.0	-23.3	
45.3	83.8	132.1	45.3	0.0	0.0	50.0	83.8	1141.8	89.9	25.1	89.9	45.3	4.4	
84.1	78.4	145.6	84.1	0.0	0.0	38.9	78.4	3834.9	83.7	13.9	83.7	84.1	-8.5	
115.0	75.7	137.7	115.0	0.0	0.0	33.1	75.7	1344.5	104.4	8.1	104.4	115.0	-0.1	
87.7	78.1	141.3	87.7	0.0	0.0	50.0	78.1	1242.9	94.5	33.1	94.5	87.7	-24.1	
59.7	81.4	156.2	59.7	0.0	0.0	50.0	81.4	1416.7	75.6	32.1	75.6	59.7	-31.4	

65.6	80.6	139.1	65.6	0.0	0.0	36.6	80.6	1757.6	81	11.6	81.0	65.6	4.6
64.8	80.7	137.3	64.8	0.0	0.0	44.3	80.7	2286.7	91.7	19.3	91.7	64.8	-1.2
55.6	82.0	140.5	55.6	0.0	0.0	50.0	82.0	1076.1	48.8	32.8	48.8	55.6	-15.3
87.9	78.0	128.5	87.9	0.0	0.0	50.0	78.0	13408.8	54.9	26.3	54.9	87.9	-4.7
83.3	78.5	140.8	83.3	0.0	0.0	47.2	78.5	8876.7	38.1	22.2	38.1	83.3	-11.9
61.9	81.1	146.3	61.9	0.0	0.0	50.0	81.1	1004.6	71.7	50.9	71.7	61.9	-41.0
59.0	81.5	159.3	59.0	0.0	0.0	50.0	81.5	1638.4	70.8	26.3	70.8	59.0	-28.5
77.9	79.1	152.0	77.9	0.0	0.0	48.5	79.1	2025.7	72.4	23.5	72.4	77.9	-23.2
96.6	77.2	148.2	96.6	0.0	0.0	50.0	77.2	185.7	68.8	29.7	68.8	96.6	-29.4
63.8	80.8	162.3	63.8	0.0	0.0	44.5	80.8	799.1	64.7	19.5	64.7	63.8	-26.1
83.7	78.5	142.9	83.7	0.0	0.0	50.0	78.5	2434.0	85	26.7	85.0	83.7	-18.5
115.6	90.7	156.9	115.6	0.0	0.0	50.0	90.7	1895.1	74.5	34.8	74.5	115.6	-10.1
28.5	102.8	175.7	28.5	0.0	0.0	50.0	102.8	739.5	55.2	56.1	55.2	28.5	-26.2
6.9	115.1	183.0	6.9	0.0	0.0	50.0	115.1	1496.6	73.5	31.9	73.5	6.9	15.1
36.9	100.6	170.3	36.9	0.0	0.0	50.0	100.6	1502.0	76.6	42.6	76.6	36.9	-11.7
65.1	92.8	142.2	65.1	0.0	0.0	50.0	92.8	1840.1	101.8	39.9	101.8	65.1	3.6
81.1	90.9	139.6	81.1	0.0	0.0	50.0	90.9	1408.2	80.5	43.8	80.5	81.1	-1.5
21.0	102.7	144.6	21.0	0.0	0.0	50.0	102.7	2037.6	68.9	38.2	68.9	21.0	22.6
56.6	94.1	124.1	56.6	0.0	0.0	50.0	94.1	1883.6	58.9	40.8	58.9	56.6	23.4
80.2	91.0	139.5	80.2	0.0	0.0	50.0	91.0	1409.1	51.7	55.1	51.7	80.2	-12.4
93.3	89.7	124.6	93.3	0.0	0.0	50.0	89.7	1293.0	79.1	35.9	79.1	93.3	19.1
101.7	89.0	113.9	101.7	0.0	0.0	43.6	89.0	1235.1	82.6	18.6	82.6	101.7	45.7
83.7	90.7	142.1	83.7	0.0	0.0	50.0	90.7	1904.4	57	35.4	57.0	83.7	4.0
79.1	91.2	166.6	79.1	0.0	0.0	50.0	91.2	1364.7	38.9	49.1	38.9	79.1	-33.3
62.3	93.2	143.0	62.3	0.0	0.0	50.0	93.2	3063.4	49.9	33.7	49.9	62.3	9.8
62.5	93.2	133.7	62.5	0.0	0.0	50.0	93.2	1517.1	66.2	42.5	66.2	62.5	10.3
96.9	89.4	136.5	96.9	0.0	0.0	50.0	89.4	1294.7	85.7	32.6	85.7	96.9	9.9
78.1	91.3	144.7	78.1	0.0	0.0	50.0	91.3	4046.1	56.7	39.5	56.7	78.1	-1.5
93.8	89.7	130.6	93.8	0.0	0.0	50.0	89.7	1286.7	82.7	48.3	82.7	93.8	0.6
65.6	92.8	140.5	65.6	0.0	0.0	50.0	92.8	2017.0	40.3	35.7	40.3	65.6	9.4
56.0	97.0	159.9	56.0	0.0	0.0	50.0	97.0	852.4	57.6	31.3	57.6	56.0	2.8
31.0	102.1	169.6	31.0	0.0	0.0	50.0	102.1	2833.8	69.2	26.3	69.2	31.0	8.3
66.8	95.4	136.7	66.8	0.0	0.0	46.3	95.4	397.2	58.8	21.3	58.8	66.8	33.0
88.1	93.0	146.4	88.1	0.0	0.0	50.0	93.0	7080.1	59.8	37.7	59.8	88.1	2.1
106.1	91.4	172.5	106.1	0.0	0.0	47.6	91.4	2786.7	80	22.6	80.0	106.1	-12.0
78.5	94.0	176.0	78.5	0.0	0.0	50.0	94.0	1726.9	66.9	45.3	66.9	78.5	-33.1
91.6	92.7	156.9	91.6	0.0	0.0	50.0	92.7	7072.7	67.8	33.4	67.8	91.6	-4.8
68.3	95.2	156.1	68.3	0.0	0.0	50.0	95.2	1581.1	52.7	27.9	52.7	68.3	6.5
110.5	91.0	146.4	110.5	0.0	0.0	50.0	91.0	13429.2	90.6	35.5	90.6	110.5	0.5
82.1	93.6	166.8	82.1	0.0	0.0	50.0	93.6	2452.9	69.7	34.9	69.7	82.1	-14.3
116.0	90.6	163.4	116.0	0.0	0.0	50.0	90.6	14968.5	73.4	37.6	73.4	116.0	-19.3
98.6	92.0	180.0	98.6	0.0	0.0	50.0	92.0	7934.6	67.7	40.0	67.7	98.6	-35.6
116.0	90.6	184.6	116.0	0.0	0.0	50.0	90.6	14968.5	102.6	37.6	102.6	116.0	-40.5
111.7	91.0	185.2	111.7	0.0	0.0	50.0	91.0	1493.3	96.6	29.9	96.6	111.7	-32.7
39.9	99.9	155.8	39.9	0.0	0.0	50.0	99.9	1326.4	52.1	43.2	52.1	39.9	0.7
132.3	89.5	174.6	132.3	0.0	0.0	42.7	89.5	3777.5	53.1	17.7	53.1	132.3	-12.6
87.9	93.0	141.7	87.9	0.0	0.0	47.1	93.0	8641.6	73.9	22.1	73.9	87.9	22.5
74.6	94.5	151.2	74.6	0.0	0.0	42.8	94.5	6666.8	78	17.8	78.0	74.6	20.2
85.4	93.3	153.8	85.4	0.0	0.0	43.1	93.3	19363.4	42.6	18.1	42.6	85.4	14.9
59.5	96.4	150.3	59.5	0.0	0.0	50.0	96.4	708.2	85.9	37.3	85.9	59.5	5.4
89.1	92.9	170.8	89.1	0.0	0.0	44.0	92.9	886.4	111.8	19.0	111.8	89.1	-3.5
81.3	93.7	139.8	81.3	0.0	0.0	48.6	93.7	14556.7	91.9	23.6	91.9	81.3	24.3
85.8	93.2	146.8	85.8	0.0	0.0	48.6	93.2	1895.7	79.7	23.6	79.7	85.8	16.5

54.9	97.1	161.2	54.9	0.0	0.0	50.0	97.1	492.9	73.7	27.2	73.7	54.9	5.9
66.1	95.5	164.1	66.1	0.0	0.0	46.5	95.5	1984.7	61.7	21.5	61.7	66.1	5.6
70.7	94.9	142.5	70.7	0.0	0.0	48.3	94.9	2797.5	78.3	23.3	78.3	70.7	24.2
72.8	94.7	133.7	72.8	0.0	0.0	43.9	94.7	3819.5	52.6	18.9	52.6	72.8	37.0
68.4	95.2	146.8	68.4	0.0	0.0	44.4	95.2	1267.5	66.1	19.4	66.1	68.4	24.4
56.2	96.9	140.8	56.2	0.0	0.0	50.0	96.9	667.8	50.8	29.1	50.8	56.2	24.1
49.9	98.0	153.0	49.9	0.0	0.0	47.4	98.0	3580.2	83.3	22.4	83.3	49.9	20.6
70.2	95.0	128.4	70.2	0.0	0.0	50.0	95.0	1433.1	81.7	29.5	81.7	70.2	32.3
86.7	93.2	151.7	86.7	0.0	0.0	42.1	93.2	1459.4	63.2	17.1	63.2	86.7	17.9
85.0	93.3	152.8	85.0	0.0	0.0	37.5	93.3	1739.1	77.5	12.5	77.5	85.0	21.6
77.0	94.2	137.1	77.0	0.0	0.0	50.0	94.2	853.4	77.7	41.4	77.7	77.0	10.1
77.5	94.1	164.2	77.5	0.0	0.0	41.3	94.1	1555.5	92.9	16.3	92.9	77.5	8.0
90.3	92.8	160.7	90.3	0.0	0.0	38.0	92.8	2815.8	68.4	13.0	68.4	90.3	12.2
69.9	95.0	122.9	69.9	0.0	0.0	45.0	95.0	3164.2	39.2	20.0	39.2	69.9	47.3
63.7	95.8	141.5	63.7	0.0	0.0	50.0	95.8	1375.4	76	29.6	76.0	63.7	20.7
88.3	93.0	160.3	88.3	0.0	0.0	50.0	93.0	635.3	46.2	26.1	46.2	88.3	0.0
75.9	94.3	150.6	75.9	0.0	0.0	44.2	94.3	1606.8	95.6	19.2	95.6	75.9	19.0
88.9	92.9	144.0	88.9	0.0	0.0	50.0	92.9	1118.9	56.9	27.8	56.9	88.9	14.3
77.4	94.1	139.9	77.4	0.0	0.0	46.1	94.1	4513.4	69.9	21.1	69.9	77.4	27.5
44.1	99.0	183.2	44.1	0.0	0.0	49.6	99.0	630.8	34.2	24.6	34.2	44.1	-9.7
69.1	95.1	152.3	69.1	0.0	0.0	50.0	95.1	868.4	60.5	33.8	60.5	69.1	4.3
84.2	93.4	148.9	84.2	0.0	0.0	43.0	93.4	6487.9	58.7	18.0	58.7	84.2	20.2
69.4	95.1	163.8	69.4	0.0	0.0	26.5	95.1	5944.7	85.1	1.5	85.1	69.4	25.1
56.0	97.0	181.0	56.0	0.0	0.0	50.0	97.0	879.1	84.8	25.5	84.8	56.0	-12.4
18.9	106.4	161.6	18.9	0.0	0.0	50.0	106.4	444.5	57.7	32.3	57.7	18.9	18.9
53.8	97.3	156.3	53.8	0.0	0.0	40.3	97.3	2895.8	105.6	15.3	105.6	53.8	23.1
56.5	96.9	136.6	56.5	0.0	0.0	50.0	96.9	1165.3	75.5	25.9	75.5	56.5	31.5
88.1	93.0	143.9	88.1	0.0	0.0	43.5	93.0	5252.3	66.9	18.5	66.9	88.1	24.0
90.2	92.8	152.9	90.2	0.0	0.0	50.0	92.8	5781.0	71.5	53.7	71.5	90.2	-20.7
82.9	93.5	120.5	82.9	0.0	0.0	50.0	93.5	608.5	66.5	33.6	66.5	82.9	33.3
77.5	94.1	151.1	77.5	0.0	0.0	43.1	94.1	1890.8	67.5	18.1	67.5	77.5	19.3
54.7	97.2	154.9	54.7	0.0	0.0	40.5	97.2	2395.8	35	15.5	35.0	54.7	24.1
83.8	93.5	123.6	83.8	0.0	0.0	50.0	93.5	986.8	61.6	33.4	61.6	83.8	30.2
88.4	93.0	157.9	88.4	0.0	0.0	43.8	93.0	3294.8	64	18.8	64.0	88.4	9.6
71.5	94.8	162.9	71.5	0.0	0.0	50.0	94.8	18912.9	45.3	25.8	45.3	71.5	1.2
45.7	98.7	160.0	45.7	0.0	0.0	50.0	98.7	1637.9	61.6	34.6	61.6	45.7	2.9
55.9	97.0	174.1	55.9	0.0	0.0	50.0	97.0	8525.3	67.8	46.2	67.8	55.9	-26.3
75.8	94.3	141.9	75.8	0.0	0.0	50.0	94.3	5964.1	65.6	27.3	65.6	75.8	19.7
52.3	97.5	158.7	52.3	0.0	0.0	48.3	97.5	1754.7	56.8	23.3	56.8	52.3	13.2
168.4	87.2	152.7	168.4	0.0	0.0	50.0	87.2	1728.2	53.3	44.7	53.3	168.4	-22.3
50.5	103.6	137.8	50.5	0.0	0.0	50.0	103.6	865.8	74.6	49.7	74.6	50.5	19.8
31.4	107.8	172.0	31.4	0.0	0.0	50.0	107.8	981.0	93.5	46.4	93.5	31.4	-2.8
58.7	102.3	151.7	58.7	0.0	0.0	50.0	102.3	1547.5	69.3	35.0	69.3	58.7	18.0
84.0	95.4	174.1	84.0	0.0	0.0	50.0	95.4	538.7	60.1	43.4	60.1	84.0	-26.5
83.5	95.5	172.5	83.5	0.0	0.0	50.0	95.5	692.2	72.7	61.1	72.7	83.5	-42.5
34.9	103.1	177.4	34.9	0.0	0.0	50.0	103.1	1112.8	72.1	54.9	72.1	34.9	-26.3
64.2	97.8	161.5	64.2	0.0	0.0	50.0	97.8	2100.4	48.8	39.6	48.8	64.2	-5.4
158.8	89.9	123.5	158.8	0.0	0.0	50.0	89.9	10329.6	93.5	43.3	93.5	158.8	14.3
83.3	95.5	143.7	83.3	0.0	0.0	50.0	95.5	1045.2	75.6	52.1	75.6	83.3	-4.6
35.2	103.0	173.9	35.2	0.0	0.0	50.0	103.0	2508.4	57.3	36.6	57.3	35.2	-4.6
49.8	100.0	166.0	49.8	0.0	0.0	50.0	100.0	935.8	83.8	46.4	83.8	49.8	-12.4
64.8	97.7	162.9	64.8	0.0	0.0	50.0	97.7	2994.5	75.4	47.6	75.4	64.8	-15.0
73.8	96.5	155.9	73.8	0.0	0.0	50.0	96.5	971.8	38	51.0	38.0	73.8	-13.6

88.2	95.0	146.3	88.2	0.0	0.0	50.0	95.0	1037.2	40.3	42.1	40.3	88.2	1.9
26.0	105.6	200.6	26.0	0.0	0.0	50.0	105.6	1040.3	81.2	57.3	81.2	26.0	-47.5
45.3	100.8	167.0	45.3	0.0	0.0	50.0	100.8	1141.8	57.2	42.4	57.2	45.3	-7.8
84.1	95.4	144.7	84.1	0.0	0.0	49.7	95.4	3834.9	82.1	24.7	82.1	84.1	21.6
115.0	92.7	146.0	115.0	0.0	0.0	48.6	92.7	1344.5	125.5	23.6	125.5	115.0	16.2
87.7	95.0	130.7	87.7	0.0	0.0	50.0	95.0	1242.9	63.8	51.5	63.8	87.7	8.1
59.7	98.4	161.0	59.7	0.0	0.0	50.0	98.4	1416.7	39.4	48.6	39.4	59.7	-12.7
65.6	97.6	169.6	65.6	0.0	0.0	50.0	97.6	1757.6	47.6	27.8	47.6	65.6	-2.1
55.6	99.0	191.8	55.6	0.0	0.0	50.0	99.0	1076.1	55.5	51.2	55.5	55.6	-44.9
87.9	95.0	158.8	87.9	0.0	0.0	50.0	95.0	13408.8	53.1	44.3	53.1	87.9	-12.9
78.8	96.0	154.4	78.8	0.0	0.0	50.0	96.0	4066.3	62.3	33.6	62.3	78.8	4.2
87.4	95.1	138.7	87.4	0.0	0.0	50.0	95.1	4591.7	88	30.3	88.0	87.4	21.4
61.9	98.1	173.1	61.9	0.0	0.0	50.0	98.1	1004.6	66.6	69.4	66.6	61.9	-46.2
59.0	98.5	160.8	59.0	0.0	0.0	50.0	98.5	1638.4	44.9	42.9	44.9	59.0	-6.6
73.7	96.6	177.0	73.7	0.0	0.0	50.0	96.6	1146.9	50.8	58.2	50.8	73.7	-41.9
77.9	96.1	183.7	77.9	0.0	0.0	50.0	96.1	2025.9	82.3	41.0	82.3	77.9	-32.3
96.6	94.2	163.4	96.6	0.0	0.0	50.0	94.2	191.9	55.1	49.9	55.1	96.6	-24.7
64.3	97.7	162.6	64.3	0.0	0.0	50.0	97.7	1359.3	55.1	34.8	55.1	64.3	-1.8
83.7	95.5	133.8	83.7	0.0	0.0	50.0	95.5	2355.8	41.9	43.6	41.9	83.7	13.7
40.4	108.5	177.5	40.4	0.0	0.0	50.0	108.5	833.8	75.4	44.8	75.4	40.4	-5.3
39.3	108.7	162.9	39.3	0.0	0.0	50.0	108.7	648.6	55.1	47.5	55.1	39.3	7.1
79.4	102.6	129.1	79.4	0.0	0.0	50.0	102.6	1292.6	55.5	37.6	55.5	79.4	38.7
7.2	123.5	197.9	7.2	0.0	0.0	50.0	123.5	1042.7	63.7	60.2	63.7	7.2	-15.8
78.1	102.8	133.7	78.1	0.0	0.0	50.0	102.8	1564.8	117.4	44.2	117.4	78.1	27.8
40.0	108.6	180.8	40.0	0.0	0.0	50.0	108.6	596.8	59.2	63.3	59.2	40.0	-26.9
53.6	106.0	166.5	53.6	0.0	0.0	50.0	106.0	870.6	36.7	43.9	36.7	53.6	1.7
23.4	113.2	176.4	23.4	0.0	0.0	50.0	113.2	537.6	69.5	61.9	69.5	23.4	-11.8
45.6	107.4	157.2	45.6	0.0	0.0	50.0	107.4	876.6	93.9	42.7	93.9	45.6	15.0
26.9	112.0	182.6	26.9	0.0	0.0	50.0	112.0	1099.7	56.6	50.0	56.6	26.9	-8.6
15.3	116.9	205.5	15.3	0.0	0.0	50.0	116.9	787.0	82.2	52.0	82.2	15.3	-24.2
62.2	104.7	164.1	62.2	0.0	0.0	48.2	104.7	1922.0	65.8	23.2	65.8	62.2	22.2
52.2	106.3	153.3	52.2	0.0	0.0	50.0	106.3	866.6	20.4	49.5	20.4	52.2	9.9
37.6	109.1	173.1	37.6	0.0	0.0	50.0	109.1	982.7	35.18	41.6	35.2	37.6	3.5
38.7	108.9	161.0	38.7	0.0	0.0	50.0	108.9	2070.7	81.3	42.9	81.3	38.7	13.9
56.7	105.5	147.0	56.7	0.0	0.0	50.0	105.5	1920.9	73	32.9	73.0	56.7	31.2
41.0	108.4	168.5	41.0	0.0	0.0	50.0	108.4	988.1	38.1	53.7	38.1	41.0	-5.4
24.0	113.0	180.7	24.0	0.0	0.0	50.0	113.0	815.6	63.7	50.3	63.7	24.0	-4.9
6.8	124.0	185.0	6.8	0.0	0.0	50.0	124.0	735.3	63.3	56.0	63.3	6.8	1.7
39.0	108.8	175.6	39.0	0.0	0.0	50.0	108.8	5146.9	73.5	43.1	73.5	39.0	-1.1
27.3	111.9	188.9	27.3	0.0	0.0	50.0	111.9	2060.6	65.1	52.6	65.1	27.3	-17.6
70.6	103.6	161.4	70.6	0.0	0.0	50.0	103.6	865.1	119.2	43.5	119.2	70.6	2.5
46.1	107.3	135.8	46.1	0.0	0.0	50.0	107.3	590.6	73.1	46.4	73.1	46.1	32.5
74.2	103.2	133.5	74.2	0.0	0.0	50.0	103.2	700.8	77.1	53.5	77.1	74.2	19.5
61.3	104.9	184.7	61.3	0.0	0.0	50.0	104.9	708.8	91.7	43.3	91.7	61.3	-18.2
22.5	113.6	169.2	22.5	0.0	0.0	50.0	113.6	570.7	59.7	51.5	59.7	22.5	6.5
8.7	121.8	196.7	8.7	0.0	0.0	50.0	121.8	803.7	66.5	60.6	66.5	8.7	-17.0
30.5	110.9	182.1	30.5	0.0	0.0	50.0	110.9	552.8	56.5	51.5	56.5	30.5	-11.8
75.0	103.1	149.5	75.0	0.0	0.0	50.0	103.1	607.3	47.8	40.7	47.8	75.0	16.2
42.4	108.1	160.8	42.4	0.0	0.0	50.0	108.1	566.2	68.8	65.7	68.8	42.4	-10.3
38.4	108.9	164.5	38.4	0.0	0.0	50.0	108.9	970.7	61.7	43.8	61.7	38.4	9.5
36.7	109.3	165.3	36.7	0.0	0.0	50.0	109.3	1387.3	60.2	36.3	60.2	36.7	17.0
62.6	104.7	190.6	62.6	0.0	0.0	48.8	104.7	1244.6	58.7	23.8	58.7	62.6	-4.9
45.5	107.5	176.6	45.5	0.0	0.0	50.0	107.5	928.2	50.7	47.9	50.7	45.5	-9.5

37.0	109.2	171.4	37.0	0.0	0.0	50.0	109.2	607.2	61.5	75.6	61.5	37.0	-28.6
45.1	107.5	170.4	45.1	0.0	0.0	50.0	107.5	6253.7	26	46.2	26.0	45.1	-1.6
22.3	113.6	174.6	22.3	0.0	0.0	50.0	113.6	1577.0	34.9	50.9	34.9	22.3	1.8
75.5	103.1	139.0	75.5	0.0	0.0	50.0	103.1	579.2	36.2	39.2	36.2	75.5	28.1
29.6	111.2	168.3	29.6	0.0	0.0	50.0	111.2	1053.7	64.5	58.3	64.5	29.6	-4.2
68.8	103.9	139.4	68.8	0.0	0.0	47.0	103.9	4663.4	49.8	22.0	49.8	68.8	46.5
45.7	107.4	161.8	45.7	0.0	0.0	50.0	107.4	585.7	35.6	28.1	35.6	45.7	25.0
64.2	104.5	178.1	64.2	0.0	0.0	50.0	104.5	846.6	80.1	35.7	80.1	64.2	-4.7
16.4	116.3	187.4	16.4	0.0	0.0	50.0	116.3	489.8	23.7	58.9	23.7	16.4	-14.1
55.1	105.8	144.3	55.1	0.0	0.0	50.0	105.8	648.2	38.9	37.8	38.9	55.1	29.6
69.5	103.8	158.2	69.5	0.0	0.0	50.0	103.8	4268.2	53.2	33.2	53.2	69.5	16.3
33.2	110.2	171.7	33.2	0.0	0.0	50.0	110.2	1031.7	28.5	51.5	28.5	33.2	-2.8
18.3	115.4	187.1	18.3	0.0	0.0	50.0	115.4	992.1	47.6	48.4	47.6	18.3	-4.9
18.7	115.2	188.3	18.7	0.0	0.0	50.0	115.2	803.2	43.9	57.4	43.9	18.7	-15.5
35.8		185.5	35.8	0.0			95.8	22958.7				35.8	-10.3
55.4		165.7	55.4	0.0			92.0	55272.0				55.4	-3.6
47.4		180.2	47.4	0.0			93.4	47351.5				47.4	-15.4
26.4		193.0	26.4	0.0			98.5	26368.0				26.4	-16.0
21.9		185.5	21.9	0.0			100.1	21871.6				21.9	2.2
70.5		164.1	70.5	0.0			90.0	70511.4				70.5	-6.1
32.9		183.3	32.9				96.6	32898.6				32.9	-12.1
23.0		192.2	23.0				99.7	23016.1				23.0	-3.8
123.3		146.2	123.3				85.1	123334.7				123.3	2.3
54.7		167.5	54.7				92.2	54656.5				54.7	-5.1
50.1		165.9	50.1				92.9	50079.4				50.1	-2.0
37.3		173.7	37.3				95.5	37334.1				37.3	-4.7
38.8		180.1	38.8				95.1	38807.7				38.8	-11.8
86.5		156.7	86.5				88.2	86492.9				86.5	-2.2
46.2		173.0	46.2				93.6	46245.3				46.2	-7.8
45.7		174.0	45.7				93.7	45659.6				45.7	-8.5
56.0		169.4	56.0				92.0	56000.6				56.0	-7.4
61.6		160.6	61.6				91.1	61598.7				61.6	-0.3
71.6		156.5	71.6				89.8	71567.6				71.6	1.2
48.2		173.3	48.2				93.3	48247.3				48.2	-8.7
37.7		179.6	37.7				95.4	37737.3				37.7	-10.8
44.3		177.6	44.3				94.0	44341.0				44.3	-11.6
66.3		163.8	66.3				90.5	66258.6				66.3	-4.7
29.5		188.6	29.5				97.5	29477.3				29.5	-15.6
37.0		184.4	37.0				95.6	37023.4				37.0	-15.2
41.7		185.3	41.7				94.5	41740.0				41.7	-15.5
34.4		189.3	34.4				96.2	34447.0				34.4	-15.3
67.7		163.0	67.7				90.3	67730.9				67.7	-4.3
35.0		172.5	35.0				96.0	35026.4				35.0	-1.6
14.8		196.9	14.8				103.5	14779.8				14.8	1.6
49.4		163.3	49.4				93.0	49427.5				49.4	0.8
53.7		168.1	53.7				92.3	53733.3				53.7	-5.4
66.9		164.2	66.9				90.4	66888.7				66.9	-5.3
25.6		169.2	25.6				98.8	25572.0				25.6	6.5
72.6		136.3	72.6				89.7	72582.3				72.6	21.2
45.8		170.8	45.8				93.7	45766.0				45.8	-5.4
103.2		146.5	103.2				86.6	103227.2				103.2	4.9
51.5		169.2	51.5				92.7	51508.0				51.5	-5.8
38.3		185.7	38.3				95.3	38266.5				38.3	-15.5

4.0	167.6	4.0	114.9	3958.6	4.0	54.8
97.5	157.9	97.5	87.1	97483.5	97.5	-5.5
50.9	175.2	50.9	92.8	50855.0	50.9	-11.6
51.0	171.2	51.0	92.8	50973.8	51.0	-7.6
67.7	162.4	67.7	90.3	67655.8	67.7	-3.7
36.5	182.2	36.5	95.7	36522.4	36.5	-12.8
111.0	146.7	111.0	86.0	110956.3	111.0	3.6
45.8	170.8	45.8	93.7	45766.0	45.8	-5.4
70.1	159.3	70.1	90.0	70148.1	70.1	-1.2
44.3	177.1	44.3	94.0	44300.9	44.3	-11.1
48.9	170.1	48.9	93.1	48940.4	48.9	-5.8
19.5	194.9	19.5	101.1	19525.4	19.5	-3.7
27.2	191.4	27.2	98.2	27162.5	27.2	-12.6
40.0	173.0	40.0	94.9	39961.6	40.0	-5.2
23.1	180.1	23.1	99.6	23071.9	23.1	-2.8
17.0	187.7	17.0	102.3	16956.4	17.0	-5.1
38.0	168.9	38.0	95.3	38022.8	38.0	-0.2
40.7	161.3	40.7	94.7	40682.7	40.7	6.2
20.4	177.0	20.4	100.7	20424.6	20.4	2.4
29.0	175.1	29.0	97.7	29042.4	29.0	-1.7
12.7	192.5	12.7	104.8	12742.4	12.7	-4.9
36.2	172.0	36.2	95.7	36184.6	36.2	-2.5
30.3	174.0	30.3	97.3	30322.3	30.3	-1.4
10.0	206.6	10.0	106.9	9966.2	10.0	-12.7
3.6	207.1	3.6	115.8	3634.6	3.6	17.8
36.0	167.7	36.0	95.8	35958.9	36.0	1.9
20.0	181.8	20.0	100.9	19975.7	20.0	-2.0
9.8	203.9	9.8	107.1	9753.3	9.8	-9.3
16.5	189.9	16.5	102.6	16492.8	16.5	-6.7
55.5	155.6	55.5	92.0	55491.6	55.5	6.6
12.3	198.6	12.3	105.1	12328.8	12.3	-10.4
11.3	193.8	11.3	105.9	11297.2	11.3	-1.1
20.0	178.4	20.0	100.9	19971.2	20.0	1.4
28.3	178.5	28.3	97.9	28296.2	28.3	-4.7
18.1	191.5	18.1	101.8	18080.8	18.1	-9.9
46.8	162.0	46.8	93.5	46798.5	46.8	3.1
17.8	187.8	17.8	101.9	17763.1	17.8	-6.0
3.4	223.3	3.4	116.3	3377.3	3.4	2.7
19.5	183.2	19.5	101.1	19483.7	19.5	-3.0
21.1	181.2	21.1	100.4	21119.4	21.1	-2.4
21.8	171.2	21.8	100.2	21758.5	21.8	7.2
43.8	164.1	43.8	94.1	43829.6	43.8	2.2
22.5	181.1	22.5	99.9	22475.1	22.5	-3.3
36.7	169.9	36.7	95.6	36663.0	36.7	-0.6
2.0	214.8	2.0	120.9	1970.6	2.0	18.5
7.7	196.4	7.7	109.2	7672.6	7.7	6.4
17.2	190.9	17.2	102.2	17170.3	17.2	-8.5
14.6	173.9	14.6	103.6	14610.6	14.6	11.3
14.0	192.8	14.0	104.0	14041.7	14.0	-6.4
11.3	190.5	11.3	105.9	11268.7	11.3	1.2
5.0	211.1	5.0	112.9	5017.6	5.0	8.4
20.1	183.4	20.1	100.9	20089.6	20.1	-3.6
22.2	180.2	22.2	100.0	22179.2	22.2	-2.2

18.0	179.2	18.0	101.8	18034.2	18.0	2.4
2.4	230.3	2.4	119.3	2442.7	2.4	0.8
26.5	172.5	26.5	98.5	26507.3	26.5	2.5
24.3	182.5	24.3	99.2	24302.5	24.3	-6.1
22.7	193.6	22.7	99.8	22745.8	22.7	-16.0
16.3	191.7	16.3	102.7	16300.4	16.3	-8.3
42.0	165.9	42.0	94.5	41994.2	42.0	1.1
17.1	189.6	17.1	102.3	17075.8	17.1	-7.0
17.9	187.7	17.9	101.9	17854.5	17.9	-5.9
29.7	179.0	29.7	97.5	29661.2	29.7	-6.0
44.4	164.7	44.4	94.0	44380.6	44.4	1.3
17.5	187.8	17.5	102.1	17508.8	17.5	-5.6
35.7	168.9	35.7	95.9	35651.6	35.7	0.9
15.6	191.0	15.6	103.1	15632.1	15.6	-6.9
18.3	187.8	18.3	101.7	18344.4	18.3	-6.4
10.7	204.6	10.7	106.3	10744.0	10.7	-13.3
4.5	218.4	4.5	113.9	4541.3	4.5	2.9
11.3	192.6	11.3	105.9	11290.8	11.3	-1.6
16.0	195.7	16.0	102.8	16005.2	16.0	-12.1
37.6	170.0	37.6	95.4	37598.7	37.6	-1.1
3.3	213.6	3.3	116.5	3319.7	3.3	12.7
6.0	214.4	6.0	111.4	5991.3	6.0	2.5
1.6	233.0	1.6	122.8	1605.2	1.6	2.4
20.0	181.8	20.0	100.9	19975.7	20.0	-2.0
30.3	169.0	30.3	97.3	30255.1	30.3	3.6
16.7	192.1	16.7	102.5	16680.9	16.7	-9.1
10.9	203.9	10.9	106.2	10945.5	10.9	-12.0
18.4	187.4	18.4	101.6	18425.2	18.4	-6.2
35.1	172.1	35.1	96.0	35115.6	35.1	-2.1
29.3	175.0	29.3	97.6	29319.4	29.3	-1.8
29.6	175.1	29.6	97.5	29560.2	29.6	-2.1
47.5	158.9	47.5	93.4	47486.0	47.5	6.0
34.7	171.2	34.7	96.1	34731.9	34.7	-0.9
22.3	181.4	22.3	100.0	22301.9	22.3	-3.4
49.8	160.9	49.8	93.0	49809.8	49.8	3.2
25.2	174.7	25.2	98.9	25161.2	25.2	1.1
19.0	187.2	19.0	101.3	18993.7	19.0	-6.5
35.3	176.1	35.3	96.0	35311.4	35.3	-6.1
10.4	194.2	10.4	106.6	10416.4	10.4	-2.7
8.0	215.0	8.0	108.9	8002.3	8.0	-11.9
49.6	165.8	49.6	93.0	49585.3	49.6	-1.7
25.9	176.8	25.9	98.7	25946.6	25.9	-1.4
39.2	168.6	39.2	95.1	39156.3	39.2	-0.4
3.3	226.2	3.3	116.5	3307.7	3.3	0.1
29.1	179.7	29.1	97.6	29059.7	29.1	-6.4
11.6	197.6	11.6	105.6	11572.3	11.6	-6.8
19.2	188.5	19.2	101.3	19211.4	19.2	-7.9
6.0	206.8	6.0	111.4	5992.2	6.0	10.1
24.3	182.5	24.3	99.2	24302.5	24.3	-6.1
21.8	171.2	21.8	100.2	21758.5	21.8	7.2
12.6	196.8	12.6	104.9	12579.2	12.6	-8.1
2.7	233.7	2.7	118.3	2691.8	2.7	-4.1
3.2	227.3	3.2	116.8	3211.4	3.2	-0.6

17.6	184.9	17.6	102.0	17550.9	17.6	-2.9
14.4	194.8	14.4	103.8	14449.4	14.4	-9.3
8.6	193.1	8.6	108.2	8618.3	8.6	3.3
7.4	219.7	7.4	109.5	7363.6	7.4	-14.4
45.7	161.4	45.7	93.7	45692.4	45.7	4.1
21.8	171.2	21.8	100.2	21758.5	21.8	7.2
36.0	169.7	36.0	95.8	35965.8	36.0	-0.1
15.5	176.2	15.5	93.1	15512.8	15.5	-8.4
4.5	176.0	4.5	103.9	4491.7	4.5	19.9
13.4	166.4	13.4	94.4	13426.0	13.4	5.5
15.6	182.5	15.6	93.1	15591.6	15.6	-14.6
13.1	174.1	13.1	94.6	13105.6	13.1	-1.8
15.8	170.2	15.8	92.9	15810.8	15.8	-2.8
15.0	171.8	15.0	93.4	14988.8	15.0	-2.7
14.2	164.8	14.2	93.9	14246.0	14.2	5.6
45.0	156.9	45.0	83.9	44961.4	45.0	-17.1
47.3	152.2	47.3	83.4	47271.2	47.3	-13.4
45.9	154.1	45.9	83.7	45899.2	45.9	-14.7
47.1	150.7	47.1	83.5	47109.2	47.1	-11.7
46.6	144.3	46.6	83.6	46585.3	46.6	-5.1
46.3	145.7	46.3	83.6	46294.1	46.3	-6.5
3.9	210.3	3.9	105.1	3898.8	3.9	-12.2
3.0	209.9	3.0	107.4	3049.3	3.0	-8.2
14.6	201.6	14.6	93.6	14603.8	14.6	-32.1
12.8	209.6	12.8	94.8	12763.7	12.8	-36.6
4.0	207.7	4.0	104.9	4012.0	4.0	-10.0
17.3	176.2	17.3	92.2	17273.3	17.3	-16.5
15.8	177.7	15.8	92.9	15767.2	15.8	-10.3
14.0	171.9	14.0	94.0	14034.3	14.0	-1.4
12.5	173.4	12.5	95.0	12520.4	12.5	-0.2
17.7	177.8	17.7	92.0	17720.0	17.7	-15.3
11.3	170.6	11.3	95.9	11319.0	11.3	4.9
14.5	169.5	14.5	93.7	14461.5	14.5	0.1
3.3	32.9	3.3	106.5	3300.0	3.3	20.4
15.8	2.7	15.8	92.9	15827.0	15.8	-15.2
17.9	6.6	17.9	91.9	17891.2	17.9	-19.7
16.2	17.7	16.2	92.7	16174.2	16.2	-1.0
14.9	36.6	14.9	93.5	14858.5	14.9	18.9
14.0	17.7	14.0	94.0	13999.7	14.0	0.5
11.6	11.0	11.6	95.6	11648.8	11.6	-5.0
18.3	6.1	18.3	91.7	18329.2	18.3	-20.7
16.7	8.2	16.7	92.5	16741.8	16.7	-14.0
12.2	18.6	12.2	95.2	12222.6	12.2	2.1
13.8	18.6	13.8	94.1	13830.1	13.8	1.3
15.5	8.1	15.5	93.1	15453.2	15.5	-9.8
19.1	6.8	19.1	91.3	19149.1	19.1	-20.7
17.4	18.9	17.4	92.1	17363.9	17.4	-2.6
16.0	20.2	16.0	92.8	16025.4	16.0	2.2
14.6	26.8	14.6	93.6	14602.8	14.6	9.5
11.1	15.0	11.1	96.0	11099.6	11.1	-1.0
43.4	15.1	43.4	84.2	43379.9	43.4	-12.9
44.9	17.5	44.9	83.9	44899.6	44.9	-10.5
44.0	13.9	44.0	84.1	43950.9	44.0	-14.1

42.7	31.2	42.7	84.3	42717.0	42.7	3.2
41.5	18.7	41.5	84.6	41476.2	41.5	-9.3
46.0	13.9	46.0	83.7	45972.8	46.0	-14.1
45.0	12.4	45.0	83.9	44986.0	45.0	-15.6
43.8	14.1	43.8	84.1	43795.7	43.8	-13.9
42.9	11.6	42.9	84.3	42873.4	42.9	-16.4
48.2	27.4	48.2	83.3	48220.8	48.2	-0.6
46.9	11.2	46.9	83.5	46862.2	46.9	-16.8
46.1	20.1	46.1	83.6	46090.4	46.1	-7.8
49.5	19.9	49.5	83.0	49543.1	49.5	-8.1
47.9	17.1	47.9	83.3	47911.0	47.9	-10.9
47.5	24.2	47.5	83.4	47478.7	47.5	-3.8
45.9	15.4	45.9	83.7	45850.1	45.9	-12.6
45.4	10.7	45.4	83.8	45369.4	45.4	-17.3
51.0	23.1	51.0	82.8	50976.8	51.0	-4.9
49.2	21.4	49.2	83.1	49166.9	49.2	-6.6
48.1	24.4	48.1	83.3	48106.1	48.1	-3.6
46.1	11.5	46.1	83.6	46121.3	46.1	-16.4
47.1	17.8	47.1	83.5	47064.3	47.1	-10.2
15.1	4.7	15.1	93.3	15067.3	15.1	-12.7
20.9	27.3	20.9	90.5	20875.5	20.9	4.2
25.7	32.4	25.7	88.7	25718.0	25.7	9.4
30.4	32.1	30.4	87.3	30360.5	30.4	4.1
44.4	40.8	44.4	84.0	44353.2	44.4	12.8
53.6	2.2	53.6	82.3	53640.0	53.6	-25.7
59.4	2.8	59.4	81.4	59350.8	59.4	-25.1
16.5	14.5	16.5	92.6	16513.8	16.5	-6.7
40.5	25.0	40.5	84.8	40512.6	40.5	-3.0
21.0	32.6	21.0	90.5	21021.4	21.0	9.4
45.1	23.8	45.1	83.8	45146.3	45.1	-4.2
78.8	5.1	78.8	79.0	78806.5	78.8	-22.8
83.4	13.1	83.4	78.5	83369.0	83.4	-14.8
17.1	4.3	17.1	92.3	17051.6	17.1	-15.2
23.9	33.2	23.9	89.4	23876.8	23.9	5.8
30.6	27.1	30.6	87.2	30557.1	30.6	-0.9
35.4	32.5	35.4	85.9	35389.5	35.4	7.6
41.6	20.2	41.6	84.5	41574.9	41.6	-7.7
51.2	33.9	51.2	82.7	51232.4	51.2	6.0
65.9	1.8	65.9	80.5	65864.3	65.9	-26.1
69.3	2.3	69.3	80.1	69250.5	69.3	-25.6
79.9	13.3	79.9	78.9	79942.6	79.9	-14.6
16.3	10.6	16.3	92.7	16290.8	16.3	-8.2
21.5	29.3	21.5	90.3	21484.6	21.5	1.3
25.8	24.7	25.8	88.7	25833.5	25.8	0.9
30.7	28.0	30.7	87.2	30738.3	30.7	0.0
35.3	28.6	35.3	86.0	35281.1	35.3	0.6
40.3	30.4	40.3	84.8	40344.2	40.3	2.4
45.8	33.4	45.8	83.7	45810.5	45.8	5.4
50.0	39.6	50.0	82.9	49950.7	50.0	11.7
55.3	7.9	55.3	82.1	55279.8	55.3	-20.1
60.4	3.7	60.4	81.3	60431.5	60.4	-24.3
64.9	7.3	64.9	80.7	64868.8	64.9	-20.7
16.5	18.5	16.5	92.6	16543.8	16.5	-5.3

21.0	57.0	21.0	90.5	20971.3	21.0	36.1
25.1	42.3	25.1	88.9	25073.5	25.1	15.4
30.9	36.4	30.9	87.1	30889.5	30.9	8.8
35.4	30.9	35.4	85.9	35398.6	35.4	2.9
46.1	28.5	46.1	83.6	46142.9	46.1	0.5
49.2	36.3	49.2	83.1	49166.1	49.2	8.3
54.0	-0.2	54.0	82.3	54004.8	54.0	-28.2
64.5	12.3	64.5	80.7	64540.0	64.5	-15.6
80.1	12.5	80.1	78.8	80145.4	80.1	-15.4
16.4	6.6	16.4	92.6	16434.3	16.4	-11.9
20.8	30.0	20.8	90.6	20819.6	20.8	5.9
24.8	28.5	24.8	89.0	24828.8	24.8	0.5
30.4	38.1	30.4	87.3	30351.7	30.4	10.1
40.2	32.3	40.2	84.8	40188.4	40.2	4.3
49.1	35.1	49.1	83.1	49118.2	49.1	7.1
54.3	0.8	54.3	82.2	54261.5	54.3	-27.1
59.4	8.8	59.4	81.4	59407.2	59.4	-19.1
11.0	29.6	11.0	96.1	11005.2	11.0	13.8
15.4	9.4	15.4	93.2	15426.5	15.4	-9.6
45.4	25.4	45.4	83.8	45392.9	45.4	-2.6
49.9	26.1	49.9	83.0	49930.5	49.9	-1.9
54.5	7.8	54.5	82.2	54530.9	54.5	-20.2
68.9	10.5	68.9	80.2	68875.7	68.9	-17.5
15.8	13.5	15.8	92.9	15795.3	15.8	-5.3
20.2	44.0	20.2	90.8	20234.8	20.2	16.0
25.7	30.0	25.7	88.7	25691.1	25.7	2.0
30.9	29.9	30.9	87.1	30880.8	30.9	1.9
35.0	32.1	35.0	86.0	35033.4	35.0	4.1
40.1	23.7	40.1	84.9	40105.0	40.1	-4.3
43.9	37.5	43.9	84.1	43891.0	43.9	9.5
50.3	35.7	50.3	82.9	50317.9	50.3	7.7
54.1	1.4	54.1	82.3	54133.4	54.1	-26.6
69.2	19.4	69.2	80.1	69238.9	69.2	-8.5
79.9	9.0	79.9	78.9	79891.1	79.9	-19.0
24.9	9.4	24.9	104.0	24896.7	24.9	-12.6
19.5	8.7	19.5	106.1	19457.1	19.5	-13.3
34.9	15.9	34.9	101.1	34902.8	34.9	-6.1
37.6	19.4	37.6	100.4	37649.3	37.6	-2.5
17.7	25.4	17.7	107.0	17690.1	17.7	4.4
26.2	13.7	26.2	103.6	26237.4	26.2	-8.3
10.9	24.8	10.9	111.2	10850.5	10.9	11.2
38.5	11.4	38.5	100.2	38537.7	38.5	-10.5
32.3	15.4	32.3	101.7	32287.7	32.3	-6.5
6.9	4.3	6.9	115.1	6850.2	6.9	-4.6
6.7	13.8	6.7	115.4	6658.9	6.7	4.2
32.9	16.0	32.9	101.6	32925.9	32.9	-6.0
22.9	14.6	22.9	104.7	22852.4	22.9	-7.4
8.2	5.8	8.2	113.6	8179.8	8.2	-5.3
19.0	10.0	19.0	106.3	18993.9	19.0	-12.1
52.4	22.6	52.4	97.5	52447.3	52.4	0.8
14.9	5.2	14.9	108.5	14897.4	14.9	-11.9
14.3	6.8	14.3	108.8	14333.7	14.3	-8.8
22.2	9.9	22.2	105.0	22237.0	22.2	-12.1

25.3	13.2	25.3	103.9	25334.9	25.3	-8.9
15.4	8.8	15.4	108.2	15360.7	15.4	-9.7
43.7	18.5	43.7	99.1	43676.4	43.7	-3.4
14.7	31.3	14.7	108.6	14738.2	14.7	10.3
5.6	4.1	5.6	117.0	5566.4	5.6	-6.2
17.9	11.2	17.9	106.9	17901.0	17.9	-7.1
24.0	11.1	24.0	104.3	24004.3	24.0	-10.9
24.8	22.5	24.8	104.0	24795.6	24.8	0.5
40.8	26.4	40.8	99.7	40787.9	40.8	4.5
25.4	11.0	25.4	103.8	25354.8	25.4	-11.0
33.6	17.3	33.6	101.4	33631.5	33.6	-4.7
1.8	23.0	1.8	126.8	1786.9	1.8	5.2
6.6	8.4	6.6	115.5	6550.1	6.6	-0.9
18.7	12.8	18.7	106.5	18664.3	18.7	-9.3
14.7	32.0	14.7	108.6	14652.6	14.7	14.5
13.4	7.9	13.4	109.4	13418.2	13.4	-8.2
9.4	23.0	9.4	112.5	9374.1	9.4	11.3
8.0	5.3	8.0	113.9	8049.6	8.0	-4.9
17.3	10.6	17.3	107.2	17285.0	17.3	-11.6
19.1	18.3	19.1	106.3	19060.5	19.1	-3.8
21.1	22.9	21.1	105.4	21065.1	21.1	0.9
5.2	6.9	5.2	117.6	5167.2	5.2	-4.7
23.7	13.8	23.7	104.4	23688.9	23.7	-8.2
27.1	9.9	27.1	103.3	27108.0	27.1	-12.1
23.1	2.3	23.1	104.6	23065.5	23.1	-19.7
14.1	9.4	14.1	108.9	14102.6	14.1	-5.4
39.0	15.5	39.0	100.1	38963.8	39.0	-6.4
19.4	9.7	19.4	106.2	19358.2	19.4	-11.2
15.3	6.4	15.3	108.2	15291.9	15.3	-10.4
26.9	40.0	26.9	103.3	26861.5	26.9	18.1
41.5	17.5	41.5	99.6	41508.3	41.5	-4.5
15.2	18.8	15.2	108.3	15229.0	15.2	1.2
38.5	16.4	38.5	100.2	38524.3	38.5	-5.5
12.8	7.0	12.8	109.8	12836.9	12.8	-8.5
15.8	10.0	15.8	107.9	15844.9	15.8	-11.0
7.9	4.0	7.9	114.0	7859.2	7.9	-4.3
5.2	6.6	5.2	117.6	5182.0	5.2	-4.6
9.7	35.5	9.7	112.2	9709.6	9.7	18.1
19.0	30.3	19.0	106.3	18969.8	19.0	8.2
34.5	24.0	34.5	101.2	34479.9	34.5	2.0
6.4	3.2	6.4	115.8	6356.6	6.4	-6.4
5.2	8.8	5.2	117.6	5249.6	5.2	-2.5
4.5	10.9	4.5	118.9	4463.0	4.5	-2.9
22.9	14.6	22.9	104.7	22852.4	22.9	-7.4
33.2	22.0	33.2	101.5	33207.1	33.2	0.0
13.9	11.0	13.9	109.1	13874.1	13.9	-5.8
10.8	5.5	10.8	111.2	10800.4	10.8	-7.2
15.8	14.5	15.8	107.9	15849.3	15.8	-4.5
32.1	14.7	32.1	101.8	32085.3	32.1	-7.3
26.3	10.4	26.3	103.5	26282.6	26.3	-11.6
32.1	14.6	32.1	101.8	32132.4	32.1	-7.4
44.4	17.3	44.4	99.0	44446.7	44.4	-4.6
31.6	14.5	31.6	101.9	31613.2	31.6	-7.4

24.0	16.8	24.0	104.3	23971.8	24.0	-5.2
46.9	16.0	46.9	98.5	46860.2	46.9	-5.9
27.4	14.8	27.4	103.2	27374.0	27.4	-7.2
16.1	8.2	16.1	107.8	16116.5	16.1	-10.4
38.2	-6.9	38.2	100.3	38186.6	38.2	-28.9
9.1	15.3	9.1	112.7	9078.6	9.1	3.1
5.0	7.6	5.0	117.9	4976.2	5.0	-4.4
46.5	15.4	46.5	98.6	46549.9	46.5	-6.5
23.4	30.4	23.4	104.5	23441.3	23.4	8.4
36.1	16.1	36.1	100.8	36118.6	36.1	-5.9
4.6	9.0	4.6	118.7	4626.6	4.6	-4.4
26.2	15.1	26.2	103.6	26175.9	26.2	-6.9
14.0	8.9	14.0	109.0	13993.7	14.0	-6.4
16.5	11.7	16.5	107.6	16482.1	16.5	-7.2
3.8	17.9	3.8	120.3	3849.1	3.8	3.4
27.1	9.9	27.1	103.3	27108.0	27.1	-12.1
24.8	22.5	24.8	104.0	24795.6	24.8	0.5
10.5	8.9	10.5	111.5	10526.3	10.5	-2.7
3.0	24.1	3.0	122.4	3040.2	3.0	10.0
3.7	18.9	3.7	120.6	3665.0	3.7	4.6
18.0	23.2	18.0	106.8	17958.3	18.0	1.1
12.0	15.2	12.0	110.3	11991.0	12.0	-1.0
11.3	15.5	11.3	110.9	11341.5	11.3	2.2
4.7	9.2	4.7	118.5	4714.2	4.7	-3.8
42.7	15.6	42.7	99.3	42740.5	42.7	-6.3
24.8	22.5	24.8	104.0	24795.6	24.8	0.5
33.1	14.1	33.1	101.5	33098.3	33.1	-7.8
3.3	48.0	3.3	121.5	3331.2	3.3	33.9
32.1	26.9	32.1	101.8	32135.2	32.1	4.9
11.9	10.9	11.9	110.4	11873.7	11.9	-4.5
3.7	33.5	3.7	120.6	3674.4	3.7	22.4
10.3	25.6	10.3	111.7	10256.3	10.3	11.3
4.0	38.7	4.0	119.9	4024.2	4.0	27.5
7.4	26.0	7.4	114.5	7420.5	7.4	15.6
20.9	20.0	20.9	105.5	20907.7	20.9	-0.7
9.3	35.5	9.3	112.5	9318.6	9.3	22.0
8.9	46.1	8.9	112.9	8873.9	8.9	35.2
4.0	20.2	4.0	119.9	4001.9	4.0	8.5
5.7	38.5	5.7	116.8	5663.0	5.7	31.0
19.3	31.6	19.3	106.2	19279.2	19.3	11.5
38.6	9.9	38.6	100.2	38562.4	38.6	-8.0
50.2	9.7	50.2	97.9	50208.2	50.2	-12.3
53.4	10.5	53.4	97.4	53431.2	53.4	-11.5
58.7	13.1	58.7	96.5	58666.3	58.7	-8.8
77.0	23.4	77.0	94.2	77039.8	77.0	1.6
26.0	37.3	26.0	103.6	25967.1	26.0	24.0
107.4	14.3	107.4	91.3	107393.5	107.4	-7.3
69.7	4.6	69.7	95.1	69689.3	69.7	-17.3
32.9	40.2	32.9	101.6	32856.3	32.9	24.1
59.1	2.3	59.1	96.5	59093.2	59.1	-19.6
94.4	30.5	94.4	92.4	94420.9	94.4	8.8
32.0	36.1	32.0	101.8	32020.0	32.0	19.3
83.8	23.0	83.8	93.5	83793.6	83.8	1.2

99.2	23.3	99.2	92.0	99175.1	99.2	1.5
106.7	12.1	106.7	91.4	106732.0	106.7	-9.7
49.6	27.2	49.6	98.0	49625.8	49.6	5.2
29.3	14.9	29.3	102.6	29304.7	29.3	-0.5
84.3	9.2	84.3	93.4	84305.7	84.3	-12.6
51.0	22.4	51.0	97.8	50981.5	51.0	0.3
55.9	16.5	55.9	97.0	55862.9	55.9	-5.5
85.0	25.8	85.0	93.3	85000.6	85.0	4.1
69.5	23.0	69.5	95.1	69459.9	69.5	1.1
25.0	43.9	25.0	104.0	24984.0	25.0	29.5
81.5	14.9	81.5	93.7	81479.0	81.5	-6.9
40.4	19.8	40.4	99.8	40382.2	40.4	0.5
58.8	7.8	58.8	96.5	58753.4	58.8	-14.1
59.1	13.2	59.1	96.5	59131.7	59.1	-8.7
42.5	33.4	42.5	99.3	42455.6	42.5	14.7
61.9	30.8	61.9	96.1	61948.8	61.9	8.9
60.1	9.2	60.1	96.3	60142.2	60.1	-12.7
102.1	7.6	102.1	91.7	102073.8	102.1	-14.1
22.5	28.8	22.5	104.9	22534.3	22.5	14.9
26.6	35.2	26.6	103.4	26595.5	26.6	21.1
30.8	19.6	30.8	102.1	30764.8	30.8	5.4
61.9	19.3	61.9	96.1	61948.8	61.9	-2.6
61.7	14.2	61.7	96.1	61744.2	61.7	-7.7
63.6	12.2	63.6	95.8	63637.8	63.6	-9.7
72.7	31.6	72.7	94.7	72747.8	72.7	9.7
71.9	35.0	71.9	94.8	71870.2	71.9	13.1
61.7	33.5	61.7	96.1	61714.2	61.7	11.6
60.1	31.7	60.1	96.3	60109.5	60.1	9.8
84.9	-4.1	84.9	93.3	84929.4	84.9	-25.9
75.7	1.8	75.7	94.3	75710.1	75.7	-20.0
31.5	34.4	31.5	102.0	31547.6	31.5	18.7
39.0	21.7	39.0	100.1	38951.0	39.0	2.1
104.3	30.7	104.3	91.6	104295.1	104.3	9.0
55.7	21.1	55.7	97.0	55656.0	55.7	-0.9
36.4	44.0	36.4	100.7	36449.4	36.4	27.1
32.0	26.1	32.0	101.8	32020.0	32.0	9.3
87.4	26.7	87.4	93.1	87419.7	87.4	4.9
25.4	46.1	25.4	103.8	25368.8	25.4	32.2
44.2	45.1	44.2	99.0	44187.6	44.2	25.1
28.3	17.7	28.3	102.9	28300.8	28.3	2.5
58.1	-0.1	58.1	96.6	58137.0	58.1	-22.0
50.6	33.0	50.6	97.8	50637.0	50.6	11.0
56.6	16.2	56.6	96.9	56597.0	56.6	-5.8
53.5	29.1	53.5	97.3	53480.0	53.5	7.2
27.4	32.2	27.4	103.2	27366.3	27.4	18.4
59.1	26.8	59.1	96.5	59134.5	59.1	4.8
30.7	40.9	30.7	102.2	30674.7	30.7	24.3
77.0	25.9	77.0	94.2	76986.3	77.0	4.1
87.4	19.9	87.4	93.1	87370.4	87.4	-1.9
78.0	28.2	78.0	94.1	77983.1	78.0	6.3
11.8	33.4	11.8	110.5	11831.6	11.8	27.0
63.2	29.4	63.2	95.9	63170.2	63.2	7.5
50.6	16.6	50.6	97.8	50637.0	50.6	-5.4

82.3	24.6	82.3	93.6	82326.6	82.3	2.8
18.1	49.9	18.1	106.8	18135.8	18.1	39.6
107.2	28.5	107.2	91.3	107176.9	107.2	6.9
77.0	24.3	77.0	94.2	76986.3	77.0	2.5
94.4	30.8	94.4	92.4	94420.9	94.4	9.1
33.4	18.7	33.4	101.4	33442.9	33.4	-3.2
35.4	28.3	35.4	100.9	35435.5	35.4	6.4
78.6	25.8	78.6	94.0	78624.9	78.6	4.1
5.9	3.0	5.9	116.5	5902.8	5.9	-5.9
21.2	21.9	21.2	105.4	21221.3	21.2	5.1
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
17.9	6.7	17.9	106.9	17910.1	17.9	-9.8
45.4	35.9	45.4	98.8	45444.9	45.4	13.9
24.3	27.3	24.3	104.2	24266.1	24.3	6.3
8.3	1.2	8.3	113.5	8330.2	8.3	-9.4
17.9	-6.7	17.9	106.9	17914.5	17.9	-23.8
78.6	31.6	78.6	94.0	78624.9	78.6	10.0
14.5	5.6	14.5	108.7	14505.8	14.5	-6.1
44.0	33.3	44.0	99.0	43973.2	44.0	11.4
70.6	17.5	70.6	94.9	70573.6	70.6	-4.2
11.9	10.2	11.9	110.4	11926.2	11.9	-6.0
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
71.9	9.2	71.9	94.8	71910.7	71.9	-12.6
18.6	6.7	18.6	106.5	18610.8	18.6	-11.3
5.9	2.8	5.9	116.5	5914.7	5.9	-6.5
63.7	40.6	63.7	95.8	63651.0	63.7	18.8
24.1	7.0	24.1	104.3	24063.3	24.1	-11.6
7.3	12.6	7.3	114.7	7284.1	7.3	5.5
25.4	33.3	25.4	103.8	25361.3	25.4	14.3
26.5	6.2	26.5	103.5	26528.7	26.5	-15.9
27.3	24.6	27.3	103.2	27334.8	27.3	2.6
42.0	20.4	42.0	99.5	41962.2	42.0	-1.6
45.4	26.2	45.4	98.8	45444.9	45.4	4.2
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
5.5	18.3	5.5	117.1	5499.7	5.5	7.7
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
28.5	18.4	28.5	102.8	28538.3	28.5	-3.6
54.7	52.2	54.7	97.2	54678.1	54.7	30.3
19.4	13.4	19.4	106.2	19403.3	19.4	-3.1
23.5	14.2	23.5	104.5	23548.5	23.5	-7.8
56.9	24.7	56.9	96.8	56927.6	56.9	2.8
76.1	19.6	76.1	94.3	76107.4	76.1	-2.1
51.5	25.5	51.5	97.7	51542.2	51.5	3.6
9.1	1.4	9.1	112.7	9117.1	9.1	-10.6
48.6	29.5	48.6	98.2	48601.2	48.6	7.6
37.6	28.1	37.6	111.5	37561.6	37.6	6.2
44.0	35.4	44.0	104.8	43982.9	44.0	13.5
43.0	15.3	43.0	105.0	42968.1	43.0	-6.6
15.5	7.5	15.5	110.1	15512.8	15.5	-6.9
14.6	17.1	14.6	110.6	14603.8	14.6	3.1
13.4	20.0	13.4	111.4	13426.0	13.4	6.1
15.6	9.1	15.6	110.0	15591.6	15.6	-5.1

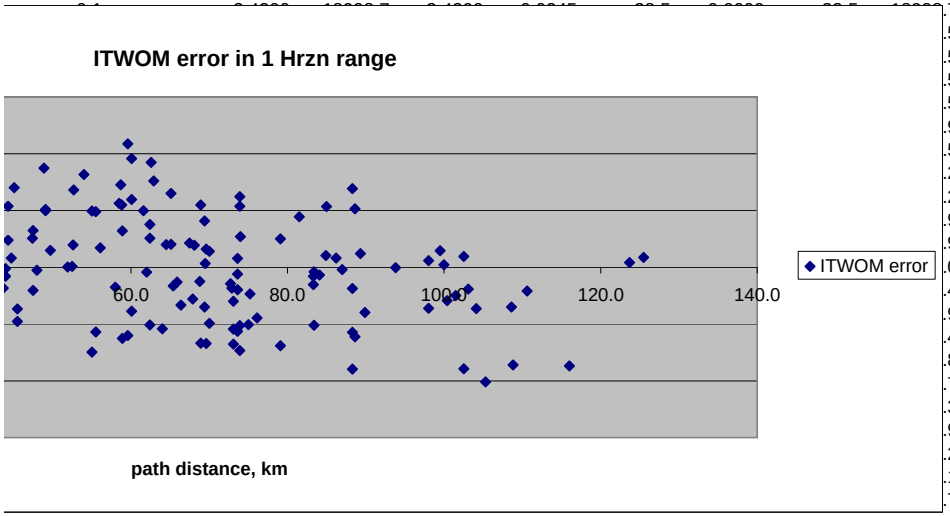
13.1	17.1	13.1	111.6	13105.6	13.1	3.5
15.8	14.3	15.8	109.9	15810.8	15.8	0.0
15.0	23.0	15.0	110.4	14988.8	15.0	8.6
14.2	30.0	14.2	110.9	14246.0	14.2	15.9
45.0	11.5	45.0	100.8	44961.4	45.0	-10.4
47.3	20.3	47.3	100.4	47271.2	47.3	-1.6
45.9	5.5	45.9	100.7	45899.2	45.9	-16.5
47.1	19.1	47.1	100.4	47109.2	47.1	-2.8
46.6	34.7	46.6	100.5	46585.3	46.6	12.8
46.3	38.8	46.3	100.6	46294.1	46.3	16.9
3.9	31.5	3.9	122.1	3898.8	3.9	8.4
3.0	34.9	3.0	124.4	3049.3	3.0	11.5
4.5	19.2	4.5	120.8	4491.7	4.5	-3.0
12.8	13.8	12.8	111.8	12763.7	12.8	-0.3
4.0	40.5	4.0	121.9	4012.0	4.0	17.7
17.3	21.8	17.3	109.1	17273.3	17.3	5.1
15.8	13.3	15.8	109.9	15767.2	15.8	-1.0
14.0	12.7	14.0	111.0	14034.3	14.0	-1.5
12.5	12.1	12.5	112.0	12520.4	12.5	-2.2
11.0	29.0	11.0	113.1	11005.2	11.0	14.6
17.7	15.8	17.7	109.0	17720.0	17.7	0.4
11.3	20.8	11.3	112.8	11319.0	11.3	6.7
14.5	40.3	14.5	110.7	14461.5	14.5	26.1
3.3	41.7	3.3	123.5	3300.0	3.3	18.1
15.8	15.3	15.8	109.9	15827.0	15.8	1.0
17.9	17.4	17.9	108.9	17891.2	17.9	0.7
16.2	33.4	16.2	109.7	16174.2	16.2	18.7
14.9	21.2	14.9	110.4	14858.5	14.9	7.2
14.0	20.7	14.0	111.0	13999.7	14.0	6.4
11.6	24.1	11.6	112.6	11648.8	11.6	10.2
18.3	14.1	18.3	108.7	18329.2	18.3	-1.4
16.7	25.4	16.7	109.5	16741.8	16.7	8.8
12.2	42.9	12.2	112.2	12222.6	12.2	28.4
13.8	17.4	13.8	111.1	13830.1	13.8	3.5
15.5	10.8	15.5	110.1	15453.2	15.5	-3.5
19.1	12.3	19.1	108.3	19149.1	19.1	-3.3
17.4	41.0	17.4	109.1	17363.9	17.4	24.6
16.0	53.3	16.0	109.8	16025.4	16.0	38.9
14.6	36.9	14.6	110.6	14602.8	14.6	22.9
11.1	30.5	11.1	113.0	11099.6	11.1	16.5
43.4	26.7	43.4	101.2	43379.9	43.4	4.7
44.9	30.4	44.9	100.9	44899.6	44.9	8.4
44.0	20.0	44.0	101.0	43950.9	44.0	-1.9
30.7	43.0	30.7	104.2	30738.3	30.7	22.8
41.5	17.0	41.5	101.5	41476.2	41.5	-4.9
46.0	11.4	46.0	100.7	45972.8	46.0	-10.6
45.0	23.9	45.0	100.8	44986.0	45.0	2.0
43.8	21.2	43.8	101.1	43795.7	43.8	-0.8
42.9	13.0	42.9	101.3	42873.4	42.9	-9.0
48.2	55.0	48.2	100.2	48220.8	48.2	33.1
46.9	31.4	46.9	100.5	46862.2	46.9	9.5
46.1	29.1	46.1	100.6	46090.4	46.1	7.2
49.5	39.0	49.5	100.0	49543.1	49.5	17.1

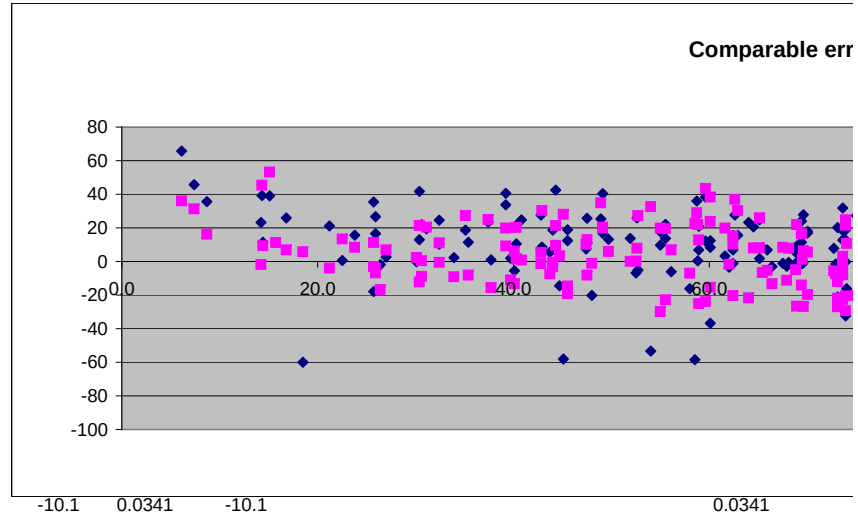
47.9	22.4	47.9	100.3	47911.0	47.9	0.5
47.5	27.9	47.5	100.4	47478.7	47.5	5.9
45.9	23.3	45.9	100.7	45850.1	45.9	1.3
45.4	18.8	45.4	100.8	45369.4	45.4	-3.2
51.0	42.5	51.0	99.8	50976.8	51.0	20.5
49.2	46.1	49.2	100.1	49166.9	49.2	24.1
48.1	31.5	48.1	100.3	48106.1	48.1	9.5
46.1	18.4	46.1	100.6	46121.3	46.1	-3.5
47.1	31.0	47.1	100.4	47064.3	47.1	9.1
15.0	7.2	15.0	110.4	14991.5	15.0	-7.2
20.9	23.2	20.9	107.5	20875.5	20.9	7.0
25.7	18.9	25.7	105.7	25718.0	25.7	0.7
30.4	19.1	30.4	104.3	30360.5	30.4	-1.9
44.4	16.5	44.4	101.0	44353.2	44.4	-5.5
53.6	14.8	53.6	99.3	53640.0	53.6	-7.1
59.4	37.0	59.4	98.4	59350.8	59.4	15.1
16.5	36.5	16.5	109.6	16513.8	16.5	20.5
40.5	9.2	40.5	101.8	40512.6	40.5	-12.8
21.0	38.5	21.0	107.5	21021.4	21.0	21.2
45.1	12.1	45.1	100.8	45146.3	45.1	-9.8
78.8	28.5	78.8	96.0	78806.5	78.8	6.7
83.4	15.8	83.4	95.5	83369.0	83.4	-6.0
17.1	21.8	17.1	109.2	17053.2	17.1	7.8
23.9	12.2	23.9	106.3	23876.8	23.9	-4.8
30.6	17.8	30.6	104.2	30557.1	30.6	-1.4
35.4	20.5	35.4	102.9	35389.5	35.4	-0.2
41.6	7.7	41.6	101.5	41574.9	41.6	-14.2
51.2	16.5	51.2	99.7	51232.4	51.2	-5.4
65.9	10.6	65.9	97.5	65864.3	65.9	-11.2
69.3	27.4	69.3	97.1	69250.5	69.3	5.6
79.9	37.8	79.9	95.9	79942.6	79.9	16.0
16.3	27.3	16.3	109.7	16290.8	16.3	12.5
21.5	34.7	21.5	107.3	21484.6	21.5	18.0
25.8	15.3	25.8	105.7	25833.5	25.8	-2.7
42.7	18.4	42.7	101.3	42717.0	42.7	-3.6
35.3	29.8	35.3	103.0	35281.1	35.3	7.6
40.3	22.3	40.3	101.8	40344.2	40.3	0.3
45.8	30.3	45.8	100.7	45810.5	45.8	8.3
50.0	22.5	50.0	99.9	49950.7	50.0	0.6
55.3	25.0	55.3	99.1	55279.8	55.3	3.0
60.4	31.3	60.4	98.3	60431.5	60.4	9.4
64.9	20.4	64.9	97.7	64868.8	64.9	-1.5
16.5	32.8	16.5	109.6	16543.8	16.5	16.6
21.0	17.8	21.0	107.5	20971.3	21.0	1.3
25.1	21.6	25.1	105.9	25073.5	25.1	3.6
30.9	16.1	30.9	104.1	30889.5	30.9	-4.6
35.4	8.6	35.4	102.9	35398.6	35.4	-13.4
46.1	23.1	46.1	100.6	46142.9	46.1	1.2
49.2	25.2	49.2	100.1	49166.1	49.2	3.2
54.0	32.6	54.0	99.3	54004.8	54.0	10.6
64.5	41.5	64.5	97.7	64540.0	64.5	19.6
80.1	33.3	80.1	95.8	80145.4	80.1	11.5
16.4	13.3	16.4	109.6	16434.3	16.4	-1.2

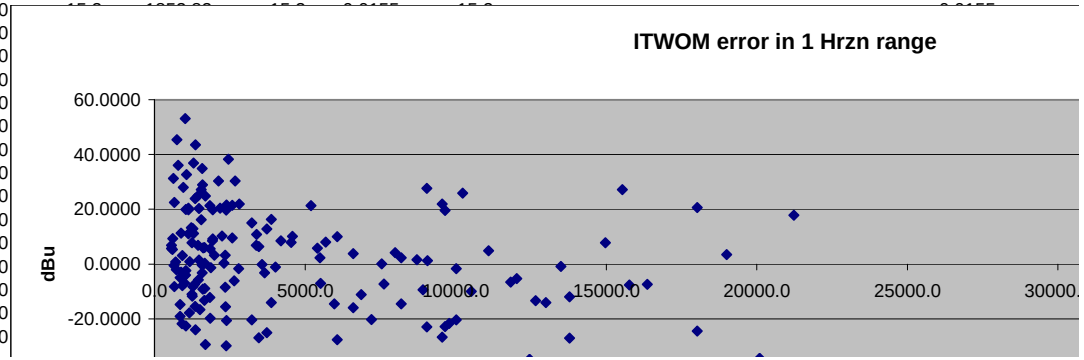
20.8	19.6	20.8	107.5	20819.6	20.8	1.9
24.8	24.0	24.8	106.0	24828.8	24.8	4.8
30.4	13.8	30.4	104.3	30351.7	30.4	-6.7
40.2	30.6	40.2	101.8	40188.4	40.2	8.7
49.1	27.8	49.1	100.1	49118.2	49.1	5.8
54.3	18.5	54.3	99.2	54261.5	54.3	-3.4
59.4	35.3	59.4	98.4	59407.2	59.4	13.4
15.4	26.4	15.4	110.2	15426.5	15.4	11.8
21.2	1.0	21.2	107.4	21246.0	21.2	-15.0
45.4	31.0	45.4	100.8	45392.9	45.4	9.0
49.9	19.3	49.9	99.9	49930.5	49.9	-2.6
54.5	9.0	54.5	99.2	54530.9	54.5	-13.0
68.9	12.4	68.9	97.1	68875.7	68.9	-9.4
15.8	29.3	15.8	109.9	15795.3	15.8	15.0
20.2	23.6	20.2	107.8	20234.8	20.2	6.3
25.7	11.8	25.7	105.7	25691.1	25.7	-6.0
30.9	16.0	30.9	104.1	30880.8	30.9	-6.1
35.0	38.9	35.0	103.0	35033.4	35.0	17.0
40.1	47.0	40.1	101.8	40105.0	40.1	25.1
43.9	25.8	43.9	101.1	43891.0	43.9	3.8
50.3	36.5	50.3	99.9	50317.9	50.3	14.5
54.1	10.0	54.1	99.2	54133.4	54.1	-11.9
69.2	23.3	69.2	97.1	69238.9	69.2	1.4
79.9	41.3	79.9	95.9	79890.8	79.9	19.4
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
8.9	31.5	8.9	121.6	8879.8	8.9	19.4
12.0	46.1	12.0	119.0	12011.2	12.0	31.3
13.2	46.7	13.2	118.2	13238.1	13.2	32.3
10.9	27.1	10.9	119.9	10920.2	10.9	14.7
43.8	50.7	43.8	107.8	43830.2	43.8	28.7
8.8	9.2	8.8	121.7	8816.8	8.8	-3.1
5.4	21.5	5.4	126.0	5414.7	5.4	4.8
9.2	37.3	9.2	121.3	9199.7	9.2	24.4
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
8.4	40.4	8.4	122.1	8366.2	8.4	29.6
13.8	24.3	13.8	117.8	13815.2	13.8	10.3
13.7	32.4	13.7	117.9	13744.8	13.7	17.0
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
29.5	35.4	29.5	111.2	29534.9	29.5	13.4
38.6	35.5	38.6	108.9	38586.5	38.6	13.5
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
5.2	34.8	5.2	126.3	5237.2	5.2	19.5
13.6	27.8	13.6	117.9	13635.9	13.6	12.1
40.8	35.6	40.8	108.4	40790.9	40.8	13.6
4.9	15.4	4.9	126.8	4895.4	4.9	-0.7
8.0	39.6	8.0	122.6	7950.9	8.0	26.6
3.6	25.0	3.6	129.5	3603.4	3.6	3.5
13.4	26.3	13.4	118.1	13403.7	13.4	10.7
13.2	27.8	13.2	118.2	13217.5	13.2	12.7
3.4	27.5	3.4	130.0	3385.3	3.4	5.5
9.5	47.6	9.5	121.1	9463.5	9.5	36.6
4.3	23.4	4.3	127.9	4342.0	4.3	2.7

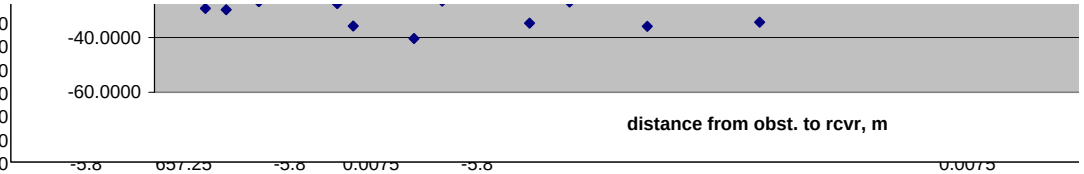
6.1	33.9	6.1	124.9	6110.3	6.1	20.1
8.5	13.0	8.5	122.0	8488.5	8.5	3.5
4.7	56.2	4.7	127.2	4719.0	4.7	38.0
14.0	10.2	14.0	117.7	14027.8	14.0	-4.0
7.7	11.3	7.7	122.9	7742.5	7.7	2.4
4.3	23.4	4.3	127.9	4342.0	4.3	2.7
16.6	42.3	16.6	116.2	16600.6	16.6	25.7

	dro		the1	ITWOM err theta		Meas+fsf	the0	Meas+fsf	the1	Meas+fsf		the1
	ITWOM err		ITWOM err	comp.	+ adj	comp.	-I2M-115		-I2M-115		-I2M-115	
0.0	-1.7400	2797.3	-1.7400	0.0145	20.8	0.0000	-22.2	2797.26	-22.2	0.0145	-22.2	0.0145
0.0	0.2800	2303.9	0.2800	0.0224	22.7	0.0000	-22.8	2303.88	-22.8	0.0236	-22.8	0.0236
1.7	-16.6900	1507.6	-16.6900	0.0134	7.0	0.0000	0.2	1507.58	0.2	0.0134	0.2	0.0134
1.1	-13.3300	12655.8	-13.3300	0.0251	14.3	0.0000	-11.2	12655.79	-11.2	0.0508	-11.2	0.0508
0.8	-11.0800	1241.1	-11.0800	0.0076	-11.1	0.0000	-9.0	1241.13	-9.0	0.0076	-9.0	0.0076
0.2	5.7900	5405.9	5.7900	0.0191	33.7	0.0000	-33.8	5405.87	-33.8	0.0191	-33.8	0.0191
0.3	6.8000	1448.9	6.8000	0.0167	24.6	0.0000	-29.9	1448.89	-29.9	0.0167	-29.9	0.0167
1.2	-14.0500	12992.8	-14.0500	0.0235	20.2	0.0000	-14.7	12992.77	-14.7	0.0354	-14.7	0.0354
0.3	-7.3600	7615.7	-7.3600	0.0240	20.6	0.0000	-18.0	7615.69	-18.0	0.0399	-18.0	0.0399
1.5	-15.4400	1350.1	-15.4400	0.0125	5.2	0.0000	-18.2	1350.06	-18.2	0.0125	-18.2	0.0125
1.2	-14.0600	3880.3	-14.0600	0.0222	10.5	0.0000	-20.8	3880.29	-20.8	0.0216	-20.8	0.0216
5.5	-29.8800	2381.4	-29.8800	0.0144	-6.8	0.0000	-3.0	2381.40	-3.0	0.0144	-3.0	0.0144
3.6	-24.0400	1355.5	-24.0400	0.0095	-24.0	0.0000	-9.5	1355.52	-9.5	0.0095	-9.5	0.0095
5.3	-29.3600	1688.2	-29.3600	0.0123	-4.9	0.0000	-6.1	1688.16	-6.1	0.0123	-6.1	0.0123
2.4	-19.8000	1852.8	-19.8000	0.0155	1.4	0.0000						
3.2	-22.6200	1037.3	-22.6200	0.0108	0.9	0.0000						
4.7	-27.6900	6066.7	-27.6900	0.0229	3.0	0.0000						
2.6	-20.4000	10019.4	-20.4000	0.0236	11.3	0.0000						
0.0	1.5000	1476.1	1.5000	0.0128	22.7	0.0000						
4.5	-26.9000	3465.8	-26.9000	0.0221	-3.0	0.0000						
2.5	-20.2400	7204.9	-20.2400	0.0230	11.1	0.0000						
2.6	-20.3800	3232.2	-20.3800	0.0229	4.1	0.0000						
4.4	-26.7300	9553.9	-26.7300	0.0247	1.4	0.0000						
4.5	-27.0900	13784.8	-27.0900	0.0257	6.0	0.0000						
0.6	9.5100	2587.0	9.5100	0.0222	33.0	0.0000						
0.1	-3.9800	1034.9	-3.9800	0.0116	24.5	0.0000						
0.3	-6.9400	997.5	-6.9400	0.0110	22.0	0.0000						
0.5	-8.9400	1668.4	-8.9400	0.0161	13.9	0.0000						
1.1	-13.2400	1662.8	-13.2400	0.0166	9.2	0.0000						









2.9	-21.6400	9785.2	-21.6400	0.0248	8.1	0.0000						
2.9	-21.8300	914.8	-21.8300	0.0189	2.0	0.0000						
7.9	-35.8800	16370.0	-35.8800	0.0291	0.5	0.0000						
3.9	-25.0900	3728.0	-25.0900	0.0229	2.6	0.0000						
0.4	-7.9100	925.6	-7.9100	0.0149	13.1	0.0000						
3.3	-22.9800	9045.8	-22.9800	0.0296	3.0	0.0000						
0.4	-8.2800	657.3	-8.2800	0.0075	-8.3	0.0000	-5.8	657.25	-5.8	0.0075	-5.8	0.0075
0.4	8.0300	5685.0	8.0300	0.0120	34.8	0.0000	-30.2	5685.04	-30.2	0.0120	-30.2	0.012
4.6	27.1700	15541.3	27.1700	0.0231	56.6	0.0000	-44.0	15541.27	-44.0	0.0314	-44.0	0.0314
5.7	30.3300	2130.6	30.3300	0.0073	30.3	0.0000	-48.9	2130.63	-48.9	0.0073	-48.9	0.0073
0.7	10.7500	3389.4	10.7500	0.0091	10.8	0.0000	-34.0	3389.43	-34.0	0.0091	-34.0	0.0091
0.0	-1.0800	4018.2	-1.0800	0.0123	21.4	0.0000	-18.4	4018.23	-18.4	0.0123	-18.4	0.0123
4.6	27.1700	1553.4	27.1700	0.0052	27.2	0.0000	-47.5	1553.42	-47.5	0.0052	-47.5	0.0052
0.1	3.1800	2344.3	3.1800	0.0224	25.0	0.0000	-19.3	2344.34	-19.3	0.0237	-19.3	0.0237
0.0	2.2600	5491.1	2.2600	0.0228	28.2	0.0000	-14.9	5491.10	-14.9	0.0277	-14.9	0.0277
0.3	6.7800	3374.6	6.7800	0.0229	32.6	0.0000	-18.5	3374.55	-18.5	0.0289	-18.5	0.0289
0.8	11.2100	1295.5	11.2100	0.0195	31.3	0.0000	-18.2	1295.51	-18.2	0.0195	-18.2	0.0195
0.5	9.3200	609.7	9.3200	0.0076	9.3	0.0000	-15.6	609.66	-15.6	0.0076	-15.6	0.0076
0.1	3.2200	1982.2	3.2200	0.0063	3.2	0.0000	-25.0	1982.16	-25.0	0.0063	-25.0	0.0063
1.3	-14.5600	5976.6	-14.5600	0.0121	15.1	0.0000	-8.9	5976.65	-8.9	0.0121	-8.9	0.0121
7.9	-35.7900	6601.8	-35.7900	0.0144	-8.2	0.0000	12.5	6601.76	12.5	0.0144	12.5	0.0144
0.0	2.2800	8188.9	2.2800	0.0147	33.5	0.0000	-25.2	8188.88	-25.2	0.0147	-25.2	0.0147
0.9	-11.8000	1254.1	-11.8000	0.0055	-11.8	0.0000	-11.3	1254.08	-11.3	0.0055	-11.3	0.0055
0.4	8.4600	1918.9	8.4600	0.0081	8.5	0.0000	-28.1	1918.93	-28.1	0.0081	-28.1	0.0081
1.3	-14.5200	8188.9	-14.5200	0.0147	16.7	0.0000	-8.4	8188.88	-8.4	0.0147	-8.4	0.0147
0.1	3.8100	6601.8	3.8100	0.0144	31.4	0.0000	-27.1	6601.76	-27.1	0.0144	-27.1	0.0144
0.6	10.2000	2239.8	10.2000	0.0077	10.2	0.0000	-29.2	2239.84	-29.2	0.0077	-29.2	0.0077
7.5	-34.8100	12453.3	-34.8100	0.0224	0.7	0.0000	10.4	12453.32	10.4	0.0240	10.4	0.024
0.4	7.7400	1238.3	7.7400	0.0062	7.7	0.0000	-27.5	1238.32	-27.5	0.0062	-27.5	0.0062
7.3	-34.4000	20096.6	-34.4000	0.0228	2.9	0.0000	10.6	20096.56	10.6	0.0280	10.6	0.028
1.6	-15.9800	6594.9	-15.9800	0.0158	13.4	0.0000	-6.2	6594.89	-6.2	0.0158	-6.2	0.0158
10.1	-40.3900	8619.5	-40.3900	0.0136	-8.3	0.0000	16.9	8619.47	16.9	0.0136	16.9	0.0136
0.0	1.2800	9070.0	1.2800	0.0184	33.6	0.0000	-21.2	9070.02	-21.2	0.0184	-21.2	0.0184
0.2	-5.7800	1451.8	-5.7800	0.0050	-5.8	0.0000	-14.5	1451.79	-14.5	0.0050	-14.5	0.005
2.0	-17.8200	1159.1	-17.8200	0.0060	-17.8	0.0000	-2.9	1159.11	-2.9	0.0060	-2.9	0.006
5.2	28.9700	1595.8	28.9700	0.0129	48.5	0.0000	-47.4	1595.84	-47.4	0.0129	-47.4	0.0129
0.4	7.8100	14969.0	7.8100	0.0253	41.4	0.0000	-25.3	14969.03	-25.3	0.0527	-25.3	0.0527
0.0	-1.3200	1865.7	-1.3200	0.0156	20.9	0.0000	-14.4	1865.71	-14.4	0.0156	-14.4	0.0156
9.0	38.2100	2453.8	38.2100	0.0168	59.8	0.0000	-56.9	2453.82	-56.9	0.0168	-56.9	0.0168
0.0	0.8100	702.2	0.8100	0.0071	0.8	0.0000	-16.1	702.17	-16.1	0.0071	-16.1	0.0071
0.1	4.1200	7986.6	4.1200	0.0230	35.9	0.0000	-25.8	7986.63	-25.8	0.0299	-25.8	0.0299
0.8	-11.1900	6869.6	-11.1900	0.0223	18.5	0.0000	-8.5	6869.64	-8.5	0.0229	-8.5	0.0229
0.0	-2.7100	35917.8	-2.7100	0.0442	24.6	0.0000	-18.9	35917.79	-18.9	0.2424	-18.9	0.2424
2.8	21.3100	5194.4	21.3100	0.0228	47.2	0.0000	-43.0	5194.36	-43.0	0.0279	-43.0	0.0279
7.5	34.8400	1587.6	34.8400	0.0153	55.1	0.0000	-51.7	1587.63	-51.7	0.0153	-51.7	0.0153
0.2	5.8700	1619.0	5.8700	0.0175	25.7	0.0000	-22.9	1619.01	-22.9	0.0175	-22.9	0.0175
0.1	4.8000	11092.8	4.8000	0.0228	41.6	0.0000	-26.9	11092.80	-26.9	0.0283	-26.9	0.0283
0.1	-3.1800	3659.1	-3.1800	0.0163	23.0	0.0000	-18.3	3659.10	-18.3	0.0163	-18.3	0.0163
2.0	17.8000	21235.8	17.8000	0.0285	51.1	0.0000	-39.1	21235.80	-39.1	0.0847	-39.1	0.0847
0.3	-6.6000	11827.9	-6.6000	0.0236	26.5	0.0000	-12.8	11827.92	-12.8	0.0362	-12.8	0.0362
0.0	0.0900	7544.4	0.0900	0.0240	33.6	0.0000	-17.5	7544.42	-17.5	0.0397	-17.5	0.0397
0.8	11.0700	1125.3	11.0700	0.0128	32.4	0.0000	-24.4	1125.33	-24.4	0.0128	-24.4	0.0128
0.4	-8.4300	2348.1	-8.4300	0.0053	-8.4	0.0000	-15.7	2348.06	-15.7	0.0053	-15.7	0.0053

3.0	21.8800	2812.4	21.8800	0.0077	21.9	0.0000	-34.6	2812.43	-34.6	0.0077	-34.6					0.0077
0.3	-7.0500	5520.4	-7.0500	0.0116	20.7	0.0000	-5.5	5520.42	-5.5	0.0116	-5.5					0.0116
2.6	20.3800	2177.2	20.3800	0.0067	20.4	0.0000	-27.5	2177.24	-27.5	0.0067	-27.5					0.0067
1.0	12.9500	1270.4	12.9500	0.0043	13.0	0.0000	-27.6	1270.40	-27.6	0.0043	-27.6	0.0043	7.978606	-0.01	39.72469384	0.0043
1.3	-14.7600	851.0	-14.7600	0.0030	-14.8	0.0000	0.5	850.97	0.5	0.0030	0.5	0.003	-2.144707	-0.005	42.58589118	0.003
0.0	-0.4600	1579.4	-0.4600	0.0048	-0.5	0.0000	-13.5	1579.44	-13.5	0.0048	-13.5	0.0048	4.536717	0	38.67614514	0.0048
2.4	19.7800	1934.9	19.7800	0.0059	19.8	0.0000	-32.7	1934.86	-32.7	0.0059	-32.7	0.0059	10.32707	0.005	36.46573328	0.0059
2.4	19.8500	1130.8	19.8500	0.0041	19.9	0.0000	-34.8	1130.78	-34.8	0.0041	-34.8	0.0041	9.135227	0.01	40.15203024	0.0041
0.2	-4.9700	850.1	-4.9700	0.0035	-5.0	0.0000	-12.9	850.11	-12.9	0.0035	-12.9	0.0035	12.60719	0.015	41.46182007	0.0035
2.9	21.5000	2394.4	21.5000	0.0067	21.5	0.0000	-40.0	2394.36	-40.0	0.0067	-40.0	0.0067	10.52921	0.02	34.93792814	0.0067
2.6	20.5700	18019.0	20.5700	0.0199	55.1	0.0000	-40.6	18018.95	-40.6	0.0199	-40.6	0.0199	8.360297	0.025	17.24242653	0.0199
0.8	11.2600	883.2	11.2600	0.0032	11.3	0.0000	-20.5	883.23	-20.5	0.0032	-20.5	0.0032	11.55521	0.03	42.1326513	0.0032
2.8	21.3300	1837.1	21.3300	0.0055	21.3	0.0000	-32.1	1837.14	-32.1	0.0055	-32.1	0.0055	0.63132	0.035	37.25450978	0.0055
2.4	19.5200	9652.7	19.5200	0.0117	50.1	0.0000	-35.5	9652.72	-35.5	0.0117	-35.5	0.0117	-3.102778	0.04	26.73765858	0.0117
1.6	16.3300	3880.3	16.3300	0.0074	16.3	0.0000	-34.2	3880.29	-34.2	0.0074	-34.2	0.0074	10.12594	0.045	33.6537	0.0074
3.5	23.8400	1350.1	23.8400	0.0043	23.8	0.0000	-40.5	1350.06	-40.5	0.0043	-40.5	0.0043	5.234404	0.05	39.72469384	0.0043
2.4	19.7200	2381.4	19.7200	0.0049	19.7	0.0000	-35.6	2381.40	-35.6	0.0049	-35.6	0.0049	-2.005082	0.055	38.46978029	0.0049
11.7	43.4700	1355.5	43.4700	0.0032	43.5	0.0000	-60.1	1355.52	-60.1	0.0032	-60.1	0.0032	-9.364291	0.06	42.1326513	0.0032
3.8	24.8200	1688.2	24.8200	0.0042	24.8	0.0000	-43.3	1688.16	-43.3	0.0042	-43.3	0.0042	0.63132	0.065	39.93779048	0.0042
0.2	5.5300	1852.8	5.5300	0.0053	5.5	0.0000	-23.5	1852.82	-23.5	0.0053	-23.5	0.0053	-7.533552	0.07	37.6552733	0.0053
0.0	-2.3700	1037.3	-2.3700	0.0037	-2.4	0.0000	-16.1	1037.31	-16.1	0.0037	-16.1	0.0037	-11.23445	0.075	41.02054363	0.0037
0.6	9.9700	6066.7	9.9700	0.0098	10.0	0.0000	-29.0	6066.69	-29.0	0.0098	-29.0	0.0098	4.19307	0.08	29.5984799	0.0098
0.0	-1.6800	10019.4	-1.6800	0.0124	32.8	0.0000	-17.8	10019.41	-17.8	0.0124	-17.8	0.0124	11.34796	0.085	25.7548512	0.0124
2.5	20.2500	1476.1	20.2500	0.0044	20.3	0.0000	-33.4	1476.06	-33.4	0.0044	-33.4	0.0044	7.978606	0.09	39.51273423	0.0044
0.2	6.3100	3465.8	6.3100	0.0070	6.3	0.0000	-24.3	3465.82	-24.3	0.0070	-24.3	0.007	7.600713	0.095	34.38165047	0.007
0.5	-9.3900	8914.8	-9.3900	0.0116	22.4	0.0000	-9.2	8914.78	-9.2	0.0116	-9.2	0.0116	-10.17343	0.1	26.88108839	0.0116
4.2	25.9300	10237.0	25.9300	0.0177	58.1	0.0000	-43.3	10236.98	-43.3	0.0177	-43.3	0.0177	-19.4932	0.105	19.39611921	0.0177
1.4	15.0500	3232.2	15.0500	0.0098	15.1	0.0000	-32.0	3232.15	-32.0	0.0098	-32.0	0.0098	0.175279	0.11	29.5984799	0.0098
2.9	21.8600	9553.9	21.8600	0.0160	53.3	0.0000	-39.7	9553.88	-39.7	0.0160	-39.7	0.016	8.745825	0.115	21.24290602	0.016
0.9	-11.9600	13784.8	-11.9600	0.0196	23.2	0.0000	-6.4	13784.80	-6.4	0.0196	-6.4	0.0196	-20.49305	0.12	17.52140025	0.0196
2.8	21.4200	2587.0	21.4200	0.0076	21.4	0.0000	-35.4	2587.03	-35.4	0.0076	-35.4	0.0076	20	0.125	33.29552506	0.0076
0.1	-4.1200	997.5	-4.1200	0.0038	-4.1	0.0000	-5.2	997.54	-5.2	0.0038	-5.2	0.0038	12.39469	0.13	40.80166973	0.0038
0.0	0.2900	1668.4	0.2900	0.0055	0.3	0.0000	-11.1	1668.38	-11.1	0.0055	-11.1	0.0055	-1.296387	0.135	37.25450978	0.0055
0.2	6.0700	1662.8	6.0700	0.0057	6.1	0.0000	-19.2	1662.76	-19.2	0.0057	-19.2	0.0057	-6.733303	0.14	36.85801157	0.0057
0.2	-5.2800	12034.5	-5.2800	0.0185	31.2	0.0000	-12.2	12034.45	-12.2	0.0185	-12.2	0.0185	4.883816	0.145	18.58347984	0.0185
0.3	-7.4500	16370.0	-7.4500	0.0231	30.7	0.0000	-12.6	16370.05	-12.6	0.0312	-12.6	0.0312	4.022532	0.15	9.419886177	0.0312
1.0	12.7700	3728.0	12.7700	0.0101	37.0	0.0000	-29.3	3728.02	-29.3	0.0101	-29.3	0.0101	8.940039	0.155	29.12721631	0.0101
0.1	3.0900	925.6	3.0900	0.0051	3.1	0.0000	-21.5	925.59	-21.5	0.0051	-21.5	0.0051	6.307452	0.16	38.06034801	0.0051
4.7	27.6700	9045.7	27.6700	0.0233	57.1	0.0000	-47.7	9045.72	-47.7	0.0332	-47.7	0.0332	7.413178	0.165	8.464009567	0.0332
0.2	5.6700	564.0	5.6700	0.0000	5.7	0.0000	-5.4	564.01	-5.4	0.0000	-5.4	0	5.058672	0.17	50	0
6.0	31.2900	624.7	31.2900	0.0033	31.3	0.0000	-23.1	624.71	-23.1	0.0033	-23.1	0.0033	9.135227	0.175	41.90784351	0.0033
5.7	30.3400	2682.8	30.3400	0.0111	51.9	0.0000	-40.7	2682.82	-40.7	0.0111	-40.7	0.0111	6.489444	0.18	27.60986138	0.0111
0.6	10.1500	4581.4	10.1500	0.0153	35.8	0.0000	-18.1	4581.38	-18.1	0.0153	-18.1	0.0153	-6.964811	0.185	22.05353718	0.0153
3.8	24.9500	1442.8	24.9500	0.0072	25.0	0.0000	-30.8	1442.76	-30.8	0.0072	-30.8	0.0072	5.588516	0.19	34.01572798	0.0072
8.4	36.8900	1298.4	36.8900	0.0077	36.9	0.0000	-47.2	1298.43	-47.2	0.0077	-47.2	0.0077	11.97285	0.195	33.11786965	0.0077
12.7	45.3400	738.7	45.3400	0.0050	45.3	0.0000	-42.8	738.71	-42.8	0.0050	-42.8	0.005	5.766904	0.2	38.26451653	0.005
4.8	28.0000	953.3	28.0000	0.0064	28.0	0.0000	-35.5	953.34	-35.5	0.0064	-35.5	0.0064	11.55521	0.205	35.50320611	0.0064
0.2	5.3700	594.3	5.3700	0.0058	5.4	0.0000	-12.4	594.27	-12.4	0.0058	-12.4	0.0058	-4.795489	0.21	36.66134776	0.0058
6.6	32.6500	1066.2	32.6500	0.0071	32.7	0.0000	-41.7	1066.20	-41.7	0.0071	-41.7	0.0071	7.789187	0.215	34.19819981	0.0071
3.1	22.4800	656.2	22.4800	0.0049	22.5	0.0000	-32.2	656.24	-32.2	0.0049	-32.2	0.0049	5.588516	0.22	38.46978029	0.0049
1.6	16.2400	1546.9	16.2400	0.0063	16.2	0.0000	-9.4	1546.86	-9.4	0.0063	-9.4	0.0063	20	0.225	35.69365727	0.0063
0.4	7.9400	4537.3	7.9400	0.0155	33.5	0.0000	-18.5	4537.31	-18.5	0.0155	-18.5	0.0155	20	0.23	21.8188223	0.0155
1.1	13.2600	1221.8	13.2600	0.0068	13.3	0.0000	-14.7	1221.84	-14.7	0.0068	-14.7	0.0068	20	0.235	34.75150934	0.0068

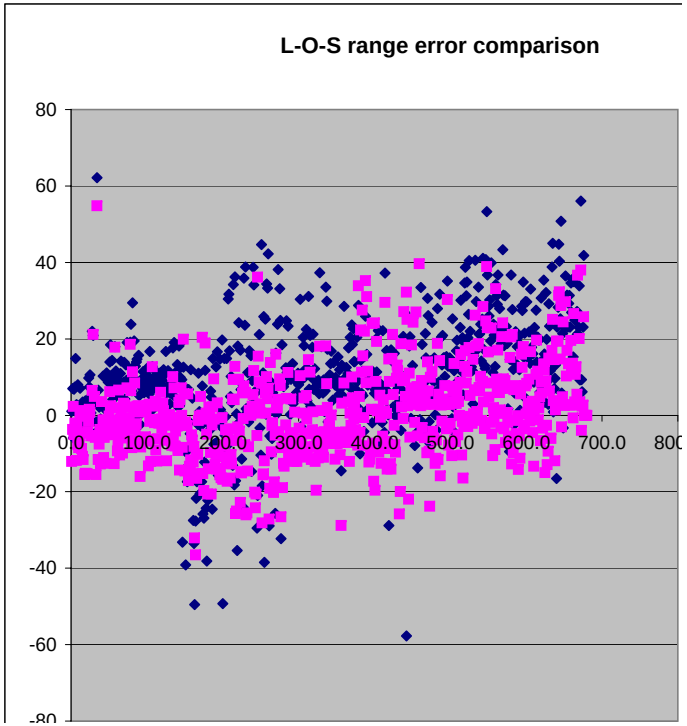
8.0	36.0000	790.6	36.0000	0.0035	36.0	0.0000	-26.1	790.58	-26.1	0.0035	-26.1	0.0035	20	0.24	41.46182007	0.0035
17.4	53.1200	1016.3	53.1200	0.0067	53.1	0.0000	-51.1	1016.34	-51.1	0.0067	-51.1	0.0067	20	0.245	34.93792814	0.0067
0.3	6.8000	565.4	6.8000	0.0037	6.8	0.0000	-5.7	565.38	-5.7	0.0037	-5.7	0.0037	20	0.25	41.02054363	0.0037
0.4	8.4300	4201.4	8.4300	0.0137	33.3	0.0000	-10.3	4201.44	-10.3	0.0137	-10.3	0.0137	20	0.255	24.02447267	0.0137
0.0	-1.9900	724.0	-1.9900	0.0056	-2.0	0.0000	4.6	723.96	4.6	0.0056	4.6	0.0056	20	0.26	37.05573036	0.0056
2.4	19.8800	1041.6	19.8800	0.0068	19.9	0.0000	-30.1	1041.56	-30.1	0.0068	-30.1	0.0068	20	0.265	34.75150934	0.0068
341.9	11.3500	1227.0	11.3500	0.0000	11.4	0.0000	-41.5	1227.00	-41.5	0.0000	-41.5					
18.5	36.3900	1993.8	36.3900	0.0000	36.4	0.0000	-66.2	1993.80	-66.2	0.0000	-66.2					
	6.5600	12148.5	6.5600	0.0000	6.6	0.0000	-33.4	12148.48	-33.4	0.0000	-33.4					
267.6	-9.7100	907.5	-9.7100	0.0000	-9.7	0.0000	-16.1	907.47	-16.1	0.0000	-16.1					
	7.1500	1455.3	7.1500	0.0000	7.2	0.0000	-33.4	1455.34	-33.4	0.0000	-33.4					
	0.8900	1331.0	0.8900	0.0000	0.9	0.0000	-26.1	1330.97	-26.1	0.0000	-26.1					
	11.1800	1174.6	11.1800	0.0000	11.2	0.0000	-39.5	1174.59	-39.5	0.0000	-39.5					
	12.3300	1426.2	12.3300	0.0000	12.3	0.0000	-38.3	1426.23	-38.3	0.0000	-38.3					
	4.4000	484.9	4.4000	0.0000	4.4	0.0000	-33.3	484.93	-33.3	0.0000	-33.3					
	8.2900	1194.8	8.2900	0.0000	8.3	0.0000	-37.4	1194.84	-37.4	0.0000	-37.4					
	-34.2600	1283.8	-34.2600	0.0000	-34.3	0.0000	10.9	1283.82	10.9	0.0000	10.9					
	-6.0900	1908.8	-6.0900	0.0000	-6.1	0.0000	-18.9	1908.82	-18.9	0.0000	-18.9					
	19.2300	1253.4	19.2300	0.0000	19.2	0.0000	-49.0	1253.38	-49.0	0.0000	-49.0					
	-5.0100	2253.4	-5.0100	0.0000	-5.0	0.0000	-21.0	2253.38	-21.0	0.0000	-21.0					
	-5.7500	1698.8	-5.7500	0.0000	-5.8	0.0000	-23.1	1698.83	-23.1	0.0000	-23.1					
	14.0600	1659.0	14.0600	0.0000	14.1	0.0000	-39.9	1659.03	-39.9	0.0000	-39.9					
	-14.8100	1431.1	-14.8100	0.0000	-14.8	0.0000	-15.0	1431.08	-15.0	0.0000	-15.0					
	12.1800	2331.6	12.1800	0.0000	12.2	0.0000	-41.7	2331.58	-41.7	0.0000	-41.7					
	-10.6100	907.5	-10.6100	0.0000	-10.6	0.0000	-15.2	907.47	-15.2	0.0000	-15.2					
	-14.3600	13162.9	-14.3600	0.0000	-14.4	0.0000	-15.0	13162.93	-15.0	0.0000	-15.0					
	17.1700	2484.7	17.1700	0.0000	17.2	0.0000	-45.9	2484.69	-45.9	0.0000	-45.9					
	40.1100	1414.4	40.1100	0.0000	40.1	0.0000	-70.1	1414.43	-70.1	0.0000	-70.1					
	24.8700	4317.5	24.8700	0.0000	24.9	0.0000	-54.5	4317.52	-54.5	0.0000	-54.5					
	-16.8200	2207.1	-16.8200	0.0000	-16.8	0.0000	-7.1	2207.11	-7.1	0.0000	-7.1					
	16.7400	8766.0	16.7400	0.0000	16.7	0.0000	-46.7	8765.97	-46.7	0.0000	-46.7					
	-13.3400	1389.5	-13.3400	0.0000	-13.3	0.0000	-10.3	1389.55	-10.3	0.0000	-10.3					
	4.7600	11023.0	4.7600	0.0000	4.8	0.0000	-29.8	11022.99	-29.8	0.0000	-29.8					
	30.8000	3305.4	30.8000	0.0000	30.8	0.0000	-60.8	3305.42	-60.8	0.0000	-60.8					
	-26.3500	538.7	-26.3500	0.0000	-26.4	0.0000	-10.2	538.72	-10.2	0.0000	-10.2					
	-40.6400	692.2	-40.6400	0.0000	-40.6	0.0000	4.1	692.16	4.1	0.0000	4.1					
	-28.2500	3619.3	-28.2500	0.0000	-28.3	0.0000	-7.7	3619.30	-7.7	0.0000	-7.7					
	-12.7400	1112.8	-12.7400	0.0000	-12.7	0.0000	-16.2	1112.82	-16.2	0.0000	-16.2					
	-19.3000	2100.4	-19.3000	0.0000	-19.3	0.0000	-14.9	2100.36	-14.9	0.0000	-14.9					
	-36.3400	812.0	-36.3400	0.0000	-36.3	0.0000	1.5	812.03	1.5	0.0000	1.5					
	-30.3800	10329.6	-30.3800	0.0000	-30.4	0.0000	-11.7	10329.60	-11.7	0.0000	-11.7					
	-21.2500	1045.2	-21.2500	0.0000	-21.3	0.0000	-15.2	1045.22	-15.2	0.0000	-15.2					
	5.5700	2508.4	5.5700	0.0000	5.6	0.0000	-34.6	2508.44	-34.6	0.0000	-34.6					
	-2.8500	957.1	-2.8500	0.0000	-2.9	0.0000	-29.2	957.08	-29.2	0.0000	-29.2					
	-26.6500	2994.5	-26.6500	0.0000	-26.7	0.0000	-7.7	2994.50	-7.7	0.0000	-7.7					
	-20.6500	971.8	-20.6500	0.0000	-20.7	0.0000	-14.8	971.78	-14.8	0.0000	-14.8					
	-13.6600	1037.2	-13.6600	0.0000	-13.7	0.0000	-23.3	1037.24	-23.3	0.0000	-23.3					
	-23.2600	1040.3	-23.2600	0.0000	-23.3	0.0000	-3.1	1040.33	-3.1	0.0000	-3.1					
	4.4000	1141.8	4.4000	0.0000	4.4	0.0000	-35.6	1141.77	-35.6	0.0000	-35.6					
	-8.4800	3834.9	-8.4800	0.0000	-8.5	0.0000	-28.1	3834.86	-28.1	0.0000	-28.1					
	-0.1100	1344.5	-0.1100	0.0000	-0.1	0.0000	-39.2	1344.54	-39.2	0.0000	-39.2					
	-24.1000	1242.9	-24.1000	0.0000	-24.1	0.0000	-12.8	1242.93	-12.8	0.0000	-12.8					
	-31.4100	1416.7	-31.4100	0.0000	-31.4	0.0000	-2.2	1416.75	-2.2	0.0000	-2.2					

4.5500	1757.6	4.5500	0.0000	4.6	0.0000	-39.0	1757.56	-39.0	0.0000	-39.0
-1.2000	2286.7	-1.2000	0.0000	-1.2	0.0000	-33.1	2286.69	-33.1	0.0000	-33.1
-15.2700	1076.1	-15.2700	0.0000	-15.3	0.0000	-17.7	1076.14	-17.7	0.0000	-17.7
-4.6700	13408.8	-4.6700	0.0000	-4.7	0.0000	-32.3	13408.76	-32.3	0.0000	-32.3
-11.9100	8876.7	-11.9100	0.0000	-11.9	0.0000	-24.6	8876.67	-24.6	0.0000	-24.6
-40.9800	1004.6	-40.9800	0.0000	-41.0	0.0000	7.1	1004.59	7.1	0.0000	7.1
-28.5100	1638.4	-28.5100	0.0000	-28.5	0.0000	-5.0	1638.41	-5.0	0.0000	-5.0
-23.2400	2025.7	-23.2400	0.0000	-23.2	0.0000	-12.7	2025.73	-12.7	0.0000	-12.7
-29.4100	185.7	-29.4100	0.0000	-29.4	0.0000	-8.4	185.74	-8.4	0.0000	-8.4
-26.0900	799.1	-26.0900	0.0000	-26.1	0.0000	-8.1	799.11	-8.1	0.0000	-8.1
-18.5100	2434.0	-18.5100	0.0000	-18.5	0.0000	-18.0	2434.03	-18.0	0.0000	-18.0
-10.1200	1895.1	-10.1200	0.0000	-10.1	0.0000	-14.2	1895.06	-14.2	0.0000	-14.2
-26.1500	739.5	-26.1500	0.0000	-26.2	0.0000	14.0	739.53	14.0	0.0000	14.0
15.1200	1496.6	15.1200	0.0000	15.1	0.0000	-15.0	1496.61	-15.0	0.0000	-15.0
-11.6500	1502.0	-11.6500	0.0000	-11.7	0.0000	-2.8	1502.03	-2.8	0.0000	-2.8
3.5700	1840.1	3.5700	0.0000	3.6	0.0000	-25.7	1840.09	-25.7	0.0000	-25.7
-1.5000	1408.2	-1.5000	0.0000	-1.5	0.0000	-22.6	1408.23	-22.6	0.0000	-22.6
22.5600	2037.6	22.5600	0.0000	22.6	0.0000	-34.9	2037.60	-34.9	0.0000	-34.9
23.3700	1883.6	23.3700	0.0000	23.4	0.0000	-44.3	1883.63	-44.3	0.0000	-44.3
-12.4200	1409.1	-12.4200	0.0000	-12.4	0.0000	-11.5	1409.08	-11.5	0.0000	-11.5
19.1000	1293.0	19.1000	0.0000	19.1	0.0000	-44.4	1292.96	-44.4	0.0000	-44.4
45.6900	1235.1	45.6900	0.0000	45.7	0.0000	-71.7	1235.11	-71.7	0.0000	-71.7
4.0200	1904.4	4.0200	0.0000	4.0	0.0000	-28.4	1904.37	-28.4	0.0000	-28.4
-33.2600	1364.7	-33.2600	0.0000	-33.3	0.0000	9.4	1364.66	9.4	0.0000	9.4
9.8400	3063.4	9.8400	0.0000	9.8	0.0000	-31.6	3063.37	-31.6	0.0000	-31.6
10.2900	1517.1	10.2900	0.0000	10.3	0.0000	-32.1	1517.14	-32.1	0.0000	-32.1
9.8700	1294.7	9.8700	0.0000	9.9	0.0000	-35.5	1294.74	-35.5	0.0000	-35.5
-1.5200	4046.1	-1.5200	0.0000	-1.5	0.0000	-22.2	4046.12	-22.2	0.0000	-22.2
0.5800	1286.7	0.5800	0.0000	0.6	0.0000	-25.9	1286.69	-25.9	0.0000	-25.9
9.4200	2017.0	9.4200	0.0000	9.4	0.0000	-31.6	2017.00	-31.6	0.0000	-31.6
2.8400	852.4	2.8400	0.0000	2.8	0.0000	-20.9	852.43	-20.9	0.0000	-20.9
8.2900	2833.8	8.2900	0.0000	8.3	0.0000	-21.2	2833.78	-21.2	0.0000	-21.2
32.9500	397.2	32.9500	0.0000	33.0	0.0000	-52.5	397.16	-52.5	0.0000	-52.5
2.0800	7080.1	2.0800	0.0000	2.1	0.0000	-24.1	7080.14	-24.1	0.0000	-24.1
-12.0000	2786.7	-12.0000	0.0000	-12.0	0.0000	-11.6	2786.66	-11.6	0.0000	-11.6
-33.0900	1726.9	-33.0900	0.0000	-33.1	0.0000	12.1	1726.89	12.1	0.0000	12.1
-4.7600	7072.7	-4.7600	0.0000	-4.8	0.0000	-17.6	7072.65	-17.6	0.0000	-17.6
6.5300	1581.1	6.5300	0.0000	6.5	0.0000	-26.3	1581.09	-26.3	0.0000	-26.3
0.4700	13429.2	0.4700	0.0000	0.5	0.0000	-24.4	13429.15	-24.4	0.0000	-24.4
-14.3000	2452.9	-14.3000	0.0000	-14.3	0.0000	-7.1	2452.85	-7.1	0.0000	-7.1
-19.3200	14968.5	-19.3200	0.0000	-19.3	0.0000	-5.1	14968.54	-5.1	0.0000	-5.1
-35.6300	7934.6	-35.6300	0.0000	-35.6	0.0000	12.7	7934.61	12.7	0.0000	12.7
-40.5200	14968.5	-40.5200	0.0000	-40.5	0.0000	16.1	14968.54	16.1	0.0000	16.1
-32.6700	1493.3	-32.6700	0.0000	-32.7	0.0000	8.6	1493.31	8.6	0.0000	8.6
0.7100	1326.4	0.7100	0.0000	0.7	0.0000	-15.8	1326.37	-15.8	0.0000	-15.8
-12.6300	3777.5	-12.6300	0.0000	-12.6	0.0000	-12.9	3777.54	-12.9	0.0000	-12.9
22.5300	8641.6	22.5300	0.0000	22.5	0.0000	-44.5	8641.60	-44.5	0.0000	-44.5
20.1900	6666.8	20.1900	0.0000	20.2	0.0000	-40.7	6666.81	-40.7	0.0000	-40.7
14.9300	19363.4	14.9300	0.0000	14.9	0.0000	-36.6	19363.36	-36.6	0.0000	-36.6
5.3600	708.2	5.3600	0.0000	5.4	0.0000	-23.9	708.21	-23.9	0.0000	-23.9
-3.5100	886.4	-3.5100	0.0000	-3.5	0.0000	-18.6	886.41	-18.6	0.0000	-18.6
24.2600	14556.7	24.2600	0.0000	24.3	0.0000	-45.5	14556.74	-45.5	0.0000	-45.5
16.4500	1895.7	16.4500	0.0000	16.5	0.0000	-38.2	1895.74	-38.2	0.0000	-38.2

5.9200	492.9	5.9200	0.0000	5.9	0.0000	-23.8	492.94	-23.8	0.0000	-23.8
5.5800	1984.7	5.5800	0.0000	5.6	0.0000	-25.1	1984.70	-25.1	0.0000	-25.1
24.1800	2797.5	24.1800	0.0000	24.2	0.0000	-44.3	2797.46	-44.3	0.0000	-44.3
37.0100	3819.5	37.0100	0.0000	37.0	0.0000	-57.3	3819.50	-57.3	0.0000	-57.3
24.4200	1267.5	24.4200	0.0000	24.4	0.0000	-44.2	1267.52	-44.2	0.0000	-44.2
24.0500	667.8	24.0500	0.0000	24.1	0.0000	-42.1	667.84	-42.1	0.0000	-42.1
20.6200	3580.2	20.6200	0.0000	20.6	0.0000	-37.7	3580.16	-37.7	0.0000	-37.7
32.2700	1433.1	32.2700	0.0000	32.3	0.0000	-52.3	1433.06	-52.3	0.0000	-52.3
17.8900	1459.4	17.8900	0.0000	17.9	0.0000	-39.7	1459.39	-39.7	0.0000	-39.7
21.6100	1739.1	21.6100	0.0000	21.6	0.0000	-43.3	1739.10	-43.3	0.0000	-43.3
10.1400	853.4	10.1400	0.0000	10.1	0.0000	-31.0	853.37	-31.0	0.0000	-31.0
8.0100	1555.5	8.0100	0.0000	8.0	0.0000	-28.9	1555.50	-28.9	0.0000	-28.9
12.2000	2815.8	12.2000	0.0000	12.2	0.0000	-34.4	2815.80	-34.4	0.0000	-34.4
47.3100	3164.2	47.3100	0.0000	47.3	0.0000	-67.3	3164.20	-67.3	0.0000	-67.3
20.7100	1375.4	20.7100	0.0000	20.7	0.0000	-39.9	1375.35	-39.9	0.0000	-39.9
-0.0500	635.3	-0.0500	0.0000	0.0	0.0000	-22.0	635.33	-22.0	0.0000	-22.0
19.0300	1606.8	19.0300	0.0000	19.0	0.0000	-39.7	1606.76	-39.7	0.0000	-39.7
14.3200	1118.9	14.3200	0.0000	14.3	0.0000	-36.4	1118.88	-36.4	0.0000	-36.4
27.4500	4513.4	27.4500	0.0000	27.5	0.0000	-48.3	4513.41	-48.3	0.0000	-48.3
-9.7100	630.8	-9.7100	0.0000	-9.7	0.0000	-6.3	630.80	-6.3	0.0000	-6.3
4.2900	868.4	4.2900	0.0000	4.3	0.0000	-24.2	868.41	-24.2	0.0000	-24.2
20.1600	6487.9	20.1600	0.0000	20.2	0.0000	-41.7	6487.88	-41.7	0.0000	-41.7
25.0500	5944.7	25.0500	0.0000	25.1	0.0000	-45.0	5944.73	-45.0	0.0000	-45.0
-12.4100	879.1	-12.4100	0.0000	-12.4	0.0000	-5.6	879.06	-5.6	0.0000	-5.6
18.9200	444.5	18.9200	0.0000	18.9	0.0000	-27.5	444.51	-27.5	0.0000	-27.5
23.1400	2895.8	23.1400	0.0000	23.1	0.0000	-40.8	2895.81	-40.8	0.0000	-40.8
31.4700	1165.3	31.4700	0.0000	31.5	0.0000	-49.6	1165.35	-49.6	0.0000	-49.6
23.9600	5252.3	23.9600	0.0000	24.0	0.0000	-45.9	5252.29	-45.9	0.0000	-45.9
-20.7300	5781.0	-20.7300	0.0000	-20.7	0.0000	-1.5	5781.01	-1.5	0.0000	-1.5
33.2600	608.5	33.2600	0.0000	33.3	0.0000	-54.7	608.49	-54.7	0.0000	-54.7
19.2500	1890.8	19.2500	0.0000	19.3	0.0000	-40.1	1890.78	-40.1	0.0000	-40.1
24.0700	2395.8	24.0700	0.0000	24.1	0.0000	-41.9	2395.84	-41.9	0.0000	-41.9
30.2100	986.8	30.2100	0.0000	30.2	0.0000	-51.8	986.78	-51.8	0.0000	-51.8
9.6500	3294.8	9.6500	0.0000	9.6	0.0000	-31.7	3294.77	-31.7	0.0000	-31.7
1.1500	18912.9	1.1500	0.0000	1.2	0.0000	-21.3	18912.88	-21.3	0.0000	-21.3
2.9300	1637.9	2.9300	0.0000	2.9	0.0000	-19.2	1637.95	-19.2	0.0000	-19.2
-26.2600	8525.3	-26.2600	0.0000	-26.3	0.0000	8.2	8525.30	8.2	0.0000	8.2
19.6700	5964.1	19.6700	0.0000	19.7	0.0000	-40.3	5964.14	-40.3	0.0000	-40.3
13.1700	1754.7	13.1700	0.0000	13.2	0.0000	-30.6	1754.73	-30.6	0.0000	-30.6
-22.2700	1728.2	-22.2700	0.0000	-22.3	0.0000	-5.5	1728.21	-5.5	0.0000	-5.5
19.7700	865.8	19.7700	0.0000	19.8	0.0000	-31.1	865.83	-31.1	0.0000	-31.1
-2.8100	981.0	-2.8100	0.0000	-2.8	0.0000	-4.4	981.01	-4.4	0.0000	-4.4
18.0400	1547.5	18.0400	0.0000	18.0	0.0000	-30.7	1547.46	-30.7	0.0000	-30.7
-26.5200	538.7	-26.5200	0.0000	-26.5	0.0000	6.9	538.72	6.9	0.0000	6.9
-42.4500	692.2	-42.4500	0.0000	-42.5	0.0000	22.9	692.16	22.9	0.0000	22.9
-26.2700	1112.8	-26.2700	0.0000	-26.3	0.0000	14.3	1112.82	14.3	0.0000	14.3
-5.3800	2100.4	-5.3800	0.0000	-5.4	0.0000	-11.9	2100.36	-11.9	0.0000	-11.9
14.3000	10329.6	14.3000	0.0000	14.3	0.0000	-39.4	10329.60	-39.4	0.0000	-39.4
-4.5800	1045.2	-4.5800	0.0000	-4.6	0.0000	-14.9	1045.22	-14.9	0.0000	-14.9
-4.6400	2508.4	-4.6400	0.0000	-4.6	0.0000	-7.4	2508.44	-7.4	0.0000	-7.4
-12.3500	935.8	-12.3500	0.0000	-12.4	0.0000	-2.7	935.80	-2.7	0.0000	-2.7
-15.0400	2994.5	-15.0400	0.0000	-15.0	0.0000	-2.3	2994.50	-2.3	0.0000	-2.3
-13.6300	971.8	-13.6300	0.0000	-13.6	0.0000	-4.8	971.78	-4.8	0.0000	-4.8

1.8600	1037.2	1.8600	0.0000	1.9	0.0000	-21.9	1037.24	-21.9	0.0000	-21.9
-47.4800	1040.3	-47.4800	0.0000	-47.5	0.0000	38.1	1040.33	38.1	0.0000	38.1
-7.7600	1141.8	-7.7600	0.0000	-7.8	0.0000	-6.5	1141.77	-6.5	0.0000	-6.5
21.6400	3834.9	21.6400	0.0000	21.6	0.0000	-41.2	3834.86	-41.2	0.0000	-41.2
16.2000	1344.5	16.2000	0.0000	16.2	0.0000	-38.5	1344.54	-38.5	0.0000	-38.5
8.1000	1242.9	8.1000	0.0000	8.1	0.0000	-28.1	1242.93	-28.1	0.0000	-28.1
-12.6600	1416.7	-12.6600	0.0000	-12.7	0.0000	-3.9	1416.75	-3.9	0.0000	-3.9
-2.1400	1757.6	-2.1400	0.0000	-2.1	0.0000	-15.3	1757.56	-15.3	0.0000	-15.3
-44.9000	1076.1	-44.9000	0.0000	-44.9	0.0000	28.9	1076.14	28.9	0.0000	28.9
-12.8500	13408.8	-12.8500	0.0000	-12.9	0.0000	-7.1	13408.76	-7.1	0.0000	-7.1
4.1600	4066.3	4.1600	0.0000	4.2	0.0000	-23.2	4066.27	-23.2	0.0000	-23.2
21.4300	4591.7	21.4300	0.0000	21.4	0.0000	-41.4	4591.71	-41.4	0.0000	-41.4
-46.2400	1004.6	-46.2400	0.0000	-46.2	0.0000	29.3	1004.59	29.3	0.0000	29.3
-6.6100	1638.4	-6.6100	0.0000	-6.6	0.0000	-9.9	1638.41	-9.9	0.0000	-9.9
-41.9100	1146.9	-41.9100	0.0000	-41.9	0.0000	23.5	1146.95	23.5	0.0000	23.5
-32.3400	2025.9	-32.3400	0.0000	-32.3	0.0000	13.4	2025.91	13.4	0.0000	13.4
-24.7200	191.9	-24.7200	0.0000	-24.7	0.0000	3.9	191.95	3.9	0.0000	3.9
-1.8400	1359.3	-1.8400	0.0000	-1.8	0.0000	-15.4	1359.33	-15.4	0.0000	-15.4
13.7400	2355.8	13.7400	0.0000	13.7	0.0000	-33.3	2355.84	-33.3	0.0000	-33.3
-5.2800	833.8	-5.2800	0.0000	-5.3	0.0000	-1.2	833.77	-1.2	0.0000	-1.2
7.0800	648.6	7.0800	0.0000	7.1	0.0000	-13.4	648.60	-13.4	0.0000	-13.4
38.6800	1292.6	38.6800	0.0000	38.7	0.0000	-51.1	1292.65	-51.1	0.0000	-51.1
-15.8100	1042.7	-15.8100	0.0000	-15.8	0.0000	24.3	1042.65	24.3	0.0000	24.3
27.8100	1564.8	27.8100	0.0000	27.8	0.0000	-40.1	1564.82	-40.1	0.0000	-40.1
-26.8600	596.8	-26.8600	0.0000	-26.9	0.0000	20.4	596.83	20.4	0.0000	20.4
1.7100	870.6	1.7100	0.0000	1.7	0.0000	-10.7	870.56	-10.7	0.0000	-10.7
-11.8100	537.6	-11.8100	0.0000	-11.8	0.0000	10.0	537.56	10.0	0.0000	10.0
14.9800	876.6	14.9800	0.0000	15.0	0.0000	-22.5	876.61	-22.5	0.0000	-22.5
-8.5500	1099.7	-8.5500	0.0000	-8.6	0.0000	5.6	1099.71	5.6	0.0000	5.6
-24.1600	787.0	-24.1600	0.0000	-24.2	0.0000	26.1	787.04	26.1	0.0000	26.1
22.1800	1922.0	22.1800	0.0000	22.2	0.0000	-32.4	1921.96	-32.4	0.0000	-32.4
9.8700	866.6	9.8700	0.0000	9.9	0.0000	-18.6	866.55	-18.6	0.0000	-18.6
3.5000	982.7	3.5000	0.0000	3.5	0.0000	-9.4	982.66	-9.4	0.0000	-9.4
13.8700	2070.7	13.8700	0.0000	13.9	0.0000	-20.0	2070.70	-20.0	0.0000	-20.0
31.1800	1920.9	31.1800	0.0000	31.2	0.0000	-40.6	1920.87	-40.6	0.0000	-40.6
-5.4000	988.1	-5.4000	0.0000	-5.4	0.0000	-1.2	988.13	-1.2	0.0000	-1.2
-4.9400	815.6	-4.9400	0.0000	-4.9	0.0000	2.9	815.62	2.9	0.0000	2.9
1.6800	735.3	1.6800	0.0000	1.7	0.0000	7.3	735.29	7.3	0.0000	7.3
-1.1000	5146.9	-1.1000	0.0000	-1.1	0.0000	-5.1	5146.86	-5.1	0.0000	-5.1
-17.6400	2060.6	-17.6400	0.0000	-17.6	0.0000	14.5	2060.65	14.5	0.0000	14.5
2.4700	865.1	2.4700	0.0000	2.5	0.0000	-13.8	865.12	-13.8	0.0000	-13.8
32.4800	590.6	32.4800	0.0000	32.5	0.0000	-40.1	590.56	-40.1	0.0000	-40.1
19.5400	700.8	19.5400	0.0000	19.5	0.0000	-31.3	700.82	-31.3	0.0000	-31.3
-18.1500	708.8	-18.1500	0.0000	-18.2	0.0000	8.0	708.80	8.0	0.0000	8.0
6.5100	570.7	6.5100	0.0000	6.5	0.0000	-7.9	570.65	-7.9	0.0000	-7.9
-17.0000	803.7	-17.0000	0.0000	-17.0	0.0000	23.8	803.73	23.8	0.0000	23.8
-11.7700	552.8	-11.7700	0.0000	-11.8	0.0000	7.7	552.76	7.7	0.0000	7.7
16.1600	607.3	16.1600	0.0000	16.2	0.0000	-28.0	607.30	-28.0	0.0000	-28.0
-10.3100	566.2	-10.3100	0.0000	-10.3	0.0000	3.4	566.23	3.4	0.0000	3.4
9.5300	970.7	9.5300	0.0000	9.5	0.0000	-15.6	970.71	-15.6	0.0000	-15.6
17.0300	1387.3	17.0300	0.0000	17.0	0.0000	-22.7	1387.31	-22.7	0.0000	-22.7
-4.9400	1244.6	-4.9400	0.0000	-4.9	0.0000	-5.4	1244.61	-5.4	0.0000	-5.4
-9.4800	928.2	-9.4800	0.0000	-9.5	0.0000	1.9	928.17	1.9	0.0000	1.9

-28.5600	607.2	-28.5600	0.0000	-28.6	0.0000	22.8	607.25	22.8	0.0000	22.8
-1.5600	6253.7	-1.5600	0.0000	-1.6	0.0000	-5.9	6253.74	-5.9	0.0000	-5.9
1.7700	1577.0	1.7700	0.0000	1.8	0.0000	-3.1	1576.96	-3.1	0.0000	-3.1
28.1400	579.2	28.1400	0.0000	28.1	0.0000	-40.1	579.24	-40.1	0.0000	-40.1
-4.1500	1053.7	-4.1500	0.0000	-4.2	0.0000	0.3	1053.74	0.3	0.0000	0.3
46.4900	4663.4	46.4900	0.0000	46.5	0.0000	-57.6	4663.39	-57.6	0.0000	-57.6
24.9600	585.7	24.9600	0.0000	25.0	0.0000	-32.5	585.71	-32.5	0.0000	-32.5
-4.7000	846.6	-4.7000	0.0000	-4.7	0.0000	-5.8	846.60	-5.8	0.0000	-5.8
-14.1400	489.8	-14.1400	0.0000	-14.1	0.0000	15.5	489.77	15.5	0.0000	15.5
29.5800	648.2	29.5800	0.0000	29.6	0.0000	-38.8	648.25	-38.8	0.0000	-38.8
16.2800	4268.2	16.2800	0.0000	16.3	0.0000	-27.5	4268.16	-27.5	0.0000	-27.5
-2.7500	1031.7	-2.7500	0.0000	-2.8	0.0000	-2.1	1031.72	-2.1	0.0000	-2.1
-4.8900	992.1	-4.8900	0.0000	-4.9	0.0000	5.3	992.15	5.3	0.0000	5.3
-15.5100	803.2	-15.5100	0.0000	-15.5	0.0000	15.7	803.20	15.7	0.0000	15.7



Meas+FSF	the[1]	adiffv	strmode	d	illr err	d	itwom err	ILLR error squared
-39.7	0.0185	0.0145	1_Hrzn_Diff	62.0	-3.4829	62.0	-1.74	12.13059
-40.2	0.0223	0.0236	1_Hrzn_Diff	52.5	-6.9189	52.5	0.28	
-18.5	0.0131	0.0134	1_Hrzn_Diff	26.4	-1.9516	26.4	-16.69	
-33.8	0.0247	0.0508	1_Hrzn_Diff	66.4	-3.0098	66.4	-13.33	
-28.2	0.0166	0.0076	1_Hrzn_Diff	39.7	1.9475	39.7	-11.08	
-56.5	0.0146	0.0191	1_Hrzn_Diff	99.5	-2.8215	99.5	5.79	
-42.6	0.0203	0.0167	1_Hrzn_Diff	56.1	-6.1205	56.1	6.8	
-43.8	0.0254	0.0354	1_Hrzn_Diff	108.6	-36.8839	108.6	-14.05	
-40.9	0.0275	0.0399	1_Hrzn_Diff	72.9	-1.4721	72.9	-7.36	
							3.42	
							-0.18	
							-10.01	
							-0.88	
							-7.43	
							-15.65	
							-7.7	
							-9.15	
							1.63	
							0.85	
							-6.19	
							-0.54	
							-8.18	
							-19.15	
							-3.17	
							9.13	
							20.38	
							-20.59	
							-24.48	
							-3.02	
							-12.21	
-44.1	0.0117	0.0341	1_Hrzn_Diff	55.5	13.7	55.5	-22.87	
-39.8	0.0191	0.0125	1_Hrzn_Diff	60.1	8.3	60.1	-15.44	
-46.3	0.0216	0.0216	1_Hrzn_Diff	69.4	24	69.4	-14.06	
-27.0	0.0165	0.0144	1_Hrzn_Diff	55.0	9.8	55.0	-29.88	
-31.2	0.0183	0.0095	1_Hrzn_Diff	59.6	12.1	59.6	-24.04	
-31.5	0.0179	0.0123	1_Hrzn_Diff	73.9	-32.4	73.9	-29.36	
			ff	70.0	16.9	70.0	-19.8	
			ff	73.6	18.5	73.6	-22.62	
			ff	79.1	7.9	79.1	-27.69	
			ff	83.4	29.6	83.4	-20.4	
			ff	40.3	21.6	40.3	1.5	
			ff	69.6	27.8	69.6	-26.9	
			ff	75.0	27.2	75.0	-20.24	
			ff	62.4	6.9	62.4	-20.38	
			ff	68.9	5	68.9	-26.73	
			ff	73.1	20.1	73.1	-27.09	
			ff	44.3	42.4	44.3	9.51	
			ff	21.2	21.1	21.2	-3.98	
			ff	25.9	16.5	25.9	-6.94	
			ff	30.6	21.5	30.6	-8.94	
			ff	40.1	-5.6	40.1	-13.24	
								357.21
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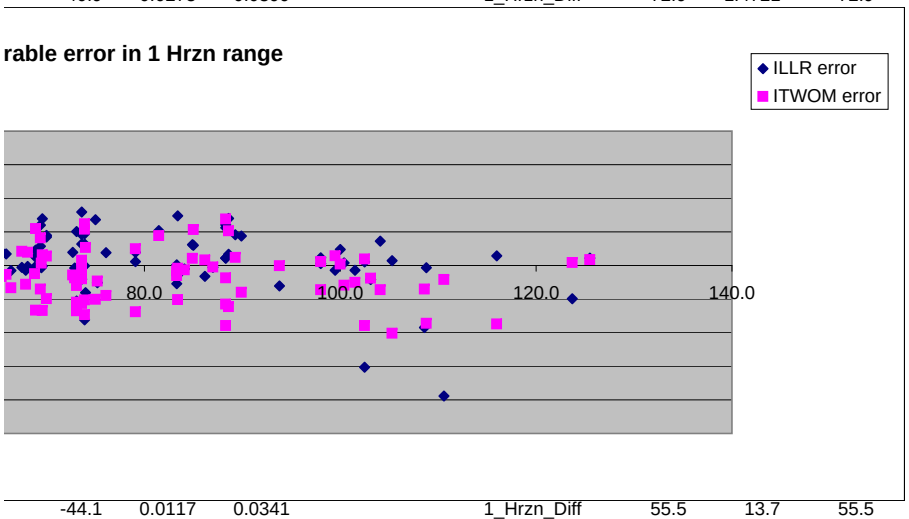
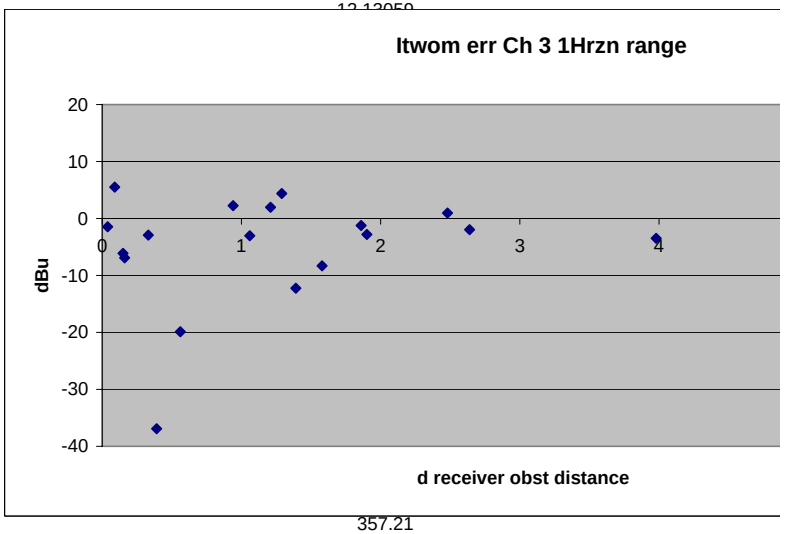
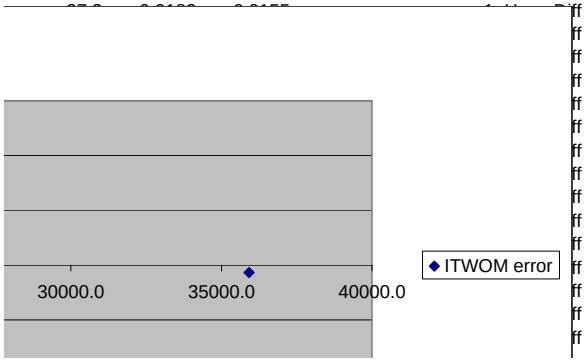


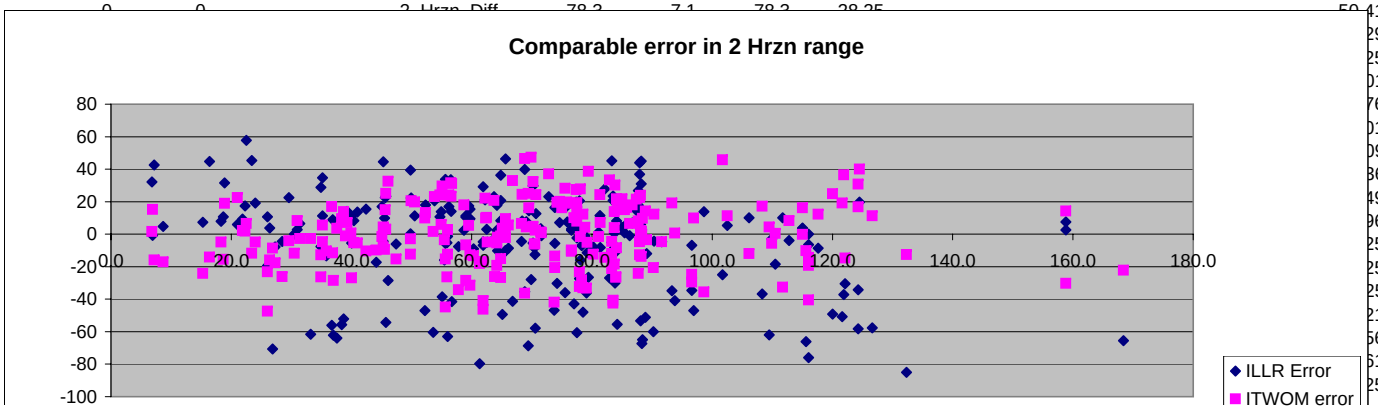


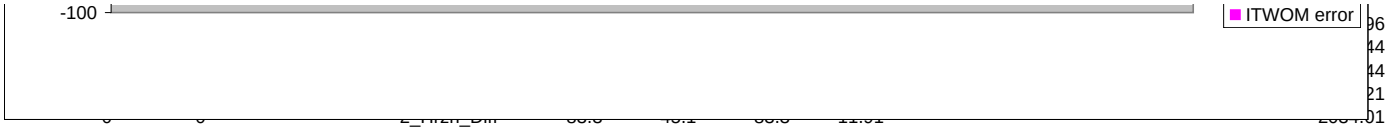


				ff	64.0	23.3	64.0	-21.64	542.89
				ff	73.1	-21.2	73.1	-21.83	449.44
				ff	88.3	24.2	88.3	-35.88	585.64
				ff	58.9	21	58.9	-25.09	441
				ff	73.6	31.8	73.6	-7.91	1011.24
				ff	88.3	22.4	88.3	-22.98	501.76
-26.5	0.0162	0.0073	1_Hrzn_Diff	ff	35.4	11.4874	35.4	-8.28	131.9604
-51.9	0.0166	0.012	1_Hrzn_Diff		65.1	1.6896	65.1	8.03	2.854748
-68.4	0.0102	0.0314	1_Hrzn_Diff		35.1	18.7067	35.1	27.17	349.9406
-68.1	0.0154	0.0073	1_Hrzn_Diff		42.9	8.5234	42.9	30.33	72.64835
-51.1	0.0173	0.0091	1_Hrzn_Diff		74.0	-16.1823	74.0	10.75	261.8668
-35.9	0.0168	0.0123	1_Hrzn_Diff		48.0	-20.1345	48.0	-1.08	405.3981
-62.3	0.0151	0.0052	1_Hrzn_Diff		52.7	-5.0629	52.7	27.17	25.63296
-36.0	0.0209	0.0237	1_Hrzn_Diff		44.7	-14.5419	44.7	3.18	211.4669
-35.8	0.0223	0.0277	1_Hrzn_Diff		30.1	-0.1051	30.1	2.26	0.011046
-39.3	0.0112	0.0289	1_Hrzn_Diff		27.0	2.6894	27.0	6.78	7.232872
-33.3	0.0189	0.0195	1_Hrzn_Diff		15.7	11.2297	15.7	11.21	126.1062
-32.1	0.0164	0.0076	1_Hrzn_Diff		14.4	11.4279	14.4	9.32	130.5969
-41.3	0.0143	0.0063	1_Hrzn_Diff		86.2	-6.5313	86.2	3.22	42.65788
-33.2	0.0161	0.0121	1_Hrzn_Diff		104.1	14.5578	104.1	-14.56	211.9295
-9.8	0.0187	0.0144	1_Hrzn_Diff		102.5	2.0433	102.5	-35.79	4.175075
-51.1	0.0178	0.0147	1_Hrzn_Diff		98.0	4.588	98.0	2.28	21.04974
-27.0	0.0147	0.0055	1_Hrzn_Diff		100.4	1.6065	100.4	-11.8	2.580842
-43.0	0.0147	0.0081	1_Hrzn_Diff		67.5	-1.1199	67.5	8.46	1.254176
-34.3	0.0178	0.0147	1_Hrzn_Diff		98.0	1.1364	98.0	-14.52	1.291405
-49.4	0.0187	0.0144	1_Hrzn_Diff		102.5	-60.6	102.5	3.81	3672.36
-45.7	0.0178	0.0077	1_Hrzn_Diff		62.4	15.4181	62.4	10.2	237.7178
-19.8	0.0188	0.024	1_Hrzn_Diff		116.0	5.722	116.0	-34.81	32.74128
-44.1	0.0151	0.0062	1_Hrzn_Diff		68.1	-0.5846	68.1	7.74	0.341757
-21.4	0.0126	0.028	1_Hrzn_Diff		108.8	-1.3576	108.8	-34.4	1.843078
-30.4	0.0193	0.0158	1_Hrzn_Diff		89.9	17.451	89.9	-15.98	304.5374
-9.8	0.0193	0.0136	1_Hrzn_Diff		105.3	2.9345	105.3	-40.39	8.61129
-48.4	0.0137	0.0184	1_Hrzn_Diff		69.5	-1.3185	69.5	1.28	1.738442
-30.4	0.0169	0.005	1_Hrzn_Diff		72.7	7.7837	72.7	-5.78	60.58599
-23.6	0.016	0.006	1_Hrzn_Diff		76.1	7.6623	76.1	-17.82	58.71084
-61.8	0.0191	0.0129	1_Hrzn_Diff		58.7	36.0843	58.7	28.97	1302.077
-53.8	0.0297	0.0527	1_Hrzn_Diff		52.6	25.9444	52.6	7.81	673.1119
-31.6	0.0134	0.0156	1_Hrzn_Diff		42.8	7.037	42.8	-1.32	49.51937
-73.3	0.0165	0.0168	1_Hrzn_Diff		60.1	-36.7	60.1	38.21	1346.89
-39.3	0.0145	0.0071	1_Hrzn_Diff		40.8	24.7026	40.8	0.81	610.2184
-52.3	0.0181	0.0299	1_Hrzn_Diff		84.9	12.4136	84.9	4.12	154.0975
-33.0	0.0175	0.0229	1_Hrzn_Diff		67.9	-2.9267	67.9	-11.19	8.565573
-41.0	0.125	0.2424	1_Hrzn_Diff		84.1	-2.0858	84.1	-2.71	4.350562
-63.6	0.0225	0.0279	1_Hrzn_Diff		85.0	12.0288	85.0	21.31	144.692
-66.9	0.0193	0.0153	1_Hrzn_Diff		48.9	25.4071	48.9	34.84	645.5207
-37.6	0.0201	0.0175	1_Hrzn_Diff		49.7	13.1235	49.7	5.87	172.2263
-58.3	0.0113	0.0283	1_Hrzn_Diff		89.3	18.199	89.3	4.8	331.2036
-39.1	0.0143	0.0163	1_Hrzn_Diff		83.3	0.2998	83.3	-3.18	0.08988
-67.2	0.0314	0.0847	1_Hrzn_Diff		81.5	20.8002	81.5	17.8	432.6483
-40.7	0.024	0.0362	1_Hrzn_Diff		65.4	8.11	65.4	-6.6	65.7721
-45.9	0.0074	0.0397	1_Hrzn_Diff		51.9	13.7072	51.9	0.09	187.8873
-40.7	0.0135	0.0128	1_Hrzn_Diff		32.4	24.5515	32.4	11.07	602.7762
-32.3	0.0146	0.0053	1_Hrzn_Diff		110.6	-77.7	110.6	-8.43	6037.29

-51.7	0.0149	0.0077	1_Hrzn_Diff	58.8	0.47	58.8	21.88	0.2209
-28.1	0.0143	0.0116	1_Hrzn_Diff	58.0	-16.2521	58.0	-7.05	264.1308
-42.1	0.0176	0.0067	1_Hrzn_Diff	31.1	19.394	31.1	20.38	376.1272
-41.8	0.0165	0.0043	1_Hrzn_Diff	47.5	11	47.5	12.95	121
-21.6	0.0152	0.003	1_Hrzn_Diff	45.5	12.3	45.5	-14.76	151.29
-27.7	0.0168	0.0048	1_Hrzn_Diff	44.0	18.6	44.0	-0.46	345.96
-48.6	0.0145	0.0059	1_Hrzn_Diff	39.2	40.5	39.2	19.78	1640.25
-48.7	0.015	0.0041	1_Hrzn_Diff	49.1	16.7	49.1	19.85	278.89
-30.2	0.0158	0.0035	1_Hrzn_Diff	68.8	-1.2	68.8	-4.97	1.44
-55.4	0.0162	0.0067	1_Hrzn_Diff	73.9	-0.1	73.9	21.5	0.01
-69.9	0.0207	0.0199	1_Hrzn_Diff	88.6	6.7	88.6	20.57	44.89
-39.8	0.0164	0.0032	1_Hrzn_Diff	25.7	35.4	25.7	11.26	1253.16
-47.4	0.0172	0.0055	1_Hrzn_Diff	30.4	41.7	30.4	21.33	1738.89
-61.0	0.0188	0.0117	1_Hrzn_Diff	55.5	22.1	55.5	19.52	488.41
-53.3	0.0174	0.0074	1_Hrzn_Diff	69.4	11.5	69.4	16.33	132.25
-54.9	0.0156	0.0043	1_Hrzn_Diff	60.1	12.4	60.1	23.84	153.76
-52.2	0.0151	0.0049	1_Hrzn_Diff	55.0	17.7	55.0	19.72	313.29
-73.9	0.0162	0.0032	1_Hrzn_Diff	59.6	38.2	59.6	43.47	1459.24
-62.8	0.0167	0.0042	1_Hrzn_Diff	73.9	12.7	73.9	24.82	161.29
-37.9	0.0171	0.0053	1_Hrzn_Diff	70.0	17.9	70.0	5.53	320.41
-31.4	0.0154	0.0037	1_Hrzn_Diff	73.6	-8.1	73.6	-2.37	65.61
-51.6	0.0173	0.0098	1_Hrzn_Diff	79.1	2.2	79.1	9.97	4.84
-47.1	0.0139	0.0124	1_Hrzn_Diff	83.4	-5.7	83.4	-1.68	32.49
-47.9	0.0148	0.0044	1_Hrzn_Diff	40.3	10.5	40.3	20.25	110.25
-42.7	0.0158	0.007	1_Hrzn_Diff	69.6	-0.3	69.6	6.31	0.09
-35.8	0.0189	0.0116	1_Hrzn_Diff	75.2	-10.3	75.2	-9.39	106.09
-70.4	0.0206	0.0177	1_Hrzn_Diff	65.1	24.7	65.1	25.93	610.09
-49.5	0.0172	0.0098	1_Hrzn_Diff	62.4	-1.1	62.4	15.05	1.21
-66.0	0.0124	0.016	1_Hrzn_Diff	68.9	9.1	68.9	21.86	82.81
-36.4	0.017	0.0196	1_Hrzn_Diff	73.1	-4.1	73.1	-11.96	16.81
-52.8	0.0143	0.0076	1_Hrzn_Diff	44.3	7.3	44.3	21.42	53.29
-29.1	0.0155	0.0038	1_Hrzn_Diff	25.9	26.6	25.9	-4.12	707.56
-26.4	0.0148	0.0055	1_Hrzn_Diff	30.6	22	30.6	0.29	484
-34.5	0.0145	0.0057	1_Hrzn_Diff	40.1	2.6	40.1	6.07	6.76
-43.6	0.0128	0.0185	1_Hrzn_Diff	65.9	6.9	65.9	-5.28	47.61
-45.5	0.0104	0.0312	1_Hrzn_Diff	88.3	4.4	88.3	-7.45	19.36
-48.4	0.0183	0.0101	1_Hrzn_Diff	58.9	6.9	58.9	12.77	47.61
-36.3	0.0146	0.0051	1_Hrzn_Diff	73.6	12.7	73.6	3.09	161.29
-71.9	0.0088	0.0332	1_Hrzn_Diff	88.3	4.4	88.3	27.67	19.36
-50.0	0	0	1_Hrzn_Diff	18.5	-60	18.5	5.67	3600
-38.5	0.0158	0.0033	1_Hrzn_Diff	7.4	45.7107	7.4	31.29	2089.468
-57.2	0.0187	0.0111	1_Hrzn_Diff	62.9	15.592	62.9	30.34	243.1105
-38.6	0.0169	0.0153	1_Hrzn_Diff	47.4	7.4089	47.4	10.15	54.8918
-50.6	0.017	0.0072	1_Hrzn_Diff	37.4	23.423	37.4	24.95	548.6369
-60.9	0.0142	0.0077	1_Hrzn_Diff	62.6	27.5385	62.6	36.89	758.369
-63.0	0.0171	0.005	1_Hrzn_Diff	14.3	39.261	14.3	45.34	1541.426
-52.0	0.0157	0.0064	1_Hrzn_Diff	45.1	-58	45.1	28	3364
-31.9	0.0173	0.0058	1_Hrzn_Diff	42.8	27.6868	42.8	5.37	766.5589
-56.6	0.0142	0.0071	1_Hrzn_Diff	54.0	-53.4	54.0	32.65	2851.56
-51.6	0.015	0.0049	1_Hrzn_Diff	58.5	-58.4	58.5	22.48	3410.56
-31.7	0.0175	0.0063	1_Hrzn_Diff	8.7	35.6228	8.7	16.24	1268.984
-39.0	0.0188	0.0155	1_Hrzn_Diff	64.5	20.5573	64.5	7.94	422.6026
-36.6	0.0153	0.0068	1_Hrzn_Diff	22.5	0.6512	22.5	13.26	0.424061

-50.9	0.0162	0.0035			1_Hrzn_Diff	6.1	65.7094	6.1	36						4317.725				
-66.0	0.0176	0.0067			1_Hrzn_Diff	15.1	39.0297	15.1	53.12						1523.317				
-22.2	0.0153	0.0037			1_Hrzn_Diff	16.8	25.9019	16.8	6.8						670.9084				
-30.2	0.0143	0.0137			1_Hrzn_Diff	23.8	15.6484	23.8	8.43					1hzn range	244.8724				
-16.5	0.0163	0.0056	total	ave	1_Hrzn_Diff	14.2	23.252	14.2	-1.99					ave ILLR	ave ITWOM	540.6555	sumsquares	variance	std dev
-44.6	0.0144	0.0068	3.0873	0.01894	1_Hrzn_Diff	61.6	3.1883	61.6	19.88	1246.801	267.56	7.65	1.640		10.16526	79780.81249	492.4742	22.2	
	0	0			2_Hrzn_Diff	126.6	-57.6	126.6	11.35						3317.76				
	0	0			2_Hrzn_Diff	121.9	-37.1	121.9	36.39						1376.41				
	0	0			2_Hrzn_Diff	86.3	-0.8539	86.3	6.56						0.729145				
	0	0			2_Hrzn_Diff	76.6	3.2354	76.6	-9.71						10.46781				
	0	0			2_Hrzn_Diff	81.4	-8.179	81.4	7.15						66.89604				
	0	0			2_Hrzn_Diff	71.6	-0.8626	71.6	0.89						0.744079				
	0	0			2_Hrzn_Diff	102.5	5.3473	102.5	11.18						28.59362				
	0	0			2_Hrzn_Diff	78.5	-48	78.5	12.33						2304				
	0	0			2_Hrzn_Diff	109.5	-62	109.5	4.4						3844				
	0	0			2_Hrzn_Diff	112.8	-3.8711	112.8	8.29						14.98542				
	0	0			2_Hrzn_Diff	57.8	-7.627	57.8	-34.26						58.17113				
	0	0			2_Hrzn_Diff	70.4	-8.433	70.4	-6.09						71.11549				
	0	0			2_Hrzn_Diff	121.6	-50.7	121.6	19.23						2570.49				
	0	0			2_Hrzn_Diff	79.2	-11.3265	79.2	-5.01						128.2896				
	0	0			2_Hrzn_Diff	109.9	-2.9143	109.9	-5.75						8.493144				
	0	0			2_Hrzn_Diff	77.5	-60.7	77.5	14.06						3684.49				
	0	0			2_Hrzn_Diff	122.1	-30.383	122.1	-14.81						923.1267				
	0	0			2_Hrzn_Diff	117.6	-8.568	117.6	12.18						73.41062				
	0	0			2_Hrzn_Diff	76.6	2.3354	76.6	-10.61						5.454093				
	0	0			2_Hrzn_Diff	116.0	-76	116.0	-14.36						5776				
	0	0			2_Hrzn_Diff	108.3	-36.7	108.3	17.17						1346.89				
	0	0			2_Hrzn_Diff	124.5	19.829	124.5	40.11						393.1892				
	0	0			2_Hrzn_Diff	120.0	-49.2	120.0	24.87						2420.64				
	0	0			2_Hrzn_Diff	61.9	-4.6581	61.9	-16.82						21.6979				
	0	0			2_Hrzn_Diff	124.3	-58.2	124.3	16.74						3387.24				
	0	0			2_Hrzn_Diff	60.3	-9.0772	60.3	-13.34						82.39556				
	0	0			2_Hrzn_Diff	70.2	-5.4571	70.2	4.76						29.77994				
	0	0			2_Hrzn_Diff	124.3	-34.3	124.3	30.8						1176.49				
	0	0			2_Hrzn_Diff	84.0	-10.8	84.0	-26.35						116.64				
	0	0			2_Hrzn_Diff	83.5	20.7	83.5	-40.64						428.49				
	0	0			2_Hrzn_Diff	78.3	-7.1	78.3	28.25						50.41				



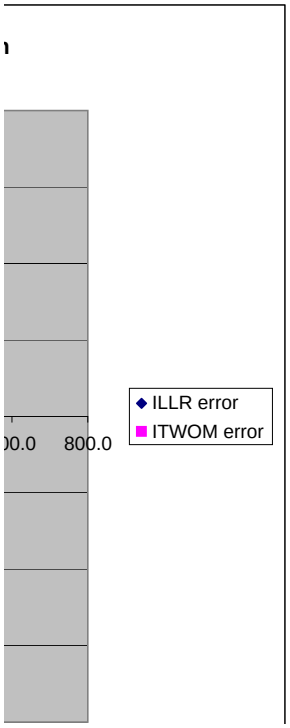


0	0	2_Hrzn_Diff	61.9	-6.9	61.9	-40.98	47.61
0	0	2_Hrzn_Diff	59.0	11.2	59.0	-28.51	125.44
0	0	2_Hrzn_Diff	77.9	20.5	77.9	-23.24	420.25
0	0	2_Hrzn_Diff	96.6	-34.7	96.6	-29.41	1204.09
0	0	2_Hrzn_Diff	63.8	-2.6	63.8	-26.09	6.76
0	0	2_Hrzn_Diff	83.7	-25.6	83.7	-18.51	655.36
0	0	2_Hrzn_Diff	115.6	-66.2	115.6	-10.12	4382.44
0	0	2_Hrzn_Diff	28.5	-4.4467	28.5	-26.15	19.77314
0	0	2_Hrzn_Diff	6.9	-0.83	6.9	15.12	0.6889
0	0	2_Hrzn_Diff	36.9	8.9715	36.9	-11.65	80.48781
0	0	2_Hrzn_Diff	65.1	-49.4	65.1	3.57	2440.36
0	0	2_Hrzn_Diff	81.1	1.1641	81.1	-1.5	1.355129
0	0	2_Hrzn_Diff	21.0	5.9235	21.0	22.56	35.08785
0	0	2_Hrzn_Diff	56.6	13.9372	56.6	23.37	194.2455
0	0	2_Hrzn_Diff	80.2	-7.8856	80.2	-12.42	62.18269
0	0	2_Hrzn_Diff	93.3	-34.9	93.3	19.1	1218.01
0	0	2_Hrzn_Diff	101.7	-24.9	101.7	45.69	620.01
0	0	2_Hrzn_Diff	83.7	0.648	83.7	4.02	0.419904
0	0	2_Hrzn_Diff	79.1	-36.2835	79.1	-33.26	1316.492
0	0	2_Hrzn_Diff	62.3	-5.0379	62.3	9.84	25.38044
0	0	2_Hrzn_Diff	62.5	2.9664	62.5	10.29	8.799529
0	0	2_Hrzn_Diff	96.9	-47.1	96.9	9.87	2218.41
0	0	2_Hrzn_Diff	78.1	-15.8441	78.1	-1.52	251.0355
0	0	2_Hrzn_Diff	93.8	-40.9	93.8	0.58	1672.81
0	0	2_Hrzn_Diff	65.6	-10.334	65.6	9.42	106.7916
0	0	2_Hrzn_Diff	56.0	-62.9	56.0	2.84	3956.41
0	0	2_Hrzn_Diff	31.0	2.7623	31.0	8.29	7.630301
0	0	2_Hrzn_Diff	66.8	-41.3	66.8	32.95	1705.69
0	0	2_Hrzn_Diff	88.1	-53.4	88.1	2.08	2851.56
0	0	2_Hrzn_Diff	106.1	10.1774	106.1	-12	103.5795
0	0	2_Hrzn_Diff	78.5	1.4743	78.5	-33.09	2.17356
0	0	2_Hrzn_Diff	91.6	-4.6799	91.6	-4.76	21.90146
0	0	2_Hrzn_Diff	68.3	-4.5452	68.3	6.53	20.65884
0	0	2_Hrzn_Diff	110.5	-18.3846	110.5	0.47	337.9935
0	0	2_Hrzn_Diff	82.1	27.7797	82.1	-14.3	771.7117
0	0	2_Hrzn_Diff	116.0	-6.4852	116.0	-19.32	42.05782
0	0	2_Hrzn_Diff	98.6	13.8442	98.6	-35.63	191.6619
0	0	2_Hrzn_Diff	116.0	0.0623	116.0	-40.52	0.003881
0	0	2_Hrzn_Diff	111.7	10.0114	111.7	-32.67	100.2281
0	0	2_Hrzn_Diff	39.9	11.2004	39.9	0.71	125.449
0	0	2_Hrzn_Diff	132.3	-85.12	132.3	-12.63	7245.414
0	0	2_Hrzn_Diff	87.9	13.5939	87.9	22.53	184.7941
0	0	2_Hrzn_Diff	74.6	7.0353	74.6	20.19	49.49545
0	0	2_Hrzn_Diff	85.4	0.7552	85.4	14.93	0.570327
0	0	2_Hrzn_Diff	59.5	17.3276	59.5	5.36	300.2457
0	0	2_Hrzn_Diff	89.1	-11.9601	89.1	-3.51	143.044
0	0	2_Hrzn_Diff	81.3	11.3718	81.3	24.26	129.3178
0	0	2_Hrzn_Diff	85.8	6.2913	85.8	16.45	39.58046

0	0	2_Hrzn_Diff	54.9	13.8774	54.9	5.92	192.5822
0	0	2_Hrzn_Diff	66.1	-8.6274	66.1	5.58	74.43203
0	0	2_Hrzn_Diff	70.7	12.7086	70.7	24.18	161.5085
0	0	2_Hrzn_Diff	72.8	23.0463	72.8	37.01	531.1319
0	0	2_Hrzn_Diff	68.4	8.0247	68.4	24.42	64.39581
0	0	2_Hrzn_Diff	56.2	16.9082	56.2	24.05	285.8872
0	0	2_Hrzn_Diff	49.9	22.3446	49.9	20.62	499.2811
0	0	2_Hrzn_Diff	70.2	29.7657	70.2	32.27	885.9969
0	0	2_Hrzn_Diff	86.7	6.9442	86.7	17.89	48.22191
0	0	2_Hrzn_Diff	85.0	4.1474	85.0	21.61	17.20093
0	0	2_Hrzn_Diff	77.0	-42.9	77.0	10.14	1840.41
0	0	2_Hrzn_Diff	77.5	-2.3202	77.5	8.01	5.383328
0	0	2_Hrzn_Diff	90.3	-4.3247	90.3	12.2	18.70303
0	0	2_Hrzn_Diff	69.9	-27.9	69.9	47.31	778.41
0	0	2_Hrzn_Diff	63.7	23.0885	63.7	20.71	533.0788
0	0	2_Hrzn_Diff	88.3	-67.3	88.3	-0.05	4529.29
0	0	2_Hrzn_Diff	75.9	7.5094	75.9	19.03	56.39109
0	0	2_Hrzn_Diff	88.9	-51.1	88.9	14.32	2611.21
0	0	2_Hrzn_Diff	77.4	19.7402	77.4	27.45	389.6755
0	0	2_Hrzn_Diff	44.1	-17.3154	44.1	-9.71	299.8231
0	0	2_Hrzn_Diff	69.1	7.6919	69.1	4.29	59.16533
0	0	2_Hrzn_Diff	84.2	-55.5	84.2	20.16	3080.25
0	0	2_Hrzn_Diff	69.4	-68.7	69.4	25.05	4719.69
0	0	2_Hrzn_Diff	56.0	-1.416	56.0	-12.41	2.005056
0	0	2_Hrzn_Diff	18.9	31.5547	18.9	18.92	995.6991
0	0	2_Hrzn_Diff	53.8	20.5672	53.8	23.14	423.0097
0	0	2_Hrzn_Diff	56.5	33.5144	56.5	31.47	1123.215
0	0	2_Hrzn_Diff	88.1	5.9639	88.1	23.96	35.5681
0	0	2_Hrzn_Diff	90.2	-60.1	90.2	-20.73	3612.01
0	0	2_Hrzn_Diff	82.9	-27	82.9	33.26	729
0	0	2_Hrzn_Diff	77.5	3.9165	77.5	19.25	15.33897
0	0	2_Hrzn_Diff	54.7	10.5899	54.7	24.07	112.146
0	0	2_Hrzn_Diff	83.8	-30.1	83.8	30.21	906.01
0	0	2_Hrzn_Diff	88.4	-64.9	88.4	9.65	4212.01
0	0	2_Hrzn_Diff	71.5	3.3209	71.5	1.15	11.02838
0	0	2_Hrzn_Diff	45.7	23.3109	45.7	2.93	543.3981
0	0	2_Hrzn_Diff	55.9	-5.367	55.9	-26.26	28.80469
0	0	2_Hrzn_Diff	75.8	17.2246	75.8	19.67	296.6868
0	0	2_Hrzn_Diff	52.3	18.0131	52.3	13.17	324.4718
0	0	2_Hrzn_Diff	168.4	-65.5	168.4	-22.27	4290.25
0	0	2_Hrzn_Diff	50.5	11.305	50.5	19.77	127.803
0	0	2_Hrzn_Diff	31.4	6.6185	31.4	-2.81	43.80454
0	0	2_Hrzn_Diff	58.7	2.3607	58.7	18.04	5.572904
0	0	2_Hrzn_Diff	84.0	21.8	84.0	-26.52	475.24
0	0	2_Hrzn_Diff	83.5	23.5	83.5	-42.45	552.25
0	0	2_Hrzn_Diff	34.9	28.7	34.9	-26.27	823.69
0	0	2_Hrzn_Diff	64.2	17.7	64.2	-5.38	313.29
0	0	2_Hrzn_Diff	158.8	7.6	158.8	14.3	57.76
0	0	2_Hrzn_Diff	83.3	-10.4	83.3	-4.58	108.16
0	0	2_Hrzn_Diff	35.2	11.3	35.2	-4.64	127.69
0	0	2_Hrzn_Diff	49.8	0.3	49.8	-12.35	0.09
0	0	2_Hrzn_Diff	64.8	8.4	64.8	-15.04	70.56
0	0	2_Hrzn_Diff	73.8	-5.6	73.8	-13.63	31.36

0	0	2_Hrzn_Diff	88.2	30.9	88.2	1.86	954.81
0	0	2_Hrzn_Diff	26.0	10.6	26.0	-47.48	112.36
0	0	2_Hrzn_Diff	45.3	-4.4	45.3	-7.76	19.36
0	0	2_Hrzn_Diff	84.1	8.2	84.1	21.64	67.24
0	0	2_Hrzn_Diff	115.0	3.7	115.0	16.2	13.69
0	0	2_Hrzn_Diff	87.7	17.7	87.7	8.1	313.29
0	0	2_Hrzn_Diff	59.7	9.5	59.7	-12.66	90.25
0	0	2_Hrzn_Diff	65.6	-10	65.6	-2.14	100
0	0	2_Hrzn_Diff	55.6	-5.7	55.6	-44.9	32.49
0	0	2_Hrzn_Diff	87.9	36.9	87.9	-12.85	1361.61
0	0	2_Hrzn_Diff	78.8	-1.2	78.8	4.16	1.44
0	0	2_Hrzn_Diff	87.4	14.7	87.4	21.43	216.09
0	0	2_Hrzn_Diff	61.9	29.1	61.9	-46.24	846.81
0	0	2_Hrzn_Diff	59.0	10.5	59.0	-6.61	110.25
0	0	2_Hrzn_Diff	73.7	-46.9	73.7	-41.91	2199.61
0	0	2_Hrzn_Diff	77.9	-27.4	77.9	-32.34	750.76
0	0	2_Hrzn_Diff	96.6	-6.8	96.6	-24.72	46.24
0	0	2_Hrzn_Diff	64.3	-10.1	64.3	-1.84	102.01
0	0	2_Hrzn_Diff	83.7	-8.9	83.7	13.74	79.21
0	0	2_Hrzn_Diff	40.4	8.3508	40.4	-5.28	69.73586
0	0	2_Hrzn_Diff	39.3	14.0365	39.3	7.08	197.0233
0	0	2_Hrzn_Diff	79.4	-26.5	79.4	38.68	702.25
0	0	2_Hrzn_Diff	7.2	42.6252	7.2	-15.81	1816.908
0	0	2_Hrzn_Diff	78.1	-30.9	78.1	27.81	954.81
0	0	2_Hrzn_Diff	40.0	-5.4852	40.0	-26.86	30.08742
0	0	2_Hrzn_Diff	53.6	-60.5	53.6	1.71	3660.25
0	0	2_Hrzn_Diff	23.4	45.325	23.4	-11.81	2054.356
0	0	2_Hrzn_Diff	45.6	22.4473	45.6	14.98	503.8813
0	0	2_Hrzn_Diff	26.9	-70.6	26.9	-8.55	4984.36
0	0	2_Hrzn_Diff	15.3	7.3012	15.3	-24.16	53.30752
0	0	2_Hrzn_Diff	62.2	21.1019	62.2	22.18	445.2902
0	0	2_Hrzn_Diff	52.2	-47	52.2	9.87	2209
0	0	2_Hrzn_Diff	37.6	-64	37.6	3.5	4096
0	0	2_Hrzn_Diff	38.7	-52.1	38.7	13.87	2714.41
0	0	2_Hrzn_Diff	56.7	-41.5	56.7	31.18	1722.25
0	0	2_Hrzn_Diff	41.0	13.6021	41.0	-5.4	185.0171
0	0	2_Hrzn_Diff	24.0	19.0796	24.0	-4.94	364.0311
0	0	2_Hrzn_Diff	6.8	32.0936	6.8	1.68	1029.999
0	0	2_Hrzn_Diff	39.0	10.2676	39.0	-1.1	105.4236
0	0	2_Hrzn_Diff	27.3	-7.8034	27.3	-17.64	60.89305
0	0	2_Hrzn_Diff	70.6	-57.8	70.6	2.47	3340.84
0	0	2_Hrzn_Diff	46.1	-28.5	46.1	32.48	812.25
0	0	2_Hrzn_Diff	74.2	-30.3	74.2	19.54	918.09
0	0	2_Hrzn_Diff	61.3	-79.8	61.3	-18.15	6368.04
0	0	2_Hrzn_Diff	22.5	57.8147	22.5	6.51	3342.54
0	0	2_Hrzn_Diff	8.7	4.7516	8.7	-17	22.5777
0	0	2_Hrzn_Diff	30.5	-0.0253	30.5	-11.77	0.00064
0	0	2_Hrzn_Diff	75.0	20.1057	75.0	16.16	404.2392
0	0	2_Hrzn_Diff	42.4	15.3121	42.4	-10.31	234.4604
0	0	2_Hrzn_Diff	38.4	-55.6	38.4	9.53	3091.36
0	0	2_Hrzn_Diff	36.7	-56	36.7	17.03	3136
0	0	2_Hrzn_Diff	62.6	-4.9309	62.6	-4.94	24.31377
0	0	2_Hrzn_Diff	45.5	9.7954	45.5	-9.48	95.94986

0	0	2_Hrzn_Diff	37.0	-62.2	37.0	-28.56						3868.84					
0	0	2_Hrzn_Diff	45.1	17.0268	45.1	-1.56						289.9119					
0	0	2_Hrzn_Diff	22.3	17.4488	22.3	1.77						304.4606					
0	0	2_Hrzn_Diff	75.5	-35.9	75.5	28.14						1288.81					
0	0	2_Hrzn_Diff	29.6	22.4346	29.6	-4.15						503.3113					
0	0	2_Hrzn_Diff	68.8	-35.5	68.8	46.49						1260.25					
0	0	2_Hrzn_Diff	45.7	-54.4	45.7	24.96						2959.36					
0	0	2_Hrzn_Diff	64.2	-2.6425	64.2	-4.7						6.982806					
0	0	2_Hrzn_Diff	16.4	44.6779	16.4	-14.14						1996.115					
0	0	2_Hrzn_Diff	55.1	-38.5	55.1	29.58						1482.25					
0	0	2_Hrzn_Diff	69.5	14.4195	69.5	16.28						207.922					
0	0	2_Hrzn_Diff	33.2	-61.5	33.2	-2.75			ILLR (ITM)	ITWOM		3782.25				ILLR	
0	0	2_Hrzn_Diff	18.3	7.9563	18.3	-4.89			ave err	ave err		63.30271	sum squares	variance		std dev	
0	0	2_Hrzn_Diff	18.7	10.6621	18.7	-15.51	-1251.067	61.76	-5.585121	0.275714286		113.6804	206055.3132	940.8918		30.7	
		L-o-S	35.8	-13.366	35.8	-10.3						178.65					
		L-o-S	55.4	-15.9794	55.4	-3.59						255.3412					
		L-o-S	47.4	-5.9754	47.4	-15.36						35.70541					
		L-o-S	26.4	3.832	26.4	-15.99						14.68422					
		L-o-S	21.9	9.2565	21.9	2.22						85.68279					
		L-o-S	70.5	-12.5446	70.5	-6.07						157.367					
		L-o-S	32.9	1.0184	32.9	-12.11						1.037139					
		L-o-S	23.0	6.9612	23.0	-3.75						48.45831					
		L-o-S	123.3	-5.8638	123.3	2.28						34.38415					
		L-o-S	54.7	6.8439	54.7	-5.09						46.83897					
		L-o-S	50.1	7.3804	50.1	-2.04						54.4703					
		L-o-S	37.3	14.8278	37.3	-4.7						219.8637					
		L-o-S	38.8	2.8096	38.8	-11.84						7.893852					
		L-o-S	86.5	-4.4123	86.5	-2.2						19.46839					
		L-o-S	46.2	7.998	46.2	-7.75						63.968					
		L-o-S	45.7	0.212	45.7	-8.54						0.044944					
		L-o-S	56.0	-5.8092	56.0	-7.4						33.7468					
		L-o-S	61.6	7.0996	61.6	-0.32						50.40432					
		L-o-S	71.6	-4.6079	71.6	1.19						21.23274					
		L-o-S	48.2	2.1344	48.2	-8.72						4.555663					
		L-o-S	37.7	3.458	37.7	-10.8						11.95776					
		L-o-S	44.3	1.1705	44.3	-11.59						1.37007					
		L-o-S	66.3	-2.9279	66.3	-4.74						8.572598					
		L-o-S	29.5	1.8179	29.5	-15.56						3.30476					
		L-o-S	37.0	3.8045	37.0	-15.23						14.47422					
		L-o-S	41.7	-1.6739	41.7	-15.47						2.801941					
		L-o-S	34.4	2.184	34.4	-15.32						4.769856					
		L-o-S	67.7	-2.9643	67.7	-4.33						8.787074					
		L-o-S	35.0	9.7602	35.0	-1.64						95.2615					
		L-o-S	14.8	7.4339	14.8	1.59						55.26287					
		L-o-S	49.4	10.6227	49.4	0.77						112.8418					
		L-o-S	53.7	0.599	53.7	-5.44						0.358801					
		L-o-S	66.9	5.1425	66.9	-5.33						26.44531					
		L-o-S	25.6	21.937	25.6	6.5						481.232					
		L-o-S	72.6	20.8994	72.6	21.18						436.7849					
		L-o-S	45.8	3.3791	45.8	-5.36						11.41832					
		L-o-S	103.2	-4.8551	103.2	4.91						23.572					
		L-o-S	51.5	-4.9334	51.5	-5.78						24.33844					
		L-o-S	38.3	-1.6989	38.3	-15.54						2.886261					



L-o-S	4.0	62.208	4.0	54.83	3869.835
L-o-S	97.5	-5.7368	97.5	-5.51	32.91087
L-o-S	50.9	6.6107	50.9	-11.57	43.70135
L-o-S	51.0	2.1291	51.0	-7.59	4.533067
L-o-S	67.7	-2.3666	67.7	-3.72	5.600796
L-o-S	36.5	-0.9384	36.5	-12.81	0.880595
L-o-S	111.0	-4.0382	111.0	3.55	16.30706
L-o-S	45.8	3.3791	45.8	-5.36	11.41832
L-o-S	70.1	10.2363	70.1	-1.23	104.7818
L-o-S	44.3	-1.8193	44.3	-11.08	3.309852
L-o-S	48.9	1.7425	48.9	-5.84	3.036306
L-o-S	19.5	2.5405	19.5	-3.72	6.45414
L-o-S	27.2	-2.2463	27.2	-12.57	5.045864
L-o-S	40.0	11.1195	40.0	-5.19	123.6433
L-o-S	23.1	9.2243	23.1	-2.82	85.08771
L-o-S	17.0	8.6866	17.0	-5.06	75.45702
L-o-S	38.0	8.6704	38.0	-0.23	75.17584
L-o-S	40.7	13.96	40.7	6.19	194.8816
L-o-S	20.4	18.5008	20.4	2.43	342.2796
L-o-S	29.0	10.3975	29.0	-1.71	108.108
L-o-S	12.7	14.3704	12.7	-4.88	206.5084
L-o-S	36.2	4.1066	36.2	-2.51	16.86416
L-o-S	30.3	7.6329	30.3	-1.38	58.26116
L-o-S	10.0	9.9025	10.0	-12.67	98.05951
L-o-S	3.6	17.9719	3.6	17.79	322.9892
L-o-S	36.0	11.5638	36.0	1.95	133.7215
L-o-S	20.0	9.9883	20.0	-1.98	99.76614
L-o-S	9.8	8.9967	9.8	-9.3	80.94061
L-o-S	16.5	7.2421	16.5	-6.72	52.44801
L-o-S	55.5	8.9746	55.5	6.55	80.54345
L-o-S	12.3	5.1361	12.3	-10.39	26.37952
L-o-S	11.3	10.9622	11.3	-1.11	120.1698
L-o-S	20.0	14.1843	20.0	1.42	201.1944
L-o-S	28.3	7.9541	28.3	-4.69	63.26771
L-o-S	18.1	7.552	18.1	-9.91	57.0327
L-o-S	46.8	8.6467	46.8	3.1	74.76542
L-o-S	17.8	13.8152	17.8	-5.96	190.8598
L-o-S	3.4	4.2318	3.4	2.67	17.90813
L-o-S	19.5	13.2096	19.5	-2.96	174.4935
L-o-S	21.1	9.1959	21.1	-2.36	84.56458
L-o-S	21.8	19.0084	21.8	7.18	361.3193
L-o-S	43.8	8.2102	43.8	2.15	67.40738
L-o-S	22.5	8.1468	22.5	-3.3	66.37035
L-o-S	36.7	8.7559	36.7	-0.62	76.66578
L-o-S	2.0	19.0963	2.0	18.51	364.6687
L-o-S	7.7	23.8331	7.7	6.41	568.0167
L-o-S	17.2	6.4349	17.2	-8.47	41.40794
L-o-S	14.6	29.4528	14.6	11.33	867.4674
L-o-S	14.0	12.5949	14.0	-6.41	158.6315
L-o-S	11.3	19.4593	11.3	1.24	378.6644
L-o-S	5.0	9.4339	5.0	8.39	88.99847
L-o-S	20.1	12.8258	20.1	-3.63	164.5011
L-o-S	22.2	13.9112	22.2	-2.18	193.5215

L-o-S	18.0	14.7272	18.0	2.41	216.8904
L-o-S	2.4	-0.3566	2.4	0.76	0.127164
L-o-S	26.5	15.6576	26.5	2.48	245.1604
L-o-S	24.3	5.1082	24.3	-6.07	26.09371
L-o-S	22.7	-2.3915	22.7	-16	5.719272
L-o-S	16.3	9.2167	16.3	-8.32	84.94756
L-o-S	42.0	8.4665	42.0	1.12	71.68162
L-o-S	17.1	7.0093	17.1	-7.02	49.13029
L-o-S	17.9	11.4312	17.9	-5.9	130.6723
L-o-S	29.7	5.8961	29.7	-5.99	34.764
L-o-S	44.4	7.4742	44.4	1.35	55.86367
L-o-S	17.5	11.3307	17.5	-5.64	128.3848
L-o-S	35.7	7.0409	35.7	0.92	49.57427
L-o-S	15.6	12.2638	15.6	-6.85	150.4008
L-o-S	18.3	10.4174	18.3	-6.44	108.5222
L-o-S	10.7	8.8559	10.7	-13.3	78.42696
L-o-S	4.5	5.5451	4.5	2.86	30.74813
L-o-S	11.3	16.7127	11.3	-1.64	279.3143
L-o-S	16.0	1.3993	16.0	-12.06	1.95804
L-o-S	37.6	7.8987	37.6	-1.13	62.38946
L-o-S	3.3	12.8092	3.3	12.66	164.0756
L-o-S	6.0	6.9131	6.0	2.46	47.79095
L-o-S	1.6	1.8229	1.6	2.4	3.322964
L-o-S	20.0	9.9883	20.0	-1.98	99.76614
L-o-S	30.3	11.6447	30.3	3.63	135.599
L-o-S	16.7	9.241	16.7	-9.12	85.39608
L-o-S	10.9	7.2121	10.9	-12.03	52.01439
L-o-S	18.4	10.8375	18.4	-6.18	117.4514
L-o-S	35.1	8.2075	35.1	-2.05	67.36306
L-o-S	29.3	10.5542	29.3	-1.79	111.3911
L-o-S	29.6	7.3067	29.6	-2.07	53.38786
L-o-S	47.5	11.1748	47.5	5.97	124.8762
L-o-S	34.7	9.3873	34.7	-0.95	88.1214
L-o-S	22.3	9.1094	22.3	-3.43	82.98117
L-o-S	49.8	7.5256	49.8	3.17	56.63466
L-o-S	25.2	11.9563	25.2	1.13	142.9531
L-o-S	19.0	10.6723	19.0	-6.54	113.898
L-o-S	35.3	0.6899	35.3	-6.1	0.475962
L-o-S	10.4	16.7333	10.4	-2.67	280.0033
L-o-S	8.0	5.7449	8.0	-11.92	33.00388
L-o-S	49.6	2.8075	49.6	-1.7	7.882056
L-o-S	25.9	11.6463	25.9	-1.44	135.6363
L-o-S	39.2	7.9168	39.2	-0.38	62.67572
L-o-S	3.3	2.9499	3.3	0.1	8.70191
L-o-S	29.1	5.7967	29.1	-6.42	33.60173
L-o-S	11.6	7.7991	11.6	-6.78	60.82596
L-o-S	19.2	8.7935	19.2	-7.94	77.32564
L-o-S	6.0	17.6545	6.0	10.07	311.6814
L-o-S	24.3	5.1082	24.3	-6.07	26.09371
L-o-S	21.8	19.0084	21.8	7.18	361.3193
L-o-S	12.6	10.5921	12.6	-8.1	112.1926
L-o-S	2.7	-3.7453	2.7	-4.12	14.02727
L-o-S	3.2	2.6617	3.2	-0.56	7.084647

L-o-S	17.6	13.2614	17.6	-2.86	175.8647
L-o-S	14.4	11.827	14.4	-9.27	139.8779
L-o-S	8.6	18.0931	8.6	3.29	327.3603
L-o-S	7.4	2.4464	7.4	-14.4	5.984873
L-o-S	45.7	9.9039	45.7	4.1	98.08724
L-o-S	21.8	19.0084	21.8	7.18	361.3193
L-o-S	36.0	9.3603	36.0	-0.05	87.61522
L-o-S	15.5	-33.2	15.5	-8.44	1102.24
L-o-S	4.5	12.6	4.5	19.86	158.76
L-o-S	13.4	7.6	13.4	5.53	57.76
L-o-S	15.6	-9.4	15.6	-14.63	88.36
L-o-S	13.1	-39.1	13.1	-1.8	1528.81
L-o-S	15.8	-13.7	15.8	-2.76	187.69
L-o-S	15.0	-17.4	15.0	-2.69	302.76
L-o-S	14.2	-9.1	14.2	5.57	82.81
L-o-S	45.0	6.7	45.0	-17.12	44.89
L-o-S	47.3	-1.8	47.3	-13.35	3.24
L-o-S	45.9	-4.8	45.9	-14.7	23.04
L-o-S	47.1	11.9	47.1	-11.72	141.61
L-o-S	46.6	-7.5	46.6	-5.13	56.25
L-o-S	46.3	4.5	46.3	-6.47	20.25
L-o-S	3.9	-27.5	3.9	-12.23	756.25
L-o-S	3.0	-33.5	3.0	-8.19	1122.25
L-o-S	14.6	-49.5	14.6	-32.08	2450.25
L-o-S	12.8	-27.7	12.8	-36.56	767.29
L-o-S	4.0	-21.7	4.0	-9.99	470.89
L-o-S	17.3	-17.4	17.3	-16.52	302.76
L-o-S	15.8	-2.4	15.8	-10.26	5.76
L-o-S	14.0	11	14.0	-1.4	121
L-o-S	12.5	1	12.5	-0.17	1
L-o-S	17.7	-20.5	17.7	-15.28	420.25
L-o-S	11.3	-2.8	11.3	4.9	7.84
L-o-S	14.5	-17.4	14.5	0.08	302.76
L-o-S	3.3	7.7	3.3	20.42	59.29
L-o-S	15.8	-25.8	15.8	-15.24	665.64
L-o-S	17.9	-26.9	17.9	-19.74	723.61
L-o-S	16.2	-12.3	16.2	-1.01	151.29
L-o-S	14.9	11.8	14.9	18.86	139.24
L-o-S	14.0	-24.3	14.0	0.52	590.49
L-o-S	11.6	-38.1	11.6	-4.97	1451.61
L-o-S	18.3	-22.2	18.3	-20.68	492.84
L-o-S	16.7	-2.1	16.7	-13.99	4.41
L-o-S	12.2	-21.4	12.2	2.11	457.96
L-o-S	13.8	-3.8	13.8	1.34	14.44
L-o-S	15.5	6.3	15.5	-9.79	39.69
L-o-S	19.1	4.7	19.1	-20.66	22.09
L-o-S	17.4	-24.6	17.4	-2.57	605.16
L-o-S	16.0	14.9	16.0	2.2	222.01
L-o-S	14.6	-7.6	14.6	9.51	57.76
L-o-S	11.1	-9.1	11.1	-1.03	82.81
L-o-S	43.4	-7.4	43.4	-12.91	54.76
L-o-S	44.9	12.7	44.9	-10.51	161.29
L-o-S	44.0	-7.1	44.0	-14.13	50.41

L-o-S	42.7	16.6	42.7	3.22	275.56
L-o-S	41.5	-15.7	41.5	-9.33	246.49
L-o-S	46.0	-2.2	46.0	-14.11	4.84
L-o-S	45.0	14.7	45.0	-15.63	216.09
L-o-S	43.8	1.5	43.8	-13.9	2.25
L-o-S	42.9	-9.6	42.9	-16.41	92.16
L-o-S	48.2	19.7	48.2	-0.62	388.09
L-o-S	46.9	-49.3	46.9	-16.78	2430.49
L-o-S	46.1	-3.6	46.1	-7.84	12.96
L-o-S	49.5	14.9	49.5	-8.06	222.01
L-o-S	47.9	-5.2	47.9	-10.87	27.04
L-o-S	47.5	-0.4	47.5	-3.79	0.16
L-o-S	45.9	14.9	45.9	-12.59	222.01
L-o-S	45.4	-7.9	45.4	-17.3	62.41
L-o-S	51.0	30.4	51.0	-4.9	924.16
L-o-S	49.2	31.7	49.2	-6.59	1004.89
L-o-S	48.1	16.9	48.1	-3.6	285.61
L-o-S	46.1	4.9	46.1	-16.44	24.01
L-o-S	47.1	10.2	47.1	-10.22	104.04
L-o-S	15.1	3.3	15.1	-12.74	10.89
L-o-S	20.9	-13.1	20.9	4.2	171.61
L-o-S	25.7	34.2	25.7	9.35	1169.64
L-o-S	30.4	-18.2	30.4	4.07	331.24
L-o-S	44.4	36.2	44.4	12.79	1310.44
L-o-S	53.6	-17.1	53.6	-25.74	292.41
L-o-S	59.4	0.4	59.4	-25.1	0.16
L-o-S	16.5	-35.4	16.5	-6.68	1253.16
L-o-S	40.5	18.1	40.5	-3.02	327.61
L-o-S	21.0	24.2	21.0	9.38	585.64
L-o-S	45.1	-1.8	45.1	-4.16	3.24
L-o-S	78.8	17	78.8	-22.81	289
L-o-S	83.4	6.7	83.4	-14.79	44.89
L-o-S	17.1	-11.4	17.1	-15.15	129.96
L-o-S	23.9	8.1	23.9	5.84	65.61
L-o-S	30.6	-24.1	30.6	-0.89	580.81
L-o-S	35.4	35.9	35.4	7.63	1288.81
L-o-S	41.6	23.6	41.6	-7.74	556.96
L-o-S	51.2	38.8	51.2	5.96	1505.44
L-o-S	65.9	1.7	65.9	-26.08	2.89
L-o-S	69.3	0.7	69.3	-25.6	0.49
L-o-S	79.9	11.2	79.9	-14.62	125.44
L-o-S	16.3	-1.7	16.3	-8.22	2.89
L-o-S	21.5	16.9	21.5	1.27	285.61
L-o-S	25.8	2.5	25.8	0.9	6.25
L-o-S	30.7	15.6	30.7	-0.04	243.36
L-o-S	35.3	-14.7	35.3	0.57	216.09
L-o-S	40.3	9.1	40.3	2.41	82.81
L-o-S	45.8	38.7	45.8	5.42	1497.69
L-o-S	50.0	34.1	50.0	11.67	1162.81
L-o-S	55.3	3.4	55.3	-20.1	11.56
L-o-S	60.4	2.7	60.4	-24.26	7.29
L-o-S	64.9	6.5	64.9	-20.66	42.25
L-o-S	16.5	-29.5	16.5	-5.29	870.25

L-o-S	21.0	-21	21.0	36.09	441
L-o-S	25.1	6.6	25.1	15.44	43.56
L-o-S	30.9	21.1	30.9	8.76	445.21
L-o-S	35.4	-3.3	35.4	2.94	10.89
L-o-S	46.1	-10.4	46.1	0.55	108.16
L-o-S	49.2	44.7	49.2	8.31	1998.09
L-o-S	54.0	-18.5	54.0	-28.2	342.25
L-o-S	64.5	11.1	64.5	-15.62	123.21
L-o-S	80.1	25.8	80.1	-15.35	665.64
L-o-S	16.4	-38.5	16.4	-11.93	1482.25
L-o-S	20.8	25.2	20.8	5.86	635.04
L-o-S	24.8	0.3	24.8	0.51	0.09
L-o-S	30.4	34.4	30.4	10.07	1183.36
L-o-S	40.2	33.3	40.2	4.34	1108.89
L-o-S	49.1	42.2	49.1	7.11	1780.84
L-o-S	54.3	-28.9	54.3	-27.14	835.21
L-o-S	59.4	-5.4	59.4	-19.12	29.16
L-o-S	11.0	8.8	11.0	13.8	77.44
L-o-S	15.4	-10.2	15.4	-9.6	104.04
L-o-S	45.4	-6.1	45.4	-2.61	37.21
L-o-S	49.9	5.9	49.9	-1.93	34.81
L-o-S	54.5	-19.5	54.5	-20.19	380.25
L-o-S	68.9	7.3	68.9	-17.48	53.29
L-o-S	15.8	-25.7	15.8	-5.27	660.49
L-o-S	20.2	16.3	20.2	15.99	265.69
L-o-S	25.7	0.3	25.7	2.02	0.09
L-o-S	30.9	23.8	30.9	1.92	566.44
L-o-S	35.0	38.1	35.0	4.13	1451.61
L-o-S	40.1	3.6	40.1	-4.34	12.96
L-o-S	43.9	33.1	43.9	9.48	1095.61
L-o-S	50.3	24.8	50.3	7.71	615.04
L-o-S	54.1	-32.3	54.1	-26.62	1043.29
L-o-S	69.2	18.5	69.2	-8.53	342.25
L-o-S	79.9	9.5	79.9	-18.95	90.25
L-o-S	24.9	7.4971	24.9	-12.61	56.20651
L-o-S	19.5	8.2233	19.5	-13.34	67.62266
L-o-S	34.9	10.0331	34.9	-6.08	100.6631
L-o-S	37.6	12.4054	37.6	-2.53	153.8939
L-o-S	17.7	24.7313	17.7	4.42	611.6372
L-o-S	26.2	11.193	26.2	-8.33	125.2832
L-o-S	10.9	23.2819	10.9	11.16	542.0469
L-o-S	38.5	4.1954	38.5	-10.53	17.60138
L-o-S	32.3	10.642	32.3	-6.52	113.2522
L-o-S	6.9	0.2484	6.9	-4.56	0.061703
L-o-S	6.7	9.4076	6.7	4.23	88.50294
L-o-S	32.9	10.881	32.9	-5.99	118.3962
L-o-S	22.9	13.4961	22.9	-7.37	182.1447
L-o-S	8.2	3.0941	8.2	-5.25	9.573455
L-o-S	19.0	9.5191	19.0	-12.09	90.61326
L-o-S	52.4	9.8594	52.4	0.76	97.20777
L-o-S	14.9	4.3064	14.9	-11.92	18.54508
L-o-S	14.3	5.8789	14.3	-8.81	34.56147
L-o-S	22.2	8.9459	22.2	-12.13	80.02913

L-o-S	25.3	10.995	25.3	-8.86	120.89
L-o-S	15.4	8.0078	15.4	-9.71	64.12486
L-o-S	43.7	8.9529	43.7	-3.4	80.15442
L-o-S	14.7	30.3776	14.7	10.34	922.7986
L-o-S	5.6	-2.9572	5.6	-6.23	8.745032
L-o-S	17.9	10.5544	17.9	-7.12	111.3954
L-o-S	24.0	9.5414	24.0	-10.89	91.03831
L-o-S	24.8	20.4205	24.8	0.53	416.9968
L-o-S	40.8	18.2511	40.8	4.48	333.1027
L-o-S	25.4	9.9857	25.4	-10.96	99.7142
L-o-S	33.6	11.9743	33.6	-4.67	143.3839
L-o-S	1.8	22.4856	1.8	5.19	505.6022
L-o-S	6.6	3.8466	6.6	-0.95	14.79633
L-o-S	18.7	12.2233	18.7	-9.34	149.4091
L-o-S	14.7	31.1243	14.7	14.53	968.7221
L-o-S	13.4	6.8621	13.4	-8.23	47.08842
L-o-S	9.4	20.9018	9.4	11.25	436.8852
L-o-S	8.0	2.3391	8.0	-4.87	5.471389
L-o-S	17.3	9.933	17.3	-11.58	98.66449
L-o-S	19.1	17.7709	19.1	-3.82	315.8049
L-o-S	21.1	21.242	21.1	0.87	451.2226
L-o-S	5.2	6.8273	5.2	-4.65	46.61203
L-o-S	23.7	12.2067	23.7	-8.18	149.0035
L-o-S	27.1	7.4157	27.1	-12.11	54.99261
L-o-S	23.1	1.1089	23.1	-19.65	1.229659
L-o-S	14.1	8.4886	14.1	-5.39	72.05633
L-o-S	39.0	8.0591	39.0	-6.43	64.94909
L-o-S	19.4	9.1688	19.4	-11.19	84.06689
L-o-S	15.3	5.6407	15.3	-10.38	31.8175
L-o-S	26.9	37.3156	26.9	18.06	1392.454
L-o-S	41.5	8.4012	41.5	-4.46	70.58016
L-o-S	15.2	17.9464	15.2	1.22	322.0733
L-o-S	38.5	8.0626	38.5	-5.53	65.00552
L-o-S	12.8	5.8429	12.8	-8.5	34.13948
L-o-S	15.8	9.257	15.8	-10.97	85.69205
L-o-S	7.9	0.9786	7.9	-4.33	0.957658
L-o-S	5.2	6.4271	5.2	-4.62	41.30761
L-o-S	9.7	33.5247	9.7	18.1	1123.906
L-o-S	19.0	29.8324	19.0	8.22	889.9721
L-o-S	34.5	17.2738	34.5	2.02	298.3842
L-o-S	6.4	-1.751	6.4	-6.36	3.066001
L-o-S	5.2	8.5437	5.2	-2.48	72.99481
L-o-S	4.5	10.6253	4.5	-2.87	112.897
L-o-S	22.9	13.4961	22.9	-7.37	182.1447
L-o-S	33.2	16.825	33.2	0.04	283.0806
L-o-S	13.9	9.9982	13.9	-5.75	99.964
L-o-S	10.8	3.9727	10.8	-7.15	15.78235
L-o-S	15.8	13.7787	15.8	-4.46	189.8526
L-o-S	32.1	9.23	32.1	-7.26	85.1929
L-o-S	26.3	7.9421	26.3	-11.55	63.07695
L-o-S	32.1	9.8852	32.1	-7.38	97.71718
L-o-S	44.4	7.6696	44.4	-4.64	58.82276
L-o-S	31.6	9.0461	31.6	-7.44	81.83193

L-o-S	24.0	15.2833	24.0	-5.18	233.5793
L-o-S	46.9	5.4255	46.9	-5.89	29.43605
L-o-S	27.4	11.9342	27.4	-7.2	142.4251
L-o-S	16.1	7.4483	16.1	-10.35	55.47717
L-o-S	38.2	-14.5539	38.2	-28.85	211.816
L-o-S	9.1	13.1432	9.1	3.1	172.7437
L-o-S	5.0	7.5173	5.0	-4.44	56.5098
L-o-S	46.5	4.8968	46.5	-6.54	23.97865
L-o-S	23.4	28.5413	23.4	8.41	814.6058
L-o-S	36.1	9.7227	36.1	-5.88	94.5309
L-o-S	4.6	8.726	4.6	-4.42	76.14308
L-o-S	26.2	12.5309	26.2	-6.91	157.0235
L-o-S	14.0	7.9522	14.0	-6.38	63.23748
L-o-S	16.5	10.9603	16.5	-7.15	120.1282
L-o-S	3.8	17.6481	3.8	3.44	311.4554
L-o-S	27.1	7.4157	27.1	-12.11	54.99261
L-o-S	24.8	20.4205	24.8	0.53	416.9968
L-o-S	10.5	7.2262	10.5	-2.66	52.21797
L-o-S	3.0	23.6141	3.0	9.97	557.6257
L-o-S	3.7	18.584	3.7	4.56	345.3651
L-o-S	18.0	22.6543	18.0	1.09	513.2173
L-o-S	12.0	13.9875	12.0	-1	195.6502
L-o-S	11.3	14.0235	11.3	2.21	196.6586
L-o-S	4.7	8.9665	4.7	-3.78	80.39812
L-o-S	42.7	6.6724	42.7	-6.31	44.52092
L-o-S	24.8	20.4205	24.8	0.53	416.9968
L-o-S	33.1	9.0403	33.1	-7.83	81.72702
L-o-S	3.3	28.7659	3.3	33.87	827.477
L-o-S	32.1	1.674	32.1	4.91	2.802276
L-o-S	11.9	-10.0931	11.9	-4.5	101.8707
L-o-S	3.7	14.4774	3.7	22.35	209.5951
L-o-S	10.3	5.7099	10.3	11.3	32.60296
L-o-S	4.0	11.5257	4.0	27.52	132.8418
L-o-S	7.4	5.1173	7.4	15.55	26.18676
L-o-S	20.9	-4.1919	20.9	-0.65	17.57203
L-o-S	9.3	15.4144	9.3	21.96	237.6037
L-o-S	8.9	25.8887	8.9	35.22	670.2248
L-o-S	4.0	1.109	4.0	8.46	1.229881
L-o-S	5.7	15.9705	5.7	31	255.0569
L-o-S	19.3	7.9396	19.3	11.53	63.03725
L-o-S	38.6	9.3074	38.6	-7.97	86.62769
L-o-S	50.2	1.5817	50.2	-12.27	2.501775
L-o-S	53.4	9.1873	53.4	-11.49	84.40648
L-o-S	58.7	9.6013	58.7	-8.78	92.18496
L-o-S	77.0	10.6197	77.0	1.57	112.778
L-o-S	26.0	-1.9775	26.0	24.02	3.910506
L-o-S	107.4	11.4255	107.4	-7.3	130.5421
L-o-S	69.7	8.0461	69.7	-17.32	64.73973
L-o-S	32.9	5.7004	32.9	24.14	32.49456
L-o-S	59.1	6.7797	59.1	-19.64	45.96433
L-o-S	94.4	19.9631	94.4	8.8	398.5254
L-o-S	32.0	11.3315	32.0	19.26	128.4029
L-o-S	83.8	-7.6108	83.8	1.15	57.92428

L-o-S	99.2	22.1141	99.2	1.51	489.0334
L-o-S	106.7	22.3046	106.7	-9.66	497.4952
L-o-S	49.6	-1.3797	49.6	5.23	1.903572
L-o-S	29.3	7.8525	29.3	-0.54	61.66176
L-o-S	84.3	8.0858	84.3	-12.57	65.38016
L-o-S	51.0	-1.8806	51.0	0.35	3.536656
L-o-S	55.9	22.1414	55.9	-5.47	490.2416
L-o-S	85.0	-6.3608	85.0	4.06	40.45978
L-o-S	69.5	-4.4868	69.5	1.11	20.13137
L-o-S	25.0	37.2416	25.0	29.51	1386.937
L-o-S	81.5	6.7494	81.5	-6.93	45.5544
L-o-S	40.4	16.9456	40.4	0.47	287.1534
L-o-S	58.8	1.5709	58.8	-14.1	2.467727
L-o-S	59.1	0.089	59.1	-8.74	0.007921
L-o-S	42.5	-28.8846	42.5	14.71	834.3201
L-o-S	61.9	-6.8672	61.9	8.86	47.15844
L-o-S	60.1	16.1342	60.1	-12.69	260.3124
L-o-S	102.1	17.1535	102.1	-14.11	294.2426
L-o-S	22.5	14.1709	22.5	14.87	200.8144
L-o-S	26.6	-8.6799	26.6	21.11	75.34066
L-o-S	30.8	2.1796	30.8	5.42	4.750656
L-o-S	61.9	16.2212	61.9	-2.64	263.1273
L-o-S	61.7	8.9528	61.7	-7.71	80.15263
L-o-S	63.6	-0.232	63.6	-9.67	0.053824
L-o-S	72.7	0.104	72.7	9.71	0.010816
L-o-S	71.9	-0.4143	71.9	13.14	0.171644
L-o-S	61.7	7.0308	61.7	11.59	49.43215
L-o-S	60.1	7.4219	60.1	9.8	55.0846
L-o-S	84.9	3.6838	84.9	-25.86	13.57038
L-o-S	75.7	7.023	75.7	-19.99	49.32253
L-o-S	31.5	-3.9795	31.5	18.72	15.83642
L-o-S	39.0	10.3904	39.0	2.12	107.9604
L-o-S	104.3	6.3365	104.3	9	40.15123
L-o-S	55.7	20.6133	55.7	-0.85	424.9081
L-o-S	36.4	4.1751	36.4	27.09	17.43146
L-o-S	32.0	26.8539	32.0	9.26	721.1319
L-o-S	87.4	2.8465	87.4	4.87	8.102562
L-o-S	25.4	-57.7	25.4	32.17	3329.29
L-o-S	44.2	6.0753	44.2	25.06	36.90927
L-o-S	28.3	10.694	28.3	2.49	114.3616
L-o-S	58.1	5.3644	58.1	-22.01	28.77679
L-o-S	50.6	18.1078	50.6	11	327.8924
L-o-S	56.6	20.585	56.6	-5.77	423.7422
L-o-S	53.5	-0.7639	53.5	7.2	0.583543
L-o-S	27.4	25.2983	27.4	18.39	640.004
L-o-S	59.1	13.0612	59.1	4.83	170.5949
L-o-S	30.7	3.4084	30.7	24.29	11.61719
L-o-S	77.0	4.3742	77.0	4.08	19.13363
L-o-S	87.4	-7.8954	87.4	-1.88	62.33734
L-o-S	78.0	-5.1967	78.0	6.34	27.00569
L-o-S	11.8	3.5624	11.8	27.01	12.69069
L-o-S	63.2	-4.5199	63.2	7.5	20.4295
L-o-S	50.6	-13.7639	50.6	-5.4	189.4449

L-o-S	82.3	-1.8996	82.3	2.8	3.60848
L-o-S	18.1	8.0703	18.1	39.62	65.12974
L-o-S	107.2	-1.1709	107.2	6.88	1.371007
L-o-S	77.0	33.4614	77.0	2.48	1119.665
L-o-S	94.4	6.73	94.4	9.1	45.2929
L-o-S	33.4	18.5324	33.4	-3.23	343.4498
L-o-S	35.4	8.9774	35.4	6.37	80.59371
L-o-S	78.6	8.445	78.6	4.15	71.31802
L-o-S	5.9	-3.6706	5.9	-5.94	13.4733
L-o-S	21.2	21.4178	21.2	5.07	458.7222
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	17.9	5.7592	17.9	-9.84	33.16838
L-o-S	45.4	30.5651	45.4	13.91	934.2253
L-o-S	24.3	26.0523	24.3	6.35	678.7223
L-o-S	8.3	-1.6484	8.3	-9.44	2.717223
L-o-S	17.9	-7.364	17.9	-23.78	54.2285
L-o-S	78.6	14.245	78.6	9.95	202.92
L-o-S	14.5	4.6655	14.5	-6.06	21.76689
L-o-S	44.0	24.2975	44.0	11.44	590.3685
L-o-S	70.6	5.5277	70.6	-4.22	30.55547
L-o-S	11.9	8.8263	11.9	-6.01	77.90357
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	71.9	0.1231	71.9	-12.6	0.015154
L-o-S	18.6	6.1339	18.6	-11.25	37.62473
L-o-S	5.9	-3.8656	5.9	-6.46	14.94286
L-o-S	63.7	27.9166	63.7	18.78	779.3366
L-o-S	24.1	6.6136	24.1	-11.62	43.7397
L-o-S	7.3	8.6941	7.3	5.46	75.58737
L-o-S	25.4	31.6768	25.4	14.3	1003.42
L-o-S	26.5	3.3409	26.5	-15.86	11.16161
L-o-S	27.3	20.4343	27.3	2.6	417.5606
L-o-S	42.0	13.1546	42.0	-1.58	173.0435
L-o-S	45.4	20.8651	45.4	4.21	435.3524
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	5.5	10.1784	5.5	7.72	103.5998
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	28.5	15.3541	28.5	-3.56	235.7484
L-o-S	54.7	35.1115	54.7	30.25	1232.817
L-o-S	19.4	12.8228	19.4	-3.13	164.4242
L-o-S	23.5	13.6774	23.5	-7.81	187.0713
L-o-S	56.9	15.0589	56.9	2.81	226.7705
L-o-S	76.1	3.8627	76.1	-2.12	14.92045
L-o-S	51.5	13.3153	51.5	3.6	177.2972
L-o-S	9.1	-0.9122	9.1	-10.57	0.832109
L-o-S	48.6	25.2438	48.6	7.57	637.2494
L-o-S	37.6	2.2049	37.6	6.2	4.861584
L-o-S	44.0	11.6637	44.0	13.5	136.0419
L-o-S	43.0	-4.5515	43.0	-6.6	20.71615
L-o-S	15.5	7.8	15.5	-6.91	60.84
L-o-S	14.6	16.9	14.6	3.08	285.61
L-o-S	13.4	19.6	13.4	6.05	384.16
L-o-S	15.6	8.9	15.6	-5.11	79.21

L-o-S	13.1	16.5	13.1	3.53	272.25
L-o-S	15.8	14.2	15.8	-0.05	201.64
L-o-S	15.0	23	15.0	8.59	529
L-o-S	14.2	30.1	14.2	15.87	906.01
L-o-S	45.0	11.4	45.0	-10.4	129.96
L-o-S	47.3	20.3	47.3	-1.63	412.09
L-o-S	45.9	5.3	45.9	-16.48	28.09
L-o-S	47.1	19.1	47.1	-2.8	364.81
L-o-S	46.6	34.6	46.6	12.8	1197.16
L-o-S	46.3	38.7	46.3	16.85	1497.69
L-o-S	3.9	31.3	3.9	8.44	979.69
L-o-S	3.0	34.9	3.0	11.46	1218.01
L-o-S	4.5	20.3	4.5	-2.97	412.09
L-o-S	12.8	26.4	12.8	-0.27	696.96
L-o-S	4.0	40.5	4.0	17.72	1640.25
L-o-S	17.3	22	17.3	5.12	484
L-o-S	15.8	13.8	15.8	-1.04	190.44
L-o-S	14.0	12.7	14.0	-1.5	161.29
L-o-S	12.5	11.7	12.5	-2.17	136.89
L-o-S	11.0	3	11.0	14.61	9
L-o-S	17.7	15.6	17.7	0.39	243.36
L-o-S	11.3	17.8	11.3	6.66	316.84
L-o-S	14.5	40.6	14.5	26.14	1648.36
L-o-S	3.3	29.8	3.3	18.1	888.04
L-o-S	15.8	18.5	15.8	0.98	342.25
L-o-S	17.9	17.3	17.9	0.68	299.29
L-o-S	16.2	33.5	16.2	18.69	1122.25
L-o-S	14.9	21.2	14.9	7.21	449.44
L-o-S	14.0	21.3	14.0	6.42	453.69
L-o-S	11.6	23.8	11.6	10.17	566.44
L-o-S	18.3	14.2	18.3	-1.4	201.64
L-o-S	16.7	25.2	16.7	8.83	635.04
L-o-S	12.2	41.1	12.2	28.43	1689.21
L-o-S	13.8	17.3	13.8	3.45	299.29
L-o-S	15.5	13	15.5	-3.46	169
L-o-S	19.1	12.3	19.1	-3.29	151.29
L-o-S	17.4	40.7	17.4	24.64	1656.49
L-o-S	16.0	53.3	16.0	38.92	2840.89
L-o-S	14.6	36.7	14.6	22.9	1346.89
L-o-S	11.1	28.5	11.1	16.53	812.25
L-o-S	43.4	26	43.4	4.71	676
L-o-S	44.9	30.2	44.9	8.41	912.04
L-o-S	44.0	19.5	44.0	-1.9	380.25
L-o-S	30.7	39.9	30.7	22.83	1592.01
L-o-S	41.5	16.8	41.5	-4.9	282.24
L-o-S	46.0	11.2	46.0	-10.59	125.44
L-o-S	45.0	23.8	45.0	2	566.44
L-o-S	43.8	21	43.8	-0.77	441
L-o-S	42.9	12.8	42.9	-8.99	163.84
L-o-S	48.2	34.2	48.2	33.1	1169.64
L-o-S	46.9	31.3	46.9	9.45	979.69
L-o-S	46.1	29	46.1	7.19	841
L-o-S	49.5	36.7	49.5	17.07	1346.89

L-o-S	47.9	22.3	47.9	0.46	497.29
L-o-S	47.5	27.9	47.5	5.93	778.41
L-o-S	45.9	23.1	45.9	1.34	533.61
L-o-S	45.4	18.7	45.4	-3.17	349.69
L-o-S	51.0	21.7	51.0	20.53	470.89
L-o-S	49.2	43.3	49.2	24.14	1874.89
L-o-S	48.1	31.4	48.1	9.52	985.96
L-o-S	46.1	18.2	46.1	-3.52	331.24
L-o-S	47.1	31.3	47.1	9.11	979.69
L-o-S	15.0	7.2	15.0	-7.2	51.84
L-o-S	20.9	23.2	20.9	6.98	538.24
L-o-S	25.7	18.8	25.7	0.74	353.44
L-o-S	30.4	1.7	30.4	-1.9	2.89
L-o-S	44.4	-7.8	44.4	-5.48	60.84
L-o-S	53.6	-9.5	53.6	-7.11	90.25
L-o-S	59.4	14.6	59.4	15.13	213.16
L-o-S	16.5	36.7	16.5	20.49	1346.89
L-o-S	40.5	14.9	40.5	-12.8	222.01
L-o-S	21.0	27.7	21.0	21.17	767.29
L-o-S	45.1	12	45.1	-9.83	144
L-o-S	78.8	-2.5	78.8	6.66	6.25
L-o-S	83.4	5.8	83.4	-6.02	33.64
L-o-S	17.1	21.9	17.1	7.77	479.61
L-o-S	23.9	13.4	23.9	-4.78	179.56
L-o-S	30.6	18	30.6	-1.4	324
L-o-S	35.4	20.4	35.4	-0.15	416.16
L-o-S	41.6	6.6	41.6	-14.22	43.56
L-o-S	51.2	11.9	51.2	-5.4	141.61
L-o-S	65.9	1.3	65.9	-11.22	1.69
L-o-S	69.3	18.4	69.3	5.57	338.56
L-o-S	79.9	28.5	79.9	15.96	812.25
L-o-S	16.3	27.4	16.3	12.48	750.76
L-o-S	21.5	34.9	21.5	18	1218.01
L-o-S	25.8	15.2	25.8	-2.65	231.04
L-o-S	42.7	21.5	42.7	-3.56	462.25
L-o-S	35.3	29.8	35.3	7.64	888.04
L-o-S	40.3	4.3	40.3	0.33	18.49
L-o-S	45.8	29.7	45.8	8.34	882.09
L-o-S	50.0	0.6	50.0	0.6	0.36
L-o-S	55.3	15.2	55.3	3.04	231.04
L-o-S	60.4	21.8	60.4	9.39	475.24
L-o-S	64.9	13.6	64.9	-1.51	184.96
L-o-S	16.5	33	16.5	16.62	1089
L-o-S	21.0	17.8	21.0	1.29	316.84
L-o-S	25.1	21.6	25.1	3.64	466.56
L-o-S	30.9	16.1	30.9	-4.58	259.21
L-o-S	35.4	8.7	35.4	-13.37	75.69
L-o-S	46.1	23	46.1	1.18	529
L-o-S	49.2	2.4	49.2	3.24	5.76
L-o-S	54.0	27.5	54.0	10.64	756.25
L-o-S	64.5	13.9	64.5	19.63	193.21
L-o-S	80.1	20.5	80.1	11.52	420.25
L-o-S	16.4	13.5	16.4	-1.23	182.25

L-o-S	20.8	19.6	20.8	1.89	384.16
L-o-S	24.8	6.1	24.8	4.84	37.21
L-o-S	30.4	13.9	30.4	-6.65	193.21
L-o-S	40.2	30.7	40.2	8.67	942.49
L-o-S	49.1	7.4	49.1	5.84	54.76
L-o-S	54.3	14.4	54.3	-3.41	207.36
L-o-S	59.4	35.4	59.4	13.41	1253.16
L-o-S	15.4	16	15.4	11.84	256
L-o-S	21.2	3.4	21.2	-15.03	11.56
L-o-S	45.4	32.1	45.4	9.02	1030.41
L-o-S	49.9	19.9	49.9	-2.6	396.01
L-o-S	54.5	8.8	54.5	-12.96	77.44
L-o-S	68.9	2.9	68.9	-9.44	8.41
L-o-S	15.8	29.2	15.8	14.95	852.64
L-o-S	20.2	23.3	20.2	6.31	542.89
L-o-S	25.7	11.7	25.7	-5.95	136.89
L-o-S	30.9	16	30.9	-6.11	256
L-o-S	35.0	38.8	35.0	16.95	1505.44
L-o-S	40.1	45	40.1	25.08	2025
L-o-S	43.9	0.9	43.9	3.8	0.81
L-o-S	50.3	7	50.3	14.53	49
L-o-S	54.1	9.7	54.1	-11.89	94.09
L-o-S	69.2	13.2	69.2	1.42	174.24
L-o-S	79.9	-16.5	79.9	19.39	272.25
L-o-S	4.3	23.0896	4.3	2.65	533.1296
L-o-S	8.9	28.2303	8.9	19.42	796.9498
L-o-S	12.0	44.7643	12.0	31.33	2003.843
L-o-S	13.2	40.3449	13.2	32.31	1627.711
L-o-S	10.9	25.2657	10.9	14.69	638.3556
L-o-S	43.8	50.7493	43.8	28.71	2575.491
L-o-S	8.8	5.8272	8.8	-3.05	33.95626
L-o-S	5.4	21.3796	5.4	4.79	457.0873
L-o-S	9.2	-3.3393	9.2	24.38	11.15092
L-o-S	4.3	23.0896	4.3	2.65	533.1296
L-o-S	4.3	23.0896	4.3	2.65	533.1296
L-o-S	8.4	36.4937	8.4	29.64	1331.79
L-o-S	13.8	23.4092	13.8	10.27	547.9906
L-o-S	13.7	31.4657	13.7	16.96	990.0903
L-o-S	4.3	23.0896	4.3	2.65	533.1296
L-o-S	29.5	29.2741	29.5	13.42	856.9729
L-o-S	38.6	31.3785	38.6	13.51	984.6103
L-o-S	4.3	23.0896	4.3	2.65	533.1296
L-o-S	5.2	34.6088	5.2	19.51	1197.769
L-o-S	13.6	26.8976	13.6	12.05	723.4809
L-o-S	40.8	35.6657	40.8	13.63	1272.042
L-o-S	4.9	15.2973	4.9	-0.74	234.0074
L-o-S	8.0	34.9467	8.0	26.62	1221.272
L-o-S	3.6	24.8813	3.6	3.46	619.0791
L-o-S	13.4	25.3068	13.4	10.71	640.4341
L-o-S	13.2	20.7606	13.2	12.68	431.0025
L-o-S	3.4	27.2027	3.4	5.45	739.9869
L-o-S	9.5	21.3341	9.5	36.64	455.1438
L-o-S	4.3	23.0896	4.3	2.65	533.1296

L-o-S	6.1	33.8534	6.1	20.09		1146.053
L-o-S	8.5	9.2365	8.5	3.45		85.31293
L-o-S	4.7	56.0453	4.7	37.97		3141.076
L-o-S	14.0	9.3147	14.0	-3.99		86.76364
L-o-S	7.7	6.1418	7.7	2.38		37.72171
L-o-S	4.3	23.0896	4.3	2.65		533.1296
L-o-S	16.6	41.8352	16.6	25.73		1750.184

						LOS	LOS		ILLR	
				ILLR		ILLR ave	ITWOM ave	sum squares	variance	std dev
			ILLR	7000.074	46.18	10.26404	0.06751462	224972.4828	328.427	18.1
	679		ILLR ave	10.30939						
									ILLR	
		ILLR	Total Ave	ITWOM					TOTAL	
		6.568833		0.352582					VARIANCE	
									all ranges	std dev all
								510808.6085	478.2852	21.9

ITWOM err squared
366.7225
10.0489
83.3569
415.3444
423.9481
599.2704
9.1204
149.0841
523.0369
238.3936
197.6836
892.8144
577.9216
862.0096
392.04
511.6644
766.7361
416.16
2.25
723.61
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415.3444
714.4929
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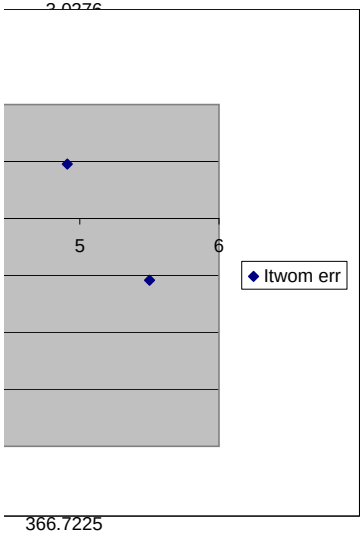
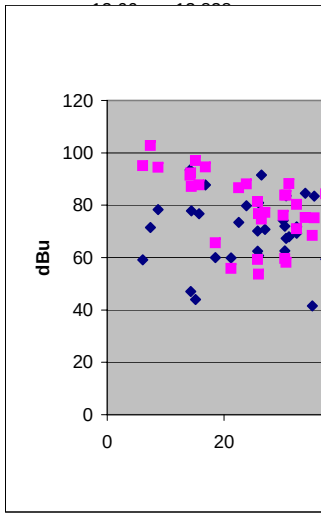
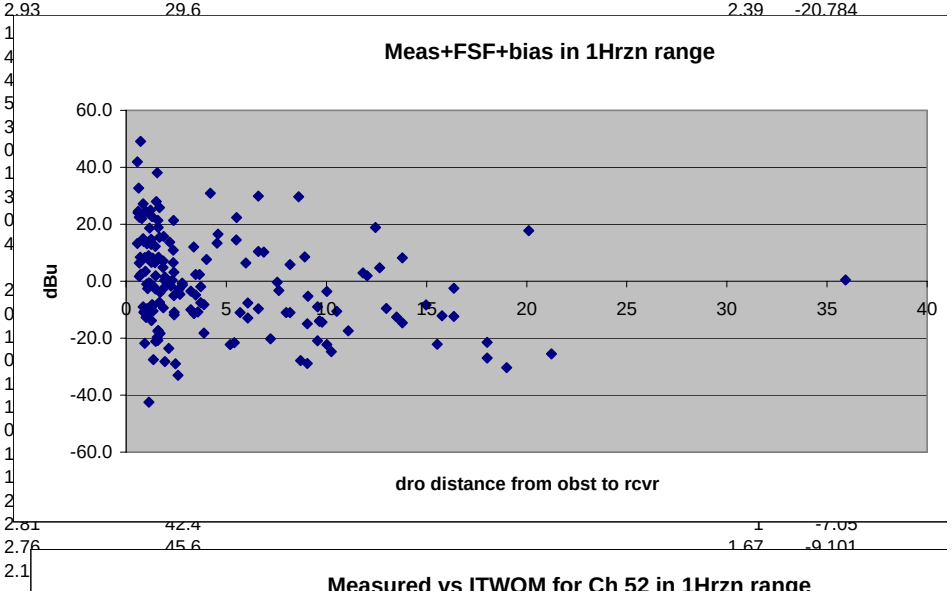
90.4401
15.8404
48.1636
79.9236
175.2976



d	ITWOM err	csd	meas+FSF-100	csd	ITWOM+FSF-100
3.98	-3.4829	3.98	61.4	3.98	59.6
0.16	-6.9189	0.16	62.3	0.16	62.6
2.64	-1.9516	2.64	90.0	2.64	73.3
1.06	-3.0098	1.06	66.7	1.06	53.3
1.21	1.9475	1.21	76.7	1.21	65.7
1.9	-2.8215	1.9	40.5	1.9	46.3
0.15	-6.1205	0.15	59.3	0.15	66.1
0.39	-36.8839	0.39	52.4	0.39	38.4
0.04	-1.4721	0.04	58.8	0.04	51.4
1.29	4.4002	1.29	31.6	1.29	35.1
1.39	-12.2631	1.39	51.2	1.39	51.0
0.33	-2.8955	0.33	51.4	0.33	41.4
1.86	-1.2127	1.86	49.4	1.86	48.5
0.09	5.5028	0.09	70.1	0.09	62.7
2.48	0.935	2.48	83.4	2.48	67.7
1.58	-8.3039	1.58	49.9	1.58	42.2
0.94	2.2699	0.94	80.9	0.94	71.8
0.56	-19.8635	0.56	34.2	0.56	35.8
4.91	9.5587	4.91	51.1	4.91	52.0
5.5	-10.8279	5.5	59.2	5.5	53.0
1.14	10.305	1.14	68.4	1.14	67.9
3.48	25.7	3.48	48.2	3.48	40.0
2.58	18.9	2.58	53.0	2.58	33.8
0.76	-1.8	0.76	44.5	0.76	41.3
0.28	33.7	0.28	33.8	0.28	42.9
0.16	40.3	0.16	19.5	0.16	39.9
2.93	18.8	2.93	50.1	2.93	29.6
1.34	28	1.34	40.6	1	
4.02	-17.9	4.02	51.1	4	
4.17	12.9	4.17	59.3	4	
5.38	13.7	5.38	47.9	5	
3.22	8.3	3.22	51.5	3	
0.23	24	0.23	43.8	0	
1.46	9.8	1.46	65.1	1	
3.18	12.1	3.18	60.2	3	
0.93	-32.4	0.93	58.0	0	
4.14	16.9	4.14	52.7	4	
3	18.5	3	52.4		
2.54	7.9	2.54	49.1	2	
0.47	29.6	0.47	39.8	0	
1.78	21.6	1.78	40.9	1	
0.78	27.8	0.78	57.2	0	
1.87	27.2	1.87	41.8	1	
1.76	6.9	1.76	52.0	1	
0.22	5	0.22	53.0	0	
1.08	20.1	1.08	47.3	1	
1.63	42.4	1.63	29.0	1	
2.03	21.1	2.03	50.3	2	
2.81	16.5	2.81	49.4	2.81	42.4
2.76	21.5	2.76	54.5	2.76	45.6
2.11	-5.6	2.11	54.6	2.1	

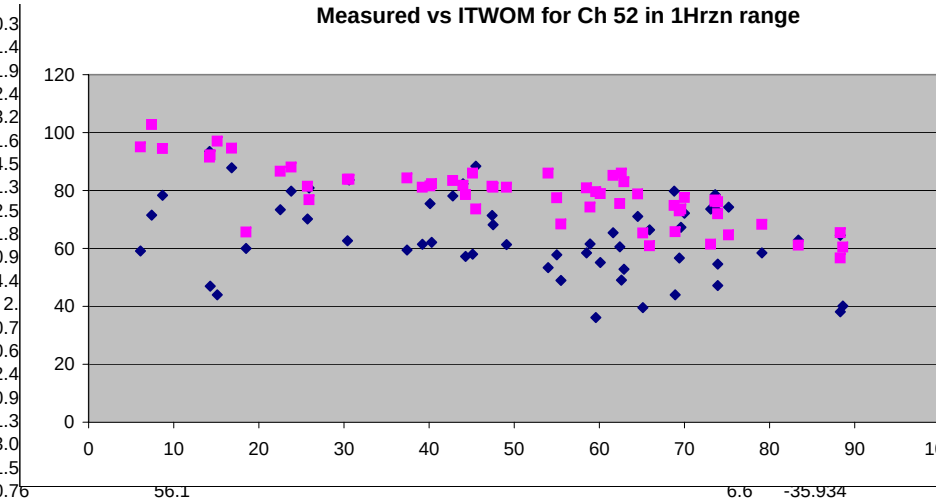
dro, km	ITWOM err
2.8	-2.0735
2.3	0.044
1.51	-16.824
1.13	20.261
2.39	-20.784
1	-7.05
1.67	-9.101





Measured vs ITWOM for Ch 52 in 1Hrzn range

468.2896	0.31	23.3	0.31	47.6	0.3			
476.5489	1.41	-21.2	1.41	51.3	1.4			
1287.374	1.96	24.2	1.96	49.6	1.9			
629.5081	2.42	21	2.42	54.5	2.4			
62.5681	3.26	31.8	3.26	40.2	3.2			
528.0804	1.68	22.4	1.68	47.1	1.6			
68.5584	4.54	11.4874	4.54	84.4	4.5			
64.4809	1.36	1.6896	1.36	50.9	1.3			
738.2089	2.57	18.7067	2.57	39.8	2.5			
919.9089	1.83	8.5234	1.83	38.4	1.8			
115.5625	0.95	-16.1823	0.95	50.6	0.9			
1.1664	4.46	-20.1345	4.46	69.6	4.4			
738.2089	2.2	-5.0629	2.2	42.4	2.			
10.1124	0.72	-14.5419	0.72	72.9	0.7			
5.1076	0.63	-0.1051	0.63	76.5	0.6			
45.9684	2.43	2.6894	2.43	74.0	2.4			
125.6641	0.99	11.2297	0.99	84.7	0.9			
86.8624	1.32	11.4279	1.32	86.6	1.3			
10.3684	3.06	-6.5313	3.06	61.9	3.0			
211.9936	1.53	14.5578	1.53	68.4	1.5			
1280.924	0.76	2.0433	0.76	91.9	0.76	56.1	6.6	-35.934
5.1984	1.08	4.588	1.08	51.0	1.08	53.3	8.19	2.133
139.24	2.52	1.6065	2.52	74.9	2.52	63.1	1.25	-11.855
71.5716	2.23	-1.1199	2.23	62.3	2.23	70.8	1.92	8.379
210.8304	1.08	1.1364	1.08	67.8	1.08	53.3	8.19	-14.667
14.5161	0.76	-60.6	0.76	52.3	0.76	56.1	6.6	3.666
104.04	3.39	15.4181	3.39	60.3	3.39	70.5	2.24	10.123
1211.736	4.3	5.722	4.3	80.8	4.3	46.0	12.45	-35.05
59.9076	2.12	-0.5846	2.12	61.2	2.12	68.9	1.24	7.678
1183.36	2.18	-1.3576	2.18	79.8	2.18	45.4	20.1	-34.68
255.3604	0.62	17.451	0.62	72.4	0.62	56.5	6.59	-16.138
1631.352	0.3	2.9345	0.3	91.7	0.3	51.3	8.62	-40.526
1.6384	2.15	-1.3185	2.15	56.7	2.15	58.0	9.07	1.096
33.4084	0.64	7.7837	0.64	74.3	0.64	68.5	1.45	-5.83
317.5524	4.6	7.6623	4.6	80.7	4.6	62.9	1.16	-17.88
839.2609	3.41	36.0843	3.41	44.7	3.41	73.7	1.6	28.841
60.9961	0.59	25.9444	0.59	53.7	0.59	61.5	14.97	7.283
1.7424	5.46	7.037	5.46	77.7	5.46	76.4	1.87	-1.476
1460.004	4.63	-36.7	4.63	33.0	4.63	71.2	2.45	38.042
0.6561	2.47	24.7026	2.47	70.4	2.47	71.2	0.7	0.739
16.9744	4.53	12.4136	4.53	51.0	4.53	55.2	7.99	3.821
125.2161	1.38	-2.9267	1.38	72.3	1.38	61.1	6.87	-11.419
7.3441	3.74	-2.0858	3.74	62.4	3.74	59.7	35.92	-5.134
454.1161	0.58	12.0288	0.58	39.7	0.58	61.0	5.19	21.031
1213.826	3.71	25.4071	3.71	41.2	3.71	76.1	1.59	34.687
34.4569	0.46	13.1235	0.46	70.4	0.46	76.3	1.62	5.695
23.04	2.42	18.199	2.42	44.6	2.42	49.4	11.09	4.517
10.1124	2.04	0.2998	2.04	64.4	2.04	61.2	3.66	-3.343
316.84	1.17	20.8002	1.17	36.5	1.17	54.3	21.24	16.953
43.56	3.87	8.11	3.87	64.9	3.87	58.3	11.83	-6.962
0.0081	3.09	13.7072	3.09	61.7	3.09	61.8	7.54	-0.307
122.5449	2.46	24.5515	2.46	71.0	2.46	82.1	1.13	10.942
71.0649	2.75	-77.7	2.75	68.5	2.75	60.1	2.35	-8.483



478.7344	2.1	0.47	2.1	60.6	2.1	82.5	2.81	21.803
49.7025	2.19	-16.2521	2.19	84.3	2.19	77.3	5.52	-7.166
415.3444	0.18	19.394	0.18	75.8	0.18	96.1	2.18	20.313
167.7025	0.96	11	0.96	68.6	0.96	81.5	1.27	12.907
217.8576	5.76	12.3	5.76	89.1	5.76	74.4	0.85	-14.79
0.2116	0.76	18.6	0.76	83.3	0.76	82.9	1.58	-0.508
391.2484	5.97	40.5	5.97	63.4	5.97	83.2	1.93	19.721
394.0225	2.59	16.7	2.59	61.4	2.59	81.2	1.13	19.809
24.7009	1.61	-1.2	1.61	77.0	1.61	72.0	0.85	-5.005
462.25	4.56	-0.1	4.56	51.1	4.56	72.6	2.39	21.433
423.1249	0.48	6.7	0.48	35.1	0.48	55.6	18.02	20.371
126.7876	0.9	35.4	0.9	75.9	0.9	87.2	0.88	11.228
454.9689	3.36	41.7	3.36	66.9	3.36	88.2	1.84	21.275
381.0304	0.28	22.1	0.28	48.0	0.28	67.5	9.65	19.403
266.6689	0.63	11.5	0.63	53.8	0.63	70.1	3.88	16.256
568.3456	1.8	12.4	1.8	53.4	1.8	77.3	1.35	23.797
388.8784	2.23	17.7	2.23	56.9	2.23	76.6	2.38	19.671
1889.641	1.2	38.2	1.2	34.5	1.2	78.0	1.36	43.438
616.0324	3.75	12.7	3.75	43.7	3.75	68.6	1.69	24.778
30.5809	3.59	17.9	3.59	69.1	3.59	74.6	1.85	5.477
5.6169	2.05	-8.1	2.05	75.2	2.05	72.8	1.04	-2.407
99.4009	0.98	2.2	0.98	54.3	0.98	64.3	6.07	9.872
2.8224	2.29	-5.7	2.29	58.4	2.29	56.7	10.02	-1.804
410.0625	2.82	10.5	2.82	63.9	2.82	84.2	1.48	20.206
39.8161	1.61	-0.3	1.61	64.4	1.61	70.7	3.47	6.24
88.1721	0.01	-10.3	0.01	70.6	0.01	61.2	8.91	-9.506
672.3649	0.06	24.7	0.06	37.2	0.06	63.2	10.24	25.753
226.5025	1.02	-1.1	1.02	58.5	1.02	73.6	3.23	14.952
477.8596	2.74	9.1	2.74	41.1	2.74	63.0	9.55	21.7
143.0416	4.56	-4.1	4.56	70.2	4.56	58.3	13.78	-12.156
458.8164	2.57	7.3	2.57	58.2	2.57	79.6	2.59	21.344
16.9744	1.95	26.6	1.95	86.5	1.95	82.4	1	-4.158
0.0841	2.51	22	2.51	87.8	2.51	88.1	1.67	0.235
36.8449	3.02	2.6	3.02	77.3	3.02	83.4	1.66	6.013
27.8784	2.38	6.9	2.38	63.9	2.38	58.7	12.03	-5.465
55.5025	5.67	4.4	5.67	59.5	5.67	52.0	16.37	-7.762
163.0729	0.39	6.9	0.39	60.1	0.39	72.9	3.73	12.669
9.5481	2.84	12.7	2.84	70.3	2.84	73.4	0.93	3.039
765.6289	2.93	4.4	2.93	33.1	2.93	60.8	9.05	27.338
32.1489	1.98	-60	1.98	75.3	1.98	80.9	0.56	5.67
979.0641	1.64	45.7107	1.64	94.7	1.64	126.0	0.62	31.257
920.5156	3.28	15.592	3.28	57.4	3.28	87.8	2.68	30.229
103.0225	4.49	7.4089	4.49	78.5	4.49	88.6	4.58	9.997
622.5025	0.94	23.423	0.94	68.6	0.94	93.5	1.44	24.878
1360.872	2.66	27.5385	2.66	53.8	2.66	90.7	1.3	36.813
2055.716	3.42	39.261	3.42	64.5	3.42	109.8	0.74	45.29
784	1.66	-58	1.66	65.5	1.66	93.5	0.95	27.936
28.8369	3.35	27.6868	3.35	86.1	3.35	91.5	0.59	5.312
1066.023	2.84	-53.4	2.84	59.4	2.84	92.0	1.07	32.579
505.3504	2.35	-58.4	2.35	63.7	2.35	86.1	0.66	22.431
263.7376	3.28	35.6228	3.28	100.1	3.28	116.4	1.55	16.177
63.0436	0.82	20.5573	0.82	75.4	0.82	83.4	4.54	7.785
175.8276	1.9	0.6512	1.9	87.0	1.9	100.2	1.22	13.192

1296				1.21	65.7094	1.21	84.0	1.21	120.0	0.79	35.965
2821.734				0.11	39.0297	0.11	61.0	0.11	114.2	1.02	53.053
46.24				2.21	25.9019	2.21	103.9	2.21	110.7	0.57	6.763
71.0649				2.09	15.6484	2.09	92.9	2.09	101.3	4.2	8.293
3.9601	sumsquares	variance	std dev	1.29	23.252	1.29	111.1	1.29	109.1	0.72	-2.046
395.2144	55382.0984	341.8648	18.5	2.58	3.1883	2.58	70.2	2.58	90.1	1.04	19.812
128.8225											
1324.232											
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7.5625			ITWOM	
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106.09				
12.8881				
235.9296				
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	ITWOM	
sum squares	variance	std dev
96902.2808	141.4632	11.9

	ITWOM TOTAL VARIANCE	
	all ranges	std dev all
242765.9682	227.309	15.1

dro, km	pd meas+FSF-162	
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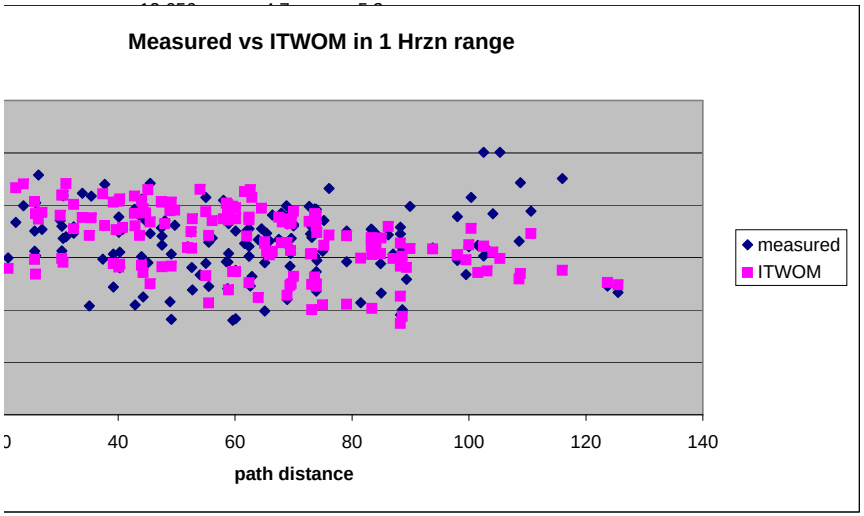
2.304	0.3	0.8
1.508	28.0	13.2



1.131	-42.5	0.8
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	-14.1	26.9
	-10.5	16.1
	-18.2	1.15
	3.1	7.3
	-1.8	15.9
	-4.0	4.65
	-9.3	20.7
	-9.6	15
	-12.9	12.7
	-22.2	2.35
	-21.1	8.9
	-4.8	3.9
	-20.2	9.35
	-10.0	8.8
	-9.0	1.1
	-14.7	5.4
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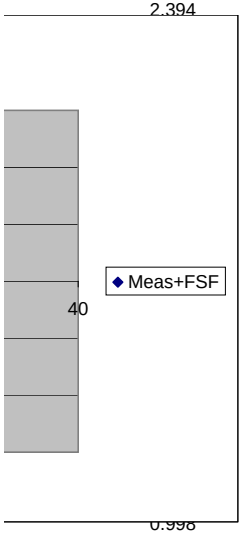

d	measured	ITWOM	d	mpath	
62	70.3	68.2265	2.8	0.3335	23
52.5	69.8	69.844	2.3	0.236	10
26.4	91.5	74.676	1.51	0.134	10
66.4	76.2	62.362	12.66	0.508	10
39.7	81.8	70.644	1.24	0.076	10
99.5	53.5	59.099	5.41	0.191	10
56.1	67.4	74.033	1.45	0.167	10
108.6	66.2	51.796	12.99	0.354	10
72.9	69.1	61.341	7.62	0.399	10
125.5	46.7	49.674	19	0.446	10
93.8	63.7	63.36	3.57	0.16	10
101.5	64.6	54.281	10.52	0.309	10
87	61.3	59.623	13.5	0.797	10
43.7	76	68.489	1.33	0.081	10
37.7	88	72.168	2.36	0.182	10
103.1	63.2	54.91	15.77	0.59	10
33.9	84.6	75.334	1.6	0.116	10
123.7	49.1	50.419	8.72	0.311	10
100	64.2	64.915	1.17	0.135	10
83.3	70.7	64.378	2.64	0.132	10
32.4	71.7	71.038	0.65	0.122	10
47.5	64.8	56.493	1.27	0.127	10
45.5	69.2	49.963	0.85	0.087	10
44	60.4	57.09	1.58	0.14	10
39.2	48.7	57.657	1.93	0.173	10
49.1	36.4	56.661	1.13	0.119	10
73.9	70.6	49.816	2.39	0.194	10
88.6	62.6	37.539	18.02	0.581	10
25.7	62.4	59.286	0.88	0.094	10
30.4	72	59.63	1.84	0.16	10
55.5	65.9	42.689	9.65	0.341	10
60.1	70.2	54.635	1.35	0.125	10
69.4	63.7	49.424	3.88	0.216	10
55	83	52.976	2.38	0.144	10
59.6	78.8	54.665	1.36	0.095	10
73.9	78.5	49.017	1.69	0.123	10
70	72.7	52.745	1.85	0.155	10
73.6	72.8	50.072	1.04	0.108	10
79.1	70.1	42.125	6.07	0.285	10
83.4	61.3	40.54	10.02	0.36	10
40.3	56.1	57.472	1.48	0.128	10
69.6	77.1	49.995	3.47	0.205	10
75	62.4	41.86	7.2	0.3	10
62.4	71	50.334	3.23	0.286	10
68.9	72.8	45.604	9.55	0.466	10
73.1	67.7	40.038	13.78	0.572	10
44.3	45	54.289	2.59	0.221	10
21.2	59.9	55.804	1.03	0.116	10
25.9	60.7	53.65	1	0.11	10
30.6	67.3	58.199	1.67	0.161	10
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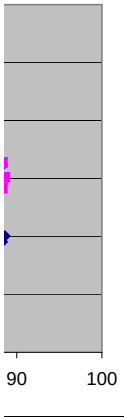

measured
ITWOM

	14.4	1.55	64	66.8	44.68	9.79	0.48	10
	10.7	7.05	73.1	71.7	49.681	0.91	0.189	10
	12.4	9.8	88.3	71.6	34.811	16.37	0.909	10
	-7.5	12.1	58.9	73	47.617	3.73	0.293	10
	21.8	16.3	73.6	60.6	52.541	0.93	0.149	10
	14.9	8.4	88.3	69.1	45.16	9.05	0.96	10
	22.4	22.7	35.4	83.5	75.145	0.66	0.075	10
	11.1	6.8	65.1	58.1	66.01	5.69	0.12	10
	22.2	12.85	35.1	41.6	68.456	15.54	0.314	10
	23.6	9.15	42.9	41.9	72.157	2.13	0.073	10
	11.4	4.75	74	58.9	69.559	3.39	0.091	10
	7.6	22.3	48	74.1	72.897	4.02	0.123	10
	19.6	11	52.7	47.7	74.818	1.55	0.052	10
	10.9	3.6	44.7	74	76.943	2.34	0.237	10
	14.5	3.15	30.1	74.2	76.183	5.49	0.277	10
	12.0	12.15	27	70.7	77.191	3.37	0.289	10
	22.7	4.95	15.7	76.7	87.715	1.3	0.195	10
	24.6	6.6	14.4	77.9	87.144	0.61	0.076	10
	-0.1	15.3	86.2	68.7	71.857	1.98	0.063	10
	6.4	7.65	104.1	76.8	62.119	5.98	0.121	10
6.602	29.9	3.8	102.5	100.2	64.266	6.6	0.144	10
8.189	-11.0	5.4	98	58.9	61.033	8.19	0.147	10
1.254	12.9	12.6	100.4	83	71.145	1.25	0.055	10
1.919	0.3	11.15	67.5	67	75.379	1.92	0.081	10
8.189	5.8	5.4	98	75.7	61.033	8.19	0.147	10
6.602	-9.7	3.8	102.5	60.6	64.266	6.6	0.144	10
2.24	-1.7	16.95	62.4	64.3	74.423	2.24	0.077	10
12.453	18.8	21.5	116	90.2	55.15	12.45	0.24	10
1.238	-0.8	10.6	68.1	65.9	73.578	1.24	0.062	10
20.097	17.8	10.9	108.8	88.6	53.92	20.1	0.28	10
6.595	10.4	3.1	89.9	79.6	63.462	6.59	0.158	10
8.619	29.7	1.5	105.3	100.2	59.674	8.62	0.136	10
9.07	-5.3	10.75	69.5	61.6	62.696	9.07	0.184	10
1.452	12.3	3.2	72.7	79.6	73.77	1.45	0.05	10
1.159	18.7	23	76.1	86.4	68.52	1.16	0.06	10
1.596	-17.3	17.05	58.7	48.2	77.041	1.6	0.129	10
14.969	-8.3	2.95	52.6	56.2	63.483	14.97	0.527	10
1.866	15.7	27.3	42.8	78.4	76.924	1.87	0.156	10
2.454	-29.0	23.15	60.1	36.7	74.742	2.45	0.168	10
0.702	8.4	12.35	40.8	70.7	71.439	0.7	0.071	10
7.987	-11.0	22.65	84.9	57.7	61.521	7.99	0.299	10
6.87	10.3	6.9	67.9	77	65.581	6.87	0.229	10
35.918	0.4	18.7	84.1	69	63.866	35.92	2.424	10
5.194	-22.3	2.9	85	46.4	67.431	5.19	0.279	10
1.588	-20.8	18.55	48.9	43.1	77.787	1.59	0.153	10
1.619	8.4	2.3	49.7	72.4	78.095	1.62	0.175	10
11.093	-17.4	12.1	89.3	51.7	56.217	11.09	0.283	10
3.659	2.4	10.2	83.3	70.9	67.557	3.66	0.163	10
21.236	-25.5	5.85	81.5	42.8	59.753	21.24	0.847	10
11.828	2.9	19.35	65.4	69.3	62.338	11.83	0.362	10
7.544	-0.3	15.45	51.9	64.1	63.793	7.54	0.397	10
1.125	9.0	12.3	32.4	69.3	80.242	1.13	0.128	10
2.348	6.5	13.75	110.6	77.7	69.217	2.35	0.053	10

2.812	-1.4	10.5	58.8	58.3	80.103	2.81	0.077	10
5.52	22.3	10.95	58	81.9	74.734	5.52	0.116	10
2.177	13.8	0.9	31.1	67.9	88.213	2.18	0.067	10
1.27	6.6	4.8	47.5	68.2	81.107	1.27	0.043	10
0.851	27.1	28.8	45.5	88.4	73.61	0.85	0.03	10
1.579	21.3	3.8	44	82.3	81.792	1.58	0.048	10
1.935	1.4	29.85	39.2	61.4	81.121	1.93	0.059	10
1.131	-0.6	12.95	49.1	61.3	81.109	1.13	0.041	10
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2.394	-10.9	22.8	73.9	54.6	76.033	2.39	0.067	10
18.019	-26.9	2.4	88.6	40.1	60.471	18.02	0.199	10
0.883	13.9	4.5	25.7	70.2	81.428	0.88	0.032	10
1.837	4.9	16.8	30.4	62.6	83.875	1.84	0.055	10
9.653	-14.0	1.4	55.5	49	68.403	9.65	0.117	10
3.88	-8.2	3.15	69.4	56.7	72.956	3.88	0.074	10
1.35	-8.6	9	60.1	55.1	78.897	1.35	0.043	10
2.381	-5.1	11.15	55	57.8	77.471	2.38	0.049	10
1.356	-27.5	6	59.6	36.1	79.538	1.36	0.032	10
1.688	-18.3	18.75	73.9	47.2	71.978	1.69	0.042	10
1.853	7.1	17.95	70	72.1	77.577	1.85	0.053	10
1.037	13.2	10.25	73.6	78.6	76.193	1.04	0.037	10
6.067	-7.7	4.9	79.1	58.4	68.272	6.07	0.098	10
10.019	-3.6	11.45	83.4	62.9	61.096	10.02	0.124	10
1.476	1.9	14.1	40.3	62.1	82.306	1.48	0.044	10
3.466	2.4	8.05	69.6	67.3	73.54	3.47	0.07	10
8.915	8.6	0.05	75.2	74.2	64.694	8.91	0.116	10
10.237	-24.8	0.3	65.1	39.6	65.353	10.24	0.177	10
3.232	-3.5	5.1	62.4	60.5	75.452	3.23	0.098	10
9.554	-20.9	13.7	68.9	44	65.7	9.55	0.16	10
13.785	8.2	22.8	73.1	73.6	61.444	13.78	0.196	10
2.587	-3.8	12.85	44.3	57.2	78.544	2.59	0.076	10
0.998	24.5	9.75	25.9	80.9	76.742	1	0.038	10
1.668	25.8	12.55	30.6	83.6	83.835	1.67	0.055	10
1.663	15.3	15.1	40.1	75.5	81.513	1.66	0.057	10
12.034	1.9	11.9	65.9	66.4	60.935	12.03	0.185	10
16.37	-2.5	28.35	88.3	64.5	56.738	16.37	0.312	10
3.728	-1.9	1.95	58.9	61.6	74.269	3.73	0.101	10
0.926	8.3	14.2	73.6	73.7	76.739	0.93	0.051	10
9.046	-28.9	14.65	88.3	38.1	65.438	9.05	0.332	10
0.564	13.3	9.9	18.5	60	65.67	0.56	0	10
0.625	32.7	8.2	7.4	71.5	102.757	0.62	0.033	10
2.683	-4.6	16.4	62.9	52.8	83.029	2.68	0.111	10
4.581	16.5	22.45	47.4	71.4	81.397	4.58	0.153	10
1.443	6.6	4.7	37.4	59.4	84.278	1.44	0.072	10
1.298	-8.2	13.3	62.6	49.1	85.913	1.3	0.077	10
0.739	2.5	17.1	14.3	47	92.29	0.74	0.05	10
0.953	3.5	8.3	45.1	58	85.936	0.95	0.064	10
0.594	24.1	16.75	42.8	78.1	83.412	0.59	0.058	10
1.066	-2.6	14.2	54	53.4	85.979	1.07	0.071	10
0.656	1.7	11.75	58.5	58.4	80.831	0.66	0.049	10
1.547	38.1	16.4	8.7	78.3	94.477	1.55	0.063	10
4.537	13.4	4.1	64.5	71	78.785	4.54	0.155	10
1.222	25.0	9.5	22.5	73.4	86.592	1.22	0.068	10

	0.791	22.0	6.05
	1.016	-1.0	0.55
	0.565	41.9	11.05
	4.201	30.9	10.45
	0.724	49.1	6.45
236.4985	1.042	8.2	12.9

6.1	59.1	95.065	0.79	0.035	10
15.1	44	97.053	1.02	0.067	10
16.8	87.8	94.563	0.57	0.037	10
23.8	79.8	88.093	4.2	0.137	10
14.2	93.5	91.454	0.72	0.056	10
61.6	65.4	85.212	1.04	0.068	10
126.6	57.6	68.95	0	0	10
121.9	37.1	73.49	0	0	10
86.3	52.1	58.66	51.2461	0	10
76.6	56.1	46.39	59.3354	0	10
81.4	66.5	73.65	58.321	0	10
71.6	62.9	63.79	62.0374	0	10
102.5	55.6	66.78	60.9473	0	10
78.5	48	60.33	0	0	10
109.5	62	66.4	0	0	10
112.8	51.9	60.19	48.0289	0	10
57.8	82	47.74	74.373	0	10
70.4	72.5	66.41	64.067	0	10
121.6	50.7	69.93	0	0	10
79.2	64.2	59.19	52.8735	0	10
109.9	58.3	52.55	55.3857	0	10
77.5	60.7	74.76	0	0	10
122.1	77.8	62.99	47.417	0	10
117.6	57.4	69.58	48.832	0	10
76.6	57	46.39	59.3354	0	10
116	76	61.64	0	0	10
108.3	36.7	53.87	0	0	10
124.5	31.1	71.21	50.929	0	10
120	49.2	74.07	0	0	10
61.9	72.5	55.68	67.8419	0	10
124.3	58.2	74.94	0	0	10
60.3	60.8	47.46	51.7228	0	10
70.2	67.2	71.96	61.7429	0	10
124.3	34.3	65.1	0	0	10
84	73.9	47.55	63.1	0	10
83.5	70.5	29.86	91.2	0	10
78.3	85.4	57.15	78.3	0	10
34.9	56.3	43.56	48.6	0	10
64.2	71.1	51.8	73.6	0	10
68.8	67.5	31.16	107.4	0	10
158.8	73	42.62	75.6	0	10
83.3	60.2	38.95	55.1	0	10
35.2	53.9	59.47	88.6	0	10
49.8	52.2	49.35	91.6	0	10
64.8	70.7	44.05	91.4	0	10
73.8	61.7	41.05	78.1	0	10
88.2	59.9	46.24	104.9	0	10
26	67	43.74	47.5	0	10
45.3	48.3	52.7	92.8	0	10
84.1	67.2	58.72	88.3	0	10
115	62	61.89	65.4	0	10
87.7	63.2	39.1	90.1	0	10
59.7	74.8	43.39	90.3	0	10

65.6	58.5	63.05	104.9	0	10
64.8	56.6	55.4	92.8	0	10
55.6	58.5	43.23	92.3	0	10
87.9	50.5	45.83	94.4	0	10
83.3	62.3	50.39	107.4	0	10
61.9	65.2	24.22	58.3	0	10
59	77.8	49.29	89	0	10
77.9	72.9	49.66	93.4	0	10
96.6	71	41.59	36.3	0	10
63.8	81.5	55.41	78.9	0	10
83.7	64.4	45.89	38.8	0	10
115.6	66.2	56.08	0	0	10
28.5	72.9	46.75	68.4533	0	10
6.9	67.9	83.02	67.07	0	10
36.9	69.7	58.05	78.6715	0	10
65.1	49.4	52.97	0	0	10
81.1	48.7	47.2	49.8641	0	10
21	41.9	64.46	47.8235	0	10
56.6	30	53.37	43.9372	0	10
80.2	48.5	36.08	40.6144	0	10
93.3	34.9	54	0	0	10
101.7	24.9	70.59	0	0	10
83.7	51.4	55.42	52.048	0	10
79.1	75.4	42.14	39.1165	0	10
62.3	49.8	59.64	44.7621	0	10
62.5	40.5	50.79	43.4664	0	10
96.9	47.1	56.97	0	0	10
78.1	53.4	51.88	37.5559	0	10
93.8	40.9	41.48	0	0	10
65.6	47.7	57.12	37.366	0	10
56	62.9	65.74	0	0	10
31	67.5	75.79	70.2623	0	10
66.8	41.3	74.25	0	0	10
88.1	53.4	55.48	0	0	10
106.1	81.1	69.1	91.2774	0	10
78.5	82	48.91	83.4743	0	10
91.6	64.2	59.44	59.5201	0	10
68.3	60.9	67.43	56.3548	0	10
110.5	55.4	55.87	37.0154	0	10
82.1	73.2	58.9	100.9797	0	10
116	72.8	53.48	66.3148	0	10
98.6	88	52.37	101.8442	0	10
116	94	53.48	94.0623	0	10
111.7	94.2	61.53	104.2114	0	10
39.9	55.9	56.61	67.1004	0	10
132.3	85.12	72.49	0	0	10
87.9	48.7	71.23	62.2939	0	10
74.6	56.7	76.89	63.7353	0	10
85.4	60.5	75.43	61.2552	0	10
59.5	53.9	59.26	71.2276	0	10
89.1	77.9	74.39	65.9399	0	10
81.3	46.1	70.36	57.4718	0	10
85.8	53.6	70.05	59.8913	0	10

54.9	64.1	70.02	77.9774	0	10
66.1	68.6	74.18	59.9726	0	10
70.7	47.6	71.78	60.3086	0	10
72.8	39	76.01	62.0463	0	10
68.4	51.6	76.02	59.6247	0	10
56.2	43.9	67.95	60.8082	0	10
49.9	55	75.62	77.3446	0	10
70.2	33.4	65.67	63.1657	0	10
86.7	58.5	76.39	65.4442	0	10
85	59.5	81.11	63.6474	0	10
77	42.9	53.04	0	0	10
77.5	70.1	78.11	67.7798	0	10
90.3	67.9	80.1	63.5753	0	10
69.9	27.9	75.21	0	0	10
63.7	45.7	66.41	68.7885	0	10
88.3	67.3	67.25	0	0	10
75.9	56.3	75.33	63.8094	0	10
88.9	51.1	65.42	0	0	10
77.4	45.8	73.25	65.5402	0	10
44.1	84.2	74.49	66.8846	0	10
69.1	57.2	61.49	64.8919	0	10
84.2	55.5	75.66	0	0	10
69.4	68.7	93.75	0	0	10
56	84	71.59	82.584	0	10
18.9	55.2	74.12	86.7547	0	10
53.8	59	82.14	79.5672	0	10
56.5	39.7	71.17	73.2144	0	10
88.1	50.9	74.86	56.8639	0	10
90.2	60.1	39.37	0	0	10
82.9	27	60.26	0	0	10
77.5	57	76.25	60.9165	0	10
54.7	57.7	81.77	68.2899	0	10
83.8	30.1	60.31	0	0	10
88.4	64.9	74.55	0	0	10
71.5	68.1	69.25	71.4209	0	10
45.7	61.3	64.23	84.6109	0	10
55.9	77.1	50.84	71.733	0	10
75.8	47.6	67.27	64.8246	0	10
52.3	61.2	74.37	79.2131	0	10
168.4	65.5	43.23	0	0	10
50.5	34.2	53.97	45.505	0	10
31.4	64.2	61.39	70.8185	0	10
58.7	49.4	67.44	51.7607	0	10
84	78.7	52.18	100.5	0	10
83.5	77	34.55	100.5	0	10
34.9	74.3	48.03	103	0	10
64.2	63.7	58.32	81.4	0	10
158.8	33.6	47.9	41.2	0	10
83.3	48.2	43.62	37.8	0	10
35.2	70.9	66.26	82.2	0	10
49.8	66	53.65	66.3	0	10
64.8	65.2	50.16	73.6	0	10
73.8	59.4	45.77	53.8	0	10

88.2	51.3	53.16	82.2	0	10
26	95	47.52	105.6	0	10
45.3	66.2	58.44	61.8	0	10
84.1	49.3	70.94	57.5	0	10
115	53.3	69.5	57	0	10
87.7	35.7	43.8	53.4	0	10
59.7	62.6	49.94	72.1	0	10
65.6	72	69.86	62	0	10
55.6	92.8	47.9	87.1	0	10
87.9	63.8	50.95	100.7	0	10
78.8	58.4	62.56	57.2	0	10
87.4	43.6	65.03	58.3	0	10
61.9	75	28.76	104.1	0	10
59	62.3	55.69	72.8	0	10
73.7	80.4	38.49	33.5	0	10
77.9	87.6	55.26	60.2	0	10
96.6	69.2	44.48	62.4	0	10
64.3	64.9	63.06	54.8	0	10
83.7	38.3	52.04	29.4	0	10
40.4	69	63.72	77.3508	0	10
39.3	54.2	61.28	68.2365	0	10
79.4	26.5	65.18	0	0	10
7.2	74.4	58.59	117.0252	0	10
78.1	30.9	58.71	0	0	10
40	72.2	45.34	66.7148	0	10
53.6	60.5	62.21	0	0	10
23.4	63.2	51.39	108.525	0	10
45.6	49.8	64.78	72.2473	0	10
26.9	70.6	62.05	0	0	10
15.3	88.6	64.44	95.9012	0	10
62.2	59.4	81.58	80.5019	0	10
52.2	47	56.87	0	0	10
37.6	64	67.5	0	0	10
38.7	52.1	65.97	0	0	10
56.7	41.5	72.68	0	0	10
41	60.1	54.7	73.7021	0	10
24	67.7	62.76	86.7796	0	10
6.8	61	62.68	93.0936	0	10
39	66.8	65.7	77.0676	0	10
27.3	77	59.36	69.1966	0	10
70.6	57.8	60.27	0	0	10
46.1	28.5	60.98	0	0	10
74.2	30.3	49.84	0	0	10
61.3	79.8	61.65	0	0	10
22.5	55.6	62.11	113.4147	0	10
8.7	74.9	57.9	79.6516	0	10
30.5	71.2	59.43	71.1747	0	10
75	46.4	62.56	66.5057	0	10
42.4	52.7	42.39	68.0121	0	10
38.4	55.6	65.13	0	0	10
36.7	56	73.03	0	0	10
62.6	85.9	80.96	80.9691	0	10
45.5	69.1	59.62	78.8954	0	10

37	62.2	33.64	0	0	10
45.1	62.9	61.34	79.9268	0	10
22.3	61	62.77	78.4488	0	10
75.5	35.9	64.04	0	0	10
29.6	57.1	52.95	79.5346	0	10
68.8	35.5	81.99	0	0	10
45.7	54.4	79.36	0	0	10
64.2	73.6	68.9	70.9575	0	10
16.4	71.1	56.96	115.7779	0	10
55.1	38.5	68.08	0	0	10
69.5	54.4	70.68	68.8195	0	10
33.2	61.5	58.75	0	0	10
18.3	71.7	66.81	79.6563	0	10
18.7	73.1	57.59	83.7621	0	10

sorted by strmode, frequency

zg_real	dro	zg_imag	sps	abq_a(r	q	sps-zg_real	sps+zg_real	sps-zg_imag	sps-zg_imal	r(real)	r(imag)	abq_a(r(r
3.75	2797.2605	0.1957	0.1546	0.09	0.1	-3.5954	3.9046	-0.1957	0.1957	-0.920811351	-1	1.847894
3.75	2303.8808	0.1957	0.3921	0	0.88	-3.3579	4.1421	-0.1957	0.1957	-0.810675744	-1	1.657195
3.75	1507.5808	0.1957	0.5013	0	0.63	-3.2487	4.2513	-0.1957	0.1957	-0.764166255	-1	1.58395
3.75	12655.786	0.1957	0.0652	0.25	0.83	-3.6848	3.8152	-0.1957	0.1957	-0.965820927	-1	1.93281
3.75	1241.1323	0.1957	0.9148	0	0.29	-2.8352	4.6648	-0.1957	0.1957	-0.607785972	-1	1.369404
3.75	5405.8689	0.1957	0.0556	0.38	0.01	-3.6944	3.8056	-0.1957	0.1957	-0.970779903	-1	1.942414
3.75	1448.8942	0.1957	0.5786	0	0.79	-3.1714	4.3286	-0.1957	0.1957	-0.732661831	-1	1.536793
3.75	12992.7729	0.1957	0.0386	nan	0.11	-3.7114	3.7886	-0.1957	0.1957	-0.97962308	-1	1.959661
3.75	7615.6872	0.1957	0.1137	0.12	0.54	-3.6363	3.8637	-0.1957	0.1957	-0.941144499	-1	1.885753
3.75	18998.7473	0.1957	0.0288	0.5	0.09	-3.7212	3.7788	-0.1957	0.1957	-0.984757066	-1	1.969746
3.75	3571.5637	0.1957	0.1041	0.18	0	-3.6459	3.8541	-0.1957	0.1957	-0.945979606	-1	1.894877
3.75	10518.5062	0.1957	0.0445	nan	0.16	-3.7055	3.7945	-0.1957	0.1957	-0.976544999	-1	1.95364
3.75	13500.5184	0.1957	0.0808	0.17	0.52							
3.75	1329.5182	0.1957	0.6792	0	0.03							
3.75	2361.9564	0.1957	0.3126	0.01	0.37							
3.75	15768.5496	0.1957	0.0549	0.29	0.3							
3.75	1603.2161	0.1957	0.4107	0	0.12							
3.75	8717.2201	0.1957	0.0677	0.27	0.2							
3.75	1172.925	0.1957	0.7016	0	1.17							
3.75	2640.92	0.1957	0.1375	0.12	0.08							
3.75	647.9966	0.1783	0.1198	0.16	0.28							
3.74	1270.4034	0.1441	0.3865	0	0.03							
3.74	850.973	0.1441	0.848	0	0.7							
3.74	1579.437	0.1441	0.2777	0	0.11							
3.74	1934.8604	0.1441	0.2502	0.01	0.22							
3.74	1130.7804	0.1441	0.4648	0	0.05							
3.74	2394.3624	0.1441	0.1994	0.02	0.54							
3.74	18018.9531	0.1441	0.0271	0.42	0.36							
3.74	883.2268	0.1441	0.7387	0	0.2							
3.74	1837.1449	0.1441	0.2456	0.01	0.36							
3.74	9652.724	0.1441	0.0339	0.4	0.84							
3.74	1350.0605	0.1441	0.3342	0	0							
3.74	3880.2904	0.1441	0.0913	0.13	0.22							
3.74	2381.3997	0.1441	0.0974	0.13	0.17							
3.74	1355.5191	0.1441	0.1814	0.03	0.25							
3.74	1688.1568	0.1441	0.1796	0.03	1.37							
3.74	1852.8242	0.1441	0.2325	0.01	0.08							
3.74	1037.3111	0.1441	0.5303	0	0.78							
3.74	6066.6893	0.1441	0.0642	0.21	0.37							
3.74	10019.4107	0.1441	0.0368	0.37	0.04							
3.74	1476.0601	0.1441	0.2807	0	0.56							
3.74	3465.8214	0.1441	0.1042	0.1	0.15							
3.74	7204.8604	0.1441	0.0497	nan	0.17							
3.74	3232.1531	0.1441	0.19	0.02	0.24							
3.74	9553.8756	0.1441	0.0595	0.2	0							
3.74	13784.8008	0.1441	0.042	0.29	0.59							
3.74	2587.0259	0.1441	0.205	0.01	0.26							
3.74	1034.9199	0.1441	0.5374	0	0.58							
3.74	997.5407	0.1441	0.5693	0	0.83							
3.74	1668.3757	0.1441	0.2976	0	0.37							
3.74	1662.759	0.1441	0.3109	0	0.15							

3.74	9785.2299	0.1441	0.0594		0.2	0.46
3.74	914.7977	0.1441	0.6901		0	0.19
3.74	16370.0462	0.1441	0.0483		0.95	0.95
3.74	3728.0153	0.1441	0.1577		0.03	0.06
3.74	925.5873	0.1441	0.6613		0	0.72
3.74	9045.751	0.1441	0.0996		0.07	0.34
3.74	657.2543	0.0685	0.12		0.01	0.74
3.74	5685.0415	0.0662	0.1167		0	0.6
3.74	15541.2663	0.0662	0.0634		0.02	1.52
3.74	2130.6253	0.0662	0.3759		0	0.21
3.74	3389.4345	0.0662	0.2057		0	0.18
3.74	4018.2328	0.0662	0.2232		0	1.33
3.74	1553.4204	0.0662	0.6082		0	1.1
3.74	2344.3389	0.0641	0.1009		0.01	0.51
3.74	5491.0968	0.0641	0.017		0.41	0.08
3.74	3374.5534	0.0641	0.0697		0.04	0.94
3.74	1295.5122	0.0641	0.2157		0	0.63
3.74	609.6616	0.0641	0.3312		0	1.33
3.74	1982.1591	0.0602	0.0735		0.03	0.74
3.74	5976.6485	0.0602	0.027	nan		0.07
3.74	6601.7587	0.0602	0.0462		0.07	1.19
3.74	8188.8802	0.0602	0.0248		0.23	0.26
3.74	1254.0837	0.0602	0.4548		0	0.06
3.74	1918.9293	0.0602	0.2318		0	1.36
3.74	8188.8802	0.0602	0.0248		0.23	0.26
3.74	6601.7587	0.0602	0.0462		0.07	1.19
3.74	2239.8414	0.0602	0.1287		0	0.07
3.74	12453.3163	0.0602	0.0396		0.07	1.48
3.74	1238.3175	0.0602	0.4873		0	0.54
3.74	20096.5631	0.0602	0.0197		0.61	0.95
3.74	6594.8901	0.0602	0.0615		0.03	0.4
3.74	8619.473	0.0602	0.008	nan		0.06
3.74	9070.0176	0.0602	0.042		0.08	0.61
3.74	1451.7866	0.0602	0.1841		0	0.87
3.74	1159.1065	0.0602	0.5655		0	0.45
3.74	1595.8358	0.0568	0.1221		0	0.01
3.74	14969.027	0.0568	0.0203		0.22	0.79
3.74	1865.7098	0.0568	0.1337		0	0.45
3.74	2453.8175	0.0568	0.085		0.01	0.78
3.74	702.17	0.0568	0.3983		0	0.2
3.74	7986.628	0.0568	0.024	nan		0.26
3.74	6869.6424	0.0568	0.0101		0.54	0.66
3.74	35917.7919	0.0568	0.0166		0.2	0.85
3.74	5194.3646	0.0568	0.052		0.05	0.41
3.74	1587.631	0.0568	0.1777		0	0.13
3.74	1619.0063	0.0568	0.2068		0	0.32
3.74	11092.7972	0.0568	0.0043	nan		0.22
3.74	3659.0996	0.0568	0.0165	nan		0.14
3.74	21235.802	0.0568	0.0188		0.21	1.25
3.74	11827.9152	0.0568	0.0152		0.35	0.47
3.74	7544.4227	0.0568	0.0448		0.06	1.16
3.74	1125.3301	0.0568	0.2634		0	0.47
3.74	2348.0646	0.0568	0.1795		0	0.78

	3.74	2812.4335	0.0234	0.0962		0	0.87
	3.74	5520.4242	0.0234	0.0559		0	0.44
	3.74	2177.2437	0.0234	0.1261		0	1.47
	3.74	1270.4034	0.017	0.3865		0	0.27
	3.74	850.973	0.017	0.848		0	0.4
	3.74	1579.437	0.017	0.2777		0	0.9
	3.74	1934.8604	0.017	0.2502		0	1.26
	3.74	1130.7804	0.017	0.4648		0	0.46
	3.74	850.1081	0.017	0.7565		0	1.16
	3.74	2394.3624	0.017	0.1994		0	1.47
	3.74	18018.9531	0.017	0.0271		0	0.13
-2	3.74	883.2268	0.017	0.7387		0	1.42
	3.74	1837.1449	0.017	0.2456		0	0.08
	3.74	9652.724	0.017	0.0339		0	0.86
	3.74	3880.2904	0.017	0.0913		0	1.31
	3.74	1350.0605	0.017	0.3342		0	0.04
	3.74	2381.3997	0.017	0.0974		0	1.43
	3.74	1355.5191	0.017	0.1814		0	1.02
	3.74	1688.1568	0.017	0.1796		0	0.67
	3.74	1852.8242	0.017	0.2325		0	0.65
	3.74	1037.3111	0.017	0.5303		0	0.32
	3.74	6066.6893	0.017	0.0642		0	0.04
	3.74	10019.4107	0.017	0.0368		0	0.31
	3.74	1476.0601	0.017	0.2807		0	1.55
	3.74	3465.8214	0.017	0.1042		0	1.29
	3.74	8914.7751	0.017	0.0408		0	1.45
	3.74	10236.9848	0.017	0.0597		0	0.91
	3.74	3232.1531	0.017	0.19		0	1.1
	3.74	9553.8756	0.017	0.0595		0	0.02
	3.74	13784.8008	0.017	0.042		0	1.32
	3.74	2587.0259	0.017	0.205		0	0.92
	3.74	997.5407	0.017	0.5693		0	0.78
	3.74	1668.3757	0.017	0.2976		0	0.04
	3.74	1662.759	0.017	0.3109		0	1.27
	3.74	12034.4517	0.017	0.0491	nan		0.39
	3.74	16370.0462	0.017	0.0483		0.95	0.25
	3.74	3728.0153	0.017	0.1577		0	0.5
	3.74	925.5873	0.017	0.6613		0	0.19
	3.74	9045.7154	0.017	0.0996		0	0.26
	3.74	564.0116	0.017	0.993		0	0.59
	3.74	624.7147	0.017	0.9679		0	0.76
	3.74	2682.8219	0.017	0.2686		0	1.37
	3.74	4581.3828	0.017	0.1638		0	1.13
	3.74	1442.7573	0.017	0.4522		0	0.27
	3.74	1298.4266	0.017	0.5245		0	0.16
	3.74	738.706	0.017	0.7959		0	0.07
	3.74	953.3417	0.017	0.6666		0	0.58
	3.74	594.2741	0.017	0.8821		0	0.52
	3.74	1066.2018	0.017	0.6177		0	1.41
	3.74	656.2391	0.017	0.8601		0	0.68
	3.74	1546.857	0.017	0.3706		0	0.63
	3.74	4537.3085	0.017	0.1677		0	1.2
	3.74	1221.8447	0.017	0.5323		0	1.18

3.74	790.5835	0.017	0.802		0	0.3
3.74	1016.3437	0.017	0.6343		0	1.14
3.74	565.3768	0.017	0.9682		0	0.77
3.74	4201.4404	0.017	0.169		0	0.38
3.74	723.9614	0.017	0.803		0	0.61
3.74	1041.5562	0.017	0.6253		0	0.68
3.75	1227.001	0.1957	0.0188		0.98	0.01
3.75	1993.8006	0.1957	0.1208		0.07	0.78
3.75	12148.4834	0.1957	0.8407		0	0.42
3.75	907.4743	0.1957	0.041		0.35	0.2
3.75	1455.3364	0.1957	0.0547		0.32	0.14
3.75	1330.9733	0.1957	0.1302		0.12	0.27
3.75	1174.5945	0.1957	0.0781		0.24	0.43
3.75	1426.2277	0.1957	0.4706		0	0.88
3.75	484.9341	0.1957	0.1405		0.04	0.68
3.75	1194.8351	0.1957	0.0966		0.18	0.19
3.75	1283.8178	0.1957	0.8407		0	0.19
3.75	1908.8165	0.1957	0.136		0.11	0.02
3.75	1253.3801	0.1957	0.0312		0.97	0.55
3.75	2253.3772	0.1957	0.1471		0.09	0.27
3.75	1698.8258	0.1957	0.4211		0	0.13
3.75	1659.028	0.1957	0.1309		0.08	0.52
3.75	1431.0827	0.1957	0.1013		0.17	0.05
3.75	2331.5819	0.1957	0.0409		0.41	0.7
3.75	907.4743	0.1957	0.041		0.35	0.2
3.75	13162.9277	0.1957	0.8437		0	0.47
3.75	2484.6855	0.1957	0.8105		0	1.24
3.75	1414.4277	0.1957	0.0338		0.45	0.06
3.75	4317.52	0.1957	0.077		0.15	0.12
3.75	2207.1079	0.1957	0.3345		0.01	0.25
3.75	8765.9747	0.1957	0.1411		0.04	0.44
3.75	1389.5488	0.1957	0.6685		0	0
3.75	11022.9916	0.1957	0.6957		0	1.05
3.75	3305.4212	0.1957	0.0454		0.37	0.3
3.74	538.7205	0.1441	0.305		0	1.48
3.74	692.1641	0.1441	0.58		0	0.04
3.74	3619.3029	0.1441	0.0367	nan		0.18
3.74	1112.8182	0.1441	0.338		0	0.08
3.74	2100.3636	0.1441	0.0742		0.17	0.07
3.74	812.0295	0.1441	0.8349		0	0.88
3.74	10329.5972	0.1441	0.0115		0.63	0.09
3.74	1045.2196	0.1441	0.0633		0.2	0.4
3.74	2508.4395	0.1441	0.1142		0.08	0.02
3.74	957.08	0.1441	0.0923		0.13	0.14
3.74	2994.4995	0.1441	0.1372		0.05	0.31
3.74	971.7772	0.1441	0.0582		0.24	0.54
3.74	1037.2416	0.1441	0.1273		0.06	0.53
3.74	1040.3327	0.1441	0.4667		0	0.59
3.74	1141.7668	0.1441	0.1636		0.04	0.13
3.74	3834.8608	0.1441	0.0369	nan		0.82
3.74	1344.5416	0.1441	0.0156		0.55	0.12
3.74	1242.934	0.1441	0.053		0.26	0.01
3.74	1416.7495	0.1441	0.6445		0	0.1

3.74	1757.5648	0.1441	0.0457		0.26	0.14
3.74	2286.6897	0.1441	0.0772		0.14	0.43
3.74	1076.138	0.1441	0.0342		0.41	0.26
3.74	13408.7649	0.1441	0.0372		0.32	0.2
3.74	8876.6745	0.1441	0.0376		0.31	0.17
3.74	1004.5917	0.1441	0.7987		0	0.96
3.74	1638.4141	0.1441	0.1821		0.02	0.05
3.74	2025.7277	0.1441	0.1904		0.01	1.22
3.74	185.7434	0.1441	0.9613		0	1.31
3.74	799.1099	0.1441	0.0683		0.17	0.47
3.74	2434.0286	0.1441	0.5073		0	0.1
3.74	1895.0569	0.0685	0.0568		0.05	0.41
3.74	739.5342	0.0685	0.5502		0	0.69
3.74	1496.6074	0.0685	0.8543		0	0.74
3.74	1502.0318	0.0685	0.1453		0	1.39
3.74	1840.0873	0.0662	0.0293		0.08	0.07
3.74	1408.228	0.0662	0.2159		0	0.13
3.74	2037.5972	0.0662	0.7636		0	0.62
3.74	1883.6327	0.0662	0.2717		0	0.11
3.74	1409.0809	0.0662	0.6089		0	0.72
3.74	1292.9558	0.0662	0.4299		0	0.91
3.74	1235.1139	0.0662	0.0767		0.01	0.1
3.74	1904.3696	0.0662	0.0528		0.04	0.87
3.74	1364.6567	0.0662	0.3793		0	0.75
3.74	3063.3664	0.0662	0.2289		0	0
3.74	1517.1404	0.0662	0.076		0.01	0.13
3.74	1294.7397	0.0662	0.0752		0.01	0.15
3.74	4046.1173	0.0662	0.0241		0.12	0.17
3.74	1286.6937	0.0662	0.8369		0	0.26
3.74	2017.0007	0.0662	0.1185		0	0.12
3.74	852.4273	0.0641	0.8844		0	1
3.74	2833.7755	0.0641	0.0795		0.02	0.07
3.74	397.162	0.0641	0.1884		0	1.31
3.74	7080.1408	0.0602	0.069		0.02	0.01
3.74	2786.6575	0.0602	0.0261		0.17	0.44
3.74	1726.891	0.0602	0.197		0	0.35
3.74	7072.6504	0.0602	0.0246		0.17	0.43
3.74	1581.0936	0.0602	0.0559		0.04	0.03
3.74	13429.1525	0.0602	0.0307	nan		0.37
3.74	2452.8545	0.0602	0.0516		0.08	0.32
3.74	14968.5393	0.0602	0.0173		0.33	0.06
3.74	7934.6055	0.0602	0.0183		0.29	0.12
3.74	14968.5393	0.0602	0.0173		0.33	0.06
3.74	1493.3083	0.0602	0.0141		0.41	0.01
3.74	1326.3663	0.0602	0.2419		0	0.28
3.74	3777.5431	0.0585	0.0043		1	0.36
3.74	8641.597	0.0568	0.7594		0	0.42
3.74	6666.8057	0.0568	0.1065		0	0
3.74	19363.3591	0.0568	0.0334	nan		1.29
3.74	708.2147	0.0568	0.0874		0.01	0.83
3.74	886.4124	0.0568	0.0152	nan		0.13
3.74	14556.7392	0.0568	0.0235		0.25	0.46
3.74	1895.7372	0.0568	0.0153	nan		0.01

3.74	492.9381	0.0568	0.0332		0.09	1.1
3.74	1984.702	0.0568	0.067		0.01	1.4
3.74	2797.4636	0.0568	0.0196		0.23	0.48
3.74	3819.4969	0.0568	0.0155		0.46	0.53
3.74	1267.5247	0.0568	0.0534		0.05	0.03
3.74	667.8356	0.0568	0.0396	nan		0.46
3.74	3580.1599	0.0568	0.0324		0.12	0.05
3.74	1433.0632	0.0568	0.2148		0	0.4
3.74	1459.3901	0.0568	0.0296	nan		0.07
3.74	1739.0977	0.0568	0.0087	nan		0.11
3.74	853.3703	0.0568	0.0153		0.98	0.99
3.74	1555.4993	0.0568	0.0099		0.48	0.21
3.74	2815.8008	0.0568	0.0125		0.4	0.05
3.74	3164.1983	0.0568	0.0529		0.03	0.47
3.74	1375.3527	0.0568	0.081		0.02	0.72
3.74	635.334	0.0568	0.011		0.37	0.14
3.74	1606.7566	0.0568	0.0137		0.33	0.44
3.74	1118.8845	0.0568	0.0136		0.29	0.29
3.74	4513.4118	0.0568	0.0269	nan		0.52
3.74	630.7951	0.0568	0.2531		0	1.33
3.74	868.4098	0.0568	0.0354		0.12	0.05
3.74	6487.8817	0.0568	0.1292		0	0.96
3.74	5944.7273	0.0568	0.1378		0	1.3
3.74	879.0563	0.0568	0.0199		0.41	0.34
3.74	444.5139	0.0568	0.5471		0	0.17
3.74	2895.8139	0.0568	0.0373	nan		0.85
3.74	1165.3499	0.0568	0.0485	nan		1.09
3.74	5252.2861	0.0568	0.0125		0.36	0.25
3.74	5781.0107	0.0568	0.9848		0	0.08
3.74	608.4856	0.0568	0.0336		0.09	1.25
3.74	1890.7799	0.0568	0.0221		0.22	0.05
3.74	2395.8423	0.0568	0.1164		0	0.26
3.74	986.7784	0.0568	0.0899		0	1.04
3.74	3294.7727	0.0568	0.0205		0.54	0.03
3.74	18912.8763	0.0568	0.0335	nan		1.45
3.74	1637.9494	0.0568	0.2784		0	0.32
3.74	8525.2956	0.0568	0.1343		0	1.27
3.74	5964.1391	0.0568	0.0232	nan		0.11
3.74	1754.7284	0.0568	0.0339		0.12	0.12
3.74	1728.2123	0.0568	0.1349		0	0.03
3.74	865.8305	0.0234	0.1112		0	1.02
3.74	981.0098	0.0234	0.1331		0	0.88
3.74	1547.4561	0.0234	0.0453		0	0.34
3.74	538.7205	0.017	0.305		0	1.5
3.74	692.1641	0.017	0.58		0	0.3
3.74	1112.8182	0.017	0.338		0	0.65
3.74	2100.3636	0.017	0.0742		0	0.58
3.74	10329.5972	0.017	0.0115		0.02	0.76
3.74	1045.2196	0.017	0.0633		0	0.28
3.74	2508.4395	0.017	0.1142		0	0.15
3.74	935.8038	0.017	0.0923		0	1.17
3.74	2994.4995	0.017	0.1372		0	0.52
3.74	971.7772	0.017	0.0582		0	1.41

3.74	1037.2416	0.017	0.1273		0	1.36
3.74	1040.3327	0.017	0.4667		0	1.25
3.74	1141.7668	0.017	0.1636		0	1.11
3.74	3834.8608	0.017	0.0369	nan		0.67
3.74	1344.5416	0.017	0.0156		0.01	1.05
3.74	1242.934	0.017	0.053		0	0.09
3.74	1416.7495	0.017	0.6445		0	0.86
3.74	1757.5648	0.017	0.0457		0	1.17
3.74	1076.138	0.017	0.0342		0	0.91
3.74	13408.7649	0.017	0.0372		0	1.48
3.74	4066.2681	0.017	0.0367	nan		1.53
3.74	4591.7129	0.017	0.0252		0	1.41
3.74	1004.5917	0.017	0.7987		0	1.3
3.74	1638.4141	0.017	0.1821		0	0.4
3.74	1146.947	0.017	0.6605		0	0.61
3.74	2025.9093	0.017	0.1948		0	1.26
3.74	191.9461	0.017	0.9076		0	0.82
3.74	1359.3266	0.017	0.0718		0	0.4
3.74	2355.8371	0.017	0.5512		0	0.75
3.74	833.7724	0.017	0.2286		0	0.1
3.74	648.6017	0.017	0.2397		0	0.08
3.74	1292.6491	0.017	0.107		0	0.25
3.74	1042.6531	0.017	0.3847		0	0.42
3.74	1564.8226	0.017	0.03	nan		0.65
3.74	596.8285	0.017	0.8971		0	0.8
3.74	870.5586	0.017	0.1266		0	0.76
3.74	537.5622	0.017	0.346		0	0.54
3.74	876.6127	0.017	0.6724		0	0.75
3.74	1099.7074	0.017	0.5648		0	1.1
3.74	787.044	0.017	0.2732		0	0.06
3.74	1921.9616	0.017	0.0439	nan		1.54
3.74	866.5533	0.017	0.1119		0	0.77
3.74	982.6575	0.017	0.2075		0	0.76
3.74	2070.6986	0.017	0.2033		0	0.42
3.74	1920.8678	0.017	0.15		0	1.13
3.74	988.1254	0.017	0.4014		0	0.64
3.74	815.6171	0.017	0.3583		0	1.06
3.74	735.2901	0.017	0.8756		0	1.57
3.74	5146.8608	0.017	0.4341		0	0.13
3.74	2060.6492	0.017	0.5047		0	0.22
3.74	865.1154	0.017	0.3981		0	0.99
3.74	590.5637	0.017	0.3049		0	1.11
3.74	700.8175	0.017	0.2655		0	0.65
3.74	708.7969	0.017	0.3399		0	0.9
3.74	570.6517	0.017	0.7752		0	0.96
3.74	803.7275	0.017	0.9412		0	1.11
3.74	552.7635	0.017	0.7849		0	0.62
3.74	607.298	0.017	0.1094		0	1.01
3.74	566.2307	0.017	0.9414		0	0.98
3.74	970.71	0.017	0.1645		0	1.47
3.74	1387.3143	0.017	0.5204		0	1.01
3.74	1244.6065	0.017	0.042		0	1.05
3.74	928.165	0.017	0.1823		0	1.2

3.74	607.2473	0.017	0.9698		0	1.14
3.74	6253.7373	0.017	0.2296		0	1.2
3.74	1576.9641	0.017	0.6007		0	0.78
3.74	579.2396	0.017	0.0461	nan		0.64
3.74	1053.7409	0.017	0.7122		0	1.26
3.74	4663.388	0.017	0.0344		0.17	0.03
3.74	585.7074	0.017	0.1909		0	0.14
3.74	846.6027	0.017	0.0918		0	1.34
3.74	489.771	0.017	0.9733		0	1.23
3.74	648.2487	0.017	0.2081		0	0.81
3.74	4268.1641	0.017	0.077		0	1.48
3.74	1031.7225	0.017	0.8914		0	1.15
3.74	992.1483	0.017	0.4822		0	0.83
3.74	803.1988	0.017	0.8238		0	0.94
3.75	22958.7376	0.2169	0.9859		0	1.31
3.75	55271.9624	0.2169	0.4825		0	0.7
3.75	47351.5335	0.1957	0.2836		0.01	0.61
3.75	26368.0419	0.1957	0.8157		0	0.26
3.75	21871.5846	0.1957	0.5013		0	0.24
3.75	70511.3581	0.1957	0.073		0.27	0.27
3.75	32898.5635	0.1957	0.6969		0	0.16
3.75	23016.0564	0.1957	0.8725		0	0.71
3.75	123334.6779	0.1957	0.0116		0.73	0.14
3.75	54656.4552	0.1957	0.3161		0.01	0.01
3.75	50079.4256	0.1957	0.9151		0	0.13
3.75	37334.0893	0.1957	0.9797		0	1.4
3.75	38807.7167	0.1957	0.6987		0	0.13
3.75	86492.901	0.1957	0.1259		0.13	0
3.75	46245.2628	0.1957	0.1559		0.08	0.32
3.75	45659.5734	0.1957	0.975		0	1.56
3.75	56000.612	0.1957	0.8092		0	0.07
3.75	61598.7208	0.1957	0.6073		0	0.26
3.75	71567.5883	0.1957	0.5495		0	0.01
3.75	48247.311	0.1957	0.2666		0.02	0.59
3.75	37737.3456	0.1957	0.6956		0	0.4
3.75	44340.9877	0.1957	0.3468		0.01	0.18
3.75	66258.5543	0.1957	0.3017		0.01	0.03
3.75	29477.2655	0.1957	0.6334		0	0.35
3.75	37023.3563	0.1957	0.9281		0	0.01
3.75	41739.9829	0.1957	0.5812		0	0.54
3.75	34446.9894	0.1957	0.2303		0.03	0.28
3.75	67730.9378	0.1957	0.8664		0	0.54
3.75	35026.4089	0.1957	0.8445		0	0.36
3.75	14779.8245	0.1957	0.9899		0	0.34
3.75	49427.5294	0.1957	0.2037		0.04	0.28
3.75	53733.2801	0.1957	0.1322		0.12	0.32
3.75	66888.7471	0.1957	0.5471		0	0.37
3.75	25571.9861	0.1957	0.566		0	0.28
3.75	72582.3369	0.1957	0.1125		0.15	0.14
3.75	45765.9813	0.1957	0.2761		0.02	0.18
3.75	103227.1692	0.1957	0.0465	nan		0.05
3.75	51507.9835	0.1957	0.6228		0	0.42
3.75	38266.4662	0.1957	0.9585		0	0.1

0.33	3958.6093	0	0		0	0.33
3.75	97483.4782	0.1957	0.0393	nan		0.11
3.75	50854.9537	0.1957	0.9618		0	0.14
3.75	50973.835	0.1957	0.5861		0	0.1
3.75	67655.7835	0.1957	0.8558		0	0.08
3.75	36522.3629	0.1957	0.3393		0.01	0.45
3.75	110956.2937	0.1957	0.0339	nan		0.32
3.75	45765.9813	0.1957	0.2761		0.02	0.18
3.75	70148.1329	0.1957	0.6863		0	0.12
3.75	44300.9418	0.1957	0.9035		0	0.53
3.75	48940.4464	0.1957	0.3571		0.01	0.06
3.75	19525.4177	0.1957	0.8277		0	0.57
3.75	27162.5291	0.1957	0.7716		0	0.21
3.75	39961.5933	0.1957	0.7818		0	0
0.33	23071.9454	0	0		0	0.33
0.33	16956.359	0	0		0	0.33
0.33	38022.8162	0	0		0	0.33
3.75	40682.7004	0.1783	0.2321		0.03	1.08
0.33	20424.5712	0	0		0	0.33
0.33	29042.3606	0	0		0	0.33
0.33	12742.4176	0	0		0	0.33
0.33	36184.5618	0	0		0	0.33
0.33	30322.3254	0	0		0	0.33
0.33	9966.1803	0	0		0	0.33
0.33	3634.6487	0	0		0	0.33
0.33	35958.8867	0	0		0	0.33
0.33	19975.7399	0	0		0	0.33
0.33	9753.3124	0	0		0	0.33
0.33	16492.7524	0	0		0	0.33
3.75	55491.6322	0.1783	0.2557		0.02	1.55
0.33	12328.7844	0	0		0	0.33
0.33	11297.1718	0	0		0	0.33
0.33	19971.2087	0	0		0	0.33
0.33	28296.1637	0	0		0	0.33
0.33	18080.8251	0	0		0	0.33
0.33	46798.5267	0	0		0	0.33
0.33	17763.1123	0	0		0	0.33
0.33	3377.255	0	0		0	0.33
3.75	19483.7054	0.1783	0.3763		0	1.45
0.33	21119.395	0	0		0	0.33
0.33	21758.4985	0	0		0	0.33
0.33	43829.5933	0	0		0	0.33
0.33	22475.0639	0	0		0	0.33
0.33	36663.0213	0	0		0	0.33
0.33	1970.5924	0	0		0	0.33
0.33	7672.5993	0	0		0	0.33
0.33	17170.2774	0	0		0	0.33
0.33	14610.6293	0	0		0	0.33
0.33	14041.7165	0	0		0	0.33
0.33	11268.6888	0	0		0	0.33
0.33	5017.558	0	0		0	0.33
0.33	20089.5948	0	0		0	0.33
0.33	22179.2135	0	0		0	0.33

3.75	18034.2337	0.1783	0.263	0.02	0.4
0.33	2442.692	0	0	0	0.33
0.33	26507.2747	0	0	0	0.33
0.33	24302.5113	0	0	0	0.33
0.33	22745.8076	0	0	0	0.33
0.33	16300.3641	0	0	0	0.33
0.33	41994.2085	0	0	0	0.33
0.33	17075.8275	0	0	0	0.33
0.33	17854.454	0	0	0	0.33
0.33	29661.1854	0	0	0	0.33
0.33	44380.5699	0	0	0	0.33
0.33	17508.7976	0	0	0	0.33
0.33	35651.5738	0	0	0	0.33
0.33	15632.1112	0	0	0	0.33
0.33	18344.3928	0	0	0	0.33
0.33	10743.9669	0	0	0	0.33
0.33	4541.3414	0	0	0	0.33
0.33	11290.7549	0	0	0	0.33
0.33	16005.2184	0	0	0	0.33
0.33	37598.7272	0	0	0	0.33
0.33	3319.7056	0	0	0	0.33
0.33	5991.3059	0	0	0	0.33
0.33	1605.1761	0	0	0	0.33
0.33	19975.7399	0	0	0	0.33
3.75	30255.0757	0.1783	0.0508	0.44	0.38
0.33	16680.9408	0	0	0	0.33
0.33	10945.4841	0	0	0	0.33
0.33	18425.2002	0	0	0	0.33
0.33	35115.5833	0	0	0	0.33
3.75	29319.4298	0.1783	0.1157	0.17	0.85
0.33	29560.2	0	0	0	0.33
0.33	47485.9896	0	0	0	0.33
0.33	34731.8562	0	0	0	0.33
0.33	22301.8844	0	0	0	0.33
0.33	49809.7764	0	0	0	0.33
0.33	25161.2357	0	0	0	0.33
0.33	18993.7032	0	0	0	0.33
0.33	35311.4199	0	0	0	0.33
0.33	10416.4497	0	0	0	0.33
0.33	8002.254	0	0	0	0.33
3.75	49585.3486	0.1783	0.2213	0.03	0.85
0.33	25946.5999	0	0	0	0.33
3.75	39156.2738	0.1783	0.0908	0.24	0.21
0.33	3307.7135	0	0	0	0.33
0.33	29059.7022	0	0	0	0.33
0.33	11572.307	0	0	0	0.33
0.33	19211.3935	0	0	0	0.33
0.33	5992.1806	0	0	0	0.33
0.33	24302.5113	0	0	0	0.33
0.33	21758.4985	0	0	0	0.33
0.33	12579.2206	0	0	0	0.33
0.33	2691.8196	0	0	0	0.33
0.33	3211.3925	0	0	0	0.33

0.33	17550.8759	0	0	0	0.33
0.33	14449.411	0	0	0	0.33
0.33	8618.2995	0	0	0	0.33
0.33	7363.5876	0	0	0	0.33
0.33	45692.4402	0	0	0	0.33
0.33	21758.4985	0	0	0	0.33
0.33	35965.8419	0	0	0	0.33
0.33	15512.781	0	0	0	0.33
0.33	4491.6965	0	0	0	0.33
0.33	13425.9808	0	0	0	0.33
0.33	15591.5628	0	0	0	0.33
0.33	13105.6472	0	0	0	0.33
3.74	15810.8183	0.1441	0.6768	0	0.01
0.33	14988.7844	0	0	0	0.33
0.33	14246.0403	0	0	0	0.33
3.74	44961.4293	0.1441	0.5391	0	0.2
3.74	47271.157	0.1441	0.5677	0	0.03
3.74	45899.192	0.1441	0.1841	0.02	0.43
3.74	47109.2287	0.1441	0.8371	0	0.43
3.74	46585.2998	0.1441	0.8584	0	0.11
3.74	46294.1486	0.1441	0.1603	0.04	0.6
0.33	3898.8088	0	0	0	0.33
0.33	3049.3161	0	0	0	0.33
0.33	14603.7904	0	0	0	0.33
0.33	12763.7227	0	0	0	0.33
0.33	4012.0092	0	0	0	0.33
3.74	17273.3479	0.1441	0.5408	0	0.28
0.33	15767.176	0	0	0	0.33
0.33	14034.2822	0	0	0	0.33
0.33	12520.411	0	0	0	0.33
3.74	17720.0012	0.1441	0.6767	0	0.06
0.33	11319.0311	0	0	0	0.33
3.74	14461.4866	0.1441	0.5111	0	0.01
0.33	3300.0193	0	0	0	0.33
3.74	15827.0024	0.1441	0.4706	0	0.01
3.74	17891.1996	0.1441	0.806	0	0.78
3.74	16174.1568	0.1441	0.8312	0	0.56
0.33	14858.4831	0	0	0	0.33
0.33	13999.6892	0	0	0	0.33
3.74	11648.7639	0.1441	0.688	0	0.36
3.74	18329.2475	0.1441	0.6721	0	0.12
3.74	16741.7543	0.1441	0.5621	0	0.24
0.33	12222.6139	0	0	0	0.33
0.33	13830.1439	0	0	0	0.33
3.74	15453.2285	0.1441	0.9469	0	0.08
3.74	19149.108	0.1441	0.6153	0	0.04
0.33	17363.94	0	0	0	0.33
0.33	16025.4091	0	0	0	0.33
0.33	14602.7855	0	0	0	0.33
0.33	11099.6434	0	0	0	0.33
3.74	43379.9016	0.1441	0.0761	0.17	0.11
3.74	44899.6211	0.1441	0.6849	0	0.04
3.74	43950.9431	0.1441	0.4829	0	0.41

3.74	42716.9547	0.1441	0.5371		0	0.08
3.74	41476.2404	0.1441	0.7328		0	0.32
3.74	45972.8493	0.1441	0.5223		0	0.02
3.74	44986.0074	0.1441	0.403		0	0.47
3.74	43795.7049	0.1441	0.3388		0	0.84
3.74	42873.432	0.1441	0.8424		0	0.74
3.74	48220.8166	0.1441	0.2936		0	0.04
3.74	46862.1542	0.1441	0.1997		0.02	0.07
3.74	46090.3992	0.1441	0.3181		0	0.45
3.74	49543.059	0.1441	0.4258		0	0.05
3.74	47911.0178	0.1441	0.2914		0	0.14
3.74	47478.7464	0.1441	0.5553		0	0.22
3.74	45850.094	0.1441	0.2488		0.01	0.21
3.74	45369.4346	0.1441	0.156		0.04	0.04
3.74	50976.7998	0.1441	0.1071		0.09	0.04
3.74	49166.8523	0.1441	0.2132		0.01	0
3.74	48106.1427	0.1441	0.9153		0	1.04
3.74	46121.3111	0.1441	0.1238		0.07	0.17
3.74	47064.2794	0.1441	0.2281		0.01	0.21
3.74	15067.2933	0.1441	0.8299		0	0.59
3.74	20875.5173	0.1441	0.8485		0	1.12
3.74	25717.9707	0.1441	0.4802		0	0.58
3.74	30360.4806	0.1441	0.6126		0	0.56
3.74	44353.223	0.1441	0.7461		0	0.01
3.74	53640.0375	0.1441	0.1405		0.05	0.08
3.74	59350.7959	0.1441	0.3577		0	0.14
0.33	16513.8052	0	0		0	0.33
3.74	40512.6133	0.1441	0.331		0	1.28
3.74	21021.4442	0.1441	0.9101		0	0.17
3.74	45146.2849	0.1441	0.5179		0	1.1
3.74	78806.5489	0.1441	0.0278	nan		0.36
3.74	83369.0364	0.1441	0.5385		0	0.16
3.74	17051.6211	0.1441	0.819		0	0.5
3.74	23876.7966	0.1441	0.7291		0	1.2
3.74	30557.1332	0.1441	0.3939		0	0.4
3.74	35389.4879	0.1441	0.2528		0.01	0.55
3.74	41574.9264	0.1441	0.5473		0	0.11
3.74	51232.3886	0.1441	0.8342		0	0.92
3.74	65864.3437	0.1441	0.2201		0.01	0.13
3.74	69250.468	0.1441	0.2442		0.01	0.52
3.74	79942.6175	0.1441	0.2497		0.01	0
0.33	16290.7543	0	0		0	0.33
3.74	21484.6008	0.1441	0.9315		0	0.01
3.74	25833.4536	0.1441	0.7209		0	0.38
3.74	30738.2808	0.1441	0.7209		0	0.38
3.74	35281.1356	0.1441	0.601		0	0.13
3.74	40344.1841	0.1441	0.9152		0	0.34
3.74	45810.5281	0.1441	0.1091		0.09	0.18
3.74	49950.6762	0.1441	0.109		0.09	0.2
3.74	55279.7822	0.1441	0.1663		0.03	0.29
3.74	60431.4916	0.1441	0.2937		0	0
3.74	64868.7707	0.1441	0.189		0.02	0.13
3.74	16543.7698	0.1441	0.7496		0	0.13

0.33	20971.2626	0	0		0	0.33
3.74	25073.4508	0.1441	0.3465		0	0.43
3.74	30889.5267	0.1441	0.6803		0	0.07
3.74	35398.5996	0.1441	0.3423		0	0.07
3.74	46142.8762	0.1441	0.8225		0	0.22
3.74	49166.131	0.1441	0.1595		0.04	0.02
3.74	54004.7773	0.1441	0.5453		0	0.13
3.74	64540.0396	0.1441	0.1687		0.03	0.36
3.74	80145.3505	0.1441	0.1938		0.02	0.33
0.33	16434.3294	0	0		0	0.33
3.74	20819.556	0.1441	0.8178		0	0.5
3.74	24828.7972	0.1441	0.6093		0	0.13
3.74	30351.6715	0.1441	0.1503		0.04	0.34
3.74	40188.3988	0.1441	0.4353		0	0.2
3.74	49118.2138	0.1441	0.3957		0	0.51
3.74	54261.4618	0.1441	0.7946		0	1.26
3.74	59407.18	0.1441	0.8124		0	0.15
0.33	11005.2396	0	0		0	0.33
0.33	15426.4744	0	0		0	0.33
3.74	45392.8579	0.1441	0.5757		0	1.52
3.74	49930.5192	0.1441	0.4538		0	0.01
3.74	54530.8713	0.1441	0.3714		0	0.75
3.74	68875.6639	0.1441	0.0429	nan		0.28
3.74	15795.3382	0.1441	0.5535		0	0.98
0.33	20234.8443	0	0		0	0.33
3.74	25691.0693	0.1441	0.887		0	0.37
3.74	30880.781	0.1441	0.3788		0	0.8
3.74	35033.4166	0.1441	0.8332		0	0.03
3.74	40105.0295	0.1441	0.8906		0	1.05
3.74	43891.0398	0.1441	0.8718		0	0.14
3.74	50317.9051	0.1441	0.3591		0	0.39
3.74	54133.4077	0.1441	0.7634		0	1.16
3.74	69238.9303	0.1441	0.0444		0.27	0.04
3.74	79891.0965	0.1441	0.974		0	1.3
0.33	24896.6706	0	0		0	0.33
0.33	19457.0936	0	0		0	0.33
0.33	34902.8228	0	0		0	0.33
0.33	37649.3338	0	0		0	0.33
0.33	17690.1276	0	0		0	0.33
0.33	26237.3925	0	0		0	0.33
0.33	10850.5276	0	0		0	0.33
3.74	38537.7122	0.0685	0.1761		0	0.58
0.33	32287.7157	0	0		0	0.33
0.33	6850.2137	0	0		0	0.33
0.33	6658.9339	0	0		0	0.33
0.33	32925.9285	0	0		0	0.33
3.74	22852.4288	0.0685	0.2346		0	1.52
0.33	8179.8018	0	0		0	0.33
0.33	18993.8682	0	0		0	0.33
0.33	52447.2584	0	0		0	0.33
0.33	14897.3696	0	0		0	0.33
0.33	14333.7236	0	0		0	0.33
0.33	22236.9858	0	0		0	0.33

0.33	25334.8966	0	0	0	0.33
0.33	15360.745	0	0	0	0.33
0.33	43676.3518	0	0	0	0.33
0.33	14738.2114	0	0	0	0.33
0.33	5566.381	0	0	0	0.33
3.74	17900.9604	0.0685	0.1069	0.02	1.49
0.33	24004.3027	0	0	0	0.33
0.33	24795.6393	0	0	0	0.33
3.74	40787.8952	0.0685	0.4355	0	0.02
0.33	25354.7782	0	0	0	0.33
0.33	33631.5397	0	0	0	0.33
0.33	1786.9065	0	0	0	0.33
0.33	6550.0963	0	0	0	0.33
0.33	18664.3154	0	0	0	0.33
0.33	14652.5754	0	0	0	0.33
0.33	13418.2487	0	0	0	0.33
0.33	9374.1044	0	0	0	0.33
0.33	8049.5811	0	0	0	0.33
0.33	17284.9953	0	0	0	0.33
0.33	19060.5129	0	0	0	0.33
0.33	21065.0804	0	0	0	0.33
0.33	5167.2192	0	0	0	0.33
0.33	23688.8637	0	0	0	0.33
0.33	27108.0248	0	0	0	0.33
0.33	23065.4564	0	0	0	0.33
0.33	14102.5621	0	0	0	0.33
0.33	38963.7718	0	0	0	0.33
0.33	19358.2294	0	0	0	0.33
0.33	15291.8972	0	0	0	0.33
0.33	26861.5481	0	0	0	0.33
0.33	41508.2732	0	0	0	0.33
0.33	15229.0227	0	0	0	0.33
0.33	38524.2724	0	0	0	0.33
0.33	12836.8645	0	0	0	0.33
0.33	15844.8748	0	0	0	0.33
0.33	7859.2429	0	0	0	0.33
0.33	5181.9599	0	0	0	0.33
0.33	9709.5543	0	0	0	0.33
0.33	18969.7767	0	0	0	0.33
0.33	34479.8784	0	0	0	0.33
0.33	6356.5826	0	0	0	0.33
0.33	5249.6239	0	0	0	0.33
0.33	4463.0108	0	0	0	0.33
3.74	22852.4288	0.0685	0.2346	0	1.52
0.33	33207.1036	0	0	0	0.33
0.33	13874.0916	0	0	0	0.33
0.33	10800.3572	0	0	0	0.33
0.33	15849.3266	0	0	0	0.33
3.74	32085.2696	0.0685	0.174	0	0.49
3.74	26282.5641	0.0685	0.0635	0.09	1.29
3.74	32132.3782	0.0685	0.3723	0	0.49
0.33	44446.6836	0	0	0	0.33
0.33	31613.1707	0	0	0	0.33

3.74	23971.8061	0.0685	0.4184		0	1.51
0.33	46860.2349	0	0		0	0.33
0.33	27374.048	0	0		0	0.33
0.33	16116.5328	0	0		0	0.33
0.33	38186.6315	0	0		0	0.33
0.33	9078.5811	0	0		0	0.33
0.33	4976.2085	0	0		0	0.33
0.33	46549.9111	0	0		0	0.33
0.33	23441.3261	0	0		0	0.33
3.74	36118.5553	0.0685	0.1154		0.01	1.44
0.33	4626.6137	0	0		0	0.33
3.74	26175.9316	0.0685	0.1646		0	0.82
0.33	13993.7473	0	0		0	0.33
0.33	16482.0646	0	0		0	0.33
0.33	3849.1428	0	0		0	0.33
0.33	27108.0248	0	0		0	0.33
0.33	24795.6393	0	0		0	0.33
0.33	10526.2931	0	0		0	0.33
0.33	3040.2224	0	0		0	0.33
0.33	3664.9746	0	0		0	0.33
0.33	17958.3179	0	0		0	0.33
0.33	11991.0166	0	0		0	0.33
0.33	11341.4819	0	0		0	0.33
0.33	4714.1824	0	0		0	0.33
3.74	42740.5179	0.0685	0.4024		0	1.44
0.33	24795.6393	0	0		0	0.33
0.33	33098.3391	0	0		0	0.33
0.33	3331.2312	0	0		0	0.33
3.74	32135.1509	0.0641	0.032		0.19	0.6
3.74	11873.7073	0.0641	0.2334		0	0.5
3.74	3674.3543	0.0641	0.3495		0	1.47
3.74	10256.3227	0.0641	0.4577		0	0.27
0.33	4024.1664	0	0		0	0.33
3.74	7420.4589	0.0641	0.6004		0	1.32
3.74	20907.6797	0.0641	0.3588		0	0.06
0.33	9318.5694	0	0		0	0.33
3.74	8873.8916	0.0641	0.2447		0	1.09
0.33	4001.8952	0	0		0	0.33
3.74	5662.966	0.0641	0.1873		0	1.34
3.74	19279.2207	0.0641	0.4549		0	1.03
3.74	38562.3878	0.0602	0.3308		0	0.46
3.74	50208.1933	0.0602	0.2185		0	1.53
3.74	53431.1593	0.0602	0.619		0	0.98
3.74	58666.3095	0.0602	0.1897		0	1.13
3.74	77039.8249	0.0602	0.1692		0	0.51
0.33	25967.0833	0	0		0	0.33
3.74	107393.5274	0.0602	0.007	nan		0.06
3.74	69689.333	0.0602	0.2813		0	0.17
3.74	32856.2918	0.0602	0.2325		0	0.59
3.74	59093.1799	0.0602	0.2424		0	0.87
3.74	94420.9386	0.0602	0.1099		0.01	0.8
3.74	32020.0176	0.0602	0.6618		0	0.53
3.74	83793.6097	0.0602	0.6409		0	0.74

3.74	99175.1148	0.0602	0.0593		0.03	0.26
3.74	106731.9723	0.0602	0.0157	nan		0.56
3.74	49625.8043	0.0602	0.2104		0	0.11
3.74	29304.6606	0.0602	0.6815		0	0.94
3.74	84305.6986	0.0602	0.0485	nan		0.07
3.74	50981.5352	0.0602	0.7054		0	1.07
3.74	55862.9434	0.0602	0.1617		0	1.51
3.74	85000.568	0.0602	0.0734		0.04	0.55
3.74	69459.8518	0.0602	0.0861		0.02	0.45
3.74	24984.0144	0.0602	0.6019		0	1.05
3.74	81479.046	0.0602	0.0591		0.05	0.49
3.74	40382.1616	0.0602	0.6022		0	1.21
3.74	58753.3523	0.0602	0.133		0	0.61
3.74	59131.7435	0.0602	0.1336		0	0.34
3.74	42455.6305	0.0602	0.7095		0	0.38
3.74	61948.8472	0.0602	0.4061		0	1.05
3.74	60142.1638	0.0602	0.0948		0.01	0.41
3.74	102073.7887	0.0602	0.5297		0	0.62
3.74	22534.2925	0.0602	0.4044		0	1.43
0.33	26595.4959	0	0		0	0.33
0.33	30764.7729	0	0		0	0.33
3.74	61948.8472	0.0602	0.4061		0	1.05
3.74	61744.2178	0.0602	0.0533		0.09	0.3
3.74	63637.7656	0.0602	0.4407		0	0.24
3.74	72747.7903	0.0602	0.202		0	0.01
3.74	71870.1842	0.0602	0.1421		0	0
3.74	61714.1837	0.0602	0.0906		0.02	0.11
3.74	60109.4691	0.0602	0.1105		0.01	1.56
3.74	84929.3815	0.0602	0.087		0.02	0.14
3.74	75710.0592	0.0602	0.0314		0.21	0.13
0.33	31547.5824	0	0		0	0.33
3.74	38951.0239	0.0602	0.5105		0	1.28
3.74	104295.1107	0.0602	0.04	nan		0.12
3.74	55656.011	0.0602	0.8124		0	0.23
3.74	36449.3562	0.0602	0.4657		0	0.19
3.74	32020.0176	0.0602	0.6618		0	0.53
3.74	87419.7099	0.0602	0.2116		0	0.8
3.74	25368.7865	0.0602	0.8851		0	1.02
3.74	44187.6035	0.0602	0.2777		0	0.13
3.74	28300.804	0.0602	0.7695		0	1.22
3.74	58136.9722	0.0602	0.1525		0	0.88
3.74	50637.0311	0.0602	0.2163		0	0.44
3.74	56597.015	0.0602	0.0689		0.04	0.13
3.74	53479.9501	0.0602	0.2056		0	0.99
0.33	27366.3357	0	0		0	0.33
3.74	59134.5179	0.0602	0.0497		0.07	1.14
3.74	30674.678	0.0602	0.1657		0	0.12
3.74	76986.25	0.0602	0.0301		0.52	0.11
3.74	87370.4499	0.0602	0.0341	nan		0.79
3.74	77983.082	0.0602	0.2544		0	0.01
0.33	11831.583	0	0		0	0.33
3.74	63170.1786	0.0602	0.1244		0	1.44
3.74	50637.0311	0.0602	0.2163		0	0.44

3.74	82326.636	0.0602	0.1015		0.01	0.14
0.33	18135.8181	0	0		0	0.33
3.74	107176.8995	0.0602	0.0209	nan		0.01
3.74	76986.25	0.0602	0.0301		0.52	0.11
3.74	94420.9386	0.0602	0.1099		0.01	0.8
3.74	33442.9495	0.0568	0.3053		0	1.43
3.74	35435.545	0.0568	0.0605		0.05	1.29
3.74	78624.9048	0.0568	0.0141	nan		0.18
0.33	5902.8389	0	0		0	0.33
3.74	21221.2655	0.0568	0.1195		0	0.64
3.74	56927.6497	0.0568	0.7882		0	0.69
3.74	17910.0832	0.0568	0.4395		0	1.08
3.74	45444.8778	0.0568	0.7145		0	0.34
3.74	24266.1483	0.0568	0.3597		0	1.21
3.74	8330.186	0.0568	0.6745		0	0.03
0.33	17914.5364	0	0		0	0.33
3.74	78624.9048	0.0568	0.0141	nan		0.18
3.74	14505.7572	0.0568	0.4113		0	1.36
3.74	43973.2416	0.0568	0.0111		0.53	0.22
3.74	70573.6182	0.0568	0.0383	nan		0.12
3.74	11926.2072	0.0568	0.2578		0	0.37
3.74	56927.6497	0.0568	0.7882		0	0.69
3.74	71910.6624	0.0568	0.0323	nan		0.08
0.33	18610.7645	0	0		0	0.33
0.33	5914.6544	0	0		0	0.33
3.74	63651.0032	0.0568	0.0241	nan		1.28
3.74	24063.2892	0.0568	0.1473		0	0.86
3.74	7284.0933	0.0568	0.3329		0	1.29
3.74	25361.2942	0.0568	0.0567		0.06	0.36
3.74	26528.7346	0.0568	0.1622		0	0.43
3.74	27334.8477	0.0568	0.102		0	0.97
3.74	41962.1517	0.0568	0.2097		0	1.28
3.74	45444.8778	0.0568	0.7145		0	0.34
3.74	56927.6497	0.0568	0.7882		0	0.69
3.74	56927.6497	0.0568	0.7882		0	0.69
0.33	5499.7056	0	0		0	0.33
3.74	56927.6497	0.0568	0.7882		0	0.69
3.74	28538.348	0.0568	0.066		0.04	0.68
3.74	54678.0853	0.0568	0.0383	nan		0.52
3.74	19403.268	0.0568	0.4913		0	0.84
3.74	23548.4944	0.0568	0.7438		0	0.64
3.74	56927.6497	0.0568	0.7882		0	0.69
3.74	76107.3706	0.0568	0.0166	nan		0.12
3.74	51542.2085	0.0568	0.0198	nan		0.51
3.74	9117.1034	0.0568	0.6007		0	0.77
3.74	48601.1881	0.0568	0.1162		0	0.56
0.33	37561.5948	0	0		0	0.33
3.74	43982.9258	0.0234	0.0899		0	1.54
3.74	42968.142	0.0234	0.2795		0	0.11
0.33	15512.781	0	0		0	0.33
0.33	14603.7904	0	0		0	0.33
0.33	13425.9808	0	0		0	0.33
0.33	15591.5628	0	0		0	0.33

0.33	13105.6472	0	0	0	0.33
3.74	15810.8183	0.017	0.6768	0	0.06
0.33	14988.7844	0	0	0	0.33
0.33	14246.0403	0	0	0	0.33
3.74	44961.4293	0.017	0.5391	0	1.44
3.74	47271.157	0.017	0.5677	0	0.29
3.74	45899.192	0.017	0.1841	0	0.54
3.74	47109.2287	0.017	0.8371	0	0.48
3.74	46585.2998	0.017	0.8584	0	0.92
3.74	46294.1486	0.017	0.1603	0	1.21
0.33	3898.8088	0	0	0	0.33
0.33	3049.3161	0	0	0	0.33
0.33	4491.6965	0	0	0	0.33
0.33	12763.7227	0	0	0	0.33
0.33	4012.0092	0	0	0	0.33
3.74	17273.3479	0.017	0.5408	0	0.8
0.33	15767.176	0	0	0	0.33
0.33	14034.2822	0	0	0	0.33
0.33	12520.411	0	0	0	0.33
0.33	11005.2396	0	0	0	0.33
3.74	17720.0012	0.017	0.6767	0	0.52
0.33	11319.0311	0	0	0	0.33
3.74	14461.4866	0.017	0.5111	0	0.07
0.33	3300.0193	0	0	0	0.33
3.74	15827.0024	0.017	0.4706	0	0.06
3.74	17891.1996	0.017	0.806	0	0.28
3.74	16174.1568	0.017	0.8312	0	1.54
0.33	14858.4831	0	0	0	0.33
0.33	13999.6892	0	0	0	0.33
3.74	11648.7639	0.017	0.688	0	0.11
3.74	18329.2475	0.017	0.6721	0	1.03
3.74	16741.7543	0.017	0.5621	0	1.07
0.33	12222.6139	0	0	0	0.33
0.33	13830.1439	0	0	0	0.33
3.74	15453.2285	0.017	0.9469	0	0.65
3.74	19149.108	0.017	0.6153	0	0.33
0.33	17363.94	0	0	0	0.33
0.33	16025.4091	0	0	0	0.33
0.33	14602.7855	0	0	0	0.33
0.33	11099.6434	0	0	0	0.33
3.74	43379.9016	0.017	0.0761	0	0.97
3.74	44899.6211	0.017	0.6849	0	0.33
3.74	43950.9431	0.017	0.4829	0	0.31
3.74	30738.2808	0.017	0.7209	0	0.05
3.74	41476.2404	0.017	0.7328	0	0.43
3.74	45972.8493	0.017	0.5223	0	0.14
3.74	44986.0074	0.017	0.403	0	0.83
3.74	43795.7049	0.017	0.3388	0	0.86
3.74	42873.432	0.017	0.8424	0	0
3.74	48220.8166	0.017	0.2936	0	0.36
3.74	46862.1542	0.017	0.1997	0	0.56
3.74	46090.3992	0.017	0.3181	0	0.65
3.74	49543.059	0.017	0.4258	0	0.45

3.74	47911.0178	0.017	0.2914		0	1.18
3.74	47478.7464	0.017	0.5553		0	1.29
3.74	45850.094	0.017	0.2488		0	1.37
3.74	45369.4346	0.017	0.156		0	0.31
3.74	50976.7998	0.017	0.1071		0	0.36
3.74	49166.8523	0.017	0.2132		0	0.01
3.74	48106.1427	0.017	0.9153		0	0.63
3.74	46121.3111	0.017	0.1238		0	1.41
3.74	47064.2794	0.017	0.2281		0	1.38
3.74	14991.4756	0.017	0.8291		0	0.87
3.74	20875.5173	0.017	0.8485		0	1.4
3.74	25717.9707	0.017	0.4802		0	1.38
3.74	30360.4806	0.017	0.6126		0	1.51
3.74	44353.223	0.017	0.7461		0	0.06
3.74	53640.0375	0.017	0.1405		0	0.65
3.74	59350.7959	0.017	0.3577		0	1.19
0.33	16513.8052	0	0		0	0.33
3.74	40512.6133	0.017	0.331		0	0.07
3.74	21021.4442	0.017	0.9101		0	1.46
3.74	45146.2849	0.017	0.5179		0	1.52
3.74	78806.5489	0.017	0.0278	nan		0.05
3.74	83369.0364	0.017	0.5385		0	1.35
3.74	17053.2366	0.017	0.7338		0	0.8
3.74	23876.7966	0.017	0.7291		0	0.74
3.74	30557.1332	0.017	0.3939		0	0.27
3.74	35389.4879	0.017	0.2528		0	1.48
3.74	41574.9264	0.017	0.5473		0	0.9
3.74	51232.3886	0.017	0.8342		0	1.5
3.74	65864.3437	0.017	0.2201		0	1.09
3.74	69250.468	0.017	0.2442		0	1.25
3.74	79942.6175	0.017	0.2497		0	0.01
0.33	16290.7543	0	0		0	0.33
3.74	21484.6008	0.017	0.9315		0	0.07
3.74	25833.4536	0.017	0.7209		0	0.05
3.74	42716.9547	0.017	0.5371		0	0.64
3.74	35281.1356	0.017	0.601		0	1.1
3.74	40344.1841	0.017	0.9152		0	0.26
3.74	45810.5281	0.017	0.1091		0	1.54
3.74	49950.6762	0.017	0.109		0	1.41
3.74	55279.7822	0.017	0.1663		0	0.69
3.74	60431.4916	0.017	0.2937		0	0.02
3.74	64868.7707	0.017	0.189		0	1.1
3.74	16543.7698	0.017	0.7496		0	1.1
0.33	20971.2626	0	0		0	0.33
3.74	25073.4508	0.017	0.3465		0	0.47
3.74	30889.5267	0.017	0.6803		0	0.59
3.74	35398.5996	0.017	0.3423		0	0.57
3.74	46142.8762	0.017	0.8225		0	1.25
3.74	49166.131	0.017	0.1595		0	0.13
3.74	54004.7773	0.017	0.5453		0	1.14
3.74	64540.0396	0.017	0.1687		0	0.13
3.74	80145.3505	0.017	0.1938		0	0.37
0.33	16434.3294	0	0		0	0.33

3.74	20819.556	0.017	0.8178		0	1.06
3.74	24828.7972	0.017	0.6093		0	1.07
3.74	30351.6715	0.017	0.1503		0	0.28
3.74	40188.3988	0.017	0.4353		0	1.44
3.74	49118.2138	0.017	0.3957		0	1.2
3.74	54261.4618	0.017	0.7946		0	1.23
3.74	59407.18	0.017	0.8124		0	1.23
0.33	15426.4744	0	0		0	0.33
3.74	21246.0277	0.017	0.5818		0	0.85
3.74	45392.8579	0.017	0.5757		0	0.34
3.74	49930.5192	0.017	0.4538		0	0.06
3.74	54530.8713	0.017	0.3714		0	0.1
3.74	68875.6639	0.017	0.0429	nan		0.75
3.74	15795.3382	0.017	0.5535		0	1.09
0.33	20234.8443	0	0		0	0.33
3.74	25691.0693	0.017	0.887		0	0.03
3.74	30880.781	0.017	0.3788		0	0.53
3.74	35033.4166	0.017	0.8332		0	0.26
3.74	40105.0295	0.017	0.8906		0	0.5
3.74	43891.0398	0.017	0.8718		0	1.15
3.74	50317.9051	0.017	0.3591		0	0.16
3.74	54133.4077	0.017	0.7634		0	0.39
3.74	69238.9303	0.017	0.0444		0	0.35
3.74	79890.7511	0.017	0.974		0	1.56
3.74	4341.9536	0.017	0.8994		0	1.54
3.74	8879.768	0.017	0.9897		0	0.99
3.74	12011.1844	0.017	0.6422		0	0.89
3.74	13238.0607	0.017	0.4165		0	0.67
3.74	10920.1865	0.017	0.4665		0	0.43
3.74	43830.1678	0.017	0.5768		0	0.47
3.74	8816.8196	0.017	0.8037		0	0.6
3.74	5414.6504	0.017	0.8688		0	0.16
3.74	9199.7181	0.017	0.8035		0	0.28
3.74	4341.9536	0.017	0.8994		0	1.54
3.74	4341.9536	0.017	0.8994		0	1.54
3.74	8366.1808	0.017	0.5989		0	0.63
3.74	13815.2043	0.017	0.9915		0	0.46
3.74	13744.849	0.017	0.8831		0	1.4
3.74	4341.9536	0.017	0.8994		0	1.54
3.74	29534.9292	0.017	0.9699		0	0.88
3.74	38586.4543	0.017	0.8849		0	0.11
3.74	4341.9536	0.017	0.8994		0	1.54
3.74	5237.1933	0.017	0.4262		0	0.39
3.74	13635.9324	0.017	0.9919		0	0.64
3.74	40790.913	0.017	0.9597		0	0.46
3.74	4895.4434	0.017	0.4046		0	0.76
3.74	7950.9015	0.017	0.5543		0	0.26
3.74	3603.3834	0.017	0.5249		0	1.44
3.74	13403.7396	0.017	0.8091		0	0.99
3.74	13217.4533	0.017	0.9375		0	0.27
3.74	3385.3364	0.017	0.9901		0	0.13
3.74	9463.5068	0.017	0.904		0	1.01
3.74	4341.9536	0.017	0.8994		0	1.54

3.74	6110.3115	0.017	0.7515	0	1.46
3.74	8488.52	0.017	0.5264	0	0.82
3.74	4719.0002	0.017	0.7054	0	0.14
3.74	14027.8423	0.017	0.9635	0	0.32
3.74	7742.4811	0.017	0.6252	0	0.19
3.74	4341.9536	0.017	0.8994	0	1.54
3.74	16600.6039	0.017	0.9769	0	0.78

|r|
	1.359372
	1.287321
	1.258551
	1.390255
	1.170215
	1.393705
	1.239675
	1.399879
	1.373227
	1.403477
	1.376545
	1.397727

File #	Stations		Digital CH	ERP full kw	ERP reduced kw	HAAT ft.	RC-HAGL ft.	LATITUDE_____ Deg	Min	Sec	LONGITUDE_____ Deg	Min	Sec
Digital													
1,4,21	Charlotte		53	500									
5,22	Charlotte,NC		6	10									
Analog			Analog CH										
2, 16,32	Spartanburg(Greenville), SC	WSPA-TV	7	316		2001	258	35	10	12	82	17	27
6,23	Salisbury, MD	WBOC-TV	16	4070		980	1003	38	30	16	75	38	35
7,24	Charlotte, NC	WBTV	3	100		1860	1987	35	21	51	81	11	13
8,25	New Bern, NC	WCTI	12	316		1999	1923	35	8	3	77	3	51
9, 26	Greensboro, NC	WFMY	2	100		1842	1914	32	52	13	79	50	25
10, 27	Miami, FL	WFOR	4	100		950	995	25	59	10	80	11	39
11, 28	Harrisburg, PA	WHP	21	1200		1220	496	40	20	44	76	52	9
12,29	Baltimore, MD	WJZ	13	316		990	925	39	20	5	76	39	3
13,30	Pittsburgh, PA	WPGH	53	2340		1010	709	40	29	43	80	0	17
14,15,31	Lynchburg, VA	WSET	13	302		2050	1240	37	18	54	79	38	6
17,33	Miami, FL	WSVN	7	316		950	1002	25	57	49	80	12	44
18,34	Durham, NC	WTVD	11	316		1990	2000	35	40	5	78	31	58
19,35	Washington, DC	WUSA	9	316		780	639	38	57	1	77	4	47
20,36	Johnston, PA	WWCP	8	166		1208	275	40	10	53	79	9	5

		_____NAD_27_____ Lat D	M	S	Long D	M	S
	WSPA		35	10	12	82	17	27
	WBOC		38	30	16	75	38	35
	WBTV		35	21	51	81	11	13
	WCTI		35	8	3	77	3	51
corrected	WFMY		35	52	13	79	50	25
	WFOR		25	59	10	80	11	39
	WHP		40	20	44	76	52	9
	WJZ		39	20	5	76	39	3
	WPGH		40	29	43	80	0	17
	WSET		37	18	54	79	38	6
	WSVN		25	57	49	80	12	44
	WTVD		35	40	5	78	31	58
	WUSA		38	57	1	77	4	47
	WWCP		40	10	53	79	9	5

For use in creating SPLAT .qth transmitter site files

Calls:	WNJT	WSPA	WBOC	WBTV	WCTI	WFMY	WFOR	WHP	WJZ	WPGH	WSET	WSVN	WTVD	WUSA	WWCP
Latitude:	40.2833	35.17011	38.50456	35.3643	35.13433	32.87045	25.98648	40.34564	39.33483	40.49535	37.31514	25.96398	35.66821	38.95039	40.18146
Longitude:	74.6889	82.29067	75.64271	81.18675	77.06384	79.84008	80.19394	76.86886	76.65052	80.0045	79.63476	80.21199	78.5325	77.07942	79.15114
RC-HAGL in ft.	990	258	1003	1987	1923	1914	995	496	925	709	1240	1002	2000	639	275

Year	Digital CH.	NAD_83) Lat D	M	S	Long. D	M	S	NAD 83 Lat	NAD 83 Long	DT53	D53R	DTV6	DT6R
1994	53	35	10	12.41262	82	17	26.41584	35.17011462	82.29067107	35.25194	35.25194	35.25194	35.25194
1994	21	38	30	16.41653	75	38	33.74153	38.50456015	75.64270598	80.68639	80.68639	80.68639	80.68639
	23	35	21	51.48936	81	11	12.28377	35.3643026	81.18674549	1337	1337	1337	1337
	48	35	8	3.57624	77	3	49.81413	35.13432673	77.06383726				
	51	35	52	13.62818	79	50	24.29909	35.87045227	79.84008308				
	22	25	59	11.32911	80	11	38.16967	25.98648031	80.19393602				
	4	40	20	44.31636	76	52	7.90312	40.34564343	76.86886198				
	38	39	20	5.384	76	39	1.88919	39.33482889	76.65052478				
	43	40	29	43.24827	80	0	16.19354	40.49534674	80.00449821				
	56	37	18	54.50444	79	38	5.12233	37.31514012	79.6347562				
	8	25	57	50.33225	80	12	43.17202	25.96398118	80.21199223				
		35	40	5.55571	78	31	57.01339	35.66820992	78.53250372				
	34	38	57	1.3988	77	4	45.92026	38.95038856	77.07942229				
	29	40	10	53.26716	79	9	4.10863	40.1814631	79.15114129				

FROM FCC RECORDS: Charlotte Test Channel 53 Field Measurements

	City	from	Channel	Calls	file	test	Site #	from	File #	Order	latitude NA	longitude N
A	Charlotte	Exh. A	53			4	1 C1-1	Exh. B	21	26	35.21972	-80.8536
A	Charlotte	Exh. A	53			4	2 C1-2	Exh. B	21	20	35.22083	-80.8436
A	Charlotte	Exh. A	53			4	3 C1-3	Exh. B	21	13	35.21861	-80.8303
A	Charlotte	Exh. A	53			4	4 C1-4	Exh. B	21	28	35.21139	-80.8522
A	Charlotte	Exh. A	53			4	5 C1-5	Exh. B	21	16	35.21389	-80.8244
A	Charlotte	Exh. A	53			4	6 C1-6	Exh. B	21	29	35.20528	-80.8519
A	Charlotte	Exh. A	53			4	7 C1-7	Exh. B	21	23	35.20556	-80.8431
A	Charlotte	Exh. A	53			4	8 C1-8	Exh. B	21	18	35.20583	-80.8339
A	Charlotte	Exh. A	53			4	9 C2-1	Exh. B	21	113	35.95278	-81.0378
A	Charlotte	Exh. A	53			4	10 C2-2	Exh. B	21	105	35.95194	-81.0253
A	Charlotte	Exh. A	53			4	11 C2-3	Exh. B	21	98	34.95278	-81.0211
A	Charlotte	Exh. A	53			4	12 C2-4	Exh. B	21	115	34.94111	-81.0431
A	Charlotte	Exh. A	53			4	13 C2-5	Exh. B	21	106	34.94111	-81.0206
A	Charlotte	Exh. A	53			4	14 C2-6	Exh. B	21	117	34.93917	-81.0386
A	Charlotte	Exh. A	53			4	15 C2-7	Exh. B	21	116	34.93583	-81.0253
A	Charlotte	Exh. A	53			4	16 C2-8	Exh. B	21	114	34.93639	-81.0214
A	Charlotte	Exh. A	53			4	17 C3-1	Exh. B	21	4	35.235	-80.7256
A	Charlotte	Exh. A	53			4	18 C3-2	Exh. B	21	1	35.23861	-80.7169
A	Charlotte	Exh. A	53			4	19 C3-3	Exh. B	21	5	35.22083	-80.72
A	Charlotte	Exh. A	53			4	20 C3-4	Exh. B	21	2	35.22556	-80.8247
A	Charlotte	Exh. A	53			4	21 C3-5	Exh. B	21	3	35.22611	-80.7192
A	Charlotte	Exh. A	53			4	22 G1A1	Exh. B	21	41	35.24361	-80.8781
A	Charlotte	Exh. A	53			4	23 G1A2	Exh. B	21	27	35.24139	-80.8606
A	Charlotte	Exh. A	53			4	24 G1A3	Exh. B	21	17	35.24	-80.8414
A	Charlotte	Exh. A	53			4	25 G1A4	Exh. B	21	10	35.24111	-80.8253
A	Charlotte	Exh. A	53			4	26 G1A5	Exh. B	21	6	35.24278	-80.8086
A	Charlotte	Exh. A	53			4	27 G1B1	Exh. B	21	43	35.22639	-80.88
A	Charlotte	Exh. A	53			4	28 G1B2	Exh. B	21	31	35.22806	-80.8089
A	Charlotte	Exh. A	53			4	29 G1B3	Exh. B	21	19	35.22972	-80.8447
A	Charlotte	Exh. A	53			4	30 G1B4	Exh. B	21	11	35.22556	-80.7044
A	Charlotte	Exh. A	53			4	31 G1B5	Exh. B	21	7	35.22806	-80.8594
A	Charlotte	Exh. A	53			4	32 G1C1	Exh. B	21	44	35.21333	-80.8792
A	Charlotte	Exh. A	53			4	33 G1C2	Exh. B	21	35	35.21278	-80.8597
A	Charlotte	Exh. A	53			4	34 G1C3	Exh. B	21	22	35.21028	-80.8433
A	Charlotte	Exh. A	53			4	35 G1C4	Exh. B	21	12	35.21389	-80.8344
A	Charlotte	Exh. A	53			4	36 G1C5	Exh. B	21	8	35.21194	-80.8064
A	Charlotte	Exh. A	53			4	37 G1D1	Exh. B	21	45	35.19972	-80.8794
A	Charlotte	Exh. A	53			4	38 G1D2	Exh. B	21	40	35.19111	-80.8561
A	Charlotte	Exh. A	53			4	39 G1D3	Exh. B	21	25	35.19861	-80.8061
A	Charlotte	Exh. A	53			4	40 G1D4	Exh. B	21	15	35.19889	-80.8253
A	Charlotte	Exh. A	53			4	41 G1D5	Exh. B	21	9	35.19861	-80.8447
A	Charlotte	Exh. A	53			4	42 G1E1	Exh. B	21	46	35.1825	-80.8811
A	Charlotte	Exh. A	53			4	43 G1E2	Exh. B	21	42	35.18389	-80.8603
A	Charlotte	Exh. A	53			4	44 G1E3	Exh. B	21	33	35.18528	-80.8444
A	Charlotte	Exh. A	53			4	45 G1E4	Exh. B	21	21	35.18361	-80.8253
A	Charlotte	Exh. A	53			4	46 G1E5	Exh. B	21	14	35.18444	-80.7778
A	Charlotte	Exh. A	53			4	47 G2A1	Exh. B	21	112	34.97611	-81.0253
A	Charlotte	Exh. A	53			4	48 G2A2	Exh. B	21	97	34.97611	-81.0494
A	Charlotte	Exh. A	53			4	49 G2A3	Exh. B	21	91	34.97528	-81.0336
A	Charlotte	Exh. A	53			4	50 G2A4	Exh. B	21	88	34.97472	-80.7092
A	Charlotte	Exh. A	53			4	51 G2A5	Exh. B	21	87	34.97722	-80.9975
A	Charlotte	Exh. A	53			4	52 G2B1	Exh. B	21	119	34.95667	-81.0669
A	Charlotte	Exh. A	53			4	53 G2B2	Exh. B	21	110	34.96139	-81.0483
A	Charlotte	Exh. A	53			4	54 G2B3	Exh. B	21	99	34.96194	-81.0339
A	Charlotte	Exh. A	53			4	55 G2B4	Exh. B	21	90	34.96306	-81.0153
A	Charlotte	Exh. A	53			4	56 G2B5	Exh. B	21	89	34.96111	-80.9989
A	Charlotte	Exh. A	53			4	57 G2C1	Exh. B	21	122	34.94694	-81.0656
A	Charlotte	Exh. A	53			4	58 G2C2	Exh. B	21	118	34.94111	-81.0361
A	Charlotte	Exh. A	53			4	59 G2C3	Exh. B	21	109	34.97611	-81.0669
A	Charlotte	Exh. A	53			4	60 G2C4	Exh. B	21	103	34.94111	-81.0153
A	Charlotte	Exh. A	53			4	61 G2C5	Exh. B	21	92	34.94639	-80.9958
A	Charlotte	Exh. A	53			4	62 G2D1	Exh. B	21	127	34.92583	-81.0594
A	Charlotte	Exh. A	53			4	63 G2D2	Exh. B	21	123	34.93278	-81.0422
A	Charlotte	Exh. A	53			4	64 G2D3	Exh. B	21	120	34.92611	-81.0258
A	Charlotte	Exh. A	53			4	65 G2D4	Exh. B	21	111	34.93333	-81.0081
A	Charlotte	Exh. A	53			4	66 G2D5	Exh. B	21	100	34.92639	-80.9892
A	Charlotte	Exh. A	53			4	67 G2E1	Exh. B	21	135	34.90833	-81.0597
A	Charlotte	Exh. A	53			4	68 G2E2	Exh. B	21	129	34.91694	-81.0414
A	Charlotte	Exh. A	53			4	69 G2E3	Exh. B	21	124	34.91833	-81.0253
A	Charlotte	Exh. A	53			4	70 G2E4	Exh. B	21	121	34.91889	-80.9914
A	Charlotte	Exh. A	53			4	71 G2E5	Exh. B	21	95	34.91889	-81.0086
A	Charlotte	Exh. A	53			4	72 R050-1	Exh. B	21	24	35.33889	-80.5586
A	Charlotte	Exh. A	53			4	73 R050-2	Exh. B	21	49	35.37389	-80.5097
A	Charlotte	Exh. A	53			4	74 R050-3	Exh. B	21	57	35.40306	-80.4708
A	Charlotte	Exh. A	53			4	75 R050-4	Exh. B	21	67	35.42139	-80.4222
A	Charlotte	Exh. A	53			4	76 R050-5	Exh. B	21	71	35.45333	-80.3903
A	Charlotte	Exh. A	53			4	77 R050-6	Exh. B	21	79	35.47639	-80.3525
A	Charlotte	Exh. A	53			4	78 R050-7	Exh. B	21	93	35.50556	-80.3069
A	Charlotte	Exh. A	53			4	79 R050-8	Exh. B	21	125	35.53528	-80.2706
A	Charlotte	Exh. A	53			4	80 R050-9	Exh. B	21	136	35.55972	-80.2294
A	Charlotte	Exh. A	53			4	81 R050S-10	Exh. B	21	147	35.59667	-80.1847
A	Charlotte	Exh. A	53			4	82 R050S-11	Exh. B	21	154	35.61972	-80.1389
A	Charlotte	Exh. A	53			4	83 R050S-12	Exh. B	21	160	35.64856	-80.1019
A	Charlotte	Exh. A	53			4	84 R050S-13	Exh. B	21	172	35.6775	-80.0589
A	Charlotte	Exh. A	53			4	85 R050S-14	Exh. B	21	176	35.70111	-79.0208
A	Charlotte	Exh. A	53			4	86 R050S-15	Exh. B	21	185	35.73222	-79.9789
A	Charlotte	Exh. A	53			4	87 R050S-16	Exh. B	21	198	35.75667	-79.9278
A	Charlotte	Exh. A	53			4	88 R085-1	Exh. B	21	37	35.25889	-80.5036
A	Charlotte	Exh. A	53			4	89 R085-2	Exh. B	21	53	35.27528	-80.2403
A	Charlotte	Exh. A	53			4	90 R085-3	Exh. B	21	59	35.27139	-80.4033
A	Charlotte	Exh. A	53			4	91 R085-4	Exh. B	21	65	35.27028	-80.3514
A	Charlotte	Exh. A	53			4	92 R085-5	Exh. B	21	72	35.28306	-80.2997
A	Charlotte	Exh. A	53			4	93 R085-6	Exh. B	21	81	35.27528	-80.4561
A	Charlotte	Exh. A	53			4	94 R085-7	Exh. B	21	96	35.28472	-80.1894
A	Charlotte	Exh. A	53			4	95 R085-8	Exh. B	21	130	35.28556	-80.1386
A	Charlotte	Exh. A	53			4	96 R085-9	Exh. B	21	142	35.29194	-80.0758
A	Charlotte	Exh. A	53			4	97 R085S-10	Exh. B	21	148	35.30222	-79.9228
A	Charlotte	Exh. A	53			4	98 R085S-11	Exh. B	21	158	35.30028	-79.9739
A	Charlotte	Exh. A	53			4	99 R085S-12	Exh. B	21	164	35.30222	-80.0261
A	Charlotte	Exh. A	53			4	100 R085S-13	Exh. B	21	168	35.30556	-79.8753
A	Charlotte	Exh. A	53			4	101 R085S-14	Exh. B	21	178	35.32444	-79.8219
A	Charlotte	Exh. A	53			4	102 R085S-15	Exh. B	21	184	35.30806	-79.7694
A	Charlotte	Exh. A	53			4	103 R085S-16	Exh. B	21	196	35.31972	-79.7169
A	Charlotte	Exh. A	53			4	104 R110-1	Exh. B	21	39	35.20083	-80.5086
A	Charlotte	Exh. A	53			4	105 R110-2	Exh. B	21	50	35.18361	-80.4361
A	Charlotte	Exh. A	53			4	106 R110-3	Exh. B	21	62	35.17083	-80.4172
A	Charlotte	Exh. A	53			4	107 R110-4	Exh. B	21	66	35.15417	-80.3706
A	Charlotte	Exh. A	53			4	108 R110-5	Exh. B	21	78	35.14194	-80.3194
A	Charlotte	Exh. A	53			4	109 R110-6	Exh. B	21	86	35.11722	-80.2586
A	Charlotte	Exh. A	53			4	110 R110-7	Exh. B	21	102	35.10472	-80.2203
A	Charlotte	Exh. A	53			4	111 R110-8	Exh. B	21	134	35.08806	-80.1589
A	Charlotte	Exh. A	53			4	112 R110-9	Exh. B	21	141	35.07528	-80.1206
A	Charlotte	Exh. A	53			4	113 R110S-10	Exh. B	21	144	35.05778	-80.0739
A	Charlotte	Exh. A	53			4	114 R110S-11	Exh. B	21	159	35.04194	-80.0078
A	Charlotte	Exh. A	53			4	115 R110S-12	Exh. B	21	162	35.03861	-79.97
A	Charlotte	Exh. A	53			4	116 R110S-13	Exh. B	21	174	35.02167	-79.9228
A	Charlotte	Exh. A	53			4	117 R110S-14	Exh. B	21	181	35.00472	-79.8597
A	Charlotte	Exh. A	53			4	118 R110S-15	Exh. B	21	190	34.98583	-79.8197
A	Charlotte	Exh. A	53			4	119 R110S-16	Exh. B	21	194	35.97278	-79.7722
A	Charlotte	Exh. A	53			4	120 R185-1	Exh. B	21	32	35.10472	-80.7022
A	Charlotte	Exh. A	53			4	121 R185-2	Exh. B	21	52	35.05806	-80.7022
A	Charlotte	Exh. A	53			4	122 R185-3	Exh. B	21	61	35.01861	-80.7056
A	Charlotte	Exh. A	53			4	123 R185-4	Exh. B	21	63	34.97472	-81.0139
A	Charlotte	Exh. A	53			4	124 R185-5	Exh. B	21	77	34.93361	-80.7097
A	Charlotte	Exh. A	53			4	125 R185-6	Exh. B	21	80	34.88889	-80.7222
A	Charlotte	Exh. A	53			4	126 R185-7	Exh. B	21	104	34.83972	-80.7247
A	Charlotte	Exh. A	53			4	127 R185-8	Exh. B	21	131	34.80306	-80.7347
A	Charlotte	Exh. A	53			4	128 R185-9	Exh. B	21	143	34.75417	-80.7222

A	Charlotte	Exh. A	53	4	129	R185S-10	Exh. B	21	151	34.70861	-80.7367
A	Charlotte	Exh. A	53	4	130	R185S-11	Exh. B	21	157	34.66889	-80.7417
A	Charlotte	Exh. A	53	4	131	R185S-12	Exh. B	21	166	34.62278	-80.7425
A	Charlotte	Exh. A	53	4	132	R185S-13	Exh. B	21	169	34.59028	-80.7514
A	Charlotte	Exh. A	53	4	133	R185S-14	Exh. B	21	180	34.54111	-80.7569
A	Charlotte	Exh. A	53	4	134	R185S-15	Exh. B	21	186	34.50361	-80.7711
A	Charlotte	Exh. A	53	4	135	R185S-16	Exh. B	21	193	34.46472	-80.7675
A	Charlotte	Exh. A	53	4	136	R215-1	Exh. B	21	34	35.12611	-80.7858
A	Charlotte	Exh. A	53	4	137	R215-2	Exh. B	21	51	35.08972	-80.8078
A	Charlotte	Exh. A	53	4	138	R215-3	Exh. B	21	56	35.05611	-80.8261
A	Charlotte	Exh. A	53	4	139	R215-4	Exh. B	21	68	35.02444	-80.8847
A	Charlotte	Exh. A	53	4	140	R215-5	Exh. B	21	76	34.98833	-80.9072
A	Charlotte	Exh. A	53	4	141	R215-6	Exh. B	21	85	34.95306	-80.94
A	Charlotte	Exh. A	53	4	142	R215-7	Exh. B	21	107	34.90722	-80.9711
A	Charlotte	Exh. A	53	4	143	R215-8	Exh. B	21	128	34.88444	-80.9897
A	Charlotte	Exh. A	53	4	144	R215-9	Exh. B	21	138	34.85028	-81.0233
A	Charlotte	Exh. A	53	4	145	R215S-10	Exh. B	21	149	34.80778	-81.0578
A	Charlotte	Exh. A	53	4	146	R215S-11	Exh. B	21	156	34.77194	-81.0878
A	Charlotte	Exh. A	53	4	147	R215S-12	Exh. B	21	167	34.73417	-81.1186
A	Charlotte	Exh. A	53	4	148	R215S-13	Exh. B	21	175	34.692778	-81.15278
A	Charlotte	Exh. A	53	4	149	R215S-14	Exh. B	21	182	34.658889	81.188611
A	Charlotte	Exh. A	53	4	150	R215S-15	Exh. B	21	189	35.639444	81.233333
A	Charlotte	Exh. A	53	4	151	R215S-16	Exh. B	21	192	35.622222	-81.24556
A	Charlotte	Exh. A	53	4	152	R270-1	Exh. B	21	36	35.25583	80.868889
A	Charlotte	Exh. A	53	4	153	R270-2	Exh. B	21	48	35.25139	80.917222
A	Charlotte	Exh. A	53	4	154	R270-3	Exh. B	21	55	35.25361	80.961111
A	Charlotte	Exh. A	53	4	155	R270-4	Exh. B	21	64	35.25194	81.021667
A	Charlotte	Exh. A	53	4	156	R270-5	Exh. B	21	75	35.25222	80.072778
A	Charlotte	Exh. A	53	4	157	R270-6	Exh. B	21	82	35.25028	81.130556
A	Charlotte	Exh. A	53	4	158	R270-7	Exh. B	21	101	35.25111	81.655556
A	Charlotte	Exh. A	53	4	159	R270-8	Exh. B	21	126	35.24833	81.228889
A	Charlotte	Exh. A	53	4	160	R270-9	Exh. B	21	137	35.25722	-81.285
A	Charlotte	Exh. A	53	4	161	R270S-10	Exh. B	21	145	35.253611	81.341667
A	Charlotte	Exh. A	53	4	162	R270S-11	Exh. B	21	152	35.253611	81.375556
A	Charlotte	Exh. A	53	4	163	R270S-12	Exh. B	21	163	35.252222	81.447222
A	Charlotte	Exh. A	53	4	164	R270S-13	Exh. B	21	170	35.251389	81.493056
A	Charlotte	Exh. A	53	4	165	R270S-14	Exh. B	21	177	35.242778	-81.55556
A	Charlotte	Exh. A	53	4	166	R270S-15	Exh. B	21	188	35.25356	-81.65
A	Charlotte	Exh. A	53	4	167	R270S-16	Exh. B	21	195	35.251111	81.175556
A	Charlotte	Exh. A	53	4	168	R300-1	Exh. B	21	132	35.31806	-80.8375
A	Charlotte	Exh. A	53	4	169	R300-2	Exh. B	21	30	35.34306	-80.89356
A	Charlotte	Exh. A	53	4	170	R300-3	Exh. B	21	54	35.37028	80.933611
A	Charlotte	Exh. A	53	4	171	R300-4	Exh. B	21	58	35.38806	80.981389
A	Charlotte	Exh. A	53	4	172	R300-5	Exh. B	21	69	35.40361	80.028333
A	Charlotte	Exh. A	53	4	173	R300-6	Exh. B	21	74	35.43444	81.069444
A	Charlotte	Exh. A	53	4	174	R300-7	Exh. B	21	83	35.45583	81.121389
A	Charlotte	Exh. A	53	4	175	R300-8	Exh. B	21	108	35.47444	81.166111
A	Charlotte	Exh. A	53	4	176	R300-9	Exh. B	21	139	35.49639	81.208889
A	Charlotte	Exh. A	53	4	177	R300S-10	Exh. B	21	150	35.509444	81.257222
A	Charlotte	Exh. A	53	4	178	R300S-11	Exh. B	21	153	35.533611	-81.32778
A	Charlotte	Exh. A	53	4	179	R300S-12	Exh. B	21	161	35.557222	81.349444
A	Charlotte	Exh. A	53	4	180	R300S-13	Exh. B	21	171	35.574722	-81.39833
A	Charlotte	Exh. A	53	4	181	R300S-14	Exh. B	21	179	35.59356	81.438611
A	Charlotte	Exh. A	53	4	182	R300S-15	Exh. B	21	187	35.62356	81.651389
A	Charlotte	Exh. A	53	4	183	R300S-16	Exh. B	21	199	35.637778	81.539167
A	Charlotte	Exh. A	53	4	184	R305-1	Exh. B	21	38	35.32639	80.836389
A	Charlotte	Exh. A	53	4	185	R305-2	Exh. B	21	47	35.35444	80.872222
A	Charlotte	Exh. A	53	4	186	R305-3	Exh. B	21	60	35.38306	80.921111
A	Charlotte	Exh. A	53	4	187	R305-4	Exh. B	21	70	35.40556	80.971111
A	Charlotte	Exh. A	53	4	188	R305-5	Exh. B	21	73	35.43361	81.003611
A	Charlotte	Exh. A	53	4	189	R305-6	Exh. B	21	84	35.4575	-81.0511
A	Charlotte	Exh. A	53	4	190	R305-7	Exh. B	21	94	35.47139	81.090556
A	Charlotte	Exh. A	53	4	191	R305-8	Exh. B	21	133	35.50889	81.144444
A	Charlotte	Exh. A	53	4	192	R305-9	Exh. B	21	140	35.52444	81.183333
A	Charlotte	Exh. A	53	4	193	R305S-10	Exh. B	21	146	35.551944	81.223611
A	Charlotte	Exh. A	53	4	194	R305S-11	Exh. B	21	155	35.574722	-81.27556
A	Charlotte	Exh. A	53	4	195	R305S-12	Exh. B	21	165	35.605278	81.316944
A	Charlotte	Exh. A	53	4	196	R305S-13	Exh. B	21	173	35.632222	81.353056
A	Charlotte	Exh. A	53	4	197	R305S-14	Exh. B	21	183	35.6547	81.418889
A	Charlotte	Exh. A	53	4	198	R305S-15	Exh. B	21	191	35.6763	81.451389
A	Charlotte	Exh. A	53	4	199	R305S-16	Exh. B	21	197	35.7072	81.487222
A	Charlotte	Exh. A	6	5	162	C1-1	Exh. B	22	185	35.21972	-80.8536
A	Charlotte	Exh. A	6	5	169	C1-2	Exh. B	22	186	35.22083	-80.72
A	Charlotte	Exh. A	6	5	155	C1-3	Exh. B	22	1	35.21861	-80.8303
A	Charlotte	Exh. A	6	5	142	C1-4	Exh. B	22	189	35.21139	-80.8522
A	Charlotte	Exh. A	6	5	181	C1-5	Exh. B	22	182	35.21389	-80.8244
A	Charlotte	Exh. A	6	5	141	C1-6	Exh. B	22	140	35.20528	-80.8519
A	Charlotte	Exh. A	6	5	143	C1-7	Exh. B	22	176	35.20556	-80.8431
A	Charlotte	Exh. A	6	5	149	C1-8	Exh. B	22	138	35.20583	-80.8339
A	Charlotte	Exh. A	6	5	191	C2-1	Exh. B	22	21	35.95278	-81.0378
A	Charlotte	Exh. A	6	5	5	C2-2	Exh. B	22	22	35.95194	-81.0253
A	Charlotte	Exh. A	6	5	109	C2-3	Exh. B	22	155	34.95278	-81.0211
A	Charlotte	Exh. A	6	5	179	C2-4	Exh. B	22	165	34.94111	-81.0431
A	Charlotte	Exh. A	6	5	102	C2-5	Exh. B	22	160	34.94111	-81.0206
A	Charlotte	Exh. A	6	5	94	C2-6	Exh. B	22	166	34.93917	-81.0386
A	Charlotte	Exh. A	6	5	99	C2-7	Exh. B	22	167	34.93583	-81.0253
A	Charlotte	Exh. A	6	5	96	C2-8	Exh. B	22	161	34.93639	-81.0214
A	Charlotte	Exh. A	6	5	171	C3-1	Exh. B	22	130	35.235	-80.7256
A	Charlotte	Exh. A	6	5	172	C3-2	Exh. B	22	129	35.23861	-80.7169
A	Charlotte	Exh. A	6	5	148	C3-3	Exh. B	22	131	35.22083	-80.8436
A	Charlotte	Exh. A	6	5	185	C3-4	Exh. B	22	179	35.22556	-80.8247
A	Charlotte	Exh. A	6	5	170	C3-5	Exh. B	22	132	35.22611	-80.7192
A	Charlotte	Exh. A	6	5	130	G1A1	Exh. B	22	144	35.24361	-80.8781
A	Charlotte	Exh. A	6	5	140	G1A2	Exh. B	22	187	35.24139	-80.8606
A	Charlotte	Exh. A	6	5	153	G1A3	Exh. B	22	174	35.24	-80.8414
A	Charlotte	Exh. A	6	5	158	G1A4	Exh. B	22	136	35.24111	-80.8253
A	Charlotte	Exh. A	6	5	13	G1A5	Exh. B	22	133	35.24278	-81.5506
A	Charlotte	Exh. A	6	5	129	G1B1	Exh. B	22	146	35.22639	-80.88
A	Charlotte	Exh. A	6	5	189	G1B2	Exh. B	22	141	35.22806	-80.8089
A	Charlotte	Exh. A	6	5	164	G1B3	Exh. B	22	183	35.22972	-80.8447
A	Charlotte	Exh. A	6	5	186	G1B4	Exh. B	22	137	35.22556	-80.7044
A	Charlotte	Exh. A	6	5	190	G1B5	Exh. B	22	180	35.22806	-80.8594
A	Charlotte	Exh. A	6	5	145	G1C1	Exh. B	22	147	35.21333	-80.8792
A	Charlotte	Exh. A	6	5	159	G1C2	Exh. B	22	191	35.21278	-80.8597
A	Charlotte	Exh. A	6	5	144	G1C3	Exh. B	22	188	35.21028	-80.8433
A	Charlotte	Exh. A	6	5	182	G1C4	Exh. B	22	181	35.21389	-80.8344
A	Charlotte	Exh. A	6	5	165	G1C5	Exh. B	22	134	35.21194	-80.8064
A	Charlotte	Exh. A	6	5	128	G1D1	Exh. B	22	192	35.19972	-80.8794
A	Charlotte	Exh. A	6	5	154	G1D2	Exh. B	22	145	35.19111	-80.8561
A	Charlotte	Exh. A	6	5	183	G1D3	Exh. B	22	139	35.19861	-80.8061
A	Charlotte	Exh. A	6	5	160	G1D4	Exh. B	22	184	35.19889	-80.8253
A	Charlotte	Exh. A	6	5	184	G1D5	Exh. B	22	135	35.19861	-80.8447
A	Charlotte	Exh. A	6	5	152	G1E1	Exh. B	22	193	35.1825	-80.8811
A	Charlotte	Exh. A	6	5	163	G1E2	Exh. B	22	4	35.18389	-80.8603
A	Charlotte	Exh. A	6	5	138	G1E3	Exh. B	22	142	35.18528	-80.8444
A	Charlotte	Exh. A	6	5	146	G1E4	Exh. B	22	177	35.18361	-80.8253
A	Charlotte	Exh. A	6	5	167	G1E5	Exh. B	22	175	35.18444	-80.7778
A	Charlotte	Exh. A	6	5	177	G2A1	Exh. B	22	197	34.97611	-81.0253
A	Charlotte	Exh. A	6	5	75	G2A2	Exh. B	22	156	34.97611	-81.0494
A	Charlotte	Exh. A	6	5	78	G2A3	Exh. B	22	80	34.97528	-81.0336
A	Charlotte	Exh. A	6	5	173	G2A4	Exh. B	22	78	34.97472	-81.0139
A	Charlotte	Exh. A	6	5	103	G2A5	Exh. B	22	153	34.97722	-80.9975
A	Charlotte	Exh. A	6	5	73	G2B1	Exh. B	22	85	34.95667	-81.0669
A	Charlotte	Exh. A	6	5	114	G2B2	Exh. B	22	162	34.96139	-81.0483
A	Charlotte	Exh. A	6	5	105	G2B3	Exh. B	22	157	34.96194	-81.0339
A	Charlotte	Exh. A	6	5	93	G2B4	Exh. B	22	154	34.96306	-81.0153
A	Charlotte	Exh. A	6	5	112	G2B5	Exh. B	22	79	34.96111	-80.9989
A	Charlotte	Exh. A	6	5	50	G2C1	Exh. B	22	87	34.94694	-81.0656
A	Charlotte	Exh. A	6	5	180	G2C2	Exh. B	22	198	34.94111	-81.0361
A	Charlotte	Exh. A	6	5	178	G2C3	Exh. B	22	84	34.97611	-81.0669

A	Charlotte	Exh. A	6	5	74	G2C4	Exh. B	22	158	34.94111	-81.0153
A	Charlotte	Exh. A	6	5	82	G2C5	Exh. B	22	195	34.94639	-80.9958
A	Charlotte	Exh. A	6	5	61	G2D1	Exh. B	22	23	34.92583	-81.0594
A	Charlotte	Exh. A	6	5	67	G2D2	Exh. B	22	169	34.93278	-81.0422
A	Charlotte	Exh. A	6	5	95	G2D3	Exh. B	22	199	34.92611	-81.0258
A	Charlotte	Exh. A	6	5	77	G2D4	Exh. B	22	163	34.93333	-81.0081
A	Charlotte	Exh. A	6	5	117	G2D5	Exh. B	22	159	34.92639	-80.9892
A	Charlotte	Exh. A	6	5	45	G2E1	Exh. B	22	92	34.90833	-81.0597
A	Charlotte	Exh. A	6	5	72	G2E2	Exh. B	22	170	34.91694	-81.0414
A	Charlotte	Exh. A	6	5	76	G2E3	Exh. B	22	168	34.91833	-81.0253
A	Charlotte	Exh. A	6	5	175	G2E4	Exh. B	22	86	34.91889	-80.9914
A	Charlotte	Exh. A	6	5	176	G2E5	Exh. B	22	196	34.91889	-81.0086
A	Charlotte	Exh. A	6	5	168	R050-1	Exh. B	22	54	35.33889	-80.5581
A	Charlotte	Exh. A	6	5	166	R050-2	Exh. B	22	5	35.37389	-80.5097
A	Charlotte	Exh. A	6	5	137	R050-3	Exh. B	22	7	35.40306	-80.4708
A	Charlotte	Exh. A	6	5	86	R050-4	Exh. B	22	2	35.42139	-80.4222
A	Charlotte	Exh. A	6	5	84	R050-5	Exh. B	22	10	35.45333	-80.3903
A	Charlotte	Exh. A	6	5	124	R050-6	Exh. B	22	15	35.47639	-80.3525
A	Charlotte	Exh. A	6	5	59	R050-7	Exh. B	22	17	35.50556	-80.3069
A	Charlotte	Exh. A	6	5	58	R050-8	Exh. B	22	24	35.53528	-80.2706
A	Charlotte	Exh. A	6	5	57	R050-9	Exh. B	22	93	35.55972	-80.2294
A	Charlotte	Exh. A	6	5	51	R050S-10	Exh. B	22	29	35.59667	-80.1847
A	Charlotte	Exh. A	6	5	49	R050S-11	Exh. B	22	33	35.61972	-80.1389
A	Charlotte	Exh. A	6	5	18	R050S-12	Exh. B	22	36	35.64806	-80.1019
A	Charlotte	Exh. A	6	5	6	R050S-13	Exh. B	22	111	35.6775	-80.0589
A	Charlotte	Exh. A	6	5	192	R050S-14	Exh. B	22	45	35.70111	-79.0208
A	Charlotte	Exh. A	6	5	193	R050S-15	Exh. B	22	121	35.73222	-79.9789
A	Charlotte	Exh. A	6	5	2	R050S-16	Exh. B	22	127	35.75667	-79.9278
A	Charlotte	Exh. A	6	5	135	R085-1	Exh. B	22	55	35.25889	-80.5036
A	Charlotte	Exh. A	6	5	187	R085-2	Exh. B	22	60	35.27528	-80.2403
A	Charlotte	Exh. A	6	5	150	R085-3	Exh. B	22	64	35.27139	-80.4033
A	Charlotte	Exh. A	6	5	121	R085-4	Exh. B	22	9	35.27028	-80.3514
A	Charlotte	Exh. A	6	5	90	R085-5	Exh. B	22	11	35.28306	-80.2997
A	Charlotte	Exh. A	6	5	188	R085-6	Exh. B	22	74	35.27528	-80.4561
A	Charlotte	Exh. A	6	5	110	R085-7	Exh. B	22	18	35.28472	-80.1894
A	Charlotte	Exh. A	6	5	40	R085-8	Exh. B	22	26	35.28556	-80.1381
A	Charlotte	Exh. A	6	5	70	R085-9	Exh. B	22	96	35.29194	-80.0758
A	Charlotte	Exh. A	6	5	9	R085S-10	Exh. B	22	100	35.30222	-80.0261
A	Charlotte	Exh. A	6	5	46	R085S-11	Exh. B	22	105	35.30028	-79.9739
A	Charlotte	Exh. A	6	5	27	R085S-12	Exh. B	22	107	35.30222	-79.9228
A	Charlotte	Exh. A	6	5	15	R085S-13	Exh. B	22	110	35.30556	-79.8753
A	Charlotte	Exh. A	6	5	39	R085S-14	Exh. B	22	114	35.32444	-79.8219
A	Charlotte	Exh. A	6	5	62	R085S-15	Exh. B	22	46	35.30806	-79.7694
A	Charlotte	Exh. A	6	5	17	R085S-16	Exh. B	22	51	35.31972	-79.7169
A	Charlotte	Exh. A	6	5	126	R110-1	Exh. B	22	3	35.20083	-80.5081
A	Charlotte	Exh. A	6	5	127	R110-2	Exh. B	22	6	35.18361	-80.4361
A	Charlotte	Exh. A	6	5	100	R110-3	Exh. B	22	8	35.17083	-80.4172
A	Charlotte	Exh. A	6	5	85	R110-4	Exh. B	22	67	35.15417	-80.3706
A	Charlotte	Exh. A	6	5	136	R110-5	Exh. B	22	14	35.14194	-80.3194
A	Charlotte	Exh. A	6	5	104	R110-6	Exh. B	22	16	35.11722	-80.2586
A	Charlotte	Exh. A	6	5	36	R110-7	Exh. B	22	19	35.10472	-80.2203
A	Charlotte	Exh. A	6	5	37	R110-8	Exh. B	22	91	35.08806	-80.1589
A	Charlotte	Exh. A	6	5	41	R110-9	Exh. B	22	97	35.07528	-80.1206
A	Charlotte	Exh. A	6	5	38	R110S-10	Exh. B	22	99	35.05778	-80.0739
A	Charlotte	Exh. A	6	5	71	R110S-11	Exh. B	22	104	35.04194	-80.0078
A	Charlotte	Exh. A	6	5	60	R110S-12	Exh. B	22	108	35.03861	-79.97
A	Charlotte	Exh. A	6	5	194	R110S-13	Exh. B	22	112	35.02167	-79.9228
A	Charlotte	Exh. A	6	5	55	R110S-14	Exh. B	22	117	35.00472	-79.8597
A	Charlotte	Exh. A	6	5	22	R110S-15	Exh. B	22	122	34.98583	-79.8197
A	Charlotte	Exh. A	6	5	195	R110S-16	Exh. B	22	125	35.97278	-79.7722
A	Charlotte	Exh. A	6	5	157	R185-1	Exh. B	22	57	35.10472	-80.7022
A	Charlotte	Exh. A	6	5	123	R185-2	Exh. B	22	148	35.05806	-80.7022
A	Charlotte	Exh. A	6	5	115	R185-3	Exh. B	22	65	35.01861	-80.7056
A	Charlotte	Exh. A	6	5	174	R185-4	Exh. B	22	151	34.97472	-80.7092
A	Charlotte	Exh. A	6	5	119	R185-5	Exh. B	22	12	34.93361	-80.7097
A	Charlotte	Exh. A	6	5	79	R185-6	Exh. B	22	75	34.88889	-80.7222
A	Charlotte	Exh. A	6	5	88	R185-7	Exh. B	22	82	34.83972	-80.7247
A	Charlotte	Exh. A	6	5	69	R185-8	Exh. B	22	90	34.80306	-80.7347
A	Charlotte	Exh. A	6	5	48	R185-9	Exh. B	22	98	34.75417	-80.7222
A	Charlotte	Exh. A	6	5	66	R185S-10	Exh. B	22	101	34.70861	-80.7367
A	Charlotte	Exh. A	6	5	56	R185S-11	Exh. B	22	106	34.66889	-80.7417
A	Charlotte	Exh. A	6	5	4	R185S-12	Exh. B	22	109	34.62278	-80.7425
A	Charlotte	Exh. A	6	5	24	R185S-13	Exh. B	22	41	34.59028	-80.7514
A	Charlotte	Exh. A	6	5	12	R185S-14	Exh. B	22	116	34.54111	-80.7569
A	Charlotte	Exh. A	6	5	8	R185S-15	Exh. B	22	123	34.50361	-80.7711
A	Charlotte	Exh. A	6	5	7	R185S-16	Exh. B	22	52	34.46472	-80.7675
A	Charlotte	Exh. A	6	5	134	R215-1	Exh. B	22	58	35.12611	-80.7858
A	Charlotte	Exh. A	6	5	151	R215-2	Exh. B	22	61	35.08972	-80.8078
A	Charlotte	Exh. A	6	5	132	R215-3	Exh. B	22	62	35.05611	-80.8261
A	Charlotte	Exh. A	6	5	125	R215-4	Exh. B	22	68	35.02444	-80.8847
A	Charlotte	Exh. A	6	5	118	R215-5	Exh. B	22	73	34.98833	-80.9072
A	Charlotte	Exh. A	6	5	64	R215-6	Exh. B	22	53	34.95306	-80.94
A	Charlotte	Exh. A	6	5	116	R215-7	Exh. B	22	164	34.90722	-80.9711
A	Charlotte	Exh. A	6	5	43	R215-8	Exh. B	22	25	34.88444	-80.9897
A	Charlotte	Exh. A	6	5	63	R215-9	Exh. B	22	95	34.85028	-81.0233
A	Charlotte	Exh. A	6	5	34	R215S-10	Exh. B	22	102	34.80778	-81.0578
A	Charlotte	Exh. A	6	5	47	R215S-11	Exh. B	22	34	34.77194	-81.0878
A	Charlotte	Exh. A	6	5	21	R215S-12	Exh. B	22	39	34.73417	-81.1186
A	Charlotte	Exh. A	6	5	28	R215S-13	Exh. B	22	44	34.69278	-81.1503
A	Charlotte	Exh. A	6	5	35	R215S-14	Exh. B	22	119	34.65889	-81.1886
A	Charlotte	Exh. A	6	5	19	R215S-15	Exh. B	22	47	35.63944	-81.2333
A	Charlotte	Exh. A	6	5	33	R215S-16	Exh. B	22	50	35.62222	-81.2406
A	Charlotte	Exh. A	6	5	133	R270-1	Exh. B	22	143	35.25583	-80.8689
A	Charlotte	Exh. A	6	5	139	R270-2	Exh. B	22	178	35.25139	-80.9172
A	Charlotte	Exh. A	6	5	113	R270-3	Exh. B	22	150	35.25361	-80.9611
A	Charlotte	Exh. A	6	5	91	R270-4	Exh. B	22	152	35.25194	-81.0217
A	Charlotte	Exh. A	6	5	30	R270-5	Exh. B	22	72	35.25222	-80.0728
A	Charlotte	Exh. A	6	5	108	R270-6	Exh. B	22	194	35.25028	-81.1306
A	Charlotte	Exh. A	6	5	26	R270-7	Exh. B	22	20	35.25111	-81.6556
A	Charlotte	Exh. A	6	5	23	R270-8	Exh. B	22	88	35.24833	-81.2289
A	Charlotte	Exh. A	6	5	83	R270-9	Exh. B	22	94	35.25722	-81.285
A	Charlotte	Exh. A	6	5	52	R270S-10	Exh. B	22	172	35.25361	-81.3417
A	Charlotte	Exh. A	6	5	16	R270S-11	Exh. B	22	32	35.25361	-81.3756
A	Charlotte	Exh. A	6	5	14	R270S-12	Exh. B	22	37	35.25222	-81.4472
A	Charlotte	Exh. A	6	5	32	R270S-13	Exh. B	22	42	35.25139	-81.4931
A	Charlotte	Exh. A	6	5	161	R270S-14	Exh. B	22	118	35.24278	-80.8086
A	Charlotte	Exh. A	6	5	20	R270S-15	Exh. B	22	48	35.25306	-81.605
A	Charlotte	Exh. A	6	5	107	R270S-16	Exh. B	22	173	35.25111	-81.1756
A	Charlotte	Exh. A	6	5	156	R300-1	Exh. B	22	190	35.31806	-80.8375
A	Charlotte	Exh. A	6	5	122	R300-2	Exh. B	22	59	35.34306	-80.8931
A	Charlotte	Exh. A	6	5	92	R300-3	Exh. B	22	63	35.37028	-80.9336
A	Charlotte	Exh. A	6	5	89	R300-4	Exh. B	22	69	35.38806	-80.9814
A	Charlotte	Exh. A	6	5	196	R300-5	Exh. B	22	71	35.40361	-80.0283
A	Charlotte	Exh. A	6	5	81	R300-6	Exh. B	22	76	35.43444	-81.0694
A	Charlotte	Exh. A	6	5	87	R300-7	Exh. B	22	83	35.45583	-81.1214
A	Charlotte	Exh. A	6	5	98	R300-8	Exh. B	22	171	35.47444	-81.1661
A	Charlotte	Exh. A	6	5	101	R300-9	Exh. B	22	27	35.49639	-81.2089
A	Charlotte	Exh. A	6	5	44	R300S-10	Exh. B	22	31	35.50944	-81.2572
A	Charlotte	Exh. A	6	5	42	R300S-11	Exh. B	22	35	35.53361	-81.3028
A	Charlotte	Exh. A	6	5	65	R300S-12	Exh. B	22	38	35.55722	-81.3494
A	Charlotte	Exh. A	6	5	197	R300S-13	Exh. B	22	43	35.57472	-81.3908
A	Charlotte	Exh. A	6	5	1	R300S-14	Exh. B	22	115	35.59306	-81.4386
A	Charlotte	Exh. A	6	5	198	R300S-15	Exh. B	22	124	35.62306	-81.6514
A	Charlotte	Exh. A	6	5	31	R300S-16	Exh. B	22	128	35.63778	-81.5392
A	Charlotte	Exh. A	6	5	147	R305-1	Exh. B	22	56	35.32639	-80.8364
A	Charlotte	Exh. A	6	5	131	R305-2	Exh. B	22	149	35.35444	-80.8722
A	Charlotte	Exh. A	6	5	111	R305-3	Exh. B	22	66	35.38306	-80.9211
A	Charlotte	Exh. A	6	5	106	R305-4	Exh. B	22	70	35.40556	-80.9711
A	Charlotte	Exh. A	6	5	120	R305-5	Exh. B	22	13	35.43361	-81.0036
A	Charlotte	Exh. A	6	5	80	R305-6	Exh. B	22	77	35.4575	-81.0511

A	Charlotte	Exh. A		6	5	53	R305-7				Exh. B	22	81	35.47139	-81.0906
A	Charlotte	Exh. A		6	5	68	R305-8				Exh. B	22	89	35.50889	-81.1444
A	Charlotte	Exh. A		6	5	97	R305-9				Exh. B	22	28	35.52444	-81.1833
A	Charlotte	Exh. A		6	5	29	R305S-10				Exh. B	22	30	35.55194	-81.2236
A	Charlotte	Exh. A		6	5	10	R305S-11				Exh. B	22	103	35.57472	-81.2706
A	Charlotte	Exh. A		6	5	54	R305S-12				Exh. B	22	40	35.60528	-81.3169
A	Charlotte	Exh. A		6	5	25	R305S-13				Exh. B	22	113	35.63222	-81.3531
A	Charlotte	Exh. A		6	5	11	R305S-14				Exh. B	22	120	35.65472	-81.4189
A	Charlotte	Exh. A		6	5	199	R305S-15				Exh. B	22	49	35.67639	-81.4514
A	Charlotte	Exh. A		6	5	3	R305S-16				Exh. B	22	126	35.70722	-81.4872
	Charlotte	Exh. A	WBTV	7	71	69	STAMEY	DEBBIE	6402 MOORESVILLE RD	KANNAPOLIS	28081 NC		-80.6863	35.48824
	Charlotte	Exh. A	WBTV	7	25	182	WILSON	BOBBY	2570 WOODFIELD DR	SOPHIA	27350 NC		-79.8782	35.7698
	Charlotte	Exh. A	WBTV	7	33	295	BIGGS	BUDDY	713 GAP CREEK RD	MARIETTA	29661 SC		-82.5032	35.14352
	Charlotte	Exh. A	WBTV	7	44	408	COLE	JOSEPH	6815 LACKEY ROAD	VALE	28168 NC		-81.4283	35.49777
	Charlotte	Exh. A	WBTV	7	55	521	Evans	June	11910 Riceland Way	Midland	28107 NC		-80.5168	35.25266
	Charlotte	Exh. A	WBTV	7	65	634	HARRIS	KENNETH	411 SALEM CHURCH RD	MAIDEN	28650-083 NC		-81.199	35.56187
	Charlotte	Exh. A	WBTV	7	77	747	JONES	LEE	406 CORPORATION ST	WILKESBORO	28697-280 NC		-81.1575	36.14115
	Charlotte	Exh. A	WBTV	7	88	860	MC MAHAN	JAMES	3239 BROWN MOUNTAIN	MORGANTON	28655 NC		-81.7575	35.87517
	Charlotte	Exh. A	WBTV	7	99	973	PARKER	DANNY	3969 HAHN SCOTT RD	MOUNT PLEASANT	28124-936 NC		-80.4086	35.36386
	Charlotte	Exh. A	WBTV	7	9	1086	SCALES	KENNETH	1104 WOODLAND ST_SE	VALDESE	28690 NC		-81.5545	35.73147
	Charlotte	Exh. A	WBTV	7	19	1199	THOMAS,	STACEY	475 ORMAND RD	YORK	29745-131 SC		-81.1749	35.06726
	Charlotte	Exh. A	WBTV	7	20	1312	WISEMAN	DALE	3331 FALCON_RIDGE RD	MAIDEN	28650 NC		-81.0923	35.58967
	Charlotte	Exh. A	WBTV	7	22	1538	HAWKINS	GERALD	1639 OAKNOLL LN	CHARLOTTE	28214-000 NC		-80.959	35.27196
	Charlotte	Exh. A	WBTV	7	23	1651	MONTEIPH	LINDA	2990 HUDLOW RD	FOREST_CITY	28043-754 NC		-81.9169	35.42098
	Charlotte	Exh. A	WBTV	7	24	1764	STIMM	ERICK	693 JOHN_SHE_HAN RD	MILL_SPRING	28756 NC		-82.0796	35.28592
	Charlotte	Exh. A	WBTV	7	26	1877	BENSON	BOYD	205 ROBERTS AVE	YORK	29745-130 SC		-81.2206	35.00679
	Charlotte	Exh. A	WBTV	7	27	1990	CHRISTLEY,	RON	PF10_4359 MOUNT BETHEL	NEWBERRY	29108-000 SC		-81.5956	34.30576
	Charlotte	Exh. A	WBTV	7	28	2329	Johnson	Rosa	1427 Little_Buffalo Rd	Mt_Pleasant	28124 NC		-80.4009	35.43397
	Charlotte	Exh. A	WBTV	7	29	2442	MABRY	STONEY	10158 ACORN_ACRES RD	NORWOOD	28128-741 NC		-80.1037	35.21842
	Charlotte	Exh. A	WBTV	7	30	2555	MULL	SUSAN	2416 MOUNT_HOME CHU	MORGANTON	28655-940 NC		-81.6465	35.70547
	Charlotte	Exh. A	WBTV	7	31	2781	SLOAN	DAWN	4516 ECHOLS DR	SHARON	29742-752 SC		-81.3828	34.89867
	Charlotte	Exh. A	WBTV	7	32	2894	VANHOY	JIM	1870 HILL RD	LEXINGTON	27292-896 NC		-80.0645	35.71166
	Charlotte	Exh. A	WBTV	7	34	3007	ADAMS	GAIL	1876 CREEKSIDE PL	LENOIR	28645-886 NC		-81.5529	35.94987
	Charlotte	Exh. A	WBTV	7	35	3120	BRAMMER	JIM	7104 DONEGAL CT	CLEMMONS	27012 NC		-80.404	36.03283
	Charlotte	Exh. A	WBTV	7	36	3233	CLAWSON,	DIANNE	429 ALLEN ST.	ROCK HILL	29730 SC		-81.038	34.92922
	Charlotte	Exh. A	WBTV	7	37	3346	DUNLOP	DENNIS	1122 REDHAVEN DR	FORT MILL	29715-811 SC		-80.9858	35.07015
	Charlotte	Exh. A	WBTV	7	38	3459	GOLDFUSH	MATHEW	4023 HOWIE CIR	CHARLOTTE	28205-143 NC		-80.7814	35.25092
	Charlotte	Exh. A	WBTV	7	39	3572	HIGGINS	TERRY	2724 CAMDEN RD	MARSHVILLE	28103-700 NC		-80.4017	34.92275
	Charlotte	Exh. A	WBTV	7	40	3685	JORDAN	JOHN	135 ASBILL AVE	HIGH POINT	27265-190 NC		-80.0391	36.0015
	Charlotte	Exh. A	WBTV	7	41	3798	MABRY	SAM	16142 HWY 52 S	NORWOOD	28128 NC		-80.1606	35.25967
	Charlotte	Exh. A	WBTV	7	42	3911	MOEN	PATRICIA	2900 MONTANA DR	KANNAPOLIS	28083-000 NC		-80.7151	35.52456
	Charlotte	Exh. A	WBTV	7	43	4024	PIPES	JAMES	2334 FALLS RD	MORAVIAN FALLS	28654-941 NC		-81.2243	36.07047
	Charlotte	Exh. A	WBTV	7	45	4137	SALT	CHRISTOPHE	4612 COTTON CREEK DR	CHARLOTTE	28226 NC		-80.8046	35.09645
	Charlotte	Exh. A	WBTV	7	46	4250	STANKUS	JOHN	1000 KILGORE BRIDGE R	WOODRUFF	29388-964 SC		-81.9772	34.71841
	Charlotte	Exh. A	WBTV	7	47	4363	WALL	JESSIE	3130 FINCHER RD	MATTHEWS	28105-059 NC		-80.6958	35.05869
	Charlotte	Exh. A	WBTV	7	48	4476	ADAIR	WALTER	366 BAXTER RD	FOREST CITY	28043-000 NC		-81.8626	35.30158
	Charlotte	Exh. A	WBTV	7	49	4589	BISTOL	LUCIOUS	628 PINKWOOD DR	RUTHERFORDTON	28139 NC		-81.9774	35.37428
	Charlotte	Exh. A	WBTV	7	50	4702	CANNON	DAVID	1360 CAPE HICKORY	RD HICKORY	28601-711 NC		-81.4284	35.75247
	Charlotte	Exh. A	WBTV	7	51	4815	CRITCHER	PHIL	1838 BURKETT RD	BOONE	28607-825 NC		-81.6251	36.28397
	Charlotte	Exh. A	WBTV	7	52	4928	Edwards	Christy	966 N Minton	Rd. Wilksboro	28697 NC		-81.2878	36.14397
	Charlotte	Exh. A	WBTV	7	53	5041	Gibson	Jerry	116 Summer Chase	Ln Mooresville	28115 NC		-80.9142	35.62236
	Charlotte	Exh. A	WBTV	7	54	5154	HEATH	CLAY	2108 STORM CANYON R	WINSTON SALEM	27106-977 NC		-80.3641	36.12954
	Charlotte	Exh. A	WBTV	7	56	5267	JERMAN	JEFF	10708 SLUE HERON DR	CHAROLETE	28226 NC		-80.8216	35.10635
	Charlotte	Exh. A	WBTV	7	57	5380	LEE,	DEBRA	7660 YOUNG RD	HICKORY	28602-000 NC		-81.4606	35.62067
	Charlotte	Exh. A	WBTV	7	58	5606	NORMAN	THOMAS	10412 HENBANE CT	CHARLOTTE	28213-923 NC		-80.7032	35.30136
	Charlotte	Exh. A	WBTV	7	59	5719	PORTER	KATHY	1105 FOXFIELD RD	WAXHAW	28173-754 NC		-80.7896	34.95715
	Charlotte	Exh. A	WBTV	7	60	5832	ROWLAND	JAMES	2120 PEELER RD	SALISBURY	28146-114 NC		-80.5203	35.61296
	Charlotte	Exh. A	WBTV	7	61	5945	SMITHWICK	STEVEN	10117 TRUITT CT	HUNTERSVILLE	28078-514 NC		-80.8656	35.41096
	Charlotte	Exh. A	WBTV	7	62	6058	THOMPSON	ALVIN	1671 CENTER RD	CHESTER	29706-715 SC		-81.2385	34.73156
	Charlotte	Exh. A	WBTV	7	63	6171	WELKER	MICHAEL	7640 CHARLOTTE HWY	YORK	29745-963 SC		-81.1559	35.03096
	Charlotte	Exh. A	WBTV	7	64	6284	ADAMS	RAY	219 TENTH AVE SE	HICKORY	28602 NC		-81.3352	35.72053
	Charlotte	Exh. A	WBTV	7	66	6397	CLEARY	CAROL	164 PETTYJOHN ST	ELKIN	28621 NC		-80.887	36.26025
	Charlotte	Exh. A	WBTV	7	67	6510	FRASER	HAROLD	16235 RIVERLURE BLVD	CHARLOTTE	28217 NC		-81.041	35.07712
	Charlotte	Exh. A	WBTV	7	68	6623	HOWELL	RICK	704 WOODHILL CIR	MONROE	28110 NC		-80.5783	35.01085
	Charlotte	Exh. A	WBTV	7	69	6736	MC	JOHN	540 APRIL DR	SHELBY	28152-076 NC		-81.5375	35.25498
	Charlotte	Exh. A	WBTV	7	70	6849	POORE	JOHN & DAP	6 WOODHEDGE CT	MAULDIN	29662 SC		-82.3291	34.76728
	Charlotte	Exh. A	WBTV	7	72	6962	SNELSON	GREG	4328 STONEFIELD LN	CHARLOTTE	28269 NC		-80.8024	35.32396
	Charlotte	Exh. A	WBTV	7	73	7075	WILLIAMS	ANDREW	5075 BISMARK STREET	WINSTON SALEM	27105 NC		-80.209	36.14527
	Charlotte	Exh. A	WBTV	7	74	7188	HEWITT	CHARLES	6575 GOODMAN LAKE RD	SALISBURY	28146-828 NC		-80.3842	35.65036
	Charlotte	Exh. A	WBTV	7	75	7301	VAUGHN	HAROLD	1834 STEMP EVERHART	THOMASVILLE	27360-753 NC		-80.127	35.85096
	Charlotte	Exh. A	WBTV	7	76	7414	FERGUSON	STEVE	336 BETHEL CHURCH RD	MARION	28752-906 NC		-82.0057	35.57244
	Charlotte	Exh. A	WBTV	7	78	7527	SHEPARD	CHARLES	1771 GEORGE BROWN R	CROUSE	28033-870 NC		-81.3233	35.43827
	Charlotte	Exh. A	WBTV	7	79	7640	DIXON	PHIL	127 PINK CAMPBELL RD	LANDRUM	29356-961 SC		-82.2701	35.19479
	Charlotte	Exh. A	WBTV	7	80	7753	HUMPHRIES	FLOYD	3702 SHATTERCREST DR	CONCORD	28027-000 NC		-80.6434	35.40996
	Charlotte	Exh. A	WBTV	7	81	7866	MARTIN	DANIEL	203 VINEWOOD CT	SIMPSONVILLE	29680-360 SC		-82.2706	34.71555
	Charlotte	Exh. A	WBTV	7	82	7979	BECKHAM	EDDIE	3487 FINCH FARM RD	TRINITY	27370-883 NC		-80.0121	35.81983
	Charlotte	Exh. A	WBTV	7	83	8092	MCKINNEY	KAREN	228 FINK AVE NW	CONCORD	28025-460 NC		-80.5959	35.41212
	Charlotte	Exh. A	WBTV	7	84	8205	MILLS	LINDA	780 WITHROW RD	SPINDLE	28160-000 NC		-81.9253	35.35698
	Charlotte	Exh. A	WBTV	7	85	8318	JARRELL	DAVID	3500 BROWN MTN BEACH R	MORGANTON	28655-975 NC		-81.7575	35.87517
	Charlotte	Exh. A	WBTV	7	86	8431	YOUNG	LARRY	5241 ROY BALLARD ST	DENVER	28037-871 NC		-81.0398	35.56197
	Charlotte	Exh. A	WBTV	7	87	8544	HAMPTON	GARY	46 MOUNTAIN VIEW CHURCH	HENDERSONVILLE	28790 NC		-82.4641	35.30108
	Charlotte	Exh. A	WBTV	7	90	8770	DURHAM	WILLIAM	145 CHRIST ROCK CAMP RD	LANDRUM	29356 SC		-82.3431	35.12359
	Charlotte	Exh. A	WBTV	7	91	8883	BEASLEY	JIMMY	155 OPAL DR RURAL	HALL	27045 NC		-80.2863	36.21435
	Charlotte	Exh. A	WBTV	7	92	8996	HORWITZ	JAMES	331 THOMAS RD	HENDERSONVILLE	28739 NC		-82.5046	35.26315
	Charlotte	Exh. A	WBTV	7	93	9109	COWAN	MARTHA	414 MERRITT AV	SALISBURY	28144-253 NC		-80.4858	35.68228
	Charlotte	Exh. A	WBTV	7	94	9222	KLAKULAK	STAN	2326 OBERWOOD DR	CHARLOTTE	28270 NC		-80.7748	35.12575
	Charlotte	Exh. A	WBTV	7	95	9335	MYERS	KERMIT	280 FOX CHASE DR	LEXINGTON	27295 NC		-80.2929	35.94426
	Charlotte	Exh. A	WBTV	7	96	9448	CRIGLER	WALTER	11617 RICELAND WAY	MIDLAND	28107 NC		-80.516	35.25636
	Charlotte	Exh. A	WBTV	7	97	9561	Fox	Leroy	15 WEB PL	FLETCHER	28732 NC		-82.5584	35.40952
	Charlotte	Exh. A	WBTV	7	98	9674	Wilson	Sharon	6997 PALAFOX DR	CONCORD	28025 NC		-80.523	35.32023
	Charlotte	Exh. A	WBTV	7	100	9787	BENSON	JOE	1055 CHILDERS RD	CLEVELAND	27013 NC		-80.7513	35.66366
	Charlotte	Exh. A	WBTV	7	101	9900	RHODES	JOHN	2141 21ST AVE SE	HICKORY	28602 NC		-81.298	35.69727
	Charlotte	Exh. A	WBTV	7	1	10013	SCHULER	J.V.	1406 RATCHFORD DR	DALLAS	28034 NC		-81.1933	35.39966
	Charlotte	Exh. A	WBTV	7	2	10126	REYNOLDS	GERALD	1290 OLD NC_105	NEBO	28761 NC		-81.8815	35.64737
	Charlotte	Exh. A	WBTV	7	3	10239	MEDLIN	MIKE	1370 BECKNER RD	LEXINGTON	27292 NC		-80.2564	35.80896
	Charlotte	Exh. A	WBTV	7	4	10352	JOHNSON	ROBBIE	8 MCBEE AVE_W	GREENVILLE	29601 SC		-82.4008	34.84959
	Charlotte	Exh. A	WBTV	7	5	10465	ROBBINS	DONALD	1045 STEEL_BRIDGE RD	MOORESBORO	28114 NC		-81.7274	35.23957
	Charlotte	Exh. A	WBTV	7	6	10578	REEVES	JOHN & TER	710 DAVES RD	YORK	29745 SC		-81.1896	34.90419
	Charlotte	Exh. A	WBTV	7	7	10691	SHUMATE	JEFF	213 SEVENS_OAKS DR.	MONROE	28110 NC		-80.5997	34.98875
	Charlotte	Exh. A	WBTV	7	8	10804	NOLEN	PETRINA	428 CHERRYWOOD LN	CHARLOTTE	28217 NC		-80.8966	35.13512
	Charlotte	Exh. A	WBTV	7	10	10917	CHAPPELL	MARK	3992 MOUNT PLEASANT	POMARIA	29126 SC		-81.4705	34.39296
	Charlotte	Exh. A	WBTV	7	11	11030	Howard	Bruce	246 LYNWOOD DR	LANCASTER	29720 SC		-80.7629	34.69957
	Charlotte	Exh. A	WBTV	7	12	11143	GONDA	MARK	2318 OBERWOOD DR	CHARLOTTE	28270 NC		-80.7748	35.12575
	Charlotte	Exh. A	WBTV	7	13	11256	Berringer	Curtis	225 STONE RD	SALISBURY	28146 NC		-80.4607	35.58576
	Charlotte	Exh. A	WBTV	7	14	11369	LANE	DAVID	2004 TRAVIS RD	CONOVER	28613 NC		-81.1803	35.76347
	Charlotte	Exh. A	WBTV	7	15	11482	HOLTON	BRYAN	7202 ENGLISH IVY_LN	CHARLOTTE	28227 NC		-80.6924	35.18606
	Charlotte	Exh. A	WBTV	7	16	11595	STAMEY	NELLIE	117 SADOR ST	CHERRYVILLE	28021 NC		-81.4034	35.35447
	Charlotte	Exh. A	WBTV	7	17	11708	LONG	BRANDON	1019 CARRIAGE ST	NEWTON	28658 NC		-81.2222	35.60767
	Charlotte	Exh. A	WBTV	7	18	11821	HAWRYLUK	FRED	6836 MORRISON BLVD	CHARLOTTE	28211 NC		-80.8289	35.15335
		Exh. A	WCTI	8	1	12804	WILLIAMS	HERBERT	RR 1 BOX 284	ENFIELD	27823-971 NC		-77.7154	36.2012
	High Point	Exh. A	WFMY	9	1	3685	JORDAN	JOHN	135 ASBILL AVE	HIGH POINT	27265-190 NC		-80.0391	36.0015
	High Point	Exh. A	WFMY	9	2	8883	BEASLEY	JIMMY	155 OPAL DR	RURAL HALL	27045 NC		-80.2863	36.21435
	MIAMI	Exh. A	WFOR	10	83	7	AHERN	WILLIAM	9793 NW 45TH ST	SUNRISE	33351 FL		-80.2801	26.18006
	MIAMI	Exh. A	WFOR	10	7	15	AMBROSU	CAROL	1194 N STATE ROAD 7	CITY OF SUNRISE	33313 FL		-80.2025	26.13949
	MIAMI	Exh. A	WFOR	10	18	23	ANTOINE	OSETTE	11959 SW 75TH ST	MIAMI	33183 FL		-80.3992	25.697
	MIAMI	Exh. A	WFOR	10	29	31	ARNET	STUART	11363 SW 117TH CT	MIAMI	33186 FL		-80.3841	25.66105
	MIAMI	Exh. A	WFOR	10	40	39	BAIN	WARREN	2940 NW 18TH AVE	MIAMI	33142 FL		-80.226	25.80341
	MIAMI	Exh. A	WFOR	10	51	47	BARR	LILLY	3247 OAK AVE	MIAMI	33133 FL		-80.2553	25.72956
	MIAMI	Exh. A	WFOR	10	62	55	BECKER	BILL	2000 TOWERSIDE TER # 2	MIAMI SHORES	33138 FL		-80.1708	25.87246
	MIAMI	Exh. A	WFOR	10	73	63	BERK	STUART	6731 NW 61ST AVE	CORAL SPRINGS	33067 FL		-80.2331	26.3105
	MIAMI	Exh. A	WFOR	10	85	71	BIANCHINI	THOMAS	11162 LAKEVIEW DR POMPANO	BEACH	33071 FL		-80.2757	26.24984
	MIAMI	Exh. A	WFOR	10	96	79	BLUE	MARY	15880 NW 37TH CT	OPA LOCKA	33054 FL		-80.2612	25.91864
	MIAMI	Exh. A	WFOR	10	99	87	BRADSHAW	GORDON	2118 TYLER ST	HOLLYWOOD	33020 FL		-80.1698	26.01166
	MIAMI	Exh. A	WFOR	10	100	95	BROWN	DAWN	6741 SW 105TH PL	MIAMI	33173 FL		-80.3642	25.6996
	MIAMI	Exh. A	WFOR	10	1	103	BURGER	NICHOLAS	2736 N ANDREWS AVE	FORT LAUDERDALE	33311 FL		-80.1462	26.16162
	MIAMI	Exh. A	WFOR	10	2	111	CAMPBELL	MARVA	1595 NE 135TH ST	NORTH MIAMI	33161 FL		-80.169	25.90005
	MIAMI	Exh. A	WFOR	10	3	119	CASE	RICK	875N N STATE ROAD 7	PLANTATION	33317 FL		-80.2026	26.13512
	MIAMI	Exh. A	WFOR	10	4	127	CHILDS	EDGAR	26560 SW 127TH AVE	PRINCETON	33032 FL		-80.3965	25.52064
	MIAMI	Exh. A	WFOR	10	5	135	CLEARE	WAYNE	1821 SW 36TH AVE #1	FORT LAUDERDALE	33312 FL		-80.1942	26.09797
	MIAMI	Exh. A	WFOR	10	6	143	COOPER	EDDIE	700 SW 34TH ST	FORT LAUDERDALE	33315 FL		-80.15	26.08126

MIAMI	Exh. A	WFOR	10	8	151	COULSON	SHERRY	2442 NE 26TH ST	LIGHTHOUSE POIN	33064 FL	-80.0906	26.26326
MIAMI	Exh. A	WFOR	10	9	159	CROSBY	WAYNE	5557 W OAKLAND PARK B	CITY OF SUNRISE	33313 FL	-80.2225	26.16477
MIAMI	Exh. A	WFOR	10	10	167	DADLINI	LACHMAN	1529 PALERMO AVE CORAL	GABLES	33134 FL	-80.2853	25.74391
MIAMI	Exh. A	WFOR	10	11	175	DAVE	KNOX	5523 NW 21ST AVE	MIAMI	33142 FL	-80.2306	25.82549
MIAMI	Exh. A	WFOR	10	12	183	DAWN	WATSON	14435 SW 158TH ST	QUAIL HEIGHTS	33177 FL	-80.4239	25.6185
MIAMI	Exh. A	WFOR	10	13	191	DELGADO	ADELINA	2476 W 70TH PL	HIALEAH GARDENS	33016 FL	-80.3335	25.88576
MIAMI	Exh. A	WFOR	10	14	199	DEROCK	ROBERT	6032 PIERCE ST	HOLLYWOOD	33024 FL	-80.2086	26.01506
MIAMI	Exh. A	WFOR	10	15	207	DIAZ	PILAR	4567 POST AVE	MIAMI	33140 FL	-80.1284	25.81992
MIAMI	Exh. A	WFOR	10	16	215	DOOHAN	ROBERT	560 NW 38TH ST	FORT LAUDERDALE	33309 FL	-80.1509	26.17351
MIAMI	Exh. A	WFOR	10	17	223	EBNER	HERB	2805 E OAKLAND PARK BL	FORT LAUDERDALE	33306 FL	-80.1089	26.16735
MIAMI	Exh. A	WFOR	10	19	231	ELLIOT	LEE	15921 SW 104TH CT	PERRINE	33157 FL	-80.3622	25.62122
MIAMI	Exh. A	WFOR	10	20	239	ESPANA	RON	4631 NE 3RD AVE	FORT LAUDERDALE	33334 FL	-80.1429	26.18407
MIAMI	Exh. A	WFOR	10	21	247	FALKENBERG	ERIC	11376 SW 73RD TER	MIAMI	33173 FL	-80.3776	25.6992
MIAMI	Exh. A	WFOR	10	22	255	FERGUSON	GEOFFREY	479 NE 210TH CIRCLE TER	T MIAMI	33179 FL	-80.1936	25.9676
MIAMI	Exh. A	WFOR	10	23	263	FLOWERS	OSCAR	2940 W MISSION WOOD CR	Pembroke Pines	33025 FL	-80.2717	25.9905
MIAMI	Exh. A	WFOR	10	24	271	FRISCH	JOCEPHA	480 NW 94TH TER #1A	PLANTATION	33324 FL	-80.2747	26.12349
MIAMI	Exh. A	WFOR	10	25	279	GAMIO	JOSE	5100 SW 130TH AVE	FORT LAUDERDALE	33330 FL	-80.3214	26.05355
MIAMI	Exh. A	WFOR	10	26	287	GASTON	PETER	1891 NW 162ND AVE	PEMBROKE PINES	33028 FL	-80.3286	26.0254
MIAMI	Exh. A	WFOR	10	27	295	GILBERT	TERRANCE	11921 NE 12TH AVE # 256	NORTH MIAMI	33161 FL	-80.1742	25.88531
MIAMI	Exh. A	WFOR	10	28	303	GOLDSTEIN	BRIAN	2123 N 32ND CT	HOLLYWOOD	33021 FL	-80.1744	26.02839
MIAMI	Exh. A	WFOR	10	30	311	GRANT	NEKO	2520 NW 36TH ST	MIAMI	33142 FL	-80.2386	25.80895
MIAMI	Exh. A	WFOR	10	31	319	GROUP	STELLAR	5574 NW 79TH AVE	MIAMI	33166 FL	-80.3261	25.82443
MIAMI	Exh. A	WFOR	10	32	327	GUZMAN	GEORGE	3000 RIOMAR ST APT 306	OAKLAND PARK	33304 FL	-80.106	26.12866
MIAMI	Exh. A	WFOR	10	33	335	HARDING	BILL	2414 GLORIA LN	HALLANDALE	33009 FL	-80.1689	25.99016
MIAMI	Exh. A	WFOR	10	34	343	HERNANDEZ	JOSEFA	2803 CORAL WAY	CORAL GABLES	33145 FL	-80.2395	25.75034
MIAMI	Exh. A	WFOR	10	35	351	HIRACHE	MOHAMED	4561 POWERLINE RD # 135	FORT LAUDERDALE	33309 FL	-80.1559	26.20336
MIAMI	Exh. A	WFOR	10	36	359	HOUCK	STEVE	16060 LA COSTA DR	DAVIE	33326 FL	-80.3748	26.113
MIAMI	Exh. A	WFOR	10	37	367	INFANTE	FRANK	780 NE 69TH ST APT 1109	MIAMI SHORES	33138 FL	-80.1811	25.83847
MIAMI	Exh. A	WFOR	10	38	375	JACQUEMIN	CLAUDE	11047 SW 138TH PL	MIAMI	33186 FL	-80.4187	25.66543
MIAMI	Exh. A	WFOR	10	39	383	JILLIAS	JOSEPH	1145 NW 58TH AVE	CITY OF SUNRISE	33313 FL	-80.2263	26.13823
MIAMI	Exh. A	WFOR	10	41	391	JOHNSON	LLOYD	1232 NW 55TH ST	MIAMI	33142 FL	-80.2168	25.8252
MIAMI	Exh. A	WFOR	10	42	399	JONES	JEREMY	4944 S LE JEUNE RD	RD MIAMI	33146 FL	-80.2619	25.72528
MIAMI	Exh. A	WFOR	10	43	407	KAPLAN	MARSHALL	17821 SW 84TH AVE	PERRINE	33157 FL	-80.3287	25.60439
MIAMI	Exh. A	WFOR	10	44	415	KENNEDY	MACDONALD	5600 NE 6TH AVE	MIAMI	33137 FL	-80.183	25.82776
MIAMI	Exh. A	WFOR	10	45	423	KOLLIAS	JOHN	5281 NE 19TH AVE	LIGHTHOUSE POIN	33064 FL	-80.0985	26.29591
MIAMI	Exh. A	WFOR	10	46	431	LANE	BRENDA	2277 NW 81ST TER	MIAMI	33147 FL	-80.2353	25.84896
MIAMI	Exh. A	WFOR	10	47	439	LAWSON	DARRELL	535 NW 48TH ST	MIAMI	33127 FL	-80.2043	25.81984
MIAMI	Exh. A	WFOR	10	48	447	LEROY	WHORMS	12975 NW 16TH AVE	MIAMI	33167 FL	-80.2251	25.89271
MIAMI	Exh. A	WFOR	10	49	455	LICHTER	NATHAN	2125 NE 198TH TER	MIAMI	33179 FL	-80.1595	25.95809
MIAMI	Exh. A	WFOR	10	50	463	LOPEZ	TEDORA	1855 NE 121ST ST APT 16	1 MIAMI	33181 FL	-80.161	25.88769
MIAMI	Exh. A	WFOR	10	52	471	MAJOR	EDDIE	456 NW 9TH AVE	OAKLAND PARK	33311 FL	-80.1533	26.12665
MIAMI	Exh. A	WFOR	10	53	479	MARTINEZ	SANTIAGO	14337 SW 51ST ST	OLYMPIA HEIGHTS	33175 FL	-80.4234	25.7172
MIAMI	Exh. A	WFOR	10	54	487	MAYRA	CARDENAS	4020 BUCHANAN ST	HOLLYWOOD	33021 FL	-80.1844	26.01616
MIAMI	Exh. A	WFOR	10	55	495	MCMORICK	PETER	1645 NE 175TH ST	MIAMI	33162 FL	-80.1677	25.93684
MIAMI	Exh. A	WFOR	10	56	503	METH	PHILLIP	1001 HILLCREST CT	HOLLYWOOD	33021 FL	-80.1932	26.00148
MIAMI	Exh. A	WFOR	10	57	511	MIRO	JOSE	2736 N ANDREWS AVE # 1	FORT LAUDERDALE	33311 FL	-80.1462	26.16162
MIAMI	Exh. A	WFOR	10	58	519	MIYASHIRO	PAUL	3204 NE 7TH PL APT 1	POMPANO BEACH	33062 FL	-80.0904	26.24317
MIAMI	Exh. A	WFOR	10	59	527	MORLEY	FRANK	6995 NW 21ST AVE	MIAMI	33147 FL	-80.2312	25.83852
MIAMI	Exh. A	WFOR	10	60	535	MURRAY	ANN	2370 POINSETTA CT PEMBROKE	PINES	33026 FL	-80.2943	26.02911
MIAMI	Exh. A	WFOR	10	61	543	NESBITT	LEOLA	944 NW 49TH ST	MIAMI	33127 FL	-80.2112	25.82009
MIAMI	Exh. A	WFOR	10	63	551	NOVOA	DAVID	1994 SW 142ND AVE	OLYMPIA HEIGHTS	33175 FL	-80.4278	25.74851
MIAMI	Exh. A	WFOR	10	64	559	OFENGA	ELDRIDGE	2540 SW 76TH AVE	MIAMI	33155 FL	-80.3191	25.74612
MIAMI	Exh. A	WFOR	10	65	567	PALAZZOTTO	DANIEL	1971 LYONS RD APT 105	105 MARGATE	33063 FL	-80.1862	26.2529
MIAMI	Exh. A	WFOR	10	66	575	PAVON	TIRZA	11930 SW 187TH ST	QUAIL HEIGHTS	33177 FL	-80.3854	25.59386
MIAMI	Exh. A	WFOR	10	67	583	PEREZ	ALEX	13971 SW 25TH ST	OLYMPIA HEIGHTS	33175 FL	-80.4145	25.7432
MIAMI	Exh. A	WFOR	10	68	591	PHILLIPS	MARIA	10781 LAGO WELLEBY D	SUNRISE	33351 FL	-80.2916	26.16801
MIAMI	Exh. A	WFOR	10	69	599	PORTAL	LEO	20941 SW 122ND PL	QUAIL HEIGHTS	33177 FL	-80.3894	25.57243
MIAMI	Exh. A	WFOR	10	70	607	QUINTANAL	ROBERTO	7280 W MCNAB RD # 20220	MARGATE	33068 FL	-80.2487	26.20846
MIAMI	Exh. A	WFOR	10	71	615	REAGIN	MOSES	3261 NW 51ST TER	MIAMI	33142 FL	-80.2502	25.82158
MIAMI	Exh. A	WFOR	10	72	623	RICHARD	MCGHIE	4025 NE 15TH AVE APT E2	POMPANO BEACH	33064 FL	-80.1039	26.29416
MIAMI	Exh. A	WFOR	10	74	631	ROBERTSON	ALLAN	13205 CORONADO TER	MIAMI	33181 FL	-80.157	25.89752
MIAMI	Exh. A	WFOR	10	75	639	ROLLE	SHORNAE	2930 NW 175TH ST	CAROL CITY	33056 FL	-80.25	25.93316
MIAMI	Exh. A	WFOR	10	76	647	ROURA	MICHAEL	13613 SW 179TH ST	QUAIL HEIGHTS	33177 FL	-80.4124	25.5844
MIAMI	Exh. A	WFOR	10	77	655	SALAVERIN	MARICIO	2333 BRICKELL AVE APT 1	MIAMI	33129 FL	-80.2014	25.75173
MIAMI	Exh. A	WFOR	10	78	663	SATELLITE	SKY BLUE	11222 SW 100TH AVE	MIAMI	33176 FL	-80.3574	25.66465
MIAMI	Exh. A	WFOR	10	79	671	SCHMIDT	PHILIP	631 SW 66TH TER	PEMBROKE PINES	33023 FL	-80.2254	26.00545
MIAMI	Exh. A	WFOR	10	80	679	SEPLER	RICHARD	4203 MONSERRATE ST	MIAMI	33146 FL	-80.2692	25.73267
MIAMI	Exh. A	WFOR	10	81	687	SHERMAN	LAURA	2443 SW 42ND TER	PLANTATION	33317 FL	-80.2065	26.09059
MIAMI	Exh. A	WFOR	10	82	695	SIMMONS	SUSAN	1852 NW 43RD ST	MIAMI	33142 FL	-80.2273	25.81441
MIAMI	Exh. A	WFOR	10	84	703	SMITH	MARSHA	2941 NW 211TH ST	CAROL CITY	33056 FL	-80.2513	25.96714
MIAMI	Exh. A	WFOR	10	86	711	SOWYER	ARIAN	4561 POWERLINE RD # 20	FORT LAUDERDALE	33309 FL	-80.1559	26.20336
MIAMI	Exh. A	WFOR	10	87	719	STEIN	CARLOS	2805 E OAKLAND PARK BL	OAKLAND PARK	33306 FL	-80.1089	26.16735
MIAMI	Exh. A	WFOR	10	88	727	STUBBS	FELIX	10659 NE 10TH CT	MIAMI SHORES	33138 FL	-80.1769	25.87308
MIAMI	Exh. A	WFOR	10	89	735	TASSY	PHILIP	2130 SW 67TH WAY	HOLLYWOOD	33023 FL	-80.222	25.99067
MIAMI	Exh. A	WFOR	10	90	743	THIJN	YVETTE	6836 SW 16TH CT	SOUTH FLORIDA	33023 FL	-80.2259	25.99566
MIAMI	Exh. A	WFOR	10	91	751	THRALL	EDWARD	2790 SW 139TH AVE	DAVIE	33330 FL	-80.3341	26.08343
MIAMI	Exh. A	WFOR	10	92	759	VALDES	RICARDO	18010 NW 79TH AVE	HIALEAH	33015 FL	-80.3294	25.93652
MIAMI	Exh. A	WFOR	10	93	767	VILLAVICENICO	GONZAL	4631 SW 33RD AVE	FORT LAUDERDALE	33312 FL	-80.1878	26.06419
MIAMI	Exh. A	WFOR	10	94	775	WASHINGTON	JACQUEL	3410 NW 195TH TER	CAROL CITY	33056 FL	-80.2584	25.95111
MIAMI	Exh. A	WFOR	10	95	783	WIGGINS	LINESSA	17802 SW 107TH AVE APT	AP PERRINE	33157 FL	-80.3649	25.60345
MIAMI	Exh. A	WFOR	10	97	791	WINDER	LARRY	2805 E OAKLAND PARK BL	FORT LAUDERDALE	33306 FL	-80.1089	26.16735
MIAMI	Exh. A	WFOR	10	98	799	YVONNE	HAMILTON	9801 SW 73RD AVE	MIAMI	33156 FL	-80.313	25.67926
	Exh. A	WHP	11	1	81	ALDINGER	STACEY	55B GABLERS RD	ASPERS	17304 PA	-77.2346	39.98596
	Exh. A	WHP	11	2	1956	DURST	THOMAS	90 FINKS DR	MANCHESTE	17345 PA	-76.7371	40.07996
	Exh. A	WHP	11	3	3531	JOHNSON	MOZELLE	619 LINCOLTIN ST	YORK	17404 PA	-76.7442	39.96047
	Exh. A	WHP	11	4	4281	LUCCA	DAVID	1975 PICKERING T	LANCASTER	17601 PA	-76.269	40.0799
	Exh. A	WHP	11	5	4806	MILLER	THOMAS	204 MAIN STREET	YORK SPRIN	17372 PA	-77.1116	40.00529
	Exh. A	WHP	11	6	6156	SAUNDERS	BARRY	20 CHARLES RD	LANCASTER	17603 PA	-76.3277	40.02615
	Exh. A	WHP	11	7	6381	SHELLENBERGER	LORR	443 FREMONT ST	LANCASTER	17603 PA	-76.3097	40.03389
	Exh. A	WHP	11	8	7206	UNDERWOOD	KIMBERLY	1055 CASSEL RD	MANCHESTE	17345 PA	-76.7244	40.08738
Baltimore	Exh. A	WJZ	12	1	6	&	JAMES	780 LANCERS TRL	CROWNSVILLE	21032 MD	-76.5988	39.03579
Baltimore	Exh. A	WJZ	12	2	81	ALDINGER	STACEY	55B GABLERS RD	ASPERS	17304 PA	-77.2346	39.98596
Baltimore	Exh. A	WJZ	12	3	156	ANDERSON	GLENN	1230 ALGONQUIN RD	CROWNSVILLE	21032 MD	-76.5809	39.01931
Baltimore	Exh. A	WJZ	12	4	231	ATKINS	ROLAND	6888 TRAVELERS REST C	EASTON	21601 MD	-76.0821	38.78158
Baltimore	Exh. A	WJZ	12	5	306	BAKER	GREG/SHERR	404 W BEECH RD	STERLING	20164 VA	-77.406	39.00639
Baltimore	Exh. A	WJZ	12	6	381	BARNES	EDNA	3604 GLENGYLE AVE	BALTIMORE	21215 MD	-76.7066	39.36716
Baltimore	Exh. A	WJZ	12	7	456	BEARD	CLARENCE	205 GREENLAND BEACH	BALTIMORE	21226 MD	-76.5317	39.16642
Baltimore	Exh. A	WJZ	12	8	531	BENSEL	RICHARD	950 W SPRING VALLEY R	WELLSVILLE	17365 PA	-76.9888	40.05884
Baltimore	Exh. A	WJZ	12	9	606	BLAIR	STEVE	4200 WISCONSIN AVE	NW WASHINGTON	20016 DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	10	681	BOWERS	FRANK	9224 SANDERPARK RD.	PERRY HALL	21128 MD	-76.4603	39.40251
Baltimore	Exh. A	WJZ	12	11	756	BREMER	DAWN	23 S PETERS CREEK RD	PEACH BOTTOM	17563 PA	-76.2284	39.76027
Baltimore	Exh. A	WJZ	12	12	831	BROWN	JOHN	377 THOMAS LANDING R	MIDDLETOWN	19709 DE	-75.6234	39.447
Baltimore	Exh. A	WJZ	12	13	906	BUNNY'S	SHOWROOM	17 MAIN ST W	NEW FREEDOM	17349 PA	-76.683	39.7438
Baltimore	Exh. A	WJZ	12	14	981	BYRD	MALINDA	716 CATOCTIN CIR NE	LEESBURG	20176 VA	-77.5528	39.11519
Baltimore	Exh. A	WJZ	12	15	1056	CAPRARO	ENRICO	2207 OBSERVATORY PL	WASHINGTON	20007 DC	-77.0742	38.91922
Baltimore	Exh. A	WJZ	12	16	1131	CASULLO	LORENZO	9614 INVERARY CT	LORTON	22079 VA	-77.2195	38.70123
Baltimore	Exh. A	WJZ	12	17	1206	CHRISTIAN	BETTY	11606 HANDBOARD RD	UNION BRIDGE	21791 MD	-77.2268	39.55157
Baltimore	Exh. A	WJZ	12	18	1281	CLINE	KEVIN	1639 BARLOW TWO TAV	GETTYSBURG	17325 PA	-77.1728	39.77444
Baltimore	Exh. A	WJZ	12	19	1356	COMER	EMORY	15510 HUGHES RD	POOLESVILLE	20837 MD	-77.4082	39.0876
Baltimore	Exh. A	WJZ	12	20	1431	COSTANZA	DAVID	21074 HAWTHORNE CT	STERLING	20164 VA	-77.3846	39.00914
Baltimore	Exh. A	WJZ	12	21	1506	CROXFORD	KOLBY	2905 MADISON PL	FALLS CHURCH	22042 VA	-77.1761	38.87325
Baltimore	Exh. A	WJZ	12	22	1581	DARBY	R	6125 TUCKERMAN LN	ROCKVILLE	20852 MD	-77.1252	39.03484
Baltimore	Exh. A	WJZ	12	23	1656	DAY	THOMAS	11028 WOOD ELVES WAY	COLUMBIA	21044 MD	-76.8962	39.22564
Baltimore	Exh. A	WJZ	12	24	1731	DETWILER	PAUL	3129 ADAMS MILL RD NW	WASHINGTON	20010 DC	-77.0449	38.92983
Baltimore	Exh. A	WJZ	12	25	1806	DIXON	TIMOTHY	7105 BECKSHILL RD	BALTIMORE	21244 MD	-76.7488	39.3398
Baltimore	Exh. A	WJZ	12	26	1881	DOWNEY	TIMOTHY&TH	4604 WILWYN WAY	ROCKVILLE	20852 MD	-77.0919	39.04285
Baltimore	Exh. A	WJZ	12	28	2031	Elbon	Janet	1714 Burnham Rd	Baltimore	21222 MD	-76.4648	39.2605
Baltimore	Exh. A	WJZ	12	29	2106	EVANS	JAMES	109 FOLLIN LN SE	VIENNA	22180 VA	-77.2548	38.91
Baltimore	Exh. A	WJZ	12	30	2181	FERGUSON	ROBERT	2660 DAKOTA ST BRYANS	ROAD	20616 MD	-77.0845	38.63078
Baltimore	Exh. A	WJZ	12	31	2256	FOLKES,	CHRISTOPHE	1515 NOVEMBER CIR SILVER	SPRING	20904 MD	-76.9806	39.04482
Baltimore	Exh. A	WJZ	12	32	2331	FRENCH	GREGG	56 GARNER AVE	WALDORF	20602 MD	-76.928	38.59968
Baltimore	Exh. A	WJZ	12	33	2406	GARCIA	RAUL	27650 WAKEFIELD LN	EASTON	21601 MD	-76.0821	38.78158
Baltimore	Exh. A	WJZ	12	34	2481	GERNER	GREG	4714 RESERVOIR RD NW	WASHINGTON	20007 DC	-77.0906	38.91379
Baltimore	Exh. A	WJZ	12	35	2556	Glock	Peggy	8 WAGNERS LN	BALTIMORE	21221 MD	-76.4858	39.30376
Baltimore	Exh. A	WJZ	12	36	2631	GRADWELL	PATTE	2540 LANDER RD APT	C JEFFERSON	21755 MD	-77.5462	39.30252
Baltimore	Exh. A	WJZ	12	37	2706	GRIENINGER	EDWARD	247 JOHNSTOWN RD	ELKTON	21921 MD	-75.8439	39.65062
Baltimore	Exh. A	WJZ	12	38	2781	HADEN	WILLIAM	14V LAUREL HILL RD	GREENBELT	20770 MD	-76.8757	39.0109
Baltimore	Exh. A	WJZ	12	39	2856	Hanshaw	Larry	2051 PILGRIM DR	WOODBRIDGE	22192 VA	-77.275	38.68181
Baltimore	Exh. A	WJZ	12	40	2931	HARVEY	TODD	9021 COPPERLEAF LN	FAIRFAX STATIO	22039 VA	-77.254	38.72997
Baltimore	Exh. A	WJZ	12	41	3006	HELMS	DONALD	61 SLAMA RD	EDGEWATER	21037 MD	-76.555	38.94523

Baltimore	Exh. A	WJZ	12	42	3081	HICKEY	MAURICE	29292 DOGWOOD VIEW	CORDOVA	21625	MD	-76.0593	38.89449
Baltimore	Exh. A	WJZ	12	43	3156	HOFFMAN	HARVEY	1 WESTSPRING WAY	LUTHERVILLE	21093	MD	-76.7052	39.43463
Baltimore	Exh. A	WJZ	12	44	3231	HOSTETTER	RALPH	404 E THOMAS AVE # B	NORTH EAST	21901	MD	-75.9346	39.5956
Baltimore	Exh. A	WJZ	12	45	3306	HUNTER	JAMES	4200 WISCONSIN AVE NW	WASHINGTON	20016	DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	46	3381	JACKSON	HOWARD	6217 GENTLE LN	ALEXANDRIA	22310	VA	-77.087	38.78285
Baltimore	Exh. A	WJZ	12	47	3456	JENKINS	GARY	622 TAMPA RD	BALTIMORE	21221	MD	-76.4427	39.28536
Baltimore	Exh. A	WJZ	12	48	3531	JOHNSON	MOZELLE	619 LINCOLN ST	YORK	17404	PA	-76.7462	39.96047
Baltimore	Exh. A	WJZ	12	49	3606	JONES	WILLIE	21 MISSISSIPPI AVE SE	WASHINGTON	20032	DC	-77.007	38.8321
Baltimore	Exh. A	WJZ	12	50	3681	KATZ,	HAROLD	3308 BONNIE RD	BALTIMORE	21208	MD	-76.7038	39.36993
Baltimore	Exh. A	WJZ	12	51	3756	KENNEDY	TOM	828 CRANBERRY RD	ASPERS	17304	PA	-77.17	39.97883
Baltimore	Exh. A	WJZ	12	52	3831	Kinghorn	Morgan	1911 RHODE ISLAND AVE	MC LEAN	22101	VA	-77.1536	38.9145
Baltimore	Exh. A	WJZ	12	53	3906	Konizer	Stephen	177 Good Hope Rd.	Landenberg	19350	PA	-75.782	39.7629
Baltimore	Exh. A	WJZ	12	54	3981	LABELL	JOHN PAUL	672 OLD MILL RD BLDG 3	MILLERSVILLE	21108	MD	-76.6327	39.11754
Baltimore	Exh. A	WJZ	12	55	4056	LAUGHLIN	JAMES	120 MAGNOLIA RD	STERLING	20164	VA	-77.4224	39.00336
Baltimore	Exh. A	WJZ	12	56	4131	LENTZ	ALLEN	121 E WEST ST	BALTIMORE	21230	MD	-76.6109	39.27593
Baltimore	Exh. A	WJZ	12	57	4206	LIVINGSTON	RANDAL	192 IRENE AVE	PASADENA	21122	MD	-76.5722	39.11359
Baltimore	Exh. A	WJZ	12	58	4281	LUCCA	DAVID	1975 PICKERING TRL	LANCASTER	17601	PA	-76.269	40.0799
Baltimore	Exh. A	WJZ	12	59	4356	MAHONEY	BRIAN	13600 BRITISH MANOR C	CENTREVILLE	20120	VA	-77.4169	38.8525
Baltimore	Exh. A	WJZ	12	60	4431	MARSH	WILLIAM	5007 WOODLAND WAY	ANNANDALE	22003	VA	-77.2497	38.81507
Baltimore	Exh. A	WJZ	12	61	4506	MAURER	RICHARD	14825 BLACK ANKLE RD	MOUNT AIRY	21771	MD	-77.1411	39.45373
Baltimore	Exh. A	WJZ	12	62	4581	MCCRARY	CURTIS	9907 CHASE HILL CT	VIENNA	22182	VA	-77.2893	38.95855
Baltimore	Exh. A	WJZ	12	63	4656	MCLEAN	ALPHONSE	S 7-672 OLD MILL RD APT	MILLERSVILLE	21108	MD	-76.6233	39.09589
Baltimore	Exh. A	WJZ	12	64	4731	MEYER	KENT	3310 DECATUR AVE	KENSINGTON	20895	MD	-77.0663	39.03431
Baltimore	Exh. A	WJZ	12	65	4806	MILLER	THOMAS	204 MAIN STREET	YORK SPRINGS	17372	PA	-77.1116	40.00529
Baltimore	Exh. A	WJZ	12	66	4881	MONTERO	RICARDO	205 BOOKHAM LN	GAITHERSBURG	20877	MD	-77.1769	39.14929
Baltimore	Exh. A	WJZ	12	67	4956	MOSEMAN	JOHN	6437 PRESTWICK DR	CLARKSVILLE	21029	MD	-76.9216	39.20409
Baltimore	Exh. A	WJZ	12	68	5031	MYERS	DAVID	11 HAMILTON DR	ABBOTTSTOWN	17301	PA	-76.999	39.90028
Baltimore	Exh. A	WJZ	12	69	5106	NEWELL	JOSEPH	21710 EVERLEA DR	PRESTON	21655	MD	-75.9565	38.73788
Baltimore	Exh. A	WJZ	12	70	5181	NURSE	MARGE	7529 GREENBELT RD550	GREENBELT	20770	MD	-76.8769	38.99959
Baltimore	Exh. A	WJZ	12	71	5256	O'THARROW	JOSEPH	3006 MARCANDO LN	MARLBORO	20772	MD	-76.7986	38.84376
Baltimore	Exh. A	WJZ	12	72	5331	PARKS	BONNIE	1014 HAIN RD	NEW FREEDOM	17349	PA	-76.683	39.7438
Baltimore	Exh. A	WJZ	12	73	5406	PEMBERTON	JAMES	4200 WISCONSIN AVE NW	WASHINGTON	20016	DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	74	5481	PICHE	ROLAND	4200 WISCONSIN AVE NW	WASHINGTON	20016	DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	75	5556	PORTER	MARYLAN	113 N CULVER ST	BALTIMORE	21229	MD	-76.6757	39.28785
Baltimore	Exh. A	WJZ	12	76	5631	PURNELL	DAVID	186 WHEATLEY FARM DR	CLAYTON	19938	DE	-75.6873	39.25659
Baltimore	Exh. A	WJZ	12	77	5706	RATH	DUANE	4200 WISCONSIN AVE NW	WASHINGTON	20016	DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	78	5781	REUTHER	KATHY	865 SWIFT RD	PASADENA	21122	MD	-76.5092	39.10149
Baltimore	Exh. A	WJZ	12	79	5856	RIPKEN	C	13301 DOVER RD	REISTERSTOWN	21136	MD	-76.7385	39.49147
Baltimore	Exh. A	WJZ	12	80	5931	RODRIGUEZ	ALBERTO	11945 GOYA DR	POTOMAC	20854	MD	-77.162	39.05497
Baltimore	Exh. A	WJZ	12	81	6006	ROWE	CYPRIAN	923 7TH ST NE	WASHINGTON	20002	DC	-76.9964	38.9019
Baltimore	Exh. A	WJZ	12	82	6081	SACKS	RAND	4903 EDGEMOOR LN 415	BETHESDA	20814	MD	-77.0977	38.98463
Baltimore	Exh. A	WJZ	12	83	6156	SAUNDERS	BARRY	20 CHARLES RD	LANCASTER	17603	PA	-76.3277	40.02615
Baltimore	Exh. A	WJZ	12	84	6231	SCHULTE	MIKE	11025 BRIARLYNN CT	FAIRFAX STATIO	22039	VA	-77.3249	38.73904
Baltimore	Exh. A	WJZ	12	85	6306	SELMAN	MICHAEL	9059 GOODS DAM RD	WAYNESBORO	17268	PA	-77.5742	39.72498
Baltimore	Exh. A	WJZ	12	86	6381	SHELLENBERGER	LOR	443 FREMONT ST	LANCASTER	17603	PA	-76.3097	40.03389
Baltimore	Exh. A	WJZ	12	87	6456	SIMMONS	JOHN	3622 16TH ST S	ARLINGTON	22204	VA	-77.0918	38.85517
Baltimore	Exh. A	WJZ	12	88	6531	SMITH	BRENT	7003 ELM AVE	ELKRIDGE	21227	MD	-76.7526	39.178
Baltimore	Exh. A	WJZ	12	89	6606	SMITH	ROBIN	11610 PRINCE ALBERT T	GERMANTOWN	20876	MD	-77.2262	39.19069
Baltimore	Exh. A	WJZ	12	91	6756	STEINDLER	MARK	5 FORK SPRING CT	BALDWIN	21013	MD	-76.4639	39.49074
Baltimore	Exh. A	WJZ	12	92	6831	STRONG	MIKE	4200 WISCONSIN AVE NW	WASHINGTON	20016	DC	-77.078	38.94309
Baltimore	Exh. A	WJZ	12	93	6906	SWAIN	BOB	5511 HESTON CT	SPRINGFIELD	22151	VA	-77.2324	38.80154
Baltimore	Exh. A	WJZ	12	94	6981	TAYLOR	FREDDY	12849 RICHLAND LN	CORDOVA	21625	MD	-75.998	38.87269
Baltimore	Exh. A	WJZ	12	95	7056	THOMPSON	RON	1576 RITCHIE RD	EDGEWATER	21037	MD	-76.4918	38.88661
Baltimore	Exh. A	WJZ	12	96	7131	TRAMMELL	DWAYNE	3499 FIRESTONE DR	IJAMSVILLE	21754	MD	-77.2877	39.3298
Baltimore	Exh. A	WJZ	12	97	7206	UNDERWOOD	KIMBER	1055 CASSEL RD	MANCHESTER	17345	PA	-76.7244	40.08738
Baltimore	Exh. A	WJZ	12	98	7281	VINSON	EDWARD	8412 STEVENSON RD	BALTIMORE	21208	MD	-76.7133	39.40188
Baltimore	Exh. A	WJZ	12	99	7356	WALSH	JAMES&TERE	3534 RUSSELL THOMAS	DAVIDSONVILLE	21035	MD	-76.619	38.89749
Baltimore	Exh. A	WJZ	12	100	7431	WATSON	BRIAN	4618A INDIAN HEAD HWY	INDIAN HEAD	20640	MD	-77.0972	38.61748
Baltimore	Exh. A	WJZ	12	101	7506	WELSCH	JOHN	12402 LIME KILN RD	FULTON	20759	MD	-76.9431	39.14854
Baltimore	Exh. A	WJZ	12	102	7581	WIKE	WANDA	7947 APPLES CHURCH R	THURMONT	21788	MD	-77.3931	39.62868
Baltimore	Exh. A	WJZ	12	103	7656	WILLIAMS	RICHARD	221 WHITMOOR TER SILVER	SPRING	20901	MD	-77.0041	39.027
Baltimore	Exh. A	WJZ	12	104	7731	WISE	JOHN	15 TIMBER LN	HANOVER	17331	PA	-76.9419	39.78605
Baltimore	Exh. A	WJZ	12	105	7806	WRIGHT	GARY	4417 WAKEFIELD CHAPE	ANNANDALE	22003	VA	-77.2395	38.82811
Baltimore	Exh. A	WJZ	12	106	7881	YUN	JOON	5237 KING CHARLES WA	BETHESDA	20814	MD	-77.105	39.02151
Pittsburgh	Exh. A	WPGH	13	1	10	ADAMS	BILL	515 LINCOLN AVE 48G53	BELLEVUE	15202-350	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	2	39	Ament	William	1186 Sugar Hollow Rd.	Apollo	15613	PA	-79.5416	40.5908
Pittsburgh	Exh. A	WPGH	13	3	68	ARMSTRONG	BILL	195 DUQUESNE AVE	DRAVOSBURG	15034	PA	-79.8844	40.35546
Pittsburgh	Exh. A	WPGH	13	4	97	BAKER	JOHN	5644 NORTHUMBERLAND	PITTSBURGH	15217	PA	-79.9266	40.44107
Pittsburgh	Exh. A	WPGH	13	5	126	BARTEK	CLIFFORD	1202 BILTMORE AVE	PITTSBURGH	15216-231	PA	-80.0384	40.38896
Pittsburgh	Exh. A	WPGH	13	6	155	Bell	Gerald	1058 Lynn Portal Rd.	Washington	15301	PA	-80.2959	40.21893
Pittsburgh	Exh. A	WPGH	13	7	184	BIANCHINI	JAMES	32 STOWE ST	PITTSBURGH	15205	PA	-80.0672	40.44759
Pittsburgh	Exh. A	WPGH	13	8	213	BODO	DAVID	7979 SATIN RD NE	MECHANICSTOWN	44651	OH	-80.9372	40.58724
Pittsburgh	Exh. A	WPGH	13	9	242	BOYER	DONALD	301 FROSTVIEW DR	WINTERSVILLE	43952-424	OH	-80.7279	40.36313
Pittsburgh	Exh. A	WPGH	13	10	271	BROWN	BETTY	50 GLEN RIDGE LN	CEDARHURST	15243	PA	-80.0689	40.38539
Pittsburgh	Exh. A	WPGH	13	11	300	BURCHFIELD	ALBERT	5 INDIAN HILL RD	PITTSBURGH	15238-222	PA	-79.88	40.52391
Pittsburgh	Exh. A	WPGH	13	12	329	CALDECOTT	ROBERT	414 S CRAIG ST	PITTSBURGH	15213-370	PA	-79.9487	40.44476
Pittsburgh	Exh. A	WPGH	13	13	358	Carroll	Paul	519 WABASH ST S	WHEELING	26003	WV	-80.7351	40.06648
Pittsburgh	Exh. A	WPGH	13	14	387	CHOBANY	JOHN	906 IDAHO ST	WASHINGTON	15301-170	PA	-80.256	40.18916
Pittsburgh	Exh. A	WPGH	13	15	416	CLEAVER	HAROLD	122 PROSPECT ST	BROWNSVILLE	15417-201	PA	-79.8886	40.02056
Pittsburgh	Exh. A	WPGH	13	16	445	COMMUNICATIONS	MO	3026 CONSTITUITION BLV	BEAVER FALLS	15010	PA	-80.3747	40.77304
Pittsburgh	Exh. A	WPGH	13	17	474	COSTA	PAUL & ROS	581 DORSEYVILLE	RD PITTSBURGH	15238	PA	-79.9135	40.53564
Pittsburgh	Exh. A	WPGH	13	18	503	CROSSMAN	DON	515 LINCOLN AVE48 F	17 BELLEVUE	15202	PA	-80.0688	40.50253
Pittsburgh	Exh. A	WPGH	13	19	532	D'ALESSANORO	JOHN	113 AMMONS DR	MCMURRAY	15317	PA	-80.0958	40.29507
Pittsburgh	Exh. A	WPGH	13	20	561	DE	PAUL	9358 PANNIER RD	PITTSBURGH	15237-556	PA	-80.0303	40.57657
Pittsburgh	Exh. A	WPGH	13	21	590	DETAR	GERALD P.	1329 POPLAR ST	GREENSBURG	15601	PA	-79.5456	40.27971
Pittsburgh	Exh. A	WPGH	13	22	619	DOMIK	BOB & JULI	515 LINCOLN AVE APT 4	PITTSBURGH	15202	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	23	648	DUMOUCHED	DENNIS	4556 WILLIAM PENN HWY	MURRYSVILLE	15668-200	PA	-79.6984	40.42723
Pittsburgh	Exh. A	WPGH	13	24	677	EDWARDS	KRISTINE	1297 CEDAR BLVD	PITTSBURGH	15228-101	PA	-80.0626	40.36347
Pittsburgh	Exh. A	WPGH	13	25	706	EWUSIAK	SCOTTY	1600 POTOMAC ST	WEIRTON	26062	WV	-80.5523	40.40113
Pittsburgh	Exh. A	WPGH	13	26	735	FERRENBERG	KERI	108 S CHESTNUT ST C	DERRY	15627-193	PA	-79.3005	40.33308
Pittsburgh	Exh. A	WPGH	13	27	764	FLESCH	JEFFREY	403 HARRISON ST	NEWELL	26050	WV	-80.6013	40.62053
Pittsburgh	Exh. A	WPGH	13	28	793	FRONZAGLIO	FREDRIC	102 CASTNER AVE	DONORA	15033	PA	-79.8629	40.17368
Pittsburgh	Exh. A	WPGH	13	29	822	GARRIS	KENNETH	618 CLAY AV	JEANNETTE	15644-341	PA	-79.6199	40.32781
Pittsburgh	Exh. A	WPGH	13	30	851	GILES	JACK CLYDE	214 TWO RIDGE RD	WINTERSVILLE	43953	OH	-80.73	40.38143
Pittsburgh	Exh. A	WPGH	13	31	880	GONSALVES	RICHARD	515 LINCOLN AVE 48O27	BELLEVUE	15202-350	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	32	909	GRILLO	VICKI	730 N 2ND ST	APOLLO	15613	PA	-79.5609	40.58491
Pittsburgh	Exh. A	WPGH	13	33	938	HALLER	JORDAN	1038 LOCUST LN	PITTSBURGH	15243	PA	-80.0637	40.37324
Pittsburgh	Exh. A	WPGH	13	34	967	HARRY	DANIEL	200 CRAMBLET ST.	BETHANY	26032	WV	-80.5554	40.2044
Pittsburgh	Exh. A	WPGH	13	35	996	HEMPHILL	KIM	360 STANFORD RD	PROSPECT	16052	PA	-80.1068	40.89494
Pittsburgh	Exh. A	WPGH	13	36	1025	HINSON	STEPHEN	419 DENNISTON AVE APT	PITTSBURGH	15206	PA	-79.92	40.45447
Pittsburgh	Exh. A	WPGH	13	37	1054	HORAN	MICHAEL	229 ELDERSVILLE RD	BURGETTSTOWN	15021-000	PA	-80.4761	40.35313
Pittsburgh	Exh. A	WPGH	13	38	1083	HUMPHREY	JOHN	5128 AMLETH DR	GIBSONIA	15044-841	PA	-79.9403	40.61088
Pittsburgh	Exh. A	WPGH	13	39	1112	JAKIEL	FRANK	260 DONNAN AVE	WASHINGTON	15301	PA	-80.2507	40.17577
Pittsburgh	Exh. A	WPGH	13	40	1170	KAUFFMAN	EDWUARD	2 WHEATFIELD DR	CRANBERRY TWP	16066-408	PA	-80.092	40.70256
Pittsburgh	Exh. A	WPGH	13	41	1199	KEOUGH	CLIFFORD/E	210 OVERDALE RD	PITTSBURGH	15221	PA	-79.856	40.4298
Pittsburgh	Exh. A	WPGH	13	42	1228	KLINE	CHARLES	795 WASHINGTON PIKE	WELLSBURG	26070-193	WV	-80.574	40.2744
Pittsburgh	Exh. A	WPGH	13	43	1257	KORNBLUTH	SEYMOU	144 N DITHRIDGE ST	APT PITTSBURGH	15213	PA	-79.9515	40.44808
Pittsburgh	Exh. A	WPGH	13	44	1286	LAFLANTE	JILL	515 LINCOLN AVE APT 4	48C BELLEVUE	15202	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	45	1315	LAZASZ	WILLIAM/RO	4603 SCIOTO DR	STEUBENVILLE	43952	OH	-80.6726	40.35757
Pittsburgh	Exh. A	WPGH	13	46	1344	LEWIS	GARY	150 MUNNTOWN RD	EIGHTY FOUR	15330-000	PA	-80.0729	40.23403
Pittsburgh	Exh. A	WPGH	13	47	1373	LONKERT	JAMES	1106 9TH AVE	BEAVER FALLS	15010-440	PA	-80.3221	40.75193
Pittsburgh	Exh. A	WPGH	13	48	1402	MACKIN	JAMES	2825 PATTERSON DR	ALIQUIPPA	15001-112	PA	-80.2958	40.60308
Pittsburgh	Exh. A	WPGH	13	49	1431	MARSHALL	ROBERT	11 WINDSOR ST	INDIANA	15701	PA	-79.1824	40.6137
Pittsburgh	Exh. A	WPGH	13	50	1460	MCANDREW	STEVEN	645 GLENWOOD WAY	BUTLER	16001-842	PA	-79.8936	40.90257
Pittsburgh	Exh. A	WPGH	13	51	1489	MCCUNE	WILLIAM	713 WESTMORELAND AVE	JEANNETTE	15644	PA	-79.612	40.31788
Pittsburgh	Exh. A	WPGH	13	52	1518	MEADOR	GARY	116 TAYLOR AVE	WHEELING	26003-546	WV	-80.6593	40.05122
Pittsburgh	Exh. A	WPGH	13	53	1547	MILLS	MIKE	515 LINCOLN AVE 48-F3	BELLEVUE	15202-350	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	54	1576	MOORE	DANIEL	227 W STEUBEN ST	PITTSBURGH	15205-252	PA	-80.0777	40.43963
Pittsburgh	Exh. A	WPGH	13	55	1605	Mowrey	Harry	535 Small Ferry Rd	New Castle	16102	PA	-80.4701	40.95634
Pittsburgh	Exh. A	WPGH	13	56	1634	MYERS	TRACEY	1617 MORAVIA ST	NEW CASTLE	16101	PA	-80.3507	40.98185
Pittsburgh	Exh. A	WPGH	13	57	1663	NICHOALS	MARY ANN	430 FISK ST	PITTSBURGH	15224-141	PA	-79.9569	40.46453
Pittsburgh	Exh. A	WPGH	13	58	1692	OLESCHUK	EDWARD	10592 PERRY HWY 228W	WEXFORD	15090-924	PA	-80.0548	40.61313
Pittsburgh	Exh. A	WPGH	13	59	1721	PAINAI	DAVID	1918 STRAWBRIDGE DR	LIBRARY	15129-979	PA	-79.9867	40.29234
Pittsburgh	Exh. A	WPGH	13	60	1750	PAUL	VENESSA	160 SYCAMORE ST	BEAVER	15009-103	PA	-80.404	40.70312
Pittsburgh	Exh. A	WPGH	13	61	1779	PHILLIPS	TAMARA & J	280 39TH ST	PITTSBURGH	15201	PA	-79.9614	40.46536
Pittsburgh	Exh. A	WPGH	13	62	1808	PORTER	JAMES	829 EXCELSIOR ST	PITTSBURGH	15210-103	PA	-79.9932	40.42307
Pittsburgh	Exh. A	WPGH	13	63	1837	PURCELL	PETER	#48-135 515 LINCOLN AVE	BELLEVUE	15202-000	PA	-80.0473	40.48897
Pittsburgh	Exh. A	WPGH	13	64	1866	RAVAS	DOUGLAS	1002 LAKE ST MC	KEES ROCKS	15136	PA	-80.0671	40.4661
Pittsburgh	Exh. A	WPGH	13	65	1895	RICH	DANIEL	47 HUDAK LANE	IMPERIAL	15126	PA	-80.2629	40.44233
Pittsburgh	Exh. A	WPGH	13	66	1924	Robins	Wade	1769 Crafton Blvd	Pittsburgh	15205	PA	-80.0642	40.43026

Pittsburgh	Exh. A	WPGH	13	67	1953	ROSS	ROBERT	101 IVY COURT	CANONSBURG	15317-000	PA	-80.2014	40.26341
Pittsburgh	Exh. A	WPGH	13	68	1982	SAFREED,	WAYNE	2220 NICKLE RD NE	SALINEVILLE	43945	OH	-80.881	40.60877
Pittsburgh	Exh. A	WPGH	13	69	2011	SAVAGE	SCOTT/BECK	150 WOODHAVEN DR MT	LEBANON	15228	PA	-80.0532	40.36337
Pittsburgh	Exh. A	WPGH	13	70	2040	SCHROCK	MICHAEL	342 NOLL RD	GEORGETOWN	15043-965	PA	-80.5074	40.51183
Pittsburgh	Exh. A	WPGH	13	71	2069	SEHL	DON	2051 ALLISON DRIVE	UPPER SAINT CLAIR	15241	PA	-80.0811	40.35453
Pittsburgh	Exh. A	WPGH	13	72	2098	SHOGAN	JEFFREY	2121 WILLIAM PENN HWY	PITTSBURGH	15221-253	PA	-79.8596	40.44527
Pittsburgh	Exh. A	WPGH	13	73	2127	Smith	Ronald	411 Duquesne Drive	Pittsburgh	15243	PA	-80.0568	40.38184
Pittsburgh	Exh. A	WPGH	13	74	2156	SNYDER	WILLIAM	21 E SCHOONMAKER AVE	MONESSEN	15062-134	PA	-79.885	40.16073
Pittsburgh	Exh. A	WPGH	13	75	2185	STEPHANSSON	SCOT	120 SUNNYHILL DR	PITTSBURGH	15237-365	PA	-79.9928	40.52548
Pittsburgh	Exh. A	WPGH	13	76	2214	SURMA	MICHAEL	253 MAIN ST # 4	LEECHBURG	15656	PA	-79.6044	40.62734
Pittsburgh	Exh. A	WPGH	13	77	2243	TANNING	KATE	1003 DELAFIELD RD	ASPINWALL	15215	PA	-79.8922	40.49707
Pittsburgh	Exh. A	WPGH	13	78	2272	THOMPSON	LAURA	515 LINCOLN AVE 48G79	BELLEVUE	15202-350	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	79	2301	TREEMARCHI	DOMINIC	70 GLENN WAY	MCKEES ROCKS	15136-243	PA	-80.0771	40.48855
Pittsburgh	Exh. A	WPGH	13	80	2330	VALLO	STEVEN	303 FREEPORT RD	PITTSBURGH	15215-313	PA	-79.9035	40.48959
Pittsburgh	Exh. A	WPGH	13	81	2359	Volpe	Connie	Rd 3 Box 130	Derry	15627	PA	-79.2931	40.33833
Pittsburgh	Exh. A	WPGH	13	82	2388	WARDMAN	GARY	409 FOREST GROVE AVE	ELLWOOD CITY	16117-290	PA	-80.272	40.85181
Pittsburgh	Exh. A	WPGH	13	83	2417	WELSHHANS	LARRY	119 WALNUT LN	WEST NEWTON	15089-114	PA	-79.7717	40.21267
Pittsburgh	Exh. A	WPGH	13	84	2446	WHITTLE	RICK	534 NICHOLSON AVE	ELLWOOD CITY	16117	PA	-80.268	40.84936
Pittsburgh	Exh. A	WPGH	13	85	2475	WINBUSH	PAM	1318 LIVERPOOL ST 2		15233-130	PA	-80.0258	40.45541
Pittsburgh	Exh. A	WPGH	13	86	2504	WYSE	THOMAS	1231 LAUREL HILL DR	MUNHALL	15120-135	PA	-79.9068	40.39196
Pittsburgh	Exh. A	WPGH	13	87	2533	ZACK	WILLIAM/PA	1731 WOODMONT AVE	ARNOLD	15068	PA	-79.7624	40.57714
Pittsburgh	Exh. A	WPGH	13	88	2562	ANTHONY	SAM	12 QUAIL CT	WHEELING	26003-263	WV	-80.7131	40.08293
Pittsburgh	Exh. A	WPGH	13	89	2591	BIRKENSTOCK	TOM	288 LEISIE RD	RENFREW	16053	PA	-80.0072	40.76197
Pittsburgh	Exh. A	WPGH	13	90	2620	BURNSTEIN	ERIC	175 S 16TH ST	PITTSBURGH	15203-175	PA	-79.9825	40.42664
Pittsburgh	Exh. A	WPGH	13	91	2649	CROCKARD	BRIAN	363 CEYLON RD	CARMICHAELS	15320	PA	-79.9785	39.8755
Pittsburgh	Exh. A	WPGH	13	92	2707	GADE	EUGENE	910 SCENIC DR	WASHINGTON	15301-814	PA	-80.2535	40.13015
Pittsburgh	Exh. A	WPGH	13	93	2736	HARLOW	BARRY	275 KELLY BLVD	SLIPPERY ROCK	16057	PA	-80.0613	41.07194
Pittsburgh	Exh. A	WPGH	13	94	2765	HUGGINS	DAVID	614 EDGEWOOD RD	BRADFORDWOODS	15015	PA	-80.078	40.63368
Pittsburgh	Exh. A	WPGH	13	95	2794	KMETZ	JOSEPH	14630 CANNONS MILL RD	EAST LIVERPOOL	43920-870	OH	-80.6082	40.68532
Pittsburgh	Exh. A	WPGH	13	96	2823	LONG	RONALD	400 BLACK RD	HARRISVILLE	16038-240	PA	-79.9338	41.11904
Pittsburgh	Exh. A	WPGH	13	97	2852	MCCRACKEN	WILLIAM	600 JENNIFER DR	CRANBERRY TWP	16066-740	PA	-80.1261	40.69013
Pittsburgh	Exh. A	WPGH	13	98	2881	MOHR	JOHN	5135 KARRINGTON DR	GIBSONIA	15044-600	PA	-79.9948	40.62387
Pittsburgh	Exh. A	WPGH	13	99	2910	PELLEGRINI	RON	169 W MAIN ST	MONONGAHELA	15063-230	PA	-79.9241	40.20163
Pittsburgh	Exh. A	WPGH	13	100	2939	RIHALY	FRANK	263 WINTERS DR	WINTERSVILLE	43953-385	OH	-80.7154	40.3745
Pittsburgh	Exh. A	WPGH	13	101	2968	SIMPSON	CHARLES	515 LINCOLN AVE #164	BELLEVUE	15202	PA	-80.0565	40.4956
Pittsburgh	Exh. A	WPGH	13	102	2997	SULLIVAN	DEBBY	311 DIXON AVE	N VERSAILLES	15137-132	PA	-79.8308	40.39607
Pittsburgh	Exh. A	WPGH	13	103	3026	WARD	JEFF	360 NORTHGATE DR	WARRENDALE	15086-756	PA	-80.08	40.65433
Pittsburgh	Exh. A	WPGH	13	104	3055	WYCOFF	BILL	124 WITHEROW RD	SEWICKLEY	15143-831	PA	-80.1697	40.57783
Lynchburg	Exh. A	WSET	14	1	1212	BOYD	TAMMY	1011 FLORIDA TRAIL	VIRGILINA	24598-000	VA	-78.7619	36.6051
Lynchburg	Exh. A	WSET	14	2	9402	POTTER	RICKY	950 YARBORO MILL ROAD	MILTON	27305	NC	-78.9214	35.9112
Spartanbur	Exh. A	WSPA	16	1	295	BIGGS	BUDDY	713 GAP CREEK RD	MARIETTA	29661	SC	-82.5032	35.14352
Spartanbur	Exh. A	WSPA	16	2	1425	CAMPBELL	RICHARD	1126 KILPATRICK RD	HENDERSONVLLE	28739-973	NC	-82.5349	35.33308
Spartanbur	Exh. A	WSPA	16	3	8770	DURHAM	WILLIAM	145 CHRIST ROCK CAMP RD	LANDRUM	29356	SC	-82.3431	35.12359
Spartanbur	Exh. A	WSPA	16	4	10352	JOHNSON	ROBBIE	8 MCBEE AVE W	GREENVILLE	29601	SC	-82.4008	34.84959
Miami	Exh. A	WSVN	17	49	7	AHERN	WILLIAM	9793 NW 45TH ST	SUNRISE	33351	FL	-80.2801	26.18006
Miami	Exh. A	WSVN	17	7	15	AMBROSU	CAROL	1194 N STATE ROAD 7	CITY OF SUNRISE	33313	FL	-80.2025	26.13949
Miami	Exh. A	WSVN	17	18	23	ANTOINE	OSETTE	11959 SW 75TH ST	MIAMI	33183	FL	-80.3992	25.697
Miami	Exh. A	WSVN	17	29	31	ARNET	STUART	11363 SW 117TH CT	MIAMI	33186	FL	-80.3841	25.66105
Miami	Exh. A	WSVN	17	6	39	BAIN	WARREN	2940 NW 18TH AVE	MIAMI	33142	FL	-80.226	25.80341
Miami	Exh. A	WSVN	17	17	47	BARR	LILLY	3247 OAK AVE	MIAMI	33133	FL	-80.2553	25.72956
Miami	Exh. A	WSVN	17	28	55	BECKER	BILL	2000 TOWERSIDE TER # 21	MIAMI SHORES	33138	FL	-80.1708	25.87246
Miami	Exh. A	WSVN	17	39	63	BERK	STUART	6731 NW 61ST AVE	CORAL SPRINGS	33067	FL	-80.2331	26.3105
Miami	Exh. A	WSVN	17	51	71	BIANCHINI	THOMAS	11162 LAKEVIEW DR	POMPANO BEACH	33071	FL	-80.2757	26.24984
Miami	Exh. A	WSVN	17	62	79	BLUE	MARY	15880 NW 37TH CT	OPA LOCKA	33054	FL	-80.2612	25.91864
Miami	Exh. A	WSVN	17	65	87	BRADSHAW	GORDON	2118 TYLER ST	HOLLYWOOD	33020	FL	-80.1698	26.01166
Miami	Exh. A	WSVN	17	66	95	BROWN	DAWN	6741 SW 105TH PL	MIAMI	33173	FL	-80.3642	25.6996
Miami	Exh. A	WSVN	17	1	103	BURGER	NICHOLAS	2736 N ANDREWS AVE	FORT LAUDERDAL	33311	FL	-80.1462	26.16162
Miami	Exh. A	WSVN	17	2	111	CAMPBELL	MARVA	1595 NE 135TH ST	NORTH MIAMI	33161	FL	-80.169	25.90005
Miami	Exh. A	WSVN	17	3	119	CASE	RICK	875N N STATE ROAD 7	PLANTATION	33317	FL	-80.2026	26.13512
Miami	Exh. A	WSVN	17	4	127	CHILDS	EDGAR	26560 SW 127TH AVE	PRINCETON	33032	FL	-80.3965	25.52064
Miami	Exh. A	WSVN	17	5	135	CLEARE	WAYNE	1821 SW 36TH AVE #1	FORT LAUDERDAL	33312	FL	-80.1942	26.09797
Miami	Exh. A	WSVN	17	6	143	COOPER	EDDIE	700 SW 34TH ST	FORT LAUDERDAL	33315	FL	-80.15	26.08126
Miami	Exh. A	WSVN	17	8	151	COULSON	SHERRY	2442 NE 26TH ST	LIGHTHOUSE POIN	33064	FL	-80.0906	26.26326
Miami	Exh. A	WSVN	17	9	159	CROSBY	WAYNE	5557 W OAKLAND PARK	CITY OF SUNRISE	33313	FL	-80.2225	26.16477
Miami	Exh. A	WSVN	17	10	167	DADLINI	LACHMAN	1529 PALERMO AVE CORAL	GABLES	33134	FL	-80.2853	25.74391
Miami	Exh. A	WSVN	17	11	175	DAVE	KNOX	5523 NW 21ST AVE	MIAMI	33142	FL	-80.2306	25.82549
Miami	Exh. A	WSVN	17	12	183	DAWN	WATSON	14435 SW 158TH ST	QUAIL HEIGHTS	33177	FL	-80.4239	25.6185
Miami	Exh. A	WSVN	17	13	191	DELGADO	ADELINA	2476 W 70TH PL	HIALEAH GARDENS	33016	FL	-80.3335	25.88576
Miami	Exh. A	WSVN	17	14	199	DEROCK	ROBERT	6032 PIERCE ST	HOLLYWOOD	33024	FL	-80.2086	26.01506
Miami	Exh. A	WSVN	17	15	207	DIAZ	PILAR	4567 POST AVE	MIAMI	33140	FL	-80.1284	25.81992
Miami	Exh. A	WSVN	17	16	215	DOOHAN	ROBERT	560 NW 38TH ST	FORT LAUDERDAL	33309	FL	-80.1509	26.17351
Miami	Exh. A	WSVN	17	17	223	EBNER	HERB	2805 E OAKLAND PARK B	FORT LAUDERDAL	33306	FL	-80.1089	26.16735
Miami	Exh. A	WSVN	17	19	231	ELLIOT	LEE	15921 SW 104TH CT	PERRINE	33157	FL	-80.3622	25.62122
Miami	Exh. A	WSVN	17	20	239	ESPANA	RON	4631 NE 3RD AVE	FORT LAUDERDAL	33334	FL	-80.1429	26.18407
Miami	Exh. A	WSVN	17	21	247	FALKENBERG	ERIC	11376 SW 73RD TER	MIAMI	33173	FL	-80.3776	25.6992
Miami	Exh. A	WSVN	17	22	255	FERGUSON	GEOFFREY	479 NE 210TH CIRCLE	TE MIAMI	33179	FL	-80.1936	25.9676
Miami	Exh. A	WSVN	17	23	263	FLOWERS	OSCAR	2940 W MISSION WOOD CR	Pembroke Pines	33025	FL	-80.2717	25.9905
Miami	Exh. A	WSVN	17	24	271	FRISCH	JOCEPHA	480 NW 94TH TER # 1A	PLANTATION	33324	FL	-80.2747	26.12349
Miami	Exh. A	WSVN	17	25	279	GAMIO	JOSE	5100 SW 130TH AVE	FORT LAUDERDAL	33330	FL	-80.3214	26.05355
Miami	Exh. A	WSVN	17	26	287	GASTON	PETER	1891 NW 162ND AVE	PEMBROKE PINES	33028	FL	-80.3286	26.0254
Miami	Exh. A	WSVN	17	27	295	GILBERT	TERRANCE	11921 NE 12TH AVE # 256	NORTH MIAMI	33161	FL	-80.1742	25.88531
Miami	Exh. A	WSVN	17	28	303	GOLDSTEIN	BRIAN	2123 N 32ND CT	HOLLYWOOD	33021	FL	-80.1744	26.02839
Miami	Exh. A	WSVN	17	30	311	GRANT	NEKO	2520 NW 36TH ST	MIAMI	33142	FL	-80.2386	25.80895
Miami	Exh. A	WSVN	17	31	319	GROUP	STELLAR	5574 NW 79TH AVE	MIAMI	33166	FL	-80.3261	25.82443
Miami	Exh. A	WSVN	17	32	327	GUTMAN	GEORGE	3000 RIOMAR S APT 306	OAKLAND PARK	33304	FL	-80.1246	26.12866
Miami	Exh. A	WSVN	17	33	335	HARDING	BILL	2414 GLORIA LN	HALLANDALE	33009	FL	-80.1689	25.99016
Miami	Exh. A	WSVN	17	34	343	HERNANDEZ	JOSEFA	2803 CORAL WAY	CORAL GABLES	33145	FL	-80.2395	25.75034
Miami	Exh. A	WSVN	17	1	351	HIRACHE	MOHAMED	4561 POWERLINE RD # 135	FORT LAUDERDAL	33309	FL	-80.1559	26.20336
Miami	Exh. A	WSVN	17	2	359	HOUCK	STEVE	16060 LA COSTA DR	DAVIE	33326	FL	-80.3748	26.113
Miami	Exh. A	WSVN	17	3	367	INFANTE	FRANK	780 NE 69TH ST 1109	MIAMI SHORES	33138	FL	-80.1811	25.83847
Miami	Exh. A	WSVN	17	4	375	JACQUEMIN	CLAUDE	11047 SW 138TH PL	MIAMI	33186	FL	-80.4187	25.66543
Miami	Exh. A	WSVN	17	5	383	JILLIAS	JOSEPH	1145 NW 58TH AVE	CITY OF SUNRISE	33313	FL	-80.2263	26.13823
Miami	Exh. A	WSVN	17	7	391	JOHNSON	LLOYD	1232 NW 55TH ST	MIAMI	33142	FL	-80.2168	25.8252
Miami	Exh. A	WSVN	17	8	399	JONES	JEREMY	4944 S LE JEUNE RD	MIAMI	33146	FL	-80.2619	25.72528
Miami	Exh. A	WSVN	17	9	407	KAPLAN	MARSHALL	17821 SW 84TH AVE	PERRINE	33157	FL	-80.3287	25.60439
Miami	Exh. A	WSVN	17	10	415	KENNEDY	MACDONALD	5600 NE 6TH AVE	MIAMI	33137	FL	-80.183	25.82776
Miami	Exh. A	WSVN	17	11	423	KOLLIAS	JOHN	5281 NE 19TH AVE	LIGHTHOUSE POIN	33064	FL	-80.0985	26.29591
Miami	Exh. A	WSVN	17	12	431	LANE	BRENDA	2277 NW 81ST TER	MIAMI	33147	FL	-80.2353	25.84896
Miami	Exh. A	WSVN	17	13	439	LAWSON	DARRELL	535 NW 48TH ST	MIAMI	33127	FL	-80.2043	25.81984
Miami	Exh. A	WSVN	17	14	447	LEROY	WHORMS	12975 NW 16TH AVE	MIAMI	33167	FL	-80.2251	25.89271
Miami	Exh. A	WSVN	17	15	455	LICHTER	NATHAN	2125 NE 198TH TER	MIAMI	33179	FL	-80.1595	25.95809
Miami	Exh. A	WSVN	17	16	463	LOPEZ	TEDORA	1855 NE 121ST ST APT 16	MIAMI	33181	FL	-80.161	25.88769
Miami	Exh. A	WSVN	17	18	471	MAJOR	EDDIE	456 NW 9TH AVE	OAKLAND PARK	33311	FL	-80.1533	26.12665
Miami	Exh. A	WSVN	17	19	479	MARTINEZ	SANTIAGO	14337 SW 51ST ST	OLYMPIA HEIGHTS	33175	FL	-80.4234	25.7172
Miami	Exh. A	WSVN	17	20	487	MAYRA	CARDENAS	4020 BUCHANAN ST	HOLLYWOOD	33021	FL	-80.1846	26.01616
Miami	Exh. A	WSVN	17	21	495	MCMORICK	PETER	1645 NE 175TH ST	MIAMI	33162	FL	-80.1677	25.93684
Miami	Exh. A	WSVN	17	22	503	METH	PHILLIP	1001 HILLCREST CT	HOLLYWOOD	33021	FL	-80.1932	26.00148
Miami	Exh. A	WSVN	17	23	511	MIRO	JOSE	2736 N ANDREWS AVE #14	FORT LAUDERDAL	33311	FL	-80.1462	26.16162
Miami	Exh. A	WSVN	17	24	519	MIYASHIRO	PAUL	3204 NE 7TH PL APT 1	POMPANO BEACH	33062	FL	-80.0904	26.24317
Miami	Exh. A	WSVN	17	25	527	MORLEY	FRANK	6995 NW 21ST AVE	MIAMI	33147	FL	-80.2312	25.83852
Miami	Exh. A	WSVN	17	26	535	MURRAY	ANN	2370 POINSETTA CT PEMBROKE	PINES	33026	FL	-80.2943	26.02911
Miami	Exh. A	WSVN	17	27	543	NESBITT	LEOLA	944 NW 49TH ST	MIAMI	33127	FL	-80.2112	25.82009
Miami	Exh. A	WSVN	17	29	551	NOVOA	DAVID	1994 SW 142ND AVE	OLYMPIA HEIGHTS	33175	FL	-80.4278	25.74851
Miami	Exh. A	WSVN	17	30	559	OFENGA	ELDRIDGE	2540 SW 76TH AVE	MIAMI	33155	FL	-80.3191	25.74612
Miami	Exh. A	WSVN	17	31	567	PALAZZOTTO	DANIEL	1971 LYONS RD APT	105 MARGATE	33063	FL	-80.1862	26.2529
Miami	Exh. A	WSVN	17	32	575	PAVON	TIRZA	11930 SW 187TH ST	QUAIL HEIGHTS	33177	FL	-80.3854	25.59386
Miami	Exh. A	WSVN	17	33	583	PEREZ	ALEX	13971 SW 25TH ST	OLYMPIA HEIGHTS	33175	FL	-80.4145	25.7432
Miami	Exh. A	WSVN	17	34	591	PHILLIPS	MARIA	10781 LAGO WELLEBY DR	SUNRISE	33351	FL	-80.2916	26.16801
Miami	Exh. A	WSVN	17	35	599	PORTAL	LEO	20941 SW 122ND PL	QUAIL HEIGHTS	33177	FL	-80.3894	25.57243
Miami	Exh. A	WSVN	17	36	607	QUINTANAL	ROBERTO	7280 W MCNAB RD # 20220	MARGATE	33068	FL	-80.2487	26.20846
Miami	Exh. A	WSVN	17	37	615	REAGIN	MOSES	3261 NW 51ST TER	MIAMI	33142	FL	-80.2502	25.82158
Miami	Exh. A	WSVN	17	38	623	RICHARD	MCGHIE	4025 NE 15TH AVE APT E21	POMPANO BEACH	33064	FL	-80.1039	26.29416
Miami	Exh. A	WSVN	17	40	631	ROBERTSON	ALLAN	13205 CORONADO TER	MIAMI	33181	FL	-80.157	25.89752
Miami	Exh. A	WSVN	17	41	639	ROLLE	SHORNAE	2930 NW 175TH ST	CAROL CITY	33056	FL	-80.25	25.93316
Miami	Exh. A	WSVN	17	42	647	ROURA	MICHAEL	13613 SW 179TH ST	QUAIL HEIGHTS	33177	FL	-80.4124	25.5844
Miami	Exh. A	WSVN	17	43	655	SALAVERIN	MARICIO	2333 BRICKELL AVE APT 18	MIAMI	33129	FL	-80.2014	25.75173
Miami	Exh. A	WSVN	17	44	663	SATELLITE	SKY BLUE	11222 SW 100TH AVE	MIAMI	33176	FL	-80.3574	25.66465
Miami	Exh. A	WSVN	17	45	671	SCHMIDT	PHILIP	631 SW 66TH TER	PEMBROKE PINES	33023	FL	-80.2207	26.00545
Miami	Exh. A	WSVN	17	46	679	SEPLER	RICHARD	4203 MONSERRATE ST	MIAMI	33146	FL	-80.2692	25.73267
Miami	Exh. A	WSVN	17	47	687	SHERMAN	LAURA	2443 SW 42ND TER	PLANTATION	33317	FL	-80.2065	26.09059

Miami	Exh. A	WSVN	17	48	695	SIMMONS	SUSAN	1852 NW 43RD ST	MIAMI	33142	FL	-80.2273	25.81441
Miami	Exh. A	WSVN	17	50	703	SMITH	MARSHA	2941 NW 211TH ST	CAROL CITY	33056	FL	-80.2513	25.96714
Miami	Exh. A	WSVN	17	52	711	SOWYER	ARIAN	4561 POWERLINE RD # 201 B	FORT LAUDERDAL	33309	FL	-80.1559	26.20336
Miami	Exh. A	WSVN	17	53	719	STEIN	CARLOS	2805 E OAKLAND PARK BLVD	OAKLAND PARK (MIAMI)	33306	FL	-80.1089	26.16735
Miami	Exh. A	WSVN	17	54	727	STUBBS	FELIX	10659 NE 10TH CT	MIAMI SHORES	33138	FL	-80.1769	25.87308
Miami	Exh. A	WSVN	17	55	735	TASSY	PHILIP	2130 SW 67TH WAY	HOLLYWOOD SOUTH	33023	FL	-80.222	25.99067
Miami	Exh. A	WSVN	17	56	743	THIJN	YVETTE	6836 SW 16TH CT	SOUTH FLORIDA	33023	FL	-80.2259	25.99566
Miami	Exh. A	WSVN	17	57	751	THRALL	EDWARD	2790 SW 139TH AVE	DAVIE	33330	FL	-80.3341	26.08343
Miami	Exh. A	WSVN	17	58	759	VALDES	RICARDO	18010 NW 79TH AVE	HIALEAH	33015	FL	-80.3294	25.93652
Miami	Exh. A	WSVN	17	59	767	VILLAVICENICO	GONZA	4631 SW 33RD AVE	FORT LAUDERDAL	33312	FL	-80.1878	26.06419
Miami	Exh. A	WSVN	17	60	775	WASHINGTON	JACQUE	3410 NW 195TH TER	CAROL CITY	33056	FL	-80.2584	25.95111
Miami	Exh. A	WSVN	17	61	783	WIGGINS	LINESSA	17802 SW 107TH AVE APT 5	PERRINE	33157	FL	-80.3649	25.60345
Miami	Exh. A	WSVN	17	63	791	WINDER	LARRY	2805 E OAKLAND PARK BLVD	FORT LAUDERDAL	33306	FL	-80.1089	26.16735
Miami	Exh. A	WSVN	17	64	799	YVONNE	HAMILTON	9801 SW 73RD AVE	MIAMI	33156	FL	-80.313	25.67926
Norfolk	Exh. A	WTVD	18	1	78	ADKINS	RONALD	1367 TARBORO RD	YOUNGSVILLE	27596-974	NC	-78.4321	36.0061
Norfolk	Exh. A	WTVD	18	2	204	ALSTON	KYLE	319 CHERRY ST	CREEDMOOR	27522-930	NC	-78.6504	36.1107
Norfolk	Exh. A	WTVD	18	3	330	ARDES	DORIS	189 SHORT ST	GOLDSBORO	27530-953	NC	-78.0339	35.40904
Norfolk	Exh. A	WTVD	18	4	456	BABBITT	FREDERICK	509 COUNTRY DAY RD	GOLDSBORO	27530	NC	-77.9656	35.41
Norfolk	Exh. A	WTVD	18	5	582	BARBOUR	DENNIS	1105 PASTURE LN	FAYETTEVILLE	28301	NC	-78.8333	35.01875
Norfolk	Exh. A	WTVD	18	6	960	BIGELOW	LAWRENCE	2811 ANDERSON RD	BURLINGTON	27217-910	NC	-78.7241	35.4922
Norfolk	Exh. A	WTVD	18	7	1086	BOGGS	GEORGE/DAN	883 SOUTHVIEW CIR	FAYETTEVILLE	28311	NC	-77.3478	35.5858
Norfolk	Exh. A	WTVD	18	8	1212	BOYD	TAMMY	1011 FLORIDA TRAIL	VIRGILINA	24598-000	VA	-79.3346	36.123
Norfolk	Exh. A	WTVD	18	9	1338	BREWER	STEPHEN	7055 RAMBLING HILLS	MORRISVILLE	27560	NC	-78.9044	35.11845
Norfolk	Exh. A	WTVD	18	10	1464	BROWN	CORI	2015 LONGVIEW DR.	WILSON	27893	NC	-78.7619	36.6051
Norfolk	Exh. A	WTVD	18	11	1590	BRYANT	DONNELL	RR 3 BOX AA-97	ENFIELD	27823-980	NC	-78.8363	35.8333
Norfolk	Exh. A	WTVD	18	12	1716	BURNETT	ROBERT	321 SWANS MILL XING	RALEIGH	27614-947	NC	-77.8801	35.71677
Norfolk	Exh. A	WTVD	18	13	1842	SHIVERHAMPTON	ELA	3617 LUBBOCK DR	HOPE MILLS	28348	NC	-77.7154	36.2012
Norfolk	Exh. A	WTVD	18	14	1968	Carter	Tammy	1509 Diplomat Dr	Fayetteville	28304	NC	-78.6366	35.9445
Norfolk	Exh. A	WTVD	18	15	2094	CHAMBERS	MICHAEL	3625 MINE CREEK RD	BURLINGTON	27217-757	NC	-78.9388	34.9659
Norfolk	Exh. A	WTVD	18	16	2220	CLAPP	SHARON	503 BACHELOR CREEK RD	SEAGROVE	27341	NC	-79.0151	35.02381
Norfolk	Exh. A	WTVD	18	17	2346	COFFEY	PAUL	405 CHEATHAM ST N	FRANKLINTON	27525	NC	-79.4376	36.17866
Norfolk	Exh. A	WTVD	18	18	2472	CONSTANTINO	JOE	2621 JASPER PL	RALEIGH	27613	NC	-79.701	35.5238
Norfolk	Exh. A	WTVD	18	19	2598	COUNCIL	STEVEN	3831 TABOR CHURCH RD 7	FAYETTEVILLE	28301-968	NC	-78.4585	36.11119
Norfolk	Exh. A	WTVD	18	20	2724	CROCKER	ROBERT	1391 OLD SMITHFIELD RD	GOLDSBORO	27530	NC	-78.7038	35.8931
Norfolk	Exh. A	WTVD	18	21	2850	DANIELS	DAVID	4000 RANCH FARM CT	WILSON	27893	NC	-78.7745	34.93484
Norfolk	Exh. A	WTVD	18	22	2976	DAVIS	JAMES	7436 SHALLINGTONS MILL RD	MACCLESFIELD	27852	NC	-78.0825	35.3906
Norfolk	Exh. A	WTVD	18	23	3228	DIXON	DON	203 STEEP BANK DR	CARY	27511	NC	-77.9164	35.717
Norfolk	Exh. A	WTVD	18	24	3354	DUFIELD	DAVID	RR 1 BOX 26F	SHANNON	28386	NC	-77.5994	35.7753
Norfolk	Exh. A	WTVD	18	25	3480	EDWARDS	JANIE	117 PINE DR	VASS	28394	NC	-78.9941	35.16739
Norfolk	Exh. A	WTVD	18	26	3606	Englebright	JoAnn	Box 8534 Buck Heart Road	Oxford	27568	NC	-78.7802	35.7708
Norfolk	Exh. A	WTVD	18	27	3732	FAIRCLOTH	EUGENE	RT 1 BOX 92D	WADE	28395-000	NC	-79.1812	34.8943
Norfolk	Exh. A	WTVD	18	28	3858	FIGUEROA	JUAN	305 BENTON ST B	GOLDSBORO	27530-715	NC	-79.2767	35.254
Norfolk	Exh. A	WTVD	18	29	3984	FORREST	BUTTRY	195 MILL CREEK DR	YOUNGSVILLE	27596-962	NC	-78.1605	35.4662
Norfolk	Exh. A	WTVD	18	30	4110	FREY	DAVID	3510 OLD ROUTE 75	STEM	27581	NC	-78.7261	35.1623
Norfolk	Exh. A	WTVD	18	31	4236	GARMEY	PAUL	3185 MACK BRUMMITT	KITTRELL	27544-775	NC	-78.0058	35.35269
Norfolk	Exh. A	WTVD	18	32	4362	GIBSON,	THELMA	245 ADDOR RD	ABERDEEN	28315	NC	-78.4589	36.0464
Norfolk	Exh. A	WTVD	18	33	4488	GORMAN	WILLIAM	3223 SEVEN LKS W	WEST END	27376-931	NC	-78.7322	36.2023
Norfolk	Exh. A	WTVD	18	34	4614	GREENFIELD	MIKE	108 WINDROCK LN	CARY	27511-976	NC	-78.5428	36.2097
Norfolk	Exh. A	WTVD	18	35	4740	HACKIM	TIM	7500 KING OF KINGS C	ZEBULON	27597	NC	-79.445	35.1212
Norfolk	Exh. A	WTVD	18	36	4866	HAMMOND	MARK	GREENLAND ESTATES,	COATS	27521	NC	-79.5369	35.2484
Norfolk	Exh. A	WTVD	18	37	4992	HARRIS	GEORGE	1658 CEDAR RIDGE RD	STEM	27581	NC	-78.7705	35.7335
Norfolk	Exh. A	WTVD	18	38	5118	HAWKINS	EDWARD	103 PERSHING CT	RAEFORD	28376-793	NC	-78.3169	35.8326
Norfolk	Exh. A	WTVD	18	39	5244	HENN	BRIAN	103 TYNDALL LN	GOLDSBORO	27534-567	NC	-78.6631	35.411
Norfolk	Exh. A	WTVD	18	40	5370	HILL	MARK	105 HOLLY RD	GOLDSBORO	27534-332	NC	-78.7322	36.2023
Norfolk	Exh. A	WTVD	18	41	5496	HOLDEN	ROBERT	PINE HURST RV PARK	PINE HURST	28374-000	NC	-79.2224	34.9882
Norfolk	Exh. A	WTVD	18	42	5622	HOSACK	EDWARD	HHB DIVARTY FORT	BRAGG	28307-000	NC	-77.9613	35.36352
Norfolk	Exh. A	WTVD	18	43	5748	HUNTER	MICHAEL	& RR 1 BOX 117A1	STEDMAN	28391	NC	-77.9154	35.39157
Norfolk	Exh. A	WTVD	18	44	5874	JACKSON	WILLIE	100 REAM ST	GOLDSBORO	27534	NC	-79.4735	35.1898
Norfolk	Exh. A	WTVD	18	45	6000	JERRY	SULLIVAN	2817 CALLOWAY DR	MEBANE	27302-000	NC	-79.0171	35.1453
Norfolk	Exh. A	WTVD	18	46	6126	JOHNSON	ROBERT	2375 TIMBER TRL	BURLINGTON	27215-067	NC	-78.6986	35.0349
Norfolk	Exh. A	WTVD	18	47	6252	JONES	GREG	2525 COMANCHE TRL	HILLSBOROUGH	27278-885	NC	-77.9599	35.36467
Norfolk	Exh. A	WTVD	18	48	6378	Joseph	Beverly	2577 Dyking Rd	Kittrell	27544	NC	-79.2835	36.02771
Norfolk	Exh. A	WTVD	18	49	6504	KELLER	CHRISTINE	123 CORNWALLIS CT	RAEFORD	28376-000	NC	-79.4438	36.03422
Norfolk	Exh. A	WTVD	18	50	6630	KING	MATTHEW	1699 MONTROSE DR #172	FAYETTEVILLE	28314	NC	-79.0898	36.0766
Norfolk	Exh. A	WTVD	18	51	6756	KUENZLER	EDWARD	6015 OLD GREENSBORO RD	CHAPEL HILL	27516	NC	-78.4135	36.2012
Norfolk	Exh. A	WTVD	18	52	6882	LAMOVE	VERONICA	RR 3 BOX 166A	ROSEBORO	28382	NC	-79.2224	34.9882
Norfolk	Exh. A	WTVD	18	53	7008	LEE	PAUL	1822C ALLENS XRAS RD	FOUR OAKS	27524	NC	-79.065	35.03857
Norfolk	Exh. A	WTVD	18	54	7134	LIPSCOMB	LLOYD	1185 COUNTY HOME RD	YANCEYVILLE	27379	NC	-79.2369	35.89574
Norfolk	Exh. A	WTVD	18	55	7260	LOVELAND	SCOTT	303 S COLLEGE ST	YOUNGSVILLE	27596-913	NC	-78.5222	34.9859
Norfolk	Exh. A	WTVD	18	56	7386	MACNEILL	JEFFREY	1487 E GREAT MARSH CHURCH	SAINT PAULS	28384-752	NC	-78.4715	35.3876
Norfolk	Exh. A	WTVD	18	57	7512	MARSH	STEPHANI	400 MOORE ST.	ABERDEEN	28315-132	NC	-79.3344	36.4228
Norfolk	Exh. A	WTVD	18	58	7638	MATTHEWS	TIMOTHY	407 C ST E	BUTNER	27509	NC	-78.4781	36.0167
Norfolk	Exh. A	WTVD	18	59	7764	MCCOY	ROBERT	5717 ICARUS CT	FAYETTEVILLE	28304-205	NC	-78.9735	34.801
Norfolk	Exh. A	WTVD	18	60	7890	MCLAUGHLIN	ROBERT	RR 1 BOX 194M	ROANOKE RAPIDS	27870-980	NC	-79.445	35.1212
Norfolk	Exh. A	WTVD	18	61	8142	MILLER	WILLIAM	411 DAILEY DR	NEW HILL	27562-884	NC	-78.7522	36.13704
Norfolk	Exh. A	WTVD	18	62	8268	MOORE	ANNE	908 STONE FALLS TRL	RALEIGH	27614-938	NC	-78.9764	35.02276
Norfolk	Exh. A	WTVD	18	63	8394	MORTON	AL	464 OAKHURST RD	ASHEBORO	27203-099	NC	-77.6717	36.4466
Norfolk	Exh. A	WTVD	18	64	8520	NALL	HAZEL	591T JOHNSON ROAD	CARTHAGE	28327	NC	-79.1776	35.465
Norfolk	Exh. A	WTVD	18	65	8646	NIVEN	GRAHAM	310 W 5TH AVE	RAEFORD	28376-211	NC	-78.937	35.6796
Norfolk	Exh. A	WTVD	18	66	8772	OR	TRIP	120 BONNELL CT	CARY	27511	NC	-78.6366	35.9445
Norfolk	Exh. A	WTVD	18	67	8898	PARKER	FREDDIE	5 FERNWOOD CT	DURHAM	27713	NC	-79.8184	35.65651
Norfolk	Exh. A	WTVD	18	68	9024	PAULETTE	MCGUIRT	2313 NEW SHARRON CHURCH	HILLSBOROUGH	27278-000	NC	-79.3924	35.3082
Norfolk	Exh. A	WTVD	18	69	9150	PERRY	ERICA	8801 CASTLEBERRY RD	APEX	27502-675	NC	-79.2287	34.98554
Norfolk	Exh. A	WTVD	18	70	9276	PIKE	CYNTHIA	RR 4 BOX 477 477	ROANOKE RAPIDS	27870	NC	-78.7919	35.75824
Norfolk	Exh. A	WTVD	18	71	9402	POTTER	RICKY	950 YARBORO MILL RO	MILTON	27305	NC	-79.245	36.9112
Norfolk	Exh. A	WTVD	18	72	9528	PUGH	ROBERT	504 WENTWORTH DR	GRAHAM	27253	NC	-79.0377	36.12511
Norfolk	Exh. A	WTVD	18	73	9654	RAYNOR	BOBBY	4279 US HIGHWAY 13 S	GOLDSBORO	27530-975	NC	-78.8399	35.7226
Norfolk	Exh. A	WTVD	18	74	9780	RICE	MIKE	1074 BAREFOOT RD	NEWTON GROVE	28366	NC	-77.6717	36.4466
Norfolk	Exh. A	WTVD	18	75	9906	RIVERA	ALEXANDER	107 HOMESTEAD DR	GOLDSBORO	27530	NC	-79.1699	36.5012
Norfolk	Exh. A	WTVD	18	76	10032	RODRIGUEZ	PATRICIA	117 TARKLIN DR	GOLDSBORO	27530-901	NC	-79.3962	36.07603
Norfolk	Exh. A	WTVD	18	77	10158	ROYAL	JAMES	4023 NC HIGHWAY 96 N	SELMA	27576-878	NC	-77.9796	35.3999
Norfolk	Exh. A	WTVD	18	78	10284	SANDERS	NATHAN	927 LAKEWIND DR	SANFORD	27330	NC	-78.4301	35.2188
Norfolk	Exh. A	WTVD	18	79	10410	SCHULTE	BILL	10232 BAILEYWICK RD	RALEIGH	27613-620	NC	-78.0151	35.3806
Norfolk	Exh. A	WTVD	18	80	10536	SESSOMS	DOUGLAS	RR 1 BOX 207D	PINETOPS	27864	NC	-78.0058	35.44867
Norfolk	Exh. A	WTVD	18	81	10662	WADE	LARRY	102 WATERSEDGE DR	ERWIN	28339-873	NC	-78.2626	35.555
Norfolk	Exh. A	WTVD	18	82	10788	SKILES	CHRIS	4506 WINDCROSS CT	FAYETTEVILLE	28314-245	NC	-79.102	35.40424
Norfolk	Exh. A	WTVD	18	83	10914	SMITH	FRED	740 GREENVILLE BLVD SE	GREENVILLE	27858	NC	-78.6958	35.91125
Norfolk	Exh. A	WTVD	18	84	11040	SMITH	TIMOTHY	2420 MILLIKAN RD	CHAPEL HILL	27516	NC	-77.6999	35.8211
Norfolk	Exh. A	WTVD	18	85	11166	SPRUIL	LETTEE	1539 BOROS DR	FAYETTEVILLE	28303-300	NC	-78.9345	34.9527
Norfolk	Exh. A	WTVD	18	86	11292	STEVENS	LINDA	7500 YARBOROUGH RD	MEBANE	27302	NC	-78.9551	35.05589
Norfolk	Exh. A	WTVD	18	87	11418	STUBBS	LANCE	3411 MELROSE RIDGE CT 131	RALEIGH	27603-602	NC	-77.3713	35.584
Norfolk	Exh. A	WTVD	18	88	11544	TALLEY	LORI	RR 2 BOX 243 A	RED SPRINGS	28377	NC	-79.2474	35.90526
Norfolk	Exh. A	WTVD	18	89	11670	TERRY	KEVIN	302 BAHAMA RD	BAHAMA	27503-900	NC	-78.927	35.09757
Norfolk	Exh. A	WTVD	18	90	11796	THOMPSON	LATANIA	135 AVON LN	NEWTON GROVE	28366	NC	-79.245	36.0364
Norfolk	Exh. A	WTVD	18	91	11922	TOWNSEND	TODD	3101 WHITE ASH DR	FAYETTEVILLE	28306	NC	-78.6546	35.7088
Norfolk	Exh. A	WTVD	18	92	12048	UYTERHUEVEN	DIANA	1743 WHITE MEMORIAL WILLOW CHURCH	SPRINGS	27592-884	NC	-79.1666	34.8056
Norfolk	Exh. A	WTVD	18	93	12300	WALTON	THOMAS	237 2ND ST N	SAINT PAULS	28384	NC	-78.905	36.15126
Norfolk	Exh. A	WTVD	18	94	12426	WEBB	KENNETH	RR 2 BOX 347A	PINETOPS	27864-980	NC	-78.4301	35.2188
Norfolk	Exh. A	WTVD	18	95	12552	WHITAKER	CHARLES	RR 3 BOX 171-B	ENFIELD	27823-980	NC	-78.9395	35.0048
Norfolk	Exh. A	WTVD	18	96	12678	WIGGINS	MICHAEL	223 HILL ST	KINSTON	28501	NC	-78.6713	35.5492
Norfolk	Exh. A	WTVD	18	97	12804	WILLIAMS	HERBERT	RR 1 BOX 284	ENFIELD	27823-971	NC	-78.6857	35.3308
Norfolk	Exh. A	WTVD	18	98	12930	WILLIAMSON	NEIL	1707 TUCKER ST	BURLINGTON	27215-672	NC	-79.0758	34.8111
Norfolk	Exh. A	WTVD	18	99	13056	WOLFE	ROBERT	1404 WESTMORELAND DR	RALEIGH	27612-473	NC	-77.6999	35.8211
Norfolk	Exh. A	WTVD	18	100	13182	WRIGHT	JAMES	RR 3 BOX 11	WARRENTON	27589-920	NC	-77.7154	36.2012
Washingto	Exh. A	WUSA	19	1	981	BYRD	MALINDA	716 CATOCTIN CIR NE	LEESBURG	20176	VA	-77.5528	39.11519
Washingto	Exh. A	WUSA	19	2	1056	CAPRARO	ENRICO	2207 OBSERVATORY PL	WASHINGTON	20007	DC	-77.0742	38.91922
Washingto	Exh. A	WUSA	19	3	1131	CASULLO	LORENZO	9614 INVERARY CT	LORTON	22079	VA	-77.2195	38.70123
Washingto	Exh. A	WUSA	19	4	1356	COMER	EMORY	15510 HUGHES RD	POOLESVILLE	20837	MD	-77.4082	39.0876
Washingto	Exh. A	WUSA	19	5	1431	COSTANZA	DAVID	21074 HAWTHORNE CT	STERLING	20164	VA	-77.3846	39.00914
Washingto	Exh. A	WUSA	19	6	1506	CROXFORD	KOLBY	2905 MADISON PL	FALLS CHURCH	22042	VA	-77.1761	38.87325
Washingto	Exh. A	WUSA	19	7	1731	DETWILER	PAUL	3129 ADAMS MILL RD NW	WASHINGTON	20010	DC	-77.0449	38.92983
Washingto	Exh. A	WUSA	19	8	1881	DOWNEY	TIMOTHY&TH	4604 WILWYN WAY	ROCKVILLE	20852	MD	-77.0919	39.04285
Washingto	Exh. A	WUSA	19	9	2106	EVANS	JAMES	109 FOLLIN LN SE	VIENNA	22180	VA	-77.2548	38.91
Washingto	Exh. A	WUSA	19	10	2481	GERNER	GREG	4714 RESERVOIR RD NW	WASHINGTON	20007	DC	-77.0906	38.91379
Washingto	Exh. A	WUSA	19	11	2631	GRADWELL	PATTE	2540 LANDER RD APT C	JEFFERSON	21755	MD	-77.5462	39.30252
Washingto	Exh. A	WUSA	19	12	3606	JONES	WILLIE	21 MISSISSIPPI AVE SE	WASHINGTON	20032	DC	-77.007	38.8321
Washingto	Exh. A	WUSA	19	13	3831	Kinghorn	Morgan	1911 RHODE ISLAND AVE	McLEAN	22101	VA	-77.1536	38.9145
Washingto	Exh. A	WUSA	19	14	4356	MAHONEY	BRIAN	13600 BRITISH MANOR CT	CENTREVILLE	20120	VA	-77.4169	38.8525
Washingto	Exh. A	WUSA	19	15	4431	MARSH	WILLIAM	5007 WOODLAND WAY	ANNANDALE	22003	VA	-77.2497	38.81507
Washingto	Exh. A	WUSA	19	16	4731	MEYER	KENT	3310 DECATUR AVE	KENSINGTON	20895	MD	-77.0663	39.03431

Washingto	Exh. A	WUSA	19	17	5856	RIPKEN	C	13301 DOVER RD	REISTERSTOWN	21136	MD	-76.7385	39.49147
Washingto	Exh. A	WUSA	19	18	6006	ROWE	CYPRIAN	923 7TH ST NE	WASHINGTON	20002	DC	-76.9964	38.9019
Washingto	Exh. A	WUSA	19	19	6081	SACKS	RAND	4903 EDGEMOOR LN 415	BETHESDA	20814	MD	-77.0977	38.98463
Washingto	Exh. A	WUSA	19	20	6681	SPEARS	TERRY	1718 P ST NW 914	WASHINGTON	20036	DC	-77.0392	38.90925
Washingto	Exh. A	WUSA	19	21	7806	WRIGHT	GARY	4417 WAKEFIELD CHAPEL	ANNANDALE	22003	VA	-77.2395	38.82811
Pittsburgh?	Exh. A	WWCP	20	1	68	ARMSTRONG	BILL	195 DUQUESNE AVE	DRAVOSBURG	15034	PA	-79.8844	40.35546
Pittsburgh?	Exh. A	WWCP	20	2	416	CLEAVER	HAROLD	122 PROSPECT ST	BROWNSVILLE	15417-201	PA	-79.8886	40.02056
Pittsburgh?	Exh. A	WWCP	20	3	532	D'ALESSANORO	JOHN	113 AMMONS DR	MCMURRAY	15317	PA	-80.0958	40.29507
Pittsburgh?	Exh. A	WWCP	20	4	590	DETAR	GERALD	P. 1329 POPLAR ST	GREENSBURG	15601	PA	-79.5456	40.27971
Pittsburgh?	Exh. A	WWCP	20	5	735	FERRENBERG	KERI	108 S CHESTNUT ST	C DERRY	15627-193	PA	-79.3005	40.33308
Pittsburgh?	Exh. A	WWCP	20	6	822	GARRIS	KENNETH	618 CLAY AV	JEANNETTE	15644-341	PA	-79.6199	40.32781
Pittsburgh?	Exh. A	WWCP	20	7	909	GRILLO	VICKI	730 N 2ND ST	APOLLO	15613	PA	-79.5609	40.58491
Pittsburgh?	Exh. A	WWCP	20	8	938	HALLER	JORDAN	1038 LOCUST LN	PITTSBURGH	15243	PA	-80.0637	40.37324
Pittsburgh?	Exh. A	WWCP	20	9	1112	JAKIEL	FRANK	260 DONNAN AVE	WASHINGTON	15301	PA	-80.2507	40.17577
Pittsburgh?	Exh. A	WWCP	20	10	1257	KORNBLUTH	SEYMOUR	144 N DITHRIDGE ST AP	PITTSBURGH	15213	PA	-79.9515	40.44808
Pittsburgh?	Exh. A	WWCP	20	11	1431	MARSHALL	ROBERT	11 WINDSOR ST	INDIANA	15701	PA	-79.1824	40.6137
Pittsburgh?	Exh. A	WWCP	20	12	1460	MCANDREW	STEVEN	645 GLENWOOD WAY	BUTLER	16001-842	PA	-79.8936	40.90257
Pittsburgh?	Exh. A	WWCP	20	13	1866	RAVAS	DOUGLAS	1002 LAKE ST MC	KEES ROCKS	15136	PA	-80.0671	40.4661
Pittsburgh?	Exh. A	WWCP	20	14	2011	SAVAGE	SCOTT/BECK	150 WOODHAVEN DR	MT LEBANON	15228	PA	-80.0532	40.36337
Pittsburgh?	Exh. A	WWCP	20	15	2156	SNYDER	WILLIAM	21 E SCHOONMAKER AV	MONESSEN	15062-134	PA	-79.885	40.16073
Pittsburgh?	Exh. A	WWCP	20	16	2214	SURMA	MICHAEL	253 MAIN ST #4	LEECHBURG	15656	PA	-79.6044	40.62734
Pittsburgh?	Exh. A	WWCP	20	17	2417	WELSHHANS	LARRY	119 WALNUT LN WEST	NEWTON	15089-114	PA	-79.7717	40.21267
Pittsburgh?	Exh. A	WWCP	20	18	2591	BIRKENSTOCK	TOM	288 LEISIE RD	RENFREW	16053	PA	-80.0072	40.76197
Pittsburgh?	Exh. A	WWCP	20	19	2649	CROCKARD	BRIAN	363 CEYLON RD	CARMICHAELS	15320	PA	-79.9785	39.8755
Pittsburgh?	Exh. A	WWCP	20	20	2707	GADE	EUGENE	910 SCENIC DR	WASHINGTON	15301-814	PA	-80.2535	40.13015
Pittsburgh?	Exh. A	WWCP	20	21	2910	PELLEGRINI	RON	169 W MAIN ST	ST MONONGAHELA	15063-230	PA	-79.9241	40.20163
				id			street		strength			s/u	

Removed due to "0" measured value

Charlotte	Exh. A	WBTV	7	21	1425	CAMPBELL	RICHARD	1126 KILPATRICK RD	HENDERSONVLLE	28739-973	NC	-82.5349	35.33308
Charlotte	Exh. A	WBTV	7	89	8657	RENKERT	TONY	1131 BEAVER DAM RD	VILAS	28692	NC	-81.8219	36.32758
Baltimore	Exh. A	WJZ	12	27	1956	DURST	THOMAS	90 FINKS DR	MANCHESTER	17345	PA	-76.7371	40.07996
Baltimore	Exh. A	WJZ	12	90	6681	SPEARS	TERRY	1718 P ST NW 914	WASHINGTON	20036	DC	-77.0392	38.90925

Measurem	Site No. Site Name	Distance (km) in orig. report	Measured dBu	Measured :	Fresnel Zone Clearance	LULC	Category	NPRM Cat	Rubenstein Clutter Values	ILLR Predicted dBu	ILLR s/u	ILLR Result	Predict Error	
102.6	C1-1	15	102.6	S	Y	12		9	17	110.4	S	C	7.8	7.8
93.5	C1-2	15	93.5	S	Y	12		9	17	110.4	S	C	16.9	16.9
91.4	C1-3	14	91.4	S	Y	14		1	16	111	S	C	19.6	19.6
100.9	C1-4	16	100.9	S	Y	12		9	17	109.8	S	C	8.9	8.9
94.5	C1-5	14	94.5	S	Y	12		9	17	111	S	C	16.5	16.5
95.6	C1-6	16	95.6	S	Y	11		7	21	109.8	S	C	14.2	14.2
87.4	C1-7	15	87.4	S	Y	17		8	18	110.4	S	C	23	23
80.9	C1-8	14	80.9	S	Y	11		7	21	111	S	C	30.1	30.1
78.7	C2-1	46	78.7	S	Y	21		2	18	100.5	S	C	21.8	21.8
77	C2-2	46	77	S	Y	21		2	18	100.5	S	C	23.5	23.5
89.3	C2-3	45	89.3	S	Y	11		7	21	100.7	S	C	11.4	11.4
80.1	C2-4	47	80.1	S	Y	11		7	21	100.4	S	C	20.3	20.3
95.2	C2-5	46	95.2	S	Y	11		7	21	100.5	S	C	5.3	5.3
81.3	C2-6	47	81.3	S	Y	11		7	21	100.4	S	C	19.1	19.1
65.8	C2-7	47	65.8	S	Y	11		7	21	100.4	S	C	34.6	34.6
61.8	C2-8	46	61.8	U	Y	11		7	21	100.5	S	Over	38.7	
90.6	C3-1	4	90.6	S	Y	11		7	21	121.9	S	C	31.3	31.3
89.5	C3-2	3	89.5	S	Y	11		7	21	124.4	S	C	34.9	34.9
101.6	C3-3	4	101.6	S	Y	11		7	21	121.9	S	C	20.3	20.3
98	C3-4	3	98	S	Y	12		9	17	124.4	S	C	26.4	26.4
81.4	C3-5	4	81.4	S	Y	11		7	21	121.9	S	C	40.5	40.5
87.3	G1A1	17	87.3	S	Y	11		7	21	109.3	S	C	22	22
96.6	G1A2	15	96.6	S	Y	12		9	17	110.4	S	C	13.8	13.8
98.3	G1A3	14	98.3	S	Y	17		8	18	111	S	C	12.7	12.7
99.9	G1A4	13	99.9	S	Y	11		7	21	111.6	S	C	11.7	11.7
84.1	G1A5	11	84.1	S	Y	11		7	21	87.1	S	C	3	3
93.2	G1B1	18	93.2	S	Y	11		7	21	108.8	S	C	15.6	15.6
92	G1B2	16	92	S	Y	11		7	21	109.8	S	C	17.8	17.8
70.4	G1B3	14	70.4	S	Y	12		9	17	111	S	C	40.6	40.6
81.8	G1B4	13	81.8	S	Y	11		7	21	111.6	S	C	29.8	29.8
94.6	G1B5	11	94.6	S	Y	12		9	17	113.1	S	C	18.5	18.5
91.5	G1C1	18	91.5	S	Y	11		7	21	108.8	S	C	17.3	17.3
76.3	G1C2	16	76.3	S	Y	13		9	17	109.8	S	C	33.5	33.5
89.2	G1C3	15	89.2	S	Y	12		9	17	110.4	S	C	21.2	21.2
90.3	G1C4	13	90.3	S	Y	12		9	17	111.6	S	C	21.3	21.3
88.5	G1C5	12	88.5	S	Y	11		7	21	112.3	S	C	23.8	23.8
94.6	G1D1	18	94.6	S	Y	12		9	17	108.8	S	C	14.2	14.2
84.1	G1D2	17	84.1	S	Y	11		7	21	109.3	S	C	25.2	25.2
69.3	G1D3	15	69.3	S	Y	11		7	21	110.4	S	C	41.1	41.1
93.7	G1D4	14	93.7	S	Y	12		9	17	111	S	C	17.3	17.3
99.3	G1D5	12	99.3	S	Y	11		7	21	112.3	S	C	13	13
96	G1E1	19	96	S	Y	12		9	17	108.3	S	C	12.3	12.3
68.1	G1E2	18	68.1	S	Y	21		2	18	108.8	S	C	40.7	40.7
56.5	G1E3	16	56.5	U	N	11		7	21	109.8	S	Over	53.3	
73.7	G1E4	15	73.7	S	Y	17		8	18	110.4	S	C	36.7	36.7
82.5	G1E5	14	82.5	S	Y	17		8	18	111	S	C	28.5	28.5
74.5	G2A1	46	74.5	S	Y	12		9	17	100.5	S	C	26	26
70.5	G2A2	45	70.5	S	Y	11		7	21	100.7	S	C	30.2	30.2
81	G2A3	44	81	S	N	41		5	25	100.5	S	C	19.5	19.5
61.2	G2A4	43	61.2	U	N	41		5	25	101.1	S	Over	39.9	
84.5	G2A5	42	84.5	S	Y	11		7	21	101.3	S	C	16.8	16.8
68.2	G2B1	47	68.2	S	N	43		5	25	79.2	S	C	11	11
89.3	G2B2	46	89.3	S	Y	11		7	21	100.5	S	C	11.2	11.2
76.9	G2B3	45	76.9	S	Y	11		7	21	100.7	S	C	23.8	23.8
79.9	G2B4	44	79.9	S	Y	11		7	21	100.9	S	C	21	21
88.3	G2B5	43	88.3	S	Y	43		5	25	101.1	S	C	12.8	12.8
45.2	G2C1	48	45.2	U	N	43		5	25	79.4	S	Over	34.2	
69.1	G2C2	47	69.1	S	Y	12		9	17	100.4	S	C	31.3	31.3
71.5	G2C3	46	71.5	S	Y	43		5	25	100.5	S	C	29	29
88.4	G2C4	45	88.4	S	Y	11		7	21	100.7	S	C	12.3	12.3
82.3	G2C5	44	82.3	S	Y	12		9	17	100.9	S	C	18.6	18.6
61	G2D1	49	61	U	N	21		2	18	97.7	S	Over	36.7	
77.9	G2D2	48	77.9	S	N	11		7	21	100.2	S	C	22.3	22.3
72.5	G2D3	47	72.5	S	Y	12		9	17	100.4	S	C	27.9	27.9
77.4	G2D4	46	77.4	S	Y	11		7	21	100.5	S	C	23.1	23.1
82	G2D5	45	82	S	Y	11		7	21	100.7	S	C	18.7	18.7
57.3	G2E1	51	57.3	U	N	43		5	25	79	S	Over	21.7	
54	G2E2	50	54	U	N	11		7	21	97.3	S	Over	43.3	
68.8	G2E3	48	68.8	S	Y	11		7	21	100.2	S	C	31.4	31.4
82.2	G2E4	47	82.2	S	Y	43		5	25	100.4	S	C	18.2	18.2
69.4	G2E5	45	69.4	S	Y	12		9	17	100.7	S	C	31.3	31.3
103.2	R050-1	15	103.2	S	Y	43		5	25	110.4	S	C	7.2	7.2
84.3	R050-2	21	84.3	S	Y	21		2	18	107.5	S	C	23.2	23.2
86.8	R050-3	26	86.8	S	Y	21		2	18	105.6	S	C	18.8	18.8
85.2	R050-4	30	85.2	S	N	76		1	16	86.9	S	C	1.7	1.7
74.3	R050-5	35	74.3	S	Y	21		2	18	103	S	C	28.7	28.7
61.4	R050-6	40	61.4	U	Y	21		2	18	101.9	S	Over	40.5	
84.5	R050-7	44	84.5	S	N	21		2	18	76.7	S	C	-7.8	-7.8
61.3	R050-8	49	61.3	U	N	21		2	18	78	S	Over	16.7	
84.5	R050-9	54	84.5	S	N	41		5	25	75	S	C	-9.5	-9.5
61.4	R050S-10	59	61.4	U	N	21		2	18	76	S	Over	14.6	
63.7	R050S-11	64	63.7	U	N	21		2	18	81.4	S	Over	17.7	
79.8	R050S-12	69	79.8	S	N	21		2	18	78.6	S	C	-1.2	-1.2
54.6	R050S-13	74	54.6	U	N	41		5	25	54.5	U	C	-0.1	-0.1
33.6	R050S-14	78	33.6	U	N	21		2	18	41.2	U	C	7.6	7.6
48.2	R050S-15	83	48.2	U	N	41		5	25	37.8	U	C	-10.4	-10.4
40.1	R050S-16	89	40.1	U	N	41		5	25	46.8	U	C	6.7	6.7
73.1	R085-1	16	73.1	S	Y	41		5	25	109.8	S	C	36.7	36.7
92.6	R085-2	21	92.6	S	Y	42		5	25	107.5	S	C	14.9	14.9
70.2	R085-3	26	70.2	S	Y	43		5	25	105.6	S	C	35.4	35.4
62.6	R085-4	30	62.6	U	N	21		2	18	104.3	S	Over	41.7	
70.9	R085-5	35	70.9	S	N	21		2	18	82.2	S	C	11.3	11.3
69	R085-6	40	69	S	N	41		5	25	96.7	S	C	27.7	27.7
88.7	R085-7	45	88.7	S	Y	21		2	18	100.7	S	C	12	12
66	R085-8	50	66	S	N	21		2	18	66.3	S	C	0.3	0.3
49	R085-9	55	49	U	N	42		5	25	71.1	S	Over	22.1	
56.7	R085S-10	60	56.7	U	N	41		5	25	68.2	S	Over	11.5	
65.2	R085S-11	65	65.2	S	N	43		5	25	73.6	S	C	8.4	8.4
55.1	R085S-12	69	55.1	U	N	41		5	25	67.5	S	Over	12.4	
59.4	R085S-13	73	59.4	U	N	43		5	25	53.8	U	C	-5.6	-5.6
67.5	R085S-14	79	67.5	S	N	41		5	25	65	S	C	-2.5	-2.5
79.7	R085S-15	83	79.7	S	Y	21		2	18	85.5	S	C	5.8	5.8
51.3	R085S-16	88	51.3	U	N	21		2	18	82.2	S	Over	30.9	
87.4	R110-1	17	87.4	S	Y	21		2	18	109.3	S	C	21.9	21.9
94.1	R110-2	21	94.1	S	Y	21		2	18	107.5	S	C	13.4	13.4
95	R110-3	26	95	S	Y	21		2	18	105.6	S	C	10.6	10.6
86.4	R110-4	30	86.4	S	Y	43		5	25	104.4	S	C	18	18
82.4	R110-5	36	82.4	S	Y	21		2	18	102.8	S	C	20.4	20.4
93.8	R110-6	41	93.8	S	Y	21		2	18	100.4	S	C	6.6	6.6
66.2	R110-7	45	66.2	S	N	21		2	18	61.8	U	Under	-4.4	
83.2	R110-8	51	83.2	S	N	42		5	25	95.1	S	C	11.9	11.9
57.8	R110-9	55	57.8	U	N	42		5	25	75.5	S	Over	17.7	
36.1	R110S-10	59	36.1	U	N	61		5	25	74.3	S	Over	38.2	
86.9	R110S-11	65	86.9	S	Y	42		5	25	88.2	S	C	1.3	1.3
69.7	R110S-12	69	69.7	S	N	43		5	25	88.1	S	C	18.4	18.4
47.2	R110S-13	74	47.2	U	N	41		5	25	59.9	U	C	12.7	12.7
58.1	R110S-14	79	58.1	U	N	43		5	25	86.6	S	Over	28.5	
49.3	R110S-15	84	49.3	U	N	41		5	25	57.5	U	C	8.2	8.2
53.3	R110S-16	88	53.3	U	N	41		5	25	57	U	C	3.7	3.7
82.4	R185-1	16	82.4	S	Y	42		5	25	109.8	S	C	27.4	27.4
72.6	R185-2	21	72.6	S	Y	11		7	21	107.5	S	C	34.9	34.9
90.4	R185-3	26	90.4	S	Y	43		5	25	105.6	S	C	15.2	15.2
82.9	R185-4	30	82.9	S	Y	11		7	21	104.4	S	C	21.5	21.5
73.2	R185-5	35	73.2	S	Y	21		2	18	103	S	C	29.8	29.8
79.5	R185-6	40	79.5	S	N	43		5	25	83.8	S	C	4.3	4.3
70.4	R185-7	46	70.4	S	Y	42		5	25	100.1	S	C	29.7	29.7
77.4	R185-8	50	77.4	S	N	43		5	25	78	S	C	0.6	0.6
74.1	R185-9	55	74.1	S	N	43		5	25	89.3	S	C	15.2	15.2

67	R185S-10	60	67 S	N	43	5		25	88.8 S	C					21.8		21.8
77.3	R185S-11	65	77.3 S	N	43	5		25	90.9 S	C					13.6		13.6
72.1	R185S-12	70	72.1 S	N	43	5		25	90 S	C					17.9		17.9
78.6	R185S-13	74	78.6 S	N	21	2		18	70.5 S	C					-8.1		-8.1
58.4	R185S-14	79	58.4 U	N	42	5		25	60.6 U	C					2.2		2.2
62.9	R185S-15	84	62.9 U	N	42	5		25	57.2 U	C					-5.7		-5.7
35.7	R185S-16	88	35.7 U	N	21	2		18	53.4 U	C					17.7		17.7
76.8	R215-1	16	76.8 S	Y	43	5		25	109.8 S	C					33		33
89.7	R215-2	21	89.7 S	Y	42	5		25	107.5 S	C					17.8		17.8
84.3	R215-3	25	84.3 S	Y	42	5		25	105.9 S	C					21.6		21.6
88	R215-4	31	88 S	Y	41	5		25	104.1 S	C					16.1		16.1
94.3	R215-5	35	94.3 S	Y	43	5		25	103 S	C					8.7		8.7
62.1	R215-6	41	62.1 U	N	51	4		0	72.6 S	Over					10.5		
77.5	R215-7	46	77.5 S	Y	11	7		21	100.5 S	C					23		23
74.9	R215-8	49	74.9 S	N	21	2		18	77.3 S	C					2.4		2.4
66.7	R215-9	54	66.7 S	N	43	5		25	94.2 S	C					27.5		27.5
62.6	R215S-10	60	62.6 U	N	43	5		25	72.1 S	Over					9.5		
56.2	R215S-11	64	56.2 U	N	21	2		18	70.1 S	Over					13.9		
67.3	R215S-12	70	67.3 S	N	21	2		18	67 S	C					-0.3		-0.3
74.2	R215S-13	75	74.2 S	N	21	2		18	63.9 U	Under					-10.3		
62.5	R215S-14	80	62.5 U	N	43	5		25	83 S	Over					20.5		
72	R215S-15	84	72 S	N	21	2		18	62 U	Under					-10		
39.6	R215S-16	86	39.6 U	N	21	2		18	64.3 S	Over					24.7		
96.3	R270-1	16	96.3 S	Y	11	7		21	109.8 S	C					13.5		13.5
87.9	R270-2	21	87.9 S	Y	17	8		18	107.5 S	C					19.6		19.6
82	R270-3	25	82 S	N	11	7		21	88.1 S	C					6.1		6.1
90.5	R270-4	30	90.5 S	Y	11	7		21	104.4 S	C					13.9		13.9
92.8	R270-5	35	92.8 S	N	42	5		25	87.1 S	C					-5.7		-5.7
71.2	R270-6	40	71.2 S	Y	12	9		17	101.9 S	C					30.7		30.7
63.8	R270-7	45	63.8 U	Y	21	2		18	100.7 S	Over					36.9		
72.3	R270-8	49	72.3 S	N	41	5		25	79.7 S	C					7.4		7.4
80.7	R270-9	54	80.7 S	Y	41	5		25	95.1 S	C					14.4		14.4
63.1	R270S-10	59	63.1 U	N	11	7		21	98.5 S	Over					35.4		
60.5	R270S-11	61	60.5 U	N	21	2		18	59.4 U	C					-1.1		-1.1
44	R270S-12	69	44 U	N	21	2		18	53.1 U	C					9.1		9.1
73.6	R270S-13	74	73.6 S	N	21	2		18	69.5 S	C					-4.1		-4.1
58.4	R270S-14	79	58.4 U	N	43	5		25	57.2 U	C					-1.2		-1.2
43.6	R270S15	84	43.6 U	N	21	2		18	58.3 U	C					14.7		14.7
57.2	R270S16	88	57.2 U	N	11	7		21	64.5 S	Over					7.3		
83.8	R300.8	50	83.8 S	N	12	9		17	99.8 S	C					16		16
106.4	R300-1	16	106.4 S	Y	41	5		25	109.8 S	C					3.4		3.4
80.9	R300-2	21	80.9 S	Y	41	5		25	107.5 S	C					26.6		26.6
83.6	R300-3	26	83.6 S	Y	41	5		25	105.6 S	C					22		22
75	R300-4	31	75 S	Y	41	5		25	104.1 S	C					29.1		29.1
75.5	R300-5	35	75.5 S	N	43	5		25	78.1 S	C					2.6		2.6
69.8	R300-6	40	69.8 S	N	42	5		25	101.9 S	C					32.1		32.1
80.6	R300-7	46	80.6 S	Y	11	7		21	100.5 S	C					19.9		19.9
90.2	R300-9	55	90.2 S	Y	21	2		18	99 S	C					8.8		8.8
62.3	R300S10	60	62.3 U	N	21	2		18	72.8 S	Over					10.5		
66.4	R300S11	64	66.4 S	N	21	2		18	73.3 S	C					6.9		6.9
84.7	R300S12	69	84.7 S	N	21	2		18	87.6 S	C					2.9		2.9
80.4	R300S13	74	80.4 S	N	21	2		18	33.5 U	Under					-46.9		
87.6	R300S14	79	87.6 S	N	41	5		25	60.2 U	Under					-27.4		
69.2	R300S15	84	69.2 S	N	43	5		25	62.4 U	Under					-6.8		
64.5	R300S16	89	64.5 S	N	43	5		25	68.9 S	C					4.4		4.4
80.6	R305-1	16	80.6 S	Y	41	5		25	109.8 S	C					29.2		29.2
84.2	R305-2	21	84.2 S	Y	11	7		21	107.5 S	C					23.3		23.3
93.9	R305-3	26	93.9 S	Y	43	5		25	105.6 S	C					11.7		11.7
88.1	R305-4	31	88.1 S	Y	41	5		25	104.1 S	C					16		16
64.1	R305-5	35	64.1 S	Y	21	2		18	102.9 S	C					38.8		38.8
54.8	R305-6	41	54.8 U	N	41	5		25	99.8 S	Over					45		
75.3	R305-7	45	75.3 S	N	42	5		25	76.2 S	C					0.9		0.9
63.4	R305-8	50	63.4 U	N	41	5		25	70.4 S	Over					7		
89.2	R305-9	55	89.2 S	N	21	2		18	98.9 S	C					9.7		9.7
61.6	R305S-10	59	61.6 U	Y	21	2		18	68.5 S	Over					6.9		
64.9	R305S-11	64	64.9 S	N	43	5		25	54.8 U	Under					-10.1		
73.8	R305S-12	70	73.8 S	N	21	2		18	87 S	C					13.2		13.2
73.7	R305S-13	74	73.7 S	N	43	5		25	86.4 S	C					12.7		12.7
54.6	R305S-14	80	54.6 U	N	43	5		25	38.1 U	C					-16.5		-16.5
38.3	R305S-15	84	38.3 U	N	21	2		18	29.4 U	C					-8.9		-8.9
38.1	R305S-16	88	38.1 U	N	43	5		25	42.5 U	C					4.4		4.4
83.1	C1-1	9.6	15	83.1 S	12	9	Y		10	93.4	0	93.4 S	C		C1-1		83.4
72.1	C1-2	9.1	15	72.1 S	12	9	N		10	93.4	2.8	90.6 S	C		C1-2		90.6
72	C1-3	8.4	14	72 S	14	1	N		6	94	2.5	91.5 S	C		C1-3		91.5
89.4	C1-4	9.7	16	89.4 S	12	9	N		10	92.8	3.2	89.6 S	C		C1-4		89.6
79.5	C1-5	8.7	14	79.5 S	12	9	N		10	94	2.8	91.2 S	C		C1-5		91.2
77.3	C1-6	9.8	16	77.3 S	11	7	N		10	92.8	3.4	89.4 S	C		C1-6		89.4
78.4	C1-7	9.3	15	78.4 S	17	8	N		10	93.4	3.3	90.1 S	C		C1-7		90.1
70.9	C1-8	8.8	14	70.9 S	11	7	N		10	94	3.1	90.9 S	C		C1-8		90.9
73.9	C2-1	28.75	46	73.9 S	21	2	N		7	83.6	5.1	78.5 S	C		C2-1		78.5
70.5	C2-2	28.35	46	70.5 S	21	2	N		7	83.6	4.7	78.9 S	C		C2-2		78.9
73	C2-3	28	45	73 S	11	7	N		10	83.8	4.4	79.4 S	C		C2-3		79.4
68.8	C2-4	28.98	47	68.8 S	11	7	N		10	83.5	5.5	78 S	C		C2-4		78
70.4	C2-5	28.4	46	70.4 S	11	7	N		10	83.6	5.3	78.3 S	C		C2-5		78.3
67.2	C2-6	29.36	47	67.2 S	11	7	N		10	83.5	5.7	77.8 S	C		C2-6		77.8
60.7	C2-7	29.2	47	60.7 S	11	7	N		10	83.5	5.4	78.1 S	C		C2-7		78.1
62.1	C2-8	28.85	46	62.1 S	11	7	N		10	83.6	5.7	77.9 S	C		C2-8		77.9
105.2	C3-1	2.76	4	105.2 S	11	7	Y		10	104.9	0	104.9 S	C		C3-1		94.9
102.5	C3-2	1.83	3	102.5 S	11	7	Y		10	107.4	0	107.4 S	C		C3-2		97.4
108	C3-3	2.79	4	108 S	11	7	Y		10	104.9	0	104.9 S	C		C3-3		94.9
114.8	C3-4	1.83	3	114.8 S	12	9	Y		10	107.4	0	107.4 S	C		C3-4		97.4
102.8	C3-5	2.35	4	102.8 S	11	7	Y		10	104.9	0	104.9 S	C		C3-5		94.9
84	G1A1	10.8	17	84 S	11	7	N		10	92.3	4	88.3 S	C		G1A1		88.3
84.8	G1A2	9.6	15	84.8 S	12	9	N		10	93.4	3.2	90.2 S	C		G1A2		90.2
77.9	G1A3	8.7	14	77.9 S	17	8	N		10	94	2.7	91.3 S	C		G1A3		91.3
78.4	G1A4	7.86	13	78.4 S	11	7	N		10	94.6	2.2	92.4 S	C		G1A4		92.4
85.4	G1A5	6.9	11	85.4 S	11	7	N		10	96.1	1.7	94.4 S	C		G1A5		94.4
85.8	G1B1	11	18	85.8 S	11	7	N		10	91.8	4.1	87.7 S	C		G1B1		87.7
74.7	G1B2	9.9	16	74.7 S	11	7	N		10	92.8	3.2	89.6 S	C		G1B2		89.6
75.8	G1B3	9	14	75.8 S	12	9	N		10	94	0	94 S	C		G1B3		94
73.6	G1B4	8	13	73.6 S	11	7	N		10	94.6	2.3	92.3 S	C		G1B4		92.3
90.2	G1B5	7.1	11	90.2 S	12	9	Y		10	96.1	0.3	95.8 S	C		G1B5		85.8
85.3	G1C1	11.2	18	85.3 S	11	7	N		10	91.8	4	87.8 S	C		G1C1		87.8
75	G1C2	10.1	16	75 S	13	9	Y		10	92.8	0	92.8 S	C		G1C2		82.8
56.9	G1C3	9.2	15	56.9 S	12	9	N		10	93.4	3.1	90.3 S	C		G1C3		90.3
76.3	G1C4	8.1	13	76.3 S	12	9	N		10	94.6	2.5	92.1 S	C		G1C4		92.1
84.6	G1C5	7.29	12	84.6 S	11	7	N		10	95.3	2.5	92.8 S	C		G1C5		92.8
85.6	G1D1	11.4	18	85.6 S	12	9	N		10	91.8	4.2	87.6 S	C		G1D1		87.6
84.3	G1D2	10.5	17	84.3 S	11	7	N		10	92.3	1.4	90.9 S	C		G1D2		90.9
76.6	G1D3	9.6	15	76.6 S	11	7	N		10	93.4	2.5	90.9 S	C		G1D3		90.9
75.5	G1D4	8.6	14	75.5 S	12	9	N		10	94	2.4	91.6 S	C		G1D4		91.6
85	G1D5	7.67	12	85 S	11	7	N		10	95.3	2.5	92.8 S	C		G1D5		92.8
84.5	G1E1	11.9	19	84.5 S	12	9	N		10	91.3	1.2	90.1 S	C		G1E1		90.1
73.2	G1E2	10.9	18	73.2 S	21	2	Y		7	91.8	0.3	91.5 S	C		G1E2		84.5
72.6	G1E3	10	16	72.6 S	11	7	N		10	92.8	3.8	89 S	C		G1E3		89
66.8	G1E4	9.1	15	66.8 S	17	8	N		10	93.4	3.3	90.1 S	C		G1E4		90.1
81	G1E5	8.4	14	81 S	17	8	N		10	94	2.6	91.4 S	C		G1E5		91.4
69.1	G2A1	28.71	46	69.1 S	12	9	N		10	83.6	4.1	79.5 S	C		G2A1		79.5
66.4	G2A2	27.98	45	66.4 S	11	7	N		10	83.8	6.2	77.6 S	C		G2A2		77.6
70.2	G2A3	27.37	44	70.2 S	41	5	N		7	84	10.4	73.6 S	C		G2A3		73.6
53.1	G2A4	26.6	43	53.1 S	41	5	N		7	84.2	8.6	75.6 S	C		G2A4		75.6
65.9	G2A5	25.8	42	65.9 S	11	7	N		10	84.4	5.4	79 S	C		G2A5		79
64.8	G2B1	29.4	47	64.8 S	43	5	N		7	83.5	16.3	67.2 S	C		G2B1		67.2
69.8	G2B2	28.63	46	69.8 S	11	7	N		10	83.6	3.9	79.7 S	C		G2B2		79.7
71.5	G2B3	28	45	71.5 S	11	7	N		10	83.8	4.6	79.2 S	C		G2B3		79.2
70	G2B4	27.25	44	70 S	11	7	N		10	84	7.2	76.8 S	C		G2B4		76.8
72.7	G2B5	26.7	43	72.7 S	43	5	N		7	84.2	4.3	79.9 S	C		G2B5		79.9
55.9	G2C1	30.03	48	55.9 S	43	5	N		7	83.3	20.3	63 S	C		G2C1		63
72.3	G2C2	29.4	47	72.3 S	12	9	N		10	83.5	6.8	76.7 S	C		G2C2		76.7
63.5	G2C3	28.56	46	63.5 S	43	5	N		7	83.6	4.2	79.4 S	C		G2C3		79.4

69.2	G2C4	28.1	45	69.2 S	11	7	N	10	83.8	5.3	78.5 S	C	G2C4	78.5
60.4	G2C5	27.4	44	60.4 S	12	9	N	10	84	6	78 S	C	G2C5	78
63.1	G2D1	30.7	49	63.1 S	21	2	N	7	83.1	11	72.1 S	C	G2D1	72.1
66.2	G2D2	30.15	49	66.2 S	11	7	N	10	83.1	19.1	64 S	C	G2D2	64
59.2	G2D3	29.46	47	59.2 S	12	9	N	10	83.5	5.8	77.7 S	C	G2D3	77.7
68.3	G2D4	28.7	46	68.3 S	11	7	N	10	83.6	6.6	77 S	C	G2D4	77
73.1	G2D5	28	45	73.1 S	11	7	N	10	83.8	3.5	80.3 S	C	G2D5	80.3
59.7	G2E1	31.68	51	59.7 S	43	5	N	7	82.7	21.7	61 S	C	G2E1	61
61.7	G2E2	30.8	50	61.7 S	11	7	N	10	82.9	10.9	72 S	C	G2E2	72
58.9	G2E3	30.1	48	58.9 S	11	7	N	10	83.3	5.9	77.4 S	C	G2E3	77.4
72.1	G2E4	29.5	47	72.1 S	43	5	N	7	83.5	3.9	79.6 S	C	G2E4	79.6
65.7	G2E5	27.9	45	65.7 S	12	9	N	10	83.8	3.4	80.4 S	C	G2E5	80.4
88.6	R050-1	9.38	15	88.6 S	43	5	Y	7	93.4	0	93.4 S	C	R050-1	86.4
63.2	R050-2	13	21	63.2 S	21	2	Y	7	90.5	0	90.5 S	C	R050-2	83.5
56.3	R050-3	16	26	56.3 S	21	2	N	7	88.6	0.5	88.1 S	C	R050-3	88.1
55.2	R050-4	18.92	30	55.2 S	76	1	N	6	87.4	8.3	79.1 S	C	R050-4	79.1
56.3	R050-5	21.6	35	56.3 S	21	2	N	7	86	10.2	75.8 S	C	R050-5	75.8
48.7	R050-6	24.62	40	48.7 S	21	2	N	7	84.9	1.7	83.2 S	C	R050-6	83.2
43.2	R050-7	27.6	44	43.2 U	21	2	N	7	84	20.9	63.1 S	Over	R050-7	63.1
36.4	R050-8	30.5	49	36.4 U	21	2	N	7	83.1	19.6	63.5 S	Over	R050-8	63.5
80.1	R050-9	33.4	54	80.1 S	41	5	N	7	82.3	17.5	64.8 S	C	R050-9	64.8
78.6	R050S-10	36.97	59	78.6 S	21	2	N	7	81.5	17.4	64.1 S	C	R050S-10	64.1
71.1	R050S-11	39.9	64	71.1 S	21	2	N	7	80.8	22.2	58.6 S	C	R050S-11	58.6
67.5	R050S-12	42.8	69	67.5 S	21	2	N	7	80.1	27.6	52.5 S	C	R050S-12	52.5
70.6	R050S-13	45.9	74	70.6 S	41	5	N	7	79.5	30.9	48.6 S	C	R050S-13	48.6
73	R050S-14	48.7	78	73 S	21	2	N	7	79.1	43.1	36 U	Under	R050S-14	36
60.2	R050S-15	51.8	83	60.2 S	41	5	N	7	78.5	41.5	37 U	Under	R050S-15	37
62.6	R050S-16	55.18	89	62.6 S	41	5	N	7	77.9	25.6	52.3 S	C	R050S-16	52.3
78.1	R085-1	10.2	16	78.1 S	41	5	N	7	92.8	3.8	89 S	C	R085-1	89
59.8	R085-2	13.1	21	59.8 S	42	5	N	7	90.5	1.7	88.8 S	C	R085-2	88.8
62.4	R085-3	16	26	62.4 S	43	5	Y	7	88.6	0	88.6 S	C	R085-3	81.6
72	R085-4	18.9	30	72 S	21	2	N	7	87.4	3.8	83.6 S	C	R085-4	83.6
53.9	R085-5	21.9	35	53.9 S	21	2	N	7	86	8.8	77.2 S	C	R085-5	77.2
57.9	R085-6	24.99	40	57.9 S	41	5	N	7	84.9	13.4	71.5 S	C	R085-6	71.5
60	R085-7	27.9	45	60 S	21	2	N	7	83.8	4.7	79.1 S	C	R085-7	79.1
52.2	R085-8	30.8	50	52.2 S	21	2	N	7	82.9	24.1	58.8 S	C	R085-8	58.8
65.9	R085-9	34.2	55	65.9 S	42	5	N	7	82.1	15.5	66.6 S	C	R085-9	66.6
70.2	R085S-10	37	60	70.2 S	41	5	N	7	81.3	32.7	48.6 S	C	R085S-10	48.6
70.7	R085S-11	40.3	65	70.7 S	43	5	N	7	80.6	17.8	62.8 S	C	R085S-11	62.8
63.7	R085S-12	43	69	63.7 S	41	5	N	7	80.1	26.9	53.2 S	C	R085S-12	53.2
61.7	R085S-13	45.6	73	61.7 S	43	5	N	7	79.6	32.1	47.5 S	C	R085S-13	47.5
73.9	R085S-14	48.8	79	73.9 S	41	5	N	7	78.9	24	54.9 S	C	R085S-14	54.9
65.4	R085S-15	51.8	83	65.4 S	21	2	N	7	78.5	12.9	65.6 S	C	R085S-15	65.6
59.9	R085S-16	54.9	88	59.9 S	21	2	N	7	78	27.8	50.2 S	C	R085S-16	50.2
88	R110-1	10.3	17	88 S	21	2	N	7	92.3	4.4	87.9 S	C	R110-1	87.9
56.2	R110-2	13	21	56.2 S	21	2	N	7	90.5	4.3	86.2 S	C	R110-2	86.2
67	R110-3	16.1	26	67 S	21	2	N	7	88.6	7.6	81 S	C	R110-3	81
60.1	R110-4	18.9	30	60.1 S	43	5	Y	7	87.4	0	87.4 S	C	R110-4	80.4
53.4	R110-5	22.1	36	53.4 S	21	2	Y	7	85.8	0	85.8 S	C	R110-5	78.8
64.3	R110-6	25.5	41	64.3 S	21	2	N	7	84.6	4.9	79.7 S	C	R110-6	79.7
48.3	R110-7	28.01	45	48.3 S	21	2	N	7	83.8	25.6	58.2 S	C	R110-7	58.2
48.8	R110-8	31.4	51	48.8 S	42	5	N	7	82.7	23.7	59 S	C	R110-8	59
83	R110-9	33.9	55	83 S	42	5	N	7	82.1	19	63.1 S	C	R110-9	63.1
78.8	R110S-10	36.7	59	78.8 S	61	5	N	7	81.5	20.7	60.8 S	C	R110S-10	60.8
78.7	R110S-11	40.5	65	78.7 S	42	5	N	7	80.6	13	67.6 S	C	R110S-11	67.6
77.8	R110S-12	42.88	69	77.8 S	43	5	N	7	80.1	13.6	66.5 S	C	R110S-12	66.5
78.5	R110S-13	45.98	74	78.5 S	41	5	N	7	79.5	34.8	44.7 U	Under	R110S-13	44.7
65.6	R110S-14	49.3	79	65.6 S	43	5	N	7	78.9	13.7	65.2 S	C	R110S-14	65.2
67.2	R110S-15	52.2	84	67.2 S	41	5	N	7	78.4	26.7	51.7 S	C	R110S-15	51.7
62	R110S-16	54.8	88	62 S	41	5	N	7	78	35.3	42.7 U	Under	R110S-16	42.7
82.1	R185-1	9.98	16	82.1 S	42	5	N	7	92.8	0.8	92 S	C	R185-1	92
61	R185-2	13.04	21	61 S	11	7	N	10	90.5	5.6	84.9 S	C	R185-2	84.9
64	R185-3	16.07	26	64 S	43	5	N	7	88.6	7.6	81 S	C	R185-3	81
59.2	R185-4	18.84	30	59.2 S	11	7	N	10	87.4	9.5	77.9 S	C	R185-4	77.9
57.4	R185-5	22.02	35	57.4 S	21	2	N	7	86	3.6	82.4 S	C	R185-5	82.4
54.4	R185-6	24.9	40	54.4 S	43	5	N	7	84.9	13.1	71.8 S	C	R185-6	71.8
50.3	R185-7	28.28	46	50.3 S	42	5	N	7	83.6	7	76.6 S	C	R185-7	76.6
43.3	R185-8	30.98	50	43.3 U	43	5	N	7	82.9	18.6	64.3 S	Over	R185-8	64.3
74.2	R185-9	34.25	55	74.2 S	43	5	N	7	82.1	18.7	63.4 S	C	R185-9	63.4
77.6	R185S-10	37.2	60	77.6 S	43	5	N	7	81.3	16	65.3 S	C	R185S-10	65.3
73.4	R185S-11	40.29	65	73.4 S	43	5	N	7	80.6	14	66.6 S	C	R185S-11	66.6
72.7	R185S-12	43.3	70	72.7 S	43	5	N	7	80	16.9	63.1 S	C	R185S-12	63.1
72.8	R185S-13	45.84	74	72.8 S	21	2	N	7	79.5	26.3	53.2 S	C	R185S-13	53.2
70.1	R185S-14	49.2	79	70.1 S	42	5	N	7	78.9	31.4	47.5 S	C	R185S-14	47.5
61.3	R185S-15	51.9	84	61.3 S	42	5	N	7	78.4	33.8	44.6 U	Under	R185S-15	44.6
63.2	R185S-16	54.5	88	63.2 S	21	2	N	7	78	35.3	42.7 U	Under	R185S-16	42.7
74.1	R215-1	10.02	16	74.1 S	43	5	N	7	92.8	3.5	89.3 S	C	R215-1	89.3
33.5	R215-2	13.02	21	33.5 U	42	5	Y	7	90.5	0	90.5 S	Over	R215-2	83.5
46.6	R215-3	15.6	25	46.6 U	42	5	N	7	88.9	1.4	87.5 S	Over	R215-3	87.5
50.7	R215-4	19	31	50.7 S	41	5	N	7	87.1	1.3	85.8 S	C	R215-4	85.8
55	R215-5	22	35	55 S	43	5	N	7	86	3.6	82.4 S	C	R215-5	82.4
56.1	R215-6	25.29	41	56.1 S	51	4	N	0	84.6	21	63.6 S	C	R215-6	63.6
55.1	R215-7	28.5	46	55.1 S	11	7	N	10	83.6	3.6	80 S	C	R215-7	80
46.8	R215-8	30.7	49	46.8 U	21	2	N	7	83.1	22.1	61 S	Over	R215-8	61
82.5	R215-9	33.8	54	82.5 S	43	5	N	7	82.3	13.6	68.7 S	C	R215-9	68.7
74.8	R215S-10	37.06	60	74.8 S	43	5	N	7	81.3	22.9	58.4 S	C	R215S-10	58.4
68.4	R215S-11	40.06	64	68.4 S	21	2	N	7	80.8	21.6	59.2 S	C	R215S-11	59.2
77.1	R215S-12	43.32	70	77.1 S	21	2	N	7	80	26.3	53.7 S	C	R215S-12	53.7
62.4	R215S-13	46.35	75	62.4 S	21	2	N	7	79.4	20.9	58.5 S	C	R215S-13	58.5
66.3	R215S-14	49.6	80	66.3 S	43	5	N	7	78.8	17	61.8 S	C	R215S-14	61.8
58.5	R215S-15	52.2	84	58.5 S	21	2	N	7	78.4	33.9	44.5 U	Under	R215S-15	44.5
56.6	R215S-16	53.57	86	56.6 S	21	2	N	7	78.2	65.7	12.5 U	Under	R215S-16	12.5
86	R270-1	10.2	16	86 S	11	7	N	10	92.8	3.6	89.2 S	C	R270-1	89.2
60.6	R270-2	13	21	60.6 S	17	8	N	10	90.5	1.6	88.9 S	C	R270-2	88.9
60.5	R270-3	15.5	25	60.5 S	11	7	N	10	88.9	6.7	82.2 S	C	R270-3	82.2
49.2	R270-4	18.9	30	49.2 S	11	7	N	10	87.4	7.8	79.6 S	C	R270-4	79.6
58.5	R270-5	22	35	58.5 S	42	5	N	7	86	12.4	73.6 S	C	R270-5	73.6
52.5	R270-6	25	40	52.5 S	12	9	N	10	84.9	4.5	80.4 S	C	R270-6	80.4
50.5	R270-7	28	45	50.5 S	21	2	N	7	83.8	4.4	79.4 S	C	R270-7	79.4
48	R270-8	30.5	49	48 S	41	5	N	7	83.1	20.4	62.7 S	C	R270-8	62.7
81.4	R270-9	33.7	54	81.4 S	41	5	N	7	82.3	10.6	71.7 S	C	R270-9	71.7
72.6	R270S-10	36.9	59	72.6 S	11	7	N	10	81.5	6.2	75.3 S	C	R270S-10	75.3
71	R270S-11	39.2	63	71 S	21	2	N	7	80.9	31	49.9 S	C	R270S-11	49.9
72.8	R270S-12	42.9	69	72.8 S	21	2	N	7	80.1	31.5	48.6 S	C	R270S-12	48.6
67.7	R270S-13	45.9	74	67.7 S	21	2	N	7	79.5	21.1	58.4 S	C	R270S-13	58.4
66.5	R270S-14	48.79	79	66.5 S	43	5	N	7	78.9	32.4	46.5 U	Under	R270S-14	46.5
62.3	R270S-15	52	84	62.3 S	21	2	N	7	78.4	28.3	50.1 S	C	R270S-15	50.1
45	R270S-16	54.9	88	45 U	11	7	N	10	78	6.1	71.9 S	Over	R270S-16	71.9
83.8	R300-1	9.8	16	83.8 S	12	9	Y	10	92.8	0.9	91.9 S	C	R300-1	81.9
59.9	R300-2	13.3	21	59.9 S	41	5	N	7	90.5	5.8	84.7 S	C	R300-2	84.7
60.7	R300-3	16	26	60.7 S	41	5	N	7	88.6	7.5	81.1 S	C	R300-3	81.1
67.3	R300-4	19.01	31	67.3 S	41	5	N	7	87.1	9.4	77.7 S	C	R300-4	77.7
65.2	R300-5	21.9	35	65.2 S	41	5	N	7	86	17	69 S	C	R300-5	69
69.7	R300-6	25.1	40	69.7 S	43	5	N	7	84.9	15.2	69.7 S	C	R300-6	69.7
58.4	R300-7	28.5	46	58.4 S	42	5	N	7	83.6	8.8	74.8 S	C	R300-7	74.8
56.9	R300-8	31	50	56.9 S	11	7	N	10	82.9	5.9	77 S	C	R300-8	77
74.4	R300-9	33.9	55	74.4 S	21	2	N	7	82.1	6.2	75.9 S	C	R300-9	75.9
77.8	R300S-10	37.1	60	77.8 S	21	2	N	7	81.3	19.6	61.7 S	C	R300S-10	61.7
66.8	R300S-11	39.7	64	66.8 S	21	2	N	7	80.8	20.9	59.9 S	C	R300S-11	59.9
69.7	R300S-12	42.88	69	69.7 S	21	2	N	7	80.1	13.1	67 S	C	R300S-12	67
71.7	R300S-13	45.9	74	71.7 S	21	2	N	7	79.5	56.5	23 U	Under	R300S-13	23
72.9	R300S-14	48.8	79	72.9 S	41	5	N	7	78.9	38.5	40.4 U	Under	R300S-14	40.4
71	R300S-15	51.9	84	71 S	43	5	N	7	78.4	26.4	52 S	C	R300S-15	52
71.6	R300S-16	55.19	89	71.6 S	43	5	N	7	77.9	22.7	55.2 S	C	R300S-16	55.2
79.4	R305-1	10.2	16	79.4 S	41	5	N	7	92.8	1.5	91.3 S	C	R305-1	91.3
46.8	R305-2	12.9	21	46.8 U	11	7	N	10	90.5	3.4	87.1 S	Over	R305-2	87.1
58.7	R305-3	16	26	58.7 S	43	5	N	7	88.6	7.3	81.3 S	C	R305-3	81.3
57.2	R305-4	19.2	31	57.2 S	41	5	N	7	87.1	9.2	77.9 S	C	R305-4	77.9
53.9	R305-5	21.9	35	53.9 S	21	2	N	7	86	3.9	82.1 S	C	R305-5	82.1
61.2	R305-6	25.2	41	61.2 S	41	5	N	7	84.6	12.7	71.9 S	C	R305-6	71.9

46.6	R305-7	27.7	45	46.6 U	42	5	N		7	83.8	19.4	64.4 S		Over	R305-7	64.4					
47.2	R305-8	31.3	50	47.2 S	41	5	N		7	82.9	19.8	63.1 S		C	R305-8	63.1					
80.9	R305-9	33.9	55	80.9 S	21	2	N		7	82.1	6.5	75.6 S		C	R305-9	75.6					
73	R305S-10	36.9	59	73 S	21	2	N		7	81.5	26.4	55.1 S		C	R305S-10	55.1					
81.5	R305S-11	39.9	64	81.5 S	43	5	N		7	80.8	34.7	46.1 U		Under	R305S-11	46.1					
60.7	R305S-12	43.2	70	60.7 S	21	2	N		7	80	14.6	65.4 S		C	R305S-12	65.4					
60.6	R305S-13	45.9	74	60.6 S	43	5	N		7	79.5	21.2	58.3 S		C	R305S-13	58.3					
69.9	R305S-14	49.9	80	69.9 S	43	5	N		7	78.8	28.3	50.5 S		C	R305S-14	50.5					
64.4	R305S-15	52.3	84	64.4 S	21	2	N		7	78.4	42.1	36.3 U		Under	R305S-15	36.3					
69.1	R305S-16	55	88	69.1 S	43	5	N		7	78	39.2	38.8 U		Under	R305S-16	38.8					
86.8					69			86.8 S	N		21	2	7	80.8246 S		C			80.82	69	
57.6					182			57.6 S	N		41	5	7	0 U		Under			0	182	
37.1					295			37.1 U	N		21	2	7	0 U		Under WSI			0	295	
94.5					408			94.5 S	N		21	2	7	98.332 S		C			98.33	408	
70.3					521			70.3 S	N		41	5	7	66.8171 S		C			66.82	521	
85.4					634			85.4 S	N		11	7	10	94.6565 S		C			94.66	634	
52.1					747			52.1 S	N		43	5	7	51.2461 S		C			51.25	747	
56.1					860			56.1 S	N		43	5	7	59.3354 S		C			59.34	860	
74.1					973			74.1 S	N		21	2	7	61.5554 S		C			61.56	973	
69.8					1086			69.8 S	N		43	5	7	62.8811 S		C			62.88	1086	
86.7					1199			86.7 S	N		41	5	7	87.7184 S		C			87.72	1199	
91.5					1312			91.5 S	N		21	2	7	89.5484 S		C			89.55	1312	
92.5					1538			92.5 S	N		43	5	7	99.4612 S		C			99.46	1538	
76.2					1651			76.2 S	N		42	5	7	73.1902 S		C			73.19	1651	
66.5					1764			66.5 S	N		43	5	7	58.321 S		C			58.32	1764	
81.8					1877			81.8 S	N		11	7	10	83.7475 S		C			83.75	1877	
61.1					1990			61.1 S	N		43	5	7	55.2362 S		C			55.24	1990	
62.9					2329			62.9 S	N		21	2	7	62.0374 S		C			62.04	2329	
53.5					2442			53.5 S	N		11	7	10	50.6785 S		C			50.68	2442	
67.4					2555			67.4 S	N		21	2	7	61.2795 S		C			61.28	2555	
75.3					2781			75.3 S	N		43	5	7	82.1439 S		C			82.14	2781	
66.2					2894			66.2 S	N		21	2	7	29.3161 U		Under			29.32	2894	
69.1					3007			69.1 S	N		43	5	7	67.6279 S		C			67.63	3007	
55.6					3120			55.6 S	N		43	5	7	60.9473 S		C			60.95	3120	
73					3233			73 S	N		11	7	10	80.3804 S		C			80.38	3233	
78.2					3346			78.2 S	N		21	2	7	93.0278 S		C			93.03	3346	
85					3459			85 S	N		11	7	10	87.8096 S		C			87.81	3459	
68.5					3572			68.5 S	N		21	2	7	64.0877 S		C			64.09	3572	
46.7					3685			46.7 U	N		21	2	7	51.1002 S		C WFMY			51.1	3685	
63.7					3798			63.7 S	N		43	5	7	51.4369 S		C			51.44	3798	
79.4					3911			79.4 S	N		42	5	7	87.398 S		C			87.4	3911	
48					4024			48 S	N		23	2	7	0 U		Under			0	4024	
80.3					4137			80.3 S	N		42	5	7	80.512 S		C			80.51	4137	
64.6					4250			64.6 S	N		43	5	7	61.7045 S		C			61.7	4250	
77.4					4363			77.4 S	N		43	5	7	71.5908 S		C			71.59	4363	
69.5					4476			69.5 S	N		42	5	7	76.5996 S		C			76.6	4476	
66.7					4589			66.7 S	N		42	5	7	62.0921 S		C			62.09	4589	
80					4702			80 S	N		21	2	7	82.1344 S		C			82.13	4702	
62					4815			62 S	N		21	2	7	0 U		Under			0	4815	
61.3					4928			61.3 S	N		11	7	10	60.0873 S		C			60.09	4928	
84.2					5041			84.2 S	N		53	4	0	87.658 S		C			87.66	5041	
51.9					5154			51.9 S	N		21	2	7	48.0289 S		C			48.03	5154	
76					5267			76 S	N		17	8	10	81.5028 S		C			81.5	5267	
88					5380			88 S	N		21	2	7	88.935 S		C			88.94	5380	
83.6					5606			83.6 S	N		41	5	7	84.7705 S		C			84.77	5606	
82					5719			82 S	N		41	5	7	74.373 S		C			74.37	5719	
73.3					5832			73.3 S	N		41	5	7	70.3721 S		C			70.37	5832	
91.1					5945			91.1 S	N		41	5	7	92.9179 S		C			92.92	5945	
72.5					6058			72.5 S	N		43	5	7	64.067 S		C			64.07	6058	
88.8					6171			88.8 S	N		42	5	7	92.6045 S		C			92.6	6171	
90.8					6284			90.8 S	N		11	7	10	89.1261 S		C			89.13	6284	
63.2					6397			63.2 S	N		11	7	10	54.8961 S		C			54.9	6397	
93.1					6510			93.1 S	N		42	5	7	95.284 S		C			95.28	6510	
72.7					6623			72.7 S	N		21	2	7	69.7357 S		C			69.74	6623	
84.6					6736			84.6 S	N		43	5	7	86.8699 S		C			86.87	6736	
50.7					6849			50.7 S	N		11	7	10	0 U		Under			0	6849	
76.5					6962			76.5 S	N		41	5	7	86.2602 S		C			86.26	6962	
49.1					7075			49.1 S	N		41	5	7	29.2365 U		Under			29.24	7075	
64.2					7188			64.2 S	N		21	2	7	52.8735 S		C			52.87	7188	
58.3					7301			58.3 S	N		41	5	7	55.3857 S		C			55.39	7301	
60.7					7414			60.7 S	N		42	5	7	0 U		Under			0	7414	
93.4					7527			93.4 S	Y		21	2	7	100.8339 S		C			93.83	7527	
64.2					7640			64.2 S	N		41	5	7	73.7587 S		C			73.76	7640	
70.3					7753			70.3 S	N		11	7	10	80.9227 S		C			80.92	7753	
77.8					7866			77.8 S	N		76	1	6	47.417 S		C			47.42	7866	
57.4					7979			57.4 S	N		21	2	7	48.832 S		C			48.83	7979	
75.8					8092			75.8 S	N		11	7	10	76.399 S		C			76.4	8092	
73.8					8205			73.8 S	N		11	7	10	78.9425 S		C			78.94	8205	
57					8318			57 S	N		43	5	7	59.3354 S		C			59.34	8318	
70.4					8431			70.4 S	N		43	5	7	92.337 S		C			92.34	8431	
76					8544			76 S	N		11	7	10	0 U		Under			0	8544	
36.7					8770			36.7 U	N		42	5	7	0 U		C WSPA			0	8770	
31.1					8883			31.1 U	N		11	7	10	50.929 S		C WFMY			50.93	8883	
49.2					8996			49.2 S	N		41	5	7	0 U		Under			0	8996	
46.6					9109			46.6 U	N		11	7	10	67.4994 S		Over			67.5	9109	
77.1					9222			77.1 S	N		41	5	7	80.4791 S		C			80.48	9222	
59.9					9335			59.9 S	N		21	2	7	55.0449 S		C			55.04	9335	
72.5					9448			72.5 S	N		41	5	7	67.8419 S		C			67.84	9448	
58.2					9561			58.2 S	N		43	5	7	0 U		Under			0	9561	
60.8					9674			60.8 S	N		43	5	7	51.7228 S		C			51.72	9674	
76.5					9787			76.5 S	N		21	2	7	71.5666 S		C			71.57	9787	
90.4					9900			90.4 S	N		11	7	10	88.7011 S		C			88.7	9900	
52.7					10013			52.7 S	Y		41	5	7	114.908 S		C			107.91	10013	
67.2					10126			67.2 S	N		11	7	10	61.7429 S		C			61.74	10126	
70.8					10239			70.8 S	N		11	7	10	65.0632 S		C			65.06	10239	
34.3					10352			34.3 U	N		12	9	10	0 U		C WSPA			0	10352	
82.4					10465			82.4 S	N		21	2	7	89.0107 S		C			89.01	10465	
78.4					10578			78.4 S	N		11	7	10	80.5291 S		C			80.53	10578	
72.1					10691			72.1 S	N		41	5	7	69.7334 S		C			69.73	10691	
86.5					10804			86.5 S	N		11	7	10	85.5616 S		C			85.56	10804	
60.7					10917			60.7 S	N		21	2	7	56.6618 S		C			56.66	10917	
70.7					11030			70.7 S	N		43	5	7	59.8721 S		C			59.87	11030	
77.1					11143			77.1 S	N		41	5	7	80.4791 S		C			80.48	11143	
69.3					11256			69.3 S	N		11	7	10	79.5363 S		C			79.54	11256	
83.1					11369			83.1 S	N		21	2	7	81.2807 S		C			81.28	11369	
77					11482			77 S	N		21	2	7	78.7425 S		C			78.74	11482	
93.8					11595			93.8 S	N		21	2	7	96.3405 S		C			96.34	11595	
93.2					11708			93.2 S	N		21	2	7	90.9537 S		C			90.95	11708	
78.1					11821			78.1 S	N		12	9	10	89.2195 S		C			89.22	11821	
85.12							85.12 S		43	8	0	-8 U		Under							
89.7								89.7 S	N	21	2	8	76.334 S		C		76.33	3685 S			
73.7								73.7 S	N	11	7	12	57.7206 S		C		57.72	8883 S			
80.5					7			80.5 S	N		21	2	7	89.7243	7 S	C			89.72		
85.4					15			85.4 S	N		12	9	10	94.0866	15 S	C			94.09		
73.6					23			73.6 S	N		76	1	6	82.2704	23 S	C			82.27		
66.6					31			66.6 S	N		42	5	7	80.56	31 S	C			80.56		
76.3					39			76.3 S	N		12	9	10	94.8008	39 S	C			94.8		
77.4					47			77.4 S	N		11	7	10	87.7975	47 S	C			87.8		
87.7					55			87.7 S	N		11	7	10	102.0704	55 S	C			102.07		
76.3					63			76.3 S	N		21	2	7	80.4066	63 S	C			80.41		
76.7					71			76.7 S	N		76	1	6	84.3329	71 S	C			84.33		
99.7					79			99.7 S	Y		12	9	10	109.6025	79 S	C			99.6		
91.3					87			91.3 S	Y		11	7	10	109.2719	87 S	C			99.27		
72.8					95			71.9 S	N		11	7	10	83.4638	95 S	C			83.46		
80.9					103			80.9 S	N		11	7	10	90.8883	103 S	C			90.89		
96.8					111			96.8 S	Y		11	7	10	105.7967	111 S	C			95.8		
87.3					119			87.3 S	N		12	9	10	94.5421	119 S	C			94.54		
63.6					127			63.6 S	N		76	1	6	72.5746	127 S	C			72.57		
93.5					135			93.5 S	N		11	7	10	98.6361	135 S	C			98.64		
87.9					143			87.9 S	N		17	8	10	98.8622	143 S	C			98.86		

71.7	151	71.7 S	N	11	7	10	82.005	151 S	C	82.01
77.5	159	77.5 S	N	17	8	10	91.6843	159 S	C	91.68
80.6	167	80.6 S	N	11	7	10	88.5541	167 S	C	88.55
89.7	175	89.7 S	N	11	7	10	97.252	175 S	C	97.25
69.5	183	68.5 S	N	21	2	7	77.1467	183 S	C	77.15
85.9	191	85.9 S	N	21	2	7	99.7152	191 S	C	99.72
107	199	107 S	Y	11	7	10	111.2318	199 S	C	101.23
82.1	207	82.1 S	N	11	7	10	95.3096	207 S	C	95.31
80.8	215	80.8 S	N	11	7	10	89.9959	215 S	C	90
71	223	71 S	N	12	9	10	90.0084	223 S	C	90.01
70	231	70 S	N	11	7	10	78.2102	231 S	C	78.21
81.2	239	81.2 S	N	11	7	10	89.3468	239 S	C	89.35
75.2	247	74.3 S	N	12	9	10	83.0559	247 S	C	83.06
93.9	255	93.9 S	Y	14	1	6	112.9963	255 S	C	107
87.2	263	87.2 S	Y	31	3	7	111.0331	263 S	C	104.03
88.7	271	88.7 S	N	21	2	7	95.1349	271 S	C	95.13
70.3	279	70.3 S	N	21	2	7	99.7528	279 S	C	99.75
88.8	287	88.8 S	N	31	3	7	101.3949	287 S	C	101.39
84.6	295	84.6 S	N	11	7	10	104.0593	295 S	C	104.06
98.2	303	98.2 S	Y	11	7	10	107.6339	303 S	C	97.63
82.5	311	82.5 S	N	11	7	10	95.3258	311 S	C	95.33
80.2	319	80.2 S	N	15	9	10	94.1112	319 S	C	94.11
77.4	327	77.4 S	N	11	7	10	92.1272	327 S	C	92.13
111	335	111 S	Y	12	9	10	110.6434	335 S	C	100.64
74	343	74 S	N	11	7	10	89.6576	343 S	C	89.66
83.3	351	83.3 S	N	13	9	10	88.4082	351 S	C	88.41
93.8	359	93.8 S	N	17	8	10	91.4085	359 S	C	91.41
89	367	89 S	N	12	9	10	98.2167	367 S	C	98.22
71.4	375	71.4 S	N	21	2	7	79.8665	375 S	C	79.87
87.3	383	87.3 S	N	11	7	10	94.3093	383 S	C	94.31
85.8	391	85.8 S	N	11	7	10	97.2312	391 S	C	97.23
81.5	399	81.5 S	N	12	9	10	87.3961	399 S	C	87.4
72	407	70.7 S	N	21	2	7	78.1742	407 S	C	78.17
85.7	415	85.7 S	N	11	7	10	97.0307	415 S	C	97.03
73	423	73 S	N	11	7	10	80.0409	423 S	C	80.04
87.9	431	87.9 S	N	11	7	10	100.1638	431 S	C	100.16
86.1	439	86.1 S	N	11	7	10	96.5174	439 S	C	96.52
98.3	447	98.3 S	Y	11	7	10	107.1559	447 S	C	97.16
104.5	455	104.5 S	Y	11	7	10	110.0451	455 S	C	100.05
86.7	463	86.7 S	N	12	9	10	103.4127	463 S	C	103.41
92.9	471	92.9 S	N	11	7	10	94.2993	471 S	C	94.3
75.5	479	74.6 S	N	21	2	7	82.4987	479 S	C	82.5
97.1	487	97.1 S	Y	11	7	10	109.9092	487 S	C	99.91
103	495	103 S	Y	11	7	10	109.9131	495 S	C	99.91
110.2	503	110.2 S	Y	11	7	10	112.0229	503 S	C	102.02
80.9	511	80.9 S	N	11	7	10	90.8883	511 S	C	90.89
71.7	519	71.7 S	N	11	7	10	83.3447	519 S	C	83.34
89.6	527	89.6 S	N	11	7	10	98.841	527 S	C	98.84
97.7	535	97.7 S	Y	21	2	7	104.9121	535 S	C	97.91
85.8	543	85.8 S	N	11	7	10	96.6375	543 S	C	96.64
77	551	76.1 S	N	62	6	0	84.3075	551 S	C	84.31
77.4	559	77.4 S	N	14	1	6	87.9542	559 S	C	87.95
77.6	567	77.6 S	N	21	2	7	84.9067	567 S	C	84.91
65.5	575	65.5 S	N	11	7	10	76.6748	575 S	C	76.67
76.1	583	75.1 S	N	62	6	0	84.4873	583 S	C	84.49
81.4	591	81.4 S	N	21	2	7	90.5094	591 S	C	90.51
68.8	599	67.9 S	N	21	2	7	75.4256	599 S	C	75.43
75.8	607	75.8 S	N	76	1	6	87.7563	607 S	C	87.76
85.9	615	85.9 S	N	11	7	10	96.5723	615 S	C	96.57
80.1	623	80.1 S	N	11	7	10	80.7899	623 S	C	80.79
87.6	631	87.6 S	N	11	7	10	104.3333	631 S	C	104.33
106.1	639	106.1 S	Y	11	7	10	111.8449	639 S	C	101.84
76.9	647	72.8 S	N	21	2	7	75.6075	647 S	C	75.61
78.1	655	78.1 S	N	11	7	10	89.7463	655 S	C	89.75
73.5	663	73.5 S	N	11	7	10	81.4168	663 S	C	81.42
109.7	671	109.7 S	Y	11	7	10	112.6499	671 S	C	102.65
82.1	679	82.1 S	N	11	7	10	87.8967	679 S	C	87.9
92	687	92 S	N	11	7	10	99.7991	687 S	C	99.8
87.2	695	87.2 S	N	11	7	10	95.9935	695 S	C	95.99
95.4	703	95.4 S	Y	11	7	10	113.0545	703 S	C	103.05
83.3	711	83.3 S	N	13	9	10	88.4082	711 S	C	88.41
71	719	71 S	N	12	9	10	90.0084	719 S	C	90.01
91.9	727	91.9 S	N	11	7	10	102.4921	727 S	C	102.49
115.4	735	115.4 S	Y	11	7	10	111.6547	735 S	C	101.65
110.5	743	110.5 S	Y	14	1	6	113.1617	743 S	C	107.16
82.9	751	82.9 S	N	22	2	7	96.1614	751 S	C	96.16
91	759	91 S	N	11	7	10	102.827	759 S	C	102.83
84.9	767	84.9 S	N	11	7	10	102.9931	767 S	C	102.99
110.2	775	110.2 S	Y	76	1	6	112.6464	775 S	C	106.65
69.3	783	67.7 S	N	11	7	10	77.6039	783 S	C	77.6
71	791	71 S	N	12	9	10	90.0084	791 S	C	90.01
73.9	799	73.9 S	N	11	7	10	83.2603	799 S	C	83.26

34.2	81	34.2 U	N	22	2	14	45.505 U	C	45.51 U		81
64.2	1956	64.2 S	N	21	2	14	70.8185 S	C	70.82 S		1956
69.4	3531	69.4 S	N	11	7	16	81.0637 S	C	81.06 S		3531
58.3	4281	58.3 U	N	21	2	14	58.77 U	C	58.77 U		4281
89.7	4806	89.7 S	Y	11	7	16	85.1485 S	C	69.15 S		4806
81.9	6156	81.9 S	N	11	7	16	65.6479 S	C	65.65 S		6156
49.4	6381	49.4 U	N	11	7	16	51.7607 U	C	51.76 U		6381
67.9	7206	67.9 S	Y	11	7	16	87.294 S	C	71.29 S		7206
82.7	6	82.7 S	Y	43	5	8	101.2324 S	C	93.23	6 S	
48.7	81	48.7 U	N	22	2	8	62.2939 S	Over	62.29	81 S	
72.6	156	72.6 S	Y	43	5	8	81.5774 S	C	73.58	156 S	
68.2	231	68.2 S	N	21	2	8	76.645 S	C	76.65	231 S	
56.7	306	56.7 S	N	11	7	12	63.7353 S	C	63.74	306 S	
113.5	381	113.5 S	Y	12	9	15	109.8294 S	C	94.83	381 S	
83.5	456	83.5 S	N	51	4	0	104.9178 S	C	104.92	456 S	
60.5	531	60.5 S	N	21	2	8	61.2552 S	C	61.26	531 S	
72.1	606	72.1 S	N	11	7	12	87.1589 S	C	87.16	606 S	
100.2	681	100.2 S	Y	11	7	12	105.9592 S	C	93.96	681 S	
53.9	756	53.9 U	N	21	2	8	71.2276 S	Over	71.23	756 S	
77.9	831	77.9 S	N	21	2	8	65.9399 S	C	65.94	831 S	
62.9	906	62.9 S	N	21	2	8	93.4651 S	C	93.47	906 S	
46.1	981	46.1 U	N	11	7	12	57.4718 S	C WUSA	57.47	981 S	
48.2	1056	48.2 U	N	11	7	12	84.2843 S	C WUSA	84.28	1056 S	
53.6	1131	53.6 U	N	43	5	8	59.8913 S	C WUSA	59.89	1131 S	
64.1	1206	64.1 S	N	21	2	8	77.9774 S	C	77.98	1206 S	
68.6	1281	68.6 S	N	21	2	8	59.9726 S	C	59.97	1281 S	
47.6	1356	47.6 U	N	21	2	8	60.3086 S	C WUSA	60.31	1356 S	
39	1431	39 U	N	42	5	8	62.0463 S	C WUSA	62.05	1431 S	
51.6	1506	51.6 U	N	11	7	12	59.6247 S	C WUSA	59.62	1506 S	
56.2	1581	56.2 S	N	11	7	12	82.1444 S	C	82.14	1581 S	
76.9	1656	76.9 S	N	11	7	12	102.9523 S	C	102.95	1656 S	
43.9	1731	43.9 U	N	11	7	12	60.8082 S	C WUSA	60.81	1731 S	
112.3	1806	112.3 S	Y	11	7	12	110.6516 S	C	98.65	1806 S	
55	1881	55 U	N	11	7	12	77.3446 S	C WUSA	77.34	1881 S	
113.6	2031	113.6 S	Y	11	7	12	106.236 S	C	94.24	2031 S	
33.4	2106	33.4 U	N	12	9	15	63.1657 S	C WUSA	63.17	2106 S	
58.5	2181	58.5 S	N	43	5	8	65.4442 S	C	65.44	2181 S	
78.4	2256	78.4 S	N	11	7	12	85.437 S	C	85.44	2256 S	
59.5	2331	59.5 S	N	11	7	12	63.6474 S	C	63.65	2331 S	
62.4	2406	62.4 S	N	21	2	8	76.645 S	C	76.65	2406 S	
36.7	2481	36.7 U	N	11	7	12	0 U	C WUSA	0	2481 U	
103.1	2556	103.1 S	Y	11	7	12	107.7655 S	C	95.77	2556 S	
42.9	2631	42.9 U	N	21	2	8	0 U	Under WU!	0	2631 U	
70.1	2706	70.1 S	N	11	7	12	67.7798 S	C	67.78	2706 S	
70.7	2781	70.7 S	Y	11	7	12	95.4026 S	C	83.4	2781 S	
67.9	2856	67.9 S	N	11	7	12	63.5753 S	C	63.58	2856 S	
57.7	2931	57.7 S	N	43	5	8	70.1136 S	C	70.11	2931 S	
65.7	3006	65.7 S	N	11	7	12	89.9975 S	C	90	3006 S	

77.4	3081	77.4 S	N	11	7	12	82.9277 S	C	82.93	3081 S				
100.2	3156	100.2 S	Y	21	2	8	109.0263 S	C	101.03	3156 S				
77	3231	77 S	N	21	2	8	74.0733 S	C	74.07	3231 S				
72.1	3306	72.1 S	N	11	7	12	87.1589 S	C	87.16	3306 S				
85.6	3381	85.6 S	Y	11	7	12	85.7231 S	C	73.72	3381 S				
99.8	3456	99.8 S	Y	11	7	12	105.9339 S	C	93.93	3456 S				
27.9	3531	27.9 U	N	11	7	12	0 U	C WHP	0	3531 U				
45.7	3606	45.7 U	N	11	7	12	68.7885 S	C WUSA	68.79	3606 S				
113.7	3681	113.7 S	Y	11	7	12	109.8344 S	C	97.83	3681 S				
69	3756	69 S	N	41	5	8	66.9142 S	C	66.91	3756 S				
55.2	3831	55.2 U	N	11	7	12	83.1166 S	C WUSA	83.12	3831 S				
67.3	3906	67.3 S	N	21	2	8	0 U	Under	0	3906 U				
97.3	3981	97.3 S	Y	21	2	8	103.9136 S	C	95.91	3981 S				
56.3	4056	56.3 S	N	11	7	12	63.8094 S	C	63.81	4056 S				
102.1	4131	102.1 S	Y	11	7	12	110.7941 S	C	98.79	4131 S				
70.5	4206	70.5 S	N	11	7	12	102.1768 S	C	102.18	4206 S				
51.1	4281	51.1 U	N	21	2	8	0 U	C	0	4281 U				
46.4	4356	46.4 U	N	42	5	8	58.4288 S	C WUSA	58.43	4356 S				
45.8	4431	45.8 U	N	11	7	12	65.5402 S	C WUSA	65.54	4431 S				
84.2	4506	84.2 S	N	21	2	8	66.8846 S	C	66.88	4506 S				
57.2	4581	57.2 S	N	21	2	8	64.8919 S	C	64.89	4581 S				
97.3	4656	97.3 S	N	21	2	8	100.6409 S	C	100.64	4656 S				
43.1	4731	43.1 U	N	11	7	12	68.5071 S	C WUSA	68.51	4731 S				
55.5	4806	55.5 U	N	11	7	12	0 U	C WHP	0	4806 U				
72.4	4881	72.4 S	N	21	2	8	85.5235 S	C	85.52	4881 S				
78.6	4956	78.6 S	N	21	2	8	99.0343 S	C	99.03	4956 S				
68.7	5031	68.7 S	N	21	2	8	0 U	Under	0	5031 U				
51.7	5106	51.7 U	N	21	2	8	69.899 S	C WBOC	69.9	5106 S				
79.1	5181	79.1 S	N	11	7	12	92.2546 S	C	92.25	5181 S				
84	5256	84 S	N	21	2	8	82.584 S	C	82.58	5256 S				
72.6	5331	72.6 S	N	21	2	8	93.4651 S	C	93.47	5331 S				
72.1	5406	72.1 S	N	11	7	12	87.1589 S	C	87.16	5406 S				
72.1	5481	72.1 S	N	11	7	12	87.1589 S	C	87.16	5481 S				
98.8	5556	98.8 S	Y	11	7	12	108.9784 S	C	96.98	5556 S				
70.9	5631	70.9 S	N	21	2	8	71.1998 S	C	71.2	5631 S				
72.1	5706	72.1 S	N	11	7	12	87.1589 S	C	87.16	5706 S				
84.4	5781	84.4 S	N	43	5	8	99.7541 S	C	99.75	5781 S				
55.2	5856	55.2 U	N	21	2	8	86.7547 S	Over	86.75	5856 S				
59	5931	59 S	N	11	7	12	79.5672 S	C	79.57	5931 S				
39.7	6006	39.7 U	N	11	7	12	73.2144 S	C WUSA	73.21	6006 S				
45	6081	45 U	N	12	9	15	80.1115 S	C WUSA	80.11	6081 S				
42.8	6156	42.8 U	N	11	7	12	63.6002 S	C WHP	63.6	6156 S				
50.9	6231	50.9 U	N	43	5	8	56.8639 S	Over	56.86	6231 S				
60.1	6306	60.1 S	N	21	2	8	0 U	Under	0	6306 U				
27	6381	27 U	N	11	7	12	0 U	C	0	6381 U				
69.3	6456	69.3 S	N	11	7	12	77.41 S	C	77.41	6456 S				
92.8	6531	92.8 S	Y	43	5	8	105.6228 S	C	97.62	6531 S				
64.1	6606	64.1 S	N	41	5	8	77.8072 S	C	77.81	6606 S				
90.3	6756	90.3 S	N	21	2	8	103.9774 S	C	103.98	6756 S				
72.1	6831	72.1 S	N	11	7	12	87.1589 S	C	87.16	6831 S				
57	6906	57 S	N	11	7	12	60.9165 S	C	60.92	6906 S				
74.7	6981	74.7 S	N	21	2	8	78.5627 S	C	78.56	6981 S				
72.2	7056	72.2 S	N	11	7	12	85.5153 S	C	85.52	7056 S				
57.7	7131	57.7 S	N	21	2	8	68.2899 S	C	68.29	7131 S				
30.1	7206	30.1 U	N	11	7	12	0 U	C WHP	0	7206 U				
111.3	7281	111.3 S	Y	11	7	12	110.3878 S	C	98.39	7281 S				
68.7	7356	68.7 S	N	21	2	8	93.9438 S	C	93.94	7356 S				
64.9	7431	64.9 S	N	43	5	8	0 U	Under	0	7431 U				
69.3	7506	69.3 S	N	11	7	12	93.8515 S	C	93.85	7506 S				
68.1	7581	68.1 S	N	21	2	8	71.4209 S	C	71.42	7581 S				
61.3	7656	61.3 S	N	11	7	12	84.6109 S	C	84.61	7656 S				
77.1	7731	77.1 S	N	21	2	8	71.733 S	C	71.73	7731 S				
47.6	7806	47.6 U	N	11	7	12	64.8246 S	C WUSA	64.82	7806 S				
61.2	7881	61.2 S	N	14	1	7	79.2131 S	C	79.21	7881 S				
104.5	1	104.5 S	Y	12	9	17	127.5896 S	C	110.5896					
69	2	69 S	N	21	2	18	77.3508 S	C	77.3508					
60	3	60 U	N	11	7	21	0 U	C WWCP	0					
90.1	4	90.1 S	Y	11	7	21	118.3303 S	C	97.3303					
72.9	5	72.9 S	Y	11	7	21	117.6643 S	C	96.6643					
54.2	6	54.2 U	N	41	5	25	68.2365 S	Over	68.2365					
71.5	7	71.5 S	Y	11	7	21	117.2107 S	C	96.2107					
26.5	8	26.5 U	N	21	2	18	0 U	C	0					
52.8	9	52.8 U	N	11	7	21	68.392 S	Over	68.392					
71.5	10	71.5 S	Y	11	7	21	111.8449 S	C	90.8449					
92.8	11	92.8 S	Y	12	9	17	118.0657 S	C	101.0657					
74.4	12	74.4 S	Y	12	9	17	117.0252 S	C	100.0252					
30.9	13	30.9 U	N	12	9	17	0 U	C	0					
72.2	14	72.2 S	N	11	7	21	66.7148 S	C	66.7148					
60.5	15	60.5 U	N	12	9	17	0 U	C	0					
57.1	16	57.1 U	Y	76	1	16	107.8493 S	Over	91.8493					
112.5	17	112.5 S	Y	11	7	21	118.3272 S	C	97.3272					
104.5	18	104.5 S	Y	11	7	21	125.8796 S	C	104.8796					
63.2	19	63.2 U	N	11	7	21	108.525 S	Over	108.525					
84	20	84 S	N	11	7	21	80.6607 S	C	80.6607					
49.8	21	49.8 U	N	11	7	21	72.2473 S	Over	72.2473					
104.5	22	104.5 S	Y	12	9	17	127.5896 S	C	110.5896					
70.6	23	70.6 S	N	16	8	18	0 U	Under	0					
88.6	24	88.6 S	N	11	7	21	95.9012 S	C	95.9012					
71.4	25	71.4 S	N	12	9	17	78.8089 S	C	78.8089					
59.4	26	59.4 U	Y	11	7	21	80.5019 S	Over	59.5019					
47	27	47 U	N	11	7	21	0 U	C	0					
64	28	64 S	N	11	7	21	0 U	Under	0					
59.4	29	59.4 U	N	12	9	17	82.823 S	Over	82.823					
49.1	30	49.1 U	N	41	5	25	76.6385 S	Over	76.6385					
104.5	31	104.5 S	Y	12	9	17	127.5896 S	C	110.5896					
52.1	32	52.1 U	N	11	7	21	0 U	C	0					
47	33	47 U	N	11	7	21	86.261 S	Over	86.261					
41.5	34	41.5 U	N	11	7	21	0 U	C	0					
58	35	58 U	N	42	5	25	0 U	C	0					
81.7	36	81.7 S	Y	11	7	21	118.1937 S	C	97.1937					
78.1	37	78.1 S	Y	11	7	21	105.7868 S	C	84.7868					
93.5	38	93.5 S	Y	11	7	21	116.9092 S	C	95.9092					
60.1	39	60.1 U	N	11	7	21	73.7021 S	Over	73.7021					
67.7	40	67.7 S	N	11	7	21	86.7796 S	C	86.7796					
85.5	41	85.5 S	Y	11	7	21	116.9657 S	C	95.9657					
53.4	42	53.4 U	N	11	7	21	0 U	C	0					
61	43	61 U	N	12	9	17	93.0936 S	C WWCP	93.0936					
104.5	44	104.5 S	Y	12	9	17	127.5896 S	C	110.5896					
58.4	45	58.4 U	N	11	7	21	0 U	C	0					
75.8	46	75.8 S	Y	41	5	25	105.0741 S	C	80.0741					
66.8	47	66.8 S	N	11	7	21	77.0676 S	C	77.0676					
77	48	77 S	N	11	7	21	69.1966 S	C	69.1966					
57.8	49	57.8 U	N	11	7	21	0 U	Under WW	0					
28.5	50	28.5 U	N	41	5	25	0 U	C	0					
73.4	51	73.4 S	Y	11	7	21	104.7785 S	C	83.7785					
30.3	52	30.3 U	N	11	7	21	0 U	C	0					
104.5	53	104.5 S	Y	12	9	17	127.5896 S	C	110.5896					
78.3	54	78.3 S	Y	12	9	17	113.9228 S	C	96.9228					
71	55	71 S	N	21	2	18	91.5573 S	C	91.5573					
79.8	56	79.8 S	N	11	7	21	0 U	Under	0					
91.5	57	91.5 S	Y	11	7	21	126.1088 S	C	105.1088					
90.1	58	90.1 S	Y	11	7	21	116.9976 S	C	95.9976					
73.4	59	73.4 S	N	41	5	25	74.0512 S	C	74.0512					
72.8	60	72.8 S	Y	11	7	21	108.4657 S	C	87.4657					
111.4	61	111.4 S	Y	11	7	21	126.6973 S	C	105.6973					
83	62	83 S	Y	11	7	21	117.9467 S	C	96.9467					
104.5	63	104.5 S	Y	11	7	21	129.3813 S	C	108.3813					
59.1	64	59.1 U	Y	11	7	21	124.8094 S	Over	103.8094					
55.6	65	55.6 U	Y	11	7	21	113.4147 S	Over	92.4147					
74.9	66	74.9 S	N	11	7	21	79.6516 S	C	79.6516					

71.2	67	71.2 S	Y	11	7	21	71.1747 S	C	50.1747		
46.4	68	46.4 U	N	21	2	18	66.5057 S	Over	66.5057		
44	69	44 U	N	11	7	21	83.0297 S	C WWCP	83.0297		
52.7	70	52.7 U	Y	41	5	25	68.0121 S	Over	43.0121		
87.8	71	87.8 S	Y	11	7	21	113.7019 S	C	92.7019		
91.8	72	91.8 S	Y	11	7	21	117.1068 S	C	96.1068		
90.4	73	90.4 S	Y	11	7	21	111.1606 S	C	90.1606		
55.6	74	55.6 U	N	12	9	17	0 U	C	0		
102.5	75	102.5 S	Y	11	7	21	129.7027 S	C	108.7027		
56	76	56 U	N	12	9	17	0 U	C	0		
73.5	77	73.5 S	Y	11	7	21	94.8341 S	C	73.8341		
104.5	78	104.5 S	Y	12	9	17	127.5896 S	C	110.5896		
91	79	91 S	Y	14	1	16	124.8534 S	C	108.8534		
109	80	109 S	Y	11	7	21	118.2365 S	C	97.2365		
85.9	81	85.9 S	N	41	5	25	80.9691 S	C	80.9691		
69.1	82	69.1 S	N	11	7	21	78.8954 S	C	78.8954		
62.2	83	62.2 U	N	11	7	21	0 U	C	0		
62.9	84	62.9 U	N	12	9	17	79.9268 S	Over	79.9268		
71	85	71 S	Y	12	9	17	127.0453 S	C	110.0453		
107.5	86	107.5 S	Y	11	7	21	116.8147 S	C	95.8147		
61	87	61 U	N	11	7	21	78.4488 S	Over	78.4488		
35.9	88	35.9 U	N	11	7	21	0 U	C	0		
57.1	89	57.1 U	N	21	2	18	79.5346 S	Over	79.5346		
111.6	90	111.6 S	Y	12	9	17	117.7418 S	C	100.7418		
35.5	91	35.5 U	N	21	2	18	0 U	C	0		
54.4	92	54.4 U	N	11	7	21	0 U	C	0		
73.6	93	73.6 S	N	76	1	16	70.9575 S	C	70.9575		
71.1	94	71.1 S	Y	11	7	21	115.7779 S	C	94.7779		
38.5	95	38.5 U	N	21	2	18	0 U	C	0		
54.4	96	54.4 U	N	41	5	25	68.8195 S	Over	68.8195		
79.8	97	79.8 S	N	11	7	21	95.4484 S	C	95.4484		
93.5	98	93.5 S	Y	41	5	25	116.752 S	C	91.752		
61.5	99	61.5 U	N	12	9	17	0 U	C	0		
65.4	100	65.4 S	N	11	7	21	68.5883 S	C	68.5883		
104.5	101	104.5 S	Y	12	9	17	127.5896 S	C	110.5896		
71.7	102	71.7 S	N	41	5	25	79.6563 S	C	79.6563		
73.1	103	73.1 S	N	11	7	21	83.7621 S	C	83.7621		
73.9	104	73.9 S	Y	41	5	25	115.7352 S	C	90.7352		
77.7	1212	77.7 s	21	8	0 Under	-8 U	Under	-77.7			
65.5	9402	65.5 s			C		C	-65.5			
66.2	295	66.2 S	N	21	2	8	0 U	Under	0 U		
72.9	1425	72.9 S	N	21	2	8	68.4533 S	C	68.45 S		
67.9	8770	67.9 S	N	42	5	8	67.07 S	C	67.07 S		
69.7	10352	69.7 S	N	12	9	15	78.6715 S	C	78.67 S		
94.6	7	94.6 S	N	21	2	8	102.0971 S	C	102.1	7	
97.4	15	97.4 S	N	12	9	15	105.6233 S	C	105.62	15	
85.2	23	85.2 S	N	76	1	7	95.2331 S	C	95.23	23	
81	31	81 S	N	42	5	8	93.4054 S	C	93.41	31	
81.6	39	81.6 S	Y	12	9	15	106.3313 S	C	91.33	39	
89.9	47	89.9 S	N	11	7	12	101.093 S	C	101.09	47	
86.4	55	86.4 S	Y	11	7	12	109.6819 S	C	97.68	55	
88.8	63	88.8 S	N	21	2	8	92.9954 S	C	93	63	
86.3	71	86.3 S	N	76	1	7	96.942 S	C	96.94	71	
110.8	79	110.8 S	Y	12	9	15	111.0484 S	C	96.05	79	
101.6	87	101.6 S	Y	11	7	12	111.0076 S	C	99.01	87	
85.6	95	85.6 S	N	11	7	12	96.481 S	C	96.48	95	
90.1	103	90.1 S	N	11	7	12	103.5961 S	C	103.6	103	
107.8	111	107.8 S	Y	11	7	12	110.8941 S	C	98.89	111	
96.3	119	96.3 S	N	12	9	15	105.8191 S	C	105.82	119	
74.9	127	74.9 S	N	76	1	7	84.7594 S	C	84.76	127	
103.3	135	103.3 S	Y	11	7	12	107.6064 S	C	95.61	135	
102	143	102 S	Y	17	8	15	107.8789 S	C	92.88	143	
83.5	151	83.5 S	N	11	7	12	94.9874 S	C	94.99	151	
95.1	159	95.1 S	N	17	8	15	104.0459 S	C	104.05	159	
90.7	167	90.7 S	N	11	7	12	101.695 S	C	101.7	167	
99.4	175	99.4 S	Y	11	7	12	107.4078 S	C	95.41	175	
80.6	183	80.6 S	N	21	2	8	89.5529 S	C	89.55	183	
77.3	191	77.3 S	Y	21	2	8	107.6776 S	C	99.68	191	
112.9	199	112.9 S	Y	11	7	12	109.9428 S	C	97.94	199	
95.7	207	95.7 S	Y	11	7	12	106.2544 S	C	94.25	207	
93.2	215	93.2 S	N	11	7	12	102.7414 S	C	102.74	215	
81.5	223	81.5 S	N	12	9	15	101.9205 S	C	101.92	223	
73.3	231	73.3 S	N	11	7	12	91.5511 S	C	91.55	231	
92.8	239	92.8 S	N	11	7	12	102.7857 S	C	102.79	239	
84.1	247	84.1 S	N	12	9	15	96.0743 S	C	96.07	247	
103.8	255	103.8 S	Y	14	1	7	126.2856 S	C	119.29	255	
107.1	263	107.1 S	Y	31	3	9	110.9466 S	C	101.95	263	
93.7	271	93.7 S	N	21	2	8	105.9233 S	C	105.92	271	
76.6	279	76.6 S	Y	21	2	8	107.7243 S	C	99.72	279	
101.5	287	101.5 S	Y	31	3	9	108.3621 S	C	99.36	287	
89.5	295	89.5 S	Y	11	7	12	110.4018 S	C	98.4	295	
108.6	303	108.6 S	Y	11	7	12	110.9391 S	C	98.94	303	
96.6	311	96.6 S	Y	11	7	12	106.533 S	C	94.53	311	
88	319	88 S	N	15	9	15	105.7709 S	C	105.77	319	
82.5	327	82.5 S	N	11	7	12	103.742 S	C	103.74	327	
110.7	335	110.7 S	Y	12	9	15	117.5273 S	C	102.53	335	
90.6	343	90.6 S	N	11	7	12	102.8067 S	C	102.81	343	
93.4	351	93.4 S	N	13	9	15	100.8157 S	C	100.82	351	
102.3	359	102.3 S	N	17	8	15	103.4089 S	C	103.41	359	
99.5	367	99.5 S	Y	12	9	15	107.9886 S	C	92.99	367	
84.6	375	84.6 S	N	21	2	8	92.6591 S	C	92.66	375	
96.5	383	96.5 S	N	11	7	12	105.6688 S	C	105.67	383	
101.8	391	101.8 S	Y	11	7	12	107.4407 S	C	95.44	391	
63.3	399	63.3 S	N	12	9	15	100.6156 S	C	100.62	399	
82.1	407	82.1 S	N	21	2	8	90.5012 S	C	90.5	407	
89.5	415	89.5 S	Y	11	7	12	107.4464 S	C	95.45	415	
83.8	423	83.8 S	N	11	7	12	91.8626 S	C	91.86	423	
102.8	431	102.8 S	Y	11	7	12	108.6429 S	C	96.64	431	
97.9	439	97.9 S	Y	11	7	12	107.157 S	C	95.16	439	
110	447	110 S	Y	11	7	12	110.9786 S	C	98.98	447	
111	455	111 S	Y	11	7	12	117.4271 S	C	105.43	455	
76.7	463	76.7 S	Y	12	9	15	110.2247 S	C	95.22	463	
76	471	76 S	N	11	7	12	105.8324 S	C	105.83	471	
77.2	479	77.2 S	N	21	2	8	94.4738 S	C	94.47	479	
112.6	487	112.6 S	Y	11	7	12	110.849 S	C	98.85	487	
108.8	495	108.8 S	Y	11	7	12	117.3437 S	C	105.34	495	
108	503	108 S	Y	11	7	12	118.6253 S	C	106.63	503	
90.1	511	90.1 S	N	11	7	12	103.5961 S	C	103.6	511	
79.5	519	79.5 S	N	11	7	12	96.325 S	C	96.33	519	
98.1	527	98.1 S	Y	11	7	12	108.0982 S	C	96.1	527	
105.7	535	105.7 S	Y	21	2	8	109.6727 S	C	101.67	535	
93.4	543	93.4 S	Y	11	7	12	107.1787 S	C	95.18	543	
87.1	551	87.1 S	N	62	6	0	96.33 S	C	96.33	551	
93.1	559	93.1 S	N	14	1	7	101.0421 S	C	101.04	559	
87.2	567	87.2 S	N	21	2	8	97.0852 S	C	97.09	567	
81.7	575	81.7 S	N	11	7	12	89.3696 S	C	89.37	575	
87.4	583	87.4 S	N	62	6	0	96.4461 S	C	96.45	583	
87.5	591	87.5 S	N	21	2	8	102.7833 S	C	102.78	591	
82.5	599	82.5 S	N	21	2	8	87.9255 S	C	87.93	599	
88.4	607	88.4 S	N	76	1	7	100.3342 S	C	100.33	607	
99.6	615	99.6 S	Y	11	7	12	107.0483 S	C	95.05	615	
107.2	623	107.2 S	N	11	7	12	92.6461 S	C	92.65	623	
97.4	631	97.4 S	Y	11	7	12	110.5432 S	C	98.54	631	
110.3	639	110.3 S	Y	11	7	12	117.8173 S	C	105.82	639	
83.2	647	83.2 S	N	21	2	8	88.0968 S	C	88.1	647	
74.1	655	74.1 S	N	11	7	12	102.6413 S	C	102.64	655	
84.7	663	84.7 S	N	11	7	12	94.4227 S	C	94.42	663	
109.7	671	109.7 S	Y	11	7	12	118.426 S	C	106.43	671	
88.5	679	88.5 S	N	11	7	12	101.0309 S	C	101.03	679	
100.1	687	100.1 S	Y	11	7	12	108.0522 S	C	96.05	687	

95.9	695	95.9 S	Y	11	7	12	106.8603 S	C	94.86	695
102.4	703	102.4 S	Y	11	7	12	120.0481 S	C	108.05	703
93.4	711	93.4 S	N	13	9	15	100.8157 S	C	100.82	711
81.5	719	81.5 S	N	12	9	15	101.9205 S	C	101.92	719
102.6	727	102.6 S	Y	11	7	12	109.8262 S	C	97.83	727
98.3	735	98.3 S	Y	11	7	12	121.9141 S	C	109.91	735
101.7	743	101.7 S	Y	14	1	7	120.284 S	C	113.28	743
83.6	751	83.6 S	Y	22	2	8	106.2543 S	C	98.25	751
95.1	759	95.1 S	Y	11	7	12	109.0875 S	C	97.09	759
95.4	767	95.4 S	Y	11	7	12	109.4235 S	C	97.42	767
109.3	775	109.3 S	Y	76	1	7	118.2665 S	C	111.27	775
83.7	783	83.7 S	N	11	7	12	90.3724 S	C	90.37	783
81.5	791	81.5 S	N	12	9	15	101.9205 S	C	101.92	791
87.4	799	87.4 S	N	11	7	12	96.4403 S	C	96.44	799
90.3	78	90.3 S	21 Y		2	8	99.6074 S	C	91.6074	78
88.2	204	88.2 S	21 N		2	8	89.7817 S	C	89.7817	204
86.9	330	86.9 S	11 N		7	12	96.0873 S	C	96.0873	330
83.4	456	83.4 S	11 N		7	12	93.0013 S	C	93.0013	456
70.8	582	70.8 S	21 N		2	8	81.4197 S	C	81.4197	582
66.3	960	66.3 S	11 N		7	12	64.3225 S	C	64.3225	960
77	1086	77 S	11 N		7	12	88.4255 S	C	88.4255	1086
53.4	1212	53.4 U	21 N		2	8	0 U	Under WSI	0	1212
90.5	1338	90.5 S	32 Y		3	9	98.5461 S	C	89.5461	1338
81.1	1464	81.1 S	11 N		7	12	91.2774 S	C	91.2774	1464
61.4	1590	61.4 S	43 N		5	8	67.1004 S	C	67.1004	1590
94.2	1716	94.2 S	43 Y		5	8	100.9797 S	C	92.9797	1716
61.9	1842	61.9 S	11 N		7	12	81.8631 S	C	81.8631	1842
65.7	1968	65.7 S	41 N		5	8	77.0315 S	C	77.0315	1968
68.7	2094	68.7 S	21 N		2	8	62.1687 S	C	62.1687	2094
70.5	2220	70.5 S	41 N		5	8	62.8892 S	C	62.8892	2220
68.7	2346	68.7 S	11 N		7	12	90.8141 S	C	90.8141	2346
79.3	2472	79.3 S	43 Y		5	8	101.6046 S	C	93.6046	2472
70.8	2598	70.8 S	41 N		5	8	69.4203 S	C	69.4203	2598
87.7	2724	87.7 S	21 N		2	8	95.5525 S	C	95.5525	2724
84.2	2850	84.2 S	11 N		7	12	92.2858 S	C	92.2858	2850
75.4	2976	75.4 S	43 N		5	8	73.5194 S	C	73.5194	2976
80.5	3228	80.5 S	16 Y		8	15	102.6414 S	C	87.6414	3228
67.5	3354	67.5 S	21 N		2	8	61.1392 S	C	61.1392	3354
72.1	3480	72.1 S	43 N		5	8	67.6132 S	C	67.6132	3480
60.1	3606	60.1 S	11 Y		7	12	97.3416 S	C	85.3416	3606
76.8	3732	76.8 S	11 N		7	12	91.3578 S	C	91.3578	3732
78.8	3858	78.8 S	15 N		9	15	85.5494 S	C	85.5494	3858
80	3984	80 S	43 N		5	8	96.9456 S	C	96.9456	3984
88.7	4110	88.7 S	21 N		2	8	90.2709 S	C	90.2709	4110
83.3	4236	83.3 S	21 N		2	8	83.389 S	C	83.389	4236
65.9	4362	65.9 S	21 N		2	8	37.0154 U	Under	37.0154	4362
65.3	4488	65.3 S	41 N		5	8	58.4328 S	C	58.4328	4488
87.1	4614	87.1 S	43 Y		5	8	103.2342 S	C	95.2342	4614
100.2	4740	100.2 S	21 Y		2	8	102.2433 S	C	94.2433	4740
84.1	4866	84.1 S	21 Y		2	8	101.2535 S	C	93.2535	4866
76.1	4992	76.1 S	21 N		2	8	90.2709 S	C	90.2709	4992
68.2	5118	68.2 S	76 N		1	7	59.5201 S	C	59.5201	5118
82.5	5244	82.5 S	12 N		9	15	84.6796 S	C	84.6796	5244
76.8	5370	76.8 S	76 N		1	7	93.0212 S	C	93.0212	5370
58.9	5496	58.9 S	17 N		8	15	63.488 S	C	63.488	5496
81.9	5622	81.9 S	43 Y		5	8	90.8528 S	C	82.8528	5622
83.6	5748	83.6 S	21 N		2	8	83.368 S	C	83.368	5748
83	5874	83 S	12 N		9	15	84.6065 S	C	84.6065	5874
63.1	6000	63.1 S	76 N		1	7	63.204 S	C	63.204	6000
59.8	6126	59.8 S	43 N		5	8	59.3857 S	C	59.3857	6126
62.6	6252	62.6 S	41 N		5	8	69.6308 S	C	69.6308	6252
82	6378	82 S	43 N		5	8	83.4743 S	C	83.4743	6378
64.2	6504	64.2 S	76 N		1	7	59.5201 S	C	59.5201	6504
67	6630	67 S	41 N		5	8	65.8801 S	C	65.8801	6630
64.6	6756	64.6 S	21 N		2	8	72.0219 S	C	72.0219	6756
75.7	6882	75.7 S	21 N		2	8	76.8364 S	C	76.8364	6882
97.4	7008	97.4 S	21 Y		2	8	101.0838 S	C	93.0838	7008
60.9	7134	60.9 S	21 N		2	8	56.3548 S	C	56.3548	7134
92.5	7260	92.5 S	42 N		5	8	99.523 S	C	99.523	7260
67.6	7386	67.6 S	13 N		9	15	63.6205 S	C	63.6205	7386
55.4	7512	55.4 U	21 N		2	8	37.0154 U	C	37.0154	7512
78.4	7638	78.4 S	12 N		9	15	88.7904 S	C	88.7904	7638
60.9	7764	60.9 S	76 N		1	7	67.2365 S	C	67.2365	7764
60.6	7890	60.6 S	11 N		7	12	0 U	Under	0	7890
75.9	8142	75.9 S	16 Y		8	15	96.5133 S	C	81.5133	8142
73.2	8268	73.2 S	43 Y		5	8	100.9797 S	C	92.9797	8268
72.8	8394	72.8 S	41 Y		5	8	66.3148 S	C	58.3148	8394
64.3	8520	64.3 S	41 N		5	8	79.7181 S	C	79.7181	8520
56.7	8646	56.7 S	76 N		1	7	60.8751 S	C	60.8751	8646
75.7	8772	75.7 S	43 Y		5	8	102.5539 S	C	94.5539	8772
90.2	8898	90.2 S	11 Y		7	12	95.922 S	C	83.922	8898
66.4	9024	66.4 S	42 N		5	8	69.2465 S	C	69.2465	9024
88	9150	88 S	21 Y		2	8	101.8442 S	C	93.8442	9150
57.7	9276	57.7 S	11 N		7	12	0 U	Under	0	9276
53.9	9402	53.9 U	21 N		2	8	59.9753 S	C WSET	59.9753	9402
65.9	9528	65.9 S	11 N		7	12	65.3154 S	C	65.3154	9528
85.2	9654	85.2 S	12 N		9	15	95.894 S	C	95.894	9654
94	9780	94 S	41 N		5	8	94.0623 S	C	94.0623	9780
88.6	9906	88.6 S	21 N		2	8	87.2424 S	C	87.2424	9906
79.6	10032	79.6 S	11 Y		7	12	97.051 S	C	85.051	10032
96.7	10158	96.7 S	11 Y		7	12	102.0644 S	C	90.0644	10158
64.8	10284	64.8 S	41 N		5	8	82.9078 S	C	82.9078	10284
80.7	10410	80.7 S	43 Y		5	8	101.285 S	C	93.285	10410
68.2	10536	68.2 S	21 N		2	8	67.4361 S	C	67.4361	10536
71	10662	71 S	41 N		5	8	96.2983 S	C	96.2983	10662
69.7	10788	69.7 S	42 N		5	8	82.7612 S	C	82.7612	10788
61.3	10914	61.3 S	12 N		9	15	64.7084 S	C	64.7084	10914
68.3	11040	68.3 S	41 N		5	8	72.6742 S	C	72.6742	11040
73.2	11166	73.2 S	41 N		5	8	65.3046 S	C	65.3046	11166
65.9	11292	65.9 S	21 N		2	8	60.7033 S	C	60.7033	11292
100.2	11418	100.2 S	11 Y		7	12	103.1345 S	C	91.1345	11418
61.6	11544	61.6 S	12 N		9	15	60.2815 S	C	60.2815	11544
79.6	11670	79.6 S	21 N		2	8	87.3837 S	C	87.3837	11670
86.4	11796	86.4 S	41 N		5	8	94.0623 S	C	94.0623	11796
77.1	11922	77.1 S	43 N		5	8	80.6624 S	C	80.6624	11922
94.2	12048	94.2 S	21 Y		2	8	104.2114 S	C	96.2114	12048
66.5	12300	66.5 S	21 N		2	8	61.9801 S	C	61.9801	12300
81.2	12426	81.2 S	21 N		2	8	67.4361 S	C	67.4361	12426
69	12552	69 S	43 N		5	8	67.1004 S	C	67.1004	12552
56.9	12678	56.9 S	11 N		7	12	64.9703 S	C	64.9703	12678
55.9	12804	55.9 U	43 N		5	8	67.1004 S	C WCTI	67.1004	12804
62.8	12930	62.8 S	11 N		7	12	61.6291 S	C	61.6291	12930
69.9	13056	69.9 S	11 Y		7	12	103.3614 S	C	91.3614	13056
61.6	13182	61.6 S	43 N		5	8	68.33 S	C	68.33	13182
74	981	74 S	N	11	7	12	59.4581 S	C	59.46	981
73.5	1056	73.5 S	Y	11	7	12	102.2659 S	C	90.27	1056
74.2	1131	74.2 S	N	43	5	8	74.0949 S	C	74.09	1131
74.9	1356	74.9 S	N	21	2	8	76.574 S	C	76.57	1356
70.7	1431	70.7 S	N	42	5	8	73.3894 S	C	73.39	1431
99.5	1506	99.5 S	N	11	7	12	89.4069 S	C	89.41	1506
87.1	1731	87.1 S	Y	11	7	12	101.5774 S	C	89.58	1731
86.1	1881	86.1 S	Y	11	7	12	91.8099 S	C	79.81	1881
76.7	2106	76.7 S	N	12	9	15	87.9297 S	C	87.93	2106
81.2	2481	81.2 S	N	11	7	12	92.7257 S	C	92.73	2481
62.9	2631	62.9 S	N	21	2	8	0 U	Under	0	2631
77.9	3606	77.9 S	Y	11	7	12	89.3279 S	C	77.33	3606
88.5	3831	88.5 S	Y	11	7	12	93.6173 S	C	81.62	3831
67.5	4356	67.5 S	N	42	5	8	70.2623 S	C	70.26	4356
85.5	4431	85.5 S	N	11	7	12	81.3081 S	C	81.31	4431
77	4731	77 S	Y	11	7	12	92.4144 S	C	80.41	4731

41.3	5856	41.3 U	N	21	2	8	0 U	C	0	5856
66.8	6006	66.8 S	Y	11	7	12	92.6887 S	C	80.69	6006
99.7	6081	99.7 S	Y	12	9	15	100.809 S	C	85.81	6081
78.3	6681	78.3 S	Y	11	7	12	94.2705 S	C	82.27	6681
74.6	7806	74.6 S	N	11	7	12	82.5396 S	C	82.54	7806
58.1	68	58.1 S	N	11	7	12	59.7896 S	C	59.7896	68
49.4	416	49.4 U	N	12	9	15	0 U	C	0	416
48.7	532	48.7 U	N	11	7	12	49.8641 U	C	49.8641	532
41.6	590	41.6 U	N	11	7	12	60.3067 S	Over	60.3067	590
41.9	735	41.9 U	N	11	7	12	47.8235 U	C	47.8235	735
41.9	822	41.9 U	N	12	9	15	50.4234 U	C	50.4234	822
30	909	30 U	N	11	7	12	43.9372 U	C	43.9372	909
48.5	938	48.5 U	N	11	7	12	40.6144 U	C	40.6144	938
34.9	1112	34.9 U	N	11	7	12	0 U	C	0	1112
58.9	1257	58.9 S	N	12	9	15	42.7177 U	Under	42.7177	1257
74.1	1431	74.1 S	N	11	7	12	53.9655 U	Under	53.9655	1431
24.9	1460	24.9 U	N	41	5	15	0 U	C	0	1460
51.4	1866	51.4 U	N	11	7	12	52.048 U	C	52.048	1866
75.4	2011	75.4 S	N	11	7	12	39.1165 U	Under	39.1165	2011
49.8	2156	49.8 U	N	12	9	15	44.7621 U	C	44.7621	2156
40.5	2214	40.5 U	N	12	9	15	43.4664 U	C	43.4664	2214
47.7	2417	47.7 U	N	11	7	12	42.6371 U	C	42.6371	2417
47.1	2591	47.1 U	N	21	2	15	0 U	C	0	2591
53.4	2649	53.4 U	N	21	2	15	37.5559 U	C	37.5559	2649
40.9	2707	40.9 U	N	11	7	12	0 U	C	0	2707
47.7	2910	47.7 U	N	12	9	15	37.366 U	C	37.366	2910

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0	1425	0 U	N	21	2	7	0 U	C WSPA	0	1425
0	8657	0 U	N	21	2	7	0 U	C	0	8657
0	1956	0 U	N	21	2	8	0 U	C WHP	0	1956 U
0	6681	0 U	N	11	7	12	67.6672 S	C WUSA	67.67	6681 S

Reorganized file	Site #	ERP	File	Calls	Site/ID	Lat	Lon
4	C1-1	500	4	CDTV53	C1-1	35.219722	-80.853611
4	C1-2	500	4	CDTV53	C1-2	35.220833	-80.843611
4	C1-3	500	4	CDTV53	C1-3	35.218611	-80.830278
4	C1-4	500	4	CDTV53	C1-4	35.211389	-80.852222
4	C1-5	500	4	CDTV53	C1-5	35.213889	-80.824444
4	C1-6	500	4	CDTV53	C1-6	35.205278	-80.851944
4	C1-7	500	4	CDTV53	C1-7	35.205556	-80.843056
4	C1-8	500	4	CDTV53	C1-8	35.205833	-80.833889
4	C2-1	500	4	CDTV53	C2-1	35.952778	-81.037778
4	C2-2	500	4	CDTV53	C2-2	35.951944	-81.025278
4	C2-3	500	4	CDTV53	C2-3	34.952778	-81.021111
4	C2-4	500	4	CDTV53	C2-4	34.941111	-81.043056
4	C2-5	500	4	CDTV53	C2-5	34.941111	-81.020556
4	C2-6	500	4	CDTV53	C2-6	34.939167	-81.038611
4	C2-7	500	4	CDTV53	C2-7	34.935833	-81.025278
4	C2-8	500	4	CDTV53	C2-8	34.936389	-81.021389
4	C3-1	500	4	CDTV53	C3-1	35.235000	-80.725556
4	C3-2	500	4	CDTV53	C3-2	35.238611	-80.716944
4	C3-3	500	4	CDTV53	C3-3	35.220833	-80.720000
4	C3-4	500	4	CDTV53	C3-4	35.225556	-80.824722
4	C3-5	500	4	CDTV53	C3-5	35.226111	-80.719167
4	G1A1	500	4	CDTV53	G1A1	35.243611	-80.878056
4	G1A2	500	4	CDTV53	G1A2	35.241389	-80.860556
4	G1A3	500	4	CDTV53	G1A3	35.240000	-80.841389
4	G1A4	500	4	CDTV53	G1A4	35.241111	-80.825278
4	G1A5	500	4	CDTV53	G1A5	35.242778	-80.808611
4	G1B1	500	4	CDTV53	G1B1	35.226389	-80.880000
4	G1B2	500	4	CDTV53	G1B2	35.228056	-80.808889
4	G1B3	500	4	CDTV53	G1B3	35.229722	-80.844722
4	G1B4	500	4	CDTV53	G1B4	35.225556	-80.704444
4	G1B5	500	4	CDTV53	G1B5	35.228056	-80.859444
4	G1C1	500	4	CDTV53	G1C1	35.213333	-80.879167
4	G1C2	500	4	CDTV53	G1C2	35.212778	-80.859722
4	G1C3	500	4	CDTV53	G1C3	35.210278	-80.843333
4	G1C4	500	4	CDTV53	G1C4	35.213889	-80.834444
4	G1C5	500	4	CDTV53	G1C5	35.211944	-80.806389
4	G1D1	500	4	CDTV53	G1D1	35.199722	-80.879444
4	G1D2	500	4	CDTV53	G1D2	35.191111	-80.856111
4	G1D3	500	4	CDTV53	G1D3	35.198611	-80.806111
4	G1D4	500	4	CDTV53	G1D4	35.198889	-80.825278
4	G1D5	500	4	CDTV53	G1D5	35.198611	-80.844722
4	G1E1	500	4	CDTV53	G1E1	35.182500	-80.881111
4	G1E2	500	4	CDTV53	G1E2	35.183889	-80.860278
4	G1E3	500	4	CDTV53	G1E3	35.185278	-80.844444
4	G1E4	500	4	CDTV53	G1E4	35.183611	-80.825278
4	G1E5	500	4	CDTV53	G1E5	35.184444	-80.777778
4	G2A1	500	4	CDTV53	G2A1	34.976111	-81.025278
4	G2A2	500	4	CDTV53	G2A2	34.976111	-81.049444
4	G2A3	500	4	CDTV53	G2A3	34.975278	-81.033611
4	G2A4	500	4	CDTV53	G2A4	34.974722	-80.709167
4	G2A5	500	4	CDTV53	G2A5	34.977222	-80.997500
4	G2B1	500	4	CDTV53	G2B1	34.956667	-81.066944
4	G2B2	500	4	CDTV53	G2B2	34.961389	-81.048333
4	G2B3	500	4	CDTV53	G2B3	34.961944	-81.033889
4	G2B4	500	4	CDTV53	G2B4	34.963056	-81.015278
4	G2B5	500	4	CDTV53	G2B5	34.961111	-80.998889
4	G2C1	500	4	CDTV53	G2C1	34.946944	-81.065556
4	G2C2	500	4	CDTV53	G2C2	34.941111	-81.036111
4	G2C3	500	4	CDTV53	G2C3	34.976111	-81.066944
4	G2C4	500	4	CDTV53	G2C4	34.941111	-81.015278
4	G2C5	500	4	CDTV53	G2C5	34.946389	-80.995833
4	G2D1	500	4	CDTV53	G2D1	34.925833	-81.059444
4	G2D2	500	4	CDTV53	G2D2	34.932778	-81.042222
4	G2D3	500	4	CDTV53	G2D3	34.926111	-81.025833
4	G2D4	500	4	CDTV53	G2D4	34.933333	-81.008056
4	G2D5	500	4	CDTV53	G2D5	34.926389	-80.989167
4	G2E1	500	4	CDTV53	G2E1	34.908333	-81.059722
4	G2E2	500	4	CDTV53	G2E2	34.916944	-81.041389
4	G2E3	500	4	CDTV53	G2E3	34.918333	-81.025278
4	G2E4	500	4	CDTV53	G2E4	34.918889	-80.991389
4	G2E5	500	4	CDTV53	G2E5	34.918889	-81.008611
4	R050-1	500	4	CDTV53	R050-1	35.338889	-80.558560
4	R050-2	500	4	CDTV53	R050-2	35.373889	-80.509722
4	R050-3	500	4	CDTV53	R050-3	35.403056	-80.470833
4	R050-4	500	4	CDTV53	R050-4	35.421389	-80.422222
4	R050-5	500	4	CDTV53	R050-5	35.453333	-80.390278
4	R050-6	500	4	CDTV53	R050-6	35.476389	-80.352500
4	R050-7	500	4	CDTV53	R050-7	35.505556	-80.306944
4	R050-8	500	4	CDTV53	R050-8	35.535278	-80.270556
4	R050-9	500	4	CDTV53	R050-9	35.559722	-80.229444
4	R050S-10	500	4	CDTV53	R050S-10	35.596667	-80.184722
4	R050S-11	500	4	CDTV53	R050S-11	35.619722	-80.138889
4	R050S-12	500	4	CDTV53	R050S-12	35.648560	-80.101944
4	R050S-13	500	4	CDTV53	R050S-13	35.677500	-80.058889
4	R050S-14	500	4	CDTV53	R050S-14	35.701111	-79.020833
4	R050S-15	500	4	CDTV53	R050S-15	35.732222	-79.978889
4	R050S-16	500	4	CDTV53	R050S-16	35.756667	-79.927778
4	R085-1	500	4	CDTV53	R085-1	35.258889	-80.503611
4	R085-2	500	4	CDTV53	R085-2	35.275278	-80.240278
4	R085-3	500	4	CDTV53	R085-3	35.271389	-80.403333
4	R085-4	500	4	CDTV53	R085-4	35.270278	-80.351389
4	R085-5	500	4	CDTV53	R085-5	35.283056	-80.299722
4	R085-6	500	4	CDTV53	R085-6	35.275278	-80.456111
4	R085-7	500	4	CDTV53	R085-7	35.284722	-80.189444
4	R085-8	500	4	CDTV53	R085-8	35.285556	-80.138560
4	R085-9	500	4	CDTV53	R085-9	35.291944	-80.075833
4	R085S-10	500	4	CDTV53	R085S-10	35.302222	-79.922778
4	R085S-11	500	4	CDTV53	R085S-11	35.300278	-79.973889
4	R085S-12	500	4	CDTV53	R085S-12	35.302222	-80.026111
4	R085S-13	500	4	CDTV53	R085S-13	35.305556	-79.875278
4	R085S-14	500	4	CDTV53	R085S-14	35.324444	-79.821944
4	R085S-15	500	4	CDTV53	R085S-15	35.308056	-79.769444
4	R085S-16	500	4	CDTV53	R085S-16	35.319722	-79.716944
4	R110-1	500	4	CDTV53	R110-1	35.200833	-80.508560
4	R110-2	500	4	CDTV53	R110-2	35.183611	-80.436111
4	R110-3	500	4	CDTV53	R110-3	35.170833	-80.417222
4	R110-4	500	4	CDTV53	R110-4	35.154167	-80.370556
4	R110-5	500	4	CDTV53	R110-5	35.141944	-80.319444
4	R110-6	500	4	CDTV53	R110-6	35.117222	-80.258611
4	R110-7	500	4	CDTV53	R110-7	35.104722	-80.220278
4	R110-8	500	4	CDTV53	R110-8	35.088056	-80.158889
4	R110-9	500	4	CDTV53	R110-9	35.075278	-80.120556
4	R110S-10	500	4	CDTV53	R110S-10	35.057778	-80.073889
4	R110S-11	500	4	CDTV53	R110S-11	35.041944	-80.007778
4	R110S-12	500	4	CDTV53	R110S-12	35.038611	-79.970000
4	R110S-13	500	4	CDTV53	R110S-13	35.021667	-79.922778
4	R110S-14	500	4	CDTV53	R110S-14	35.004722	-79.859722
4	R110S-15	500	4	CDTV53	R110S-15	34.985833	-79.819722
4	R110S-16	500	4	CDTV53	R110S-16	35.972778	-79.772222
4	R185-1	500	4	CDTV53	R185-1	35.104722	-80.702222
4	R185-2	500	4	CDTV53	R185-2	35.058056	-80.702222
4	R185-3	500	4	CDTV53	R185-3	35.018611	-80.705556
4	R185-4	500	4	CDTV53	R185-4	34.974722	-81.013889
4	R185-5	500	4	CDTV53	R185-5	34.933611	-80.709722
4	R185-6	500	4	CDTV53	R185-6	34.888889	-80.722222
4	R185-7	500	4	CDTV53	R185-7	34.839722	-80.724722
4	R185-8	500	4	CDTV53	R185-8	34.803056	-80.734722
4	R185-9	500	4	CDTV53	R185-9	34.754167	-80.722222

			4	R185S-10	500	4 CDTV53	R185S-10	34.708611	-80.736667
			4	R185S-11	500	4 CDTV53	R185S-11	34.668889	-80.741667
			4	R185S-12	500	4 CDTV53	R185S-12	34.622778	-80.742500
			4	R185S-13	500	4 CDTV53	R185S-13	34.590278	-80.751389
			4	R185S-14	500	4 CDTV53	R185S-14	34.541111	-80.756944
			4	R185S-15	500	4 CDTV53	R185S-15	34.503611	-80.771111
			4	R185S-16	500	4 CDTV53	R185S-16	34.464722	-80.767500
			4	R215-1	500	4 CDTV53	R215-1	35.126111	-80.785833
			4	R215-2	500	4 CDTV53	R215-2	35.089722	-80.807778
			4	R215-3	500	4 CDTV53	R215-3	35.056111	-80.826111
			4	R215-4	500	4 CDTV53	R215-4	35.024444	-80.884722
			4	R215-5	500	4 CDTV53	R215-5	34.988333	-80.907222
			4	R215-6	500	4 CDTV53	R215-6	34.953056	-80.940000
			4	R215-7	500	4 CDTV53	R215-7	34.907222	-80.971111
			4	R215-8	500	4 CDTV53	R215-8	34.884444	-80.989722
			4	R215-9	500	4 CDTV53	R215-9	34.850278	-81.023333
			4	R215S-10	500	4 CDTV53	R215S-10	34.807778	-81.057778
			4	R215S-11	500	4 CDTV53	R215S-11	34.771944	-81.087778
			4	R215S-12	500	4 CDTV53	R215S-12	34.734167	-81.118611
			4	R215S-13	500	4 CDTV53	R215S-13	34.692778	-81.15278
			4	R215S-14	500	4 CDTV53	R215S-14	34.658889	-81.188611
			4	R215S-15	500	4 CDTV53	R215S-15	35.639444	-81.233333
			4	R215S-16	500	4 CDTV53	R215S-16	35.622222	-81.24556
			4	R270-1	500	4 CDTV53	R270-1	35.255833	-80.868889
			4	R270-2	500	4 CDTV53	R270-2	35.251389	-80.917222
			4	R270-3	500	4 CDTV53	R270-3	35.253611	-80.961111
			4	R270-4	500	4 CDTV53	R270-4	35.251944	-81.021667
			4	R270-5	500	4 CDTV53	R270-5	35.252222	-80.072778
			4	R270-6	500	4 CDTV53	R270-6	35.250278	-81.130556
			4	R270-7	500	4 CDTV53	R270-7	35.251111	-81.655556
			4	R270-8	500	4 CDTV53	R270-8	35.248333	-81.228889
			4	R270-9	500	4 CDTV53	R270-9	35.257222	-81.285000
			4	R270S-10	500	4 CDTV53	R270S-10	35.253611	-81.341667
			4	R270S-11	500	4 CDTV53	R270S-11	35.253611	-81.375556
			4	R270S-12	500	4 CDTV53	R270S-12	35.252222	-81.447222
			4	R270S-13	500	4 CDTV53	R270S-13	35.251389	-81.493056
			4	R270S-14	500	4 CDTV53	R270S-14	35.242778	-81.55556
			4	R270S-15	500	4 CDTV53	R270S-15	35.25356	-81.65
			4	R270S-16	500	4 CDTV53	R270S-16	35.251111	-81.175556
			4	R300-1	500	4 CDTV53	R300-1	35.318056	-80.837500
			4	R300-2	500	4 CDTV53	R300-2	35.343056	-80.89356
			4	R300-3	500	4 CDTV53	R300-3	35.370278	-80.933611
			4	R300-4	500	4 CDTV53	R300-4	35.388056	-80.981389
			4	R300-5	500	4 CDTV53	R300-5	35.403611	-80.028333
			4	R300-6	500	4 CDTV53	R300-6	35.434444	-81.069444
			4	R300-7	500	4 CDTV53	R300-7	35.455833	-81.121389
			4	R300-8	500	4 CDTV53	R300-8	35.474444	-81.166111
			4	R300-9	500	4 CDTV53	R300-9	35.496389	-81.208889
			4	R300S-10	500	4 CDTV53	R300S-10	35.509444	-81.257222
			4	R300S-11	500	4 CDTV53	R300S-11	35.533611	-81.32778
			4	R300S-12	500	4 CDTV53	R300S-12	35.557222	-81.349444
			4	R300S-13	500	4 CDTV53	R300S-13	35.574722	-81.39833
			4	R300S-14	500	4 CDTV53	R300S-14	35.59356	-81.438611
			4	R300S-15	500	4 CDTV53	R300S-15	35.62356	-81.651389
			4	R300S-16	500	4 CDTV53	R300S-16	35.637778	-81.539167
			4	R305-1	500	4 CDTV53	R305-1	35.326389	-80.836389
			4	R305-2	500	4 CDTV53	R305-2	35.354444	-80.872222
			4	R305-3	500	4 CDTV53	R305-3	35.383056	-80.921111
			4	R305-4	500	4 CDTV53	R305-4	35.405556	-80.971111
			4	R305-5	500	4 CDTV53	R305-5	35.433611	-81.003611
			4	R305-6	500	4 CDTV53	R305-6	35.457500	-81.051111
			4	R305-7	500	4 CDTV53	R305-7	35.471389	-81.090556
			4	R305-8	500	4 CDTV53	R305-8	35.508889	-81.144444
			4	R305-9	500	4 CDTV53	R305-9	35.524444	-81.183333
			4	R305S-10	500	4 CDTV53	R305S-10	35.551944	-81.223611
			4	R305S-11	500	4 CDTV53	R305S-11	35.574722	-81.27556
			4	R305S-12	500	4 CDTV53	R305S-12	35.605278	-81.316944
			4	R305S-13	500	4 CDTV53	R305S-13	35.632222	-81.353056
			4	R305S-14	500	4 CDTV53	R305S-14	35.654700	-81.418889
			4	R305S-15	500	4 CDTV53	R305S-15	35.676300	-81.451389
			4	R305S-16	500	4 CDTV53	R305S-16	35.707200	-81.487222
10.3	10.3		5	C1-1	10	5 CDTV6	C1-1	35.219722	-80.853611
18.5	18.5		5	C1-2	10	5 CDTV6	C1-2	35.220833	-80.720000
19.5	19.5		5	C1-3	10	5 CDTV6	C1-3	35.218611	-80.830278
0.2	0.2		5	C1-4	10	5 CDTV6	C1-4	35.211389	-80.852222
11.7	11.7		5	C1-5	10	5 CDTV6	C1-5	35.213889	-80.824444
12.1	12.1		5	C1-6	10	5 CDTV6	C1-6	35.205278	-80.851944
11.7	11.7		5	C1-7	10	5 CDTV6	C1-7	35.205556	-80.843056
20	20		5	C1-8	10	5 CDTV6	C1-8	35.205833	-80.833889
4.6	4.6		5	C2-1	10	5 CDTV6	C2-1	35.952778	-81.037778
8.4	8.4		5	C2-2	10	5 CDTV6	C2-2	35.951944	-81.025278
6.4	6.4		5	C2-3	10	5 CDTV6	C2-3	34.952778	-81.021111
9.2	9.2		5	C2-4	10	5 CDTV6	C2-4	34.941111	-81.043056
7.9	7.9		5	C2-5	10	5 CDTV6	C2-5	34.941111	-81.020556
10.6	10.6		5	C2-6	10	5 CDTV6	C2-6	34.939167	-81.038611
17.4	17.4		5	C2-7	10	5 CDTV6	C2-7	34.935833	-81.025278
15.8	15.8		5	C2-8	10	5 CDTV6	C2-8	34.936389	-81.021389
-0.3	-0.3		5	C3-1	10	5 CDTV6	C3-1	35.235000	-80.725556
4.9	4.9		5	C3-2	10	5 CDTV6	C3-2	35.238611	-80.716944
-3.1	-3.1		5	C3-3	10	5 CDTV6	C3-3	35.220833	-80.843611
-7.4	-7.4		5	C3-4	10	5 CDTV6	C3-4	35.225556	-80.824722
2.1	2.1		5	C3-5	10	5 CDTV6	C3-5	35.226111	-80.719167
4.3	4.3		5	G1A1	10	5 CDTV6	G1A1	35.243611	-80.878056
5.4	5.4		5	G1A2	10	5 CDTV6	G1A2	35.241389	-80.860556
13.4	13.4		5	G1A3	10	5 CDTV6	G1A3	35.240000	-80.841389
14	14		5	G1A4	10	5 CDTV6	G1A4	35.241111	-80.825278
9	9		5	G1A5	10	5 CDTV6	G1A5	35.242778	-81.550556
1.9	1.9		5	G1B1	10	5 CDTV6	G1B1	35.226389	-80.880000
14.9	14.9		5	G1B2	10	5 CDTV6	G1B2	35.228056	-80.808889
18.2	18.2		5	G1B3	10	5 CDTV6	G1B3	35.229722	-80.844722
18.7	18.7		5	G1B4	10	5 CDTV6	G1B4	35.225556	-80.704444
5.6	5.6		5	G1B5	10	5 CDTV6	G1B5	35.228056	-80.859444
2.5	2.5		5	G1C1	10	5 CDTV6	G1C1	35.213333	-80.879167
17.8	17.8		5	G1C2	10	5 CDTV6	G1C2	35.212778	-80.859722
33.4	33.4		5	G1C3	10	5 CDTV6	G1C3	35.210278	-80.843333
15.8	15.8		5	G1C4	10	5 CDTV6	G1C4	35.213889	-80.834444
8.2	8.2		5	G1C5	10	5 CDTV6	G1C5	35.211944	-80.806389
2	2		5	G1D1	10	5 CDTV6	G1D1	35.199722	-80.879444
6.6	6.6		5	G1D2	10	5 CDTV6	G1D2	35.191111	-80.856111
14.3	14.3		5	G1D3	10	5 CDTV6	G1D3	35.198611	-80.806111
16.1	16.1		5	G1D4	10	5 CDTV6	G1D4	35.198889	-80.825278
7.8	7.8		5	G1D5	10	5 CDTV6	G1D5	35.198611	-80.844722
5.6	5.6		5	G1E1	10	5 CDTV6	G1E1	35.182500	-80.881111
18.3	18.3		5	G1E2	10	5 CDTV6	G1E2	35.183889	-80.860278
16.4	16.4		5	G1E3	10	5 CDTV6	G1E3	35.185278	-80.844444
23.3	23.3		5	G1E4	10	5 CDTV6	G1E4	35.183611	-80.825278
10.4	10.4		5	G1E5	10	5 CDTV6	G1E5	35.184444	-80.777778
10.4	10.4		5	G2A1	10	5 CDTV6	G2A1	34.976111	-81.025278
11.2	11.2		5	G2A2	10	5 CDTV6	G2A2	34.976111	-81.049444
3.4	3.4		5	G2A3	10	5 CDTV6	G2A3	34.975278	-81.033611
22.5	22.5		5	G2A4	10	5 CDTV6	G2A4	34.974722	-81.013889
13.1	13.1		5	G2A5	10	5 CDTV6	G2A5	34.977222	-80.997500
2.4	2.4		5	G2B1	10	5 CDTV6	G2B1	34.956667	-81.066944
9.9	9.9		5	G2B2	10	5 CDTV6	G2B2	34.961389	-81.048333
7.7	7.7		5	G2B3	10	5 CDTV6	G2B3	34.961944	-81.033889
6.8	6.8		5	G2B4	10	5 CDTV6	G2B4	34.963056	-81.015278
7.2	7.2		5	G2B5	10	5 CDTV6	G2B5	34.961111	-80.998889
7.1	7.1		5	G2C1	10	5 CDTV6	G2C1	34.946944	-81.065556
4.4	4.4		5	G2C2	10	5 CDTV6	G2C2	34.941111	-81.036111
15.9	15.9		5	G2C3	10	5 CDTV6	G2C3	34.976111	-81.066944

9.3	9.3	5	G2C4	10	5	CDTV6	G2C4	34.941111	-81.015278
17.6	17.6	5	G2C5	10	5	CDTV6	G2C5	34.946389	-80.995833
9	9	5	G2D1	10	5	CDTV6	G2D1	34.925833	-81.059444
-2.2	-2.2	5	G2D2	10	5	CDTV6	G2D2	34.932778	-81.042222
18.5	18.5	5	G2D3	10	5	CDTV6	G2D3	34.926111	-81.025833
8.7	8.7	5	G2D4	10	5	CDTV6	G2D4	34.933333	-81.008056
7.2	7.2	5	G2D5	10	5	CDTV6	G2D5	34.926389	-80.989167
1.3	1.3	5	G2E1	10	5	CDTV6	G2E1	34.908333	-81.059722
10.3	10.3	5	G2E2	10	5	CDTV6	G2E2	34.916944	-81.041389
18.5	18.5	5	G2E3	10	5	CDTV6	G2E3	34.918333	-81.025278
7.5	7.5	5	G2E4	10	5	CDTV6	G2E4	34.918889	-80.991389
14.7	14.7	5	G2E5	10	5	CDTV6	G2E5	34.918889	-81.008611
4.8	4.8	5	R050-1	10	5	CDTV6	R050-1	35.338889	-80.558056
27.3	27.3	5	R050-2	10	5	CDTV6	R050-2	35.373889	-80.509722
31.8	31.8	5	R050-3	10	5	CDTV6	R050-3	35.403056	-80.470833
23.9	23.9	5	R050-4	10	5	CDTV6	R050-4	35.421389	-80.422222
19.5	19.5	5	R050-5	10	5	CDTV6	R050-5	35.453333	-80.390278
34.5	34.5	5	R050-6	10	5	CDTV6	R050-6	35.476389	-80.352500
19.9		5	R050-7	10	5	CDTV6	R050-7	35.505556	-80.306944
27.1		5	R050-8	10	5	CDTV6	R050-8	35.535278	-80.270556
-15.3	-15.3	5	R050-9	10	5	CDTV6	R050-9	35.559722	-80.229444
-14.5	-14.5	5	R050S-10	10	5	CDTV6	R050S-10	35.596667	-80.184722
-12.5	-12.5	5	R050S-11	10	5	CDTV6	R050S-11	35.619722	-80.138889
-15	-15	5	R050S-12	10	5	CDTV6	R050S-12	35.648056	-80.101944
-22	-22	5	R050S-13	10	5	CDTV6	R050S-13	35.677500	-80.058889
-37		5	R050S-14	10	5	CDTV6	R050S-14	35.701111	-79.020833
-23.2		5	R050S-15	10	5	CDTV6	R050S-15	35.732222	-79.978889
-10.3	-10.3	5	R050S-16	10	5	CDTV6	R050S-16	35.756667	-79.927778
10.9	10.9	5	R085-1	10	5	CDTV6	R085-1	35.258889	-80.503611
29	29	5	R085-2	10	5	CDTV6	R085-2	35.275278	-80.240278
26.2	26.2	5	R085-3	10	5	CDTV6	R085-3	35.271389	-80.403333
11.6	11.6	5	R085-4	10	5	CDTV6	R085-4	35.270278	-80.351389
23.3	23.3	5	R085-5	10	5	CDTV6	R085-5	35.283056	-80.299722
13.6	13.6	5	R085-6	10	5	CDTV6	R085-6	35.275278	-80.456111
19.1	19.1	5	R085-7	10	5	CDTV6	R085-7	35.284722	-80.189444
6.6	6.6	5	R085-8	10	5	CDTV6	R085-8	35.285556	-80.138056
0.7	0.7	5	R085-9	10	5	CDTV6	R085-9	35.291944	-80.075833
-21.6	-21.6	5	R085S-10	10	5	CDTV6	R085S-10	35.302222	-80.026111
-7.9	-7.9	5	R085S-11	10	5	CDTV6	R085S-11	35.300278	-79.973889
-10.5	-10.5	5	R085S-12	10	5	CDTV6	R085S-12	35.302222	-79.922778
-14.2	-14.2	5	R085S-13	10	5	CDTV6	R085S-13	35.305556	-79.875278
-19	-19	5	R085S-14	10	5	CDTV6	R085S-14	35.324444	-79.821944
0.2	0.2	5	R085S-15	10	5	CDTV6	R085S-15	35.308056	-79.769444
-9.7	-9.7	5	R085S-16	10	5	CDTV6	R085S-16	35.319722	-79.716944
-0.1	-0.1	5	R110-1	10	5	CDTV6	R110-1	35.200833	-80.508056
30	30	5	R110-2	10	5	CDTV6	R110-2	35.183611	-80.436111
14	14	5	R110-3	10	5	CDTV6	R110-3	35.170833	-80.417222
27.3	27.3	5	R110-4	10	5	CDTV6	R110-4	35.154167	-80.370556
32.4	32.4	5	R110-5	10	5	CDTV6	R110-5	35.141944	-80.319444
15.4	15.4	5	R110-6	10	5	CDTV6	R110-6	35.117222	-80.258611
9.9	9.9	5	R110-7	10	5	CDTV6	R110-7	35.104722	-80.220278
10.2	10.2	5	R110-8	10	5	CDTV6	R110-8	35.088056	-80.158889
-19.9	-19.9	5	R110-9	10	5	CDTV6	R110-9	35.075278	-80.120556
-18	-18	5	R110S-10	10	5	CDTV6	R110S-10	35.057778	-80.073889
-11.1	-11.1	5	R110S-11	10	5	CDTV6	R110S-11	35.041944	-80.007778
-11.3	-11.3	5	R110S-12	10	5	CDTV6	R110S-12	35.038611	-79.970000
-33.8		5	R110S-13	10	5	CDTV6	R110S-13	35.021667	-79.922778
-0.4	-0.4	5	R110S-14	10	5	CDTV6	R110S-14	35.004722	-79.859722
-15.5	-15.5	5	R110S-15	10	5	CDTV6	R110S-15	34.985833	-79.819722
-19.3		5	R110S-16	10	5	CDTV6	R110S-16	35.972778	-79.772222
9.9	9.9	5	R185-1	10	5	CDTV6	R185-1	35.104722	-80.702222
23.9	23.9	5	R185-2	10	5	CDTV6	R185-2	35.058056	-80.702222
17	17	5	R185-3	10	5	CDTV6	R185-3	35.018611	-80.705556
18.7	18.7	5	R185-4	10	5	CDTV6	R185-4	34.974722	-80.709167
25	25	5	R185-5	10	5	CDTV6	R185-5	34.933611	-80.709722
17.4	17.4	5	R185-6	10	5	CDTV6	R185-6	34.888889	-80.722222
26.3	26.3	5	R185-7	10	5	CDTV6	R185-7	34.839722	-80.724722
21		5	R185-8	10	5	CDTV6	R185-8	34.803056	-80.734722
-10.8	-10.8	5	R185-9	10	5	CDTV6	R185-9	34.754167	-80.722222
-12.3	-12.3	5	R185S-10	10	5	CDTV6	R185S-10	34.708611	-80.736667
-6.8	-6.8	5	R185S-11	10	5	CDTV6	R185S-11	34.668889	-80.741667
-9.6	-9.6	5	R185S-12	10	5	CDTV6	R185S-12	34.622778	-80.742500
-19.6	-19.6	5	R185S-13	10	5	CDTV6	R185S-13	34.590278	-80.751389
-22.6	-22.6	5	R185S-14	10	5	CDTV6	R185S-14	34.541111	-80.756944
-16.7		5	R185S-15	10	5	CDTV6	R185S-15	34.503611	-80.771111
-20.5		5	R185S-16	10	5	CDTV6	R185S-16	34.464722	-80.767500
15.2	15.2	5	R215-1	10	5	CDTV6	R215-1	35.126111	-80.785833
57		5	R215-2	10	5	CDTV6	R215-2	35.089722	-80.807778
40.9		5	R215-3	10	5	CDTV6	R215-3	35.056111	-80.826111
35.1	35.1	5	R215-4	10	5	CDTV6	R215-4	35.024444	-80.884722
27.4	27.4	5	R215-5	10	5	CDTV6	R215-5	34.988333	-80.907222
7.5	7.5	5	R215-6	10	5	CDTV6	R215-6	34.953056	-80.940000
24.9	24.9	5	R215-7	10	5	CDTV6	R215-7	34.907222	-80.971111
14.2		5	R215-8	10	5	CDTV6	R215-8	34.884444	-80.989722
-13.8	-13.8	5	R215-9	10	5	CDTV6	R215-9	34.850278	-81.023333
-16.4	-16.4	5	R215S-10	10	5	CDTV6	R215S-10	34.807778	-81.057778
-9.2	-9.2	5	R215S-11	10	5	CDTV6	R215S-11	34.771944	-81.087778
-23.4	-23.4	5	R215S-12	10	5	CDTV6	R215S-12	34.734167	-81.118611
-3.9	-3.9	5	R215S-13	10	5	CDTV6	R215S-13	34.692778	-81.150278
-4.5	-4.5	5	R215S-14	10	5	CDTV6	R215S-14	34.658889	-81.188611
-14		5	R215S-15	10	5	CDTV6	R215S-15	35.639444	-81.233333
-44.1		5	R215S-16	10	5	CDTV6	R215S-16	35.622222	-81.240556
3.2	3.2	5	R270-1	10	5	CDTV6	R270-1	35.255833	-80.868889
28.3	28.3	5	R270-2	10	5	CDTV6	R270-2	35.251389	-80.917222
21.7	21.7	5	R270-3	10	5	CDTV6	R270-3	35.253611	-80.961111
30.4	30.4	5	R270-4	10	5	CDTV6	R270-4	35.251944	-81.021667
15.1	15.1	5	R270-5	10	5	CDTV6	R270-5	35.252222	-80.072778
27.9	27.9	5	R270-6	10	5	CDTV6	R270-6	35.250278	-81.130556
28.9	28.9	5	R270-7	10	5	CDTV6	R270-7	35.251111	-81.655556
14.7	14.7	5	R270-8	10	5	CDTV6	R270-8	35.248333	-81.228889
-9.7	-9.7	5	R270-9	10	5	CDTV6	R270-9	35.257222	-81.285000
2.7	2.7	5	R270S-10	10	5	CDTV6	R270S-10	35.253611	-81.341667
-21.1	-21.1	5	R270S-11	10	5	CDTV6	R270S-11	35.253611	-81.375556
-24.2	-24.2	5	R270S-12	10	5	CDTV6	R270S-12	35.252222	-81.447222
-9.3	-9.3	5	R270S-13	10	5	CDTV6	R270S-13	35.251389	-81.493056
-20		5	R270S-14	10	5	CDTV6	R270S-14	35.242778	-80.808611
-12.2	-12.2	5	R270S-15	10	5	CDTV6	R270S-15	35.253056	-81.605000
26.9		5	R270S-16	10	5	CDTV6	R270S-16	35.251111	-81.175556
8.1	8.1	5	R300-1	10	5	CDTV6	R300-1	35.318056	-80.837500
24.8	24.8	5	R300-2	10	5	CDTV6	R300-2	35.343056	-80.893056
20.4	20.4	5	R300-3	10	5	CDTV6	R300-3	35.370278	-80.933611
10.4	10.4	5	R300-4	10	5	CDTV6	R300-4	35.388056	-80.981389
3.8	3.8	5	R300-5	10	5	CDTV6	R300-5	35.403611	-80.028333
0	0	5	R300-6	10	5	CDTV6	R300-6	35.434444	-81.069444
16.4	16.4	5	R300-7	10	5	CDTV6	R300-7	35.455833	-81.121389
20.1	20.1	5	R300-8	10	5	CDTV6	R300-8	35.474444	-81.166111
1.5	1.5	5	R300-9	10	5	CDTV6	R300-9	35.496389	-81.208889
-16.1	-16.1	5	R300S-10	10	5	CDTV6	R300S-10	35.509444	-81.257222
-6.9	-6.9	5	R300S-11	10	5	CDTV6	R300S-11	35.533611	-81.302778
-2.7	-2.7	5	R300S-12	10	5	CDTV6	R300S-12	35.557222	-81.349444
-48.7		5	R300S-13	10	5	CDTV6	R300S-13	35.574722	-81.390833
-32.5		5	R300S-14	10	5	CDTV6	R300S-14	35.593056	-81.438611
-19	-19	5	R300S-15	10	5	CDTV6	R300S-15	35.623056	-81.651389
-16.4	-16.4	5	R300S-16	10	5	CDTV6	R300S-16	35.637778	-81.539167
11.9	11.9	5	R305-1	10	5	CDTV6	R305-1	35.326389	-80.836389
40.3		5	R305-2	10	5	CDTV6	R305-2	35.354444	-80.872222
22.6	22.6	5	R305-3	10	5	CDTV6	R305-3	35.383056	-80.921111
20.7	20.7	5	R305-4	10	5	CDTV6	R305-4	35.405556	-80.971111
28.2	28.2	5	R305-5	10	5	CDTV6	R305-5	35.433611	-81.003611
10.7	10.7	5	R305-6	10	5	CDTV6	R305-6	35.457500	-81.051111

	17.8													5	R305-7	10	5	CDTV6	R305-7	35.471389	-81.090556
	15.9		15.9											5	R305-8	10	5	CDTV6	R305-8	35.508889	-81.144444
	-5.3		-5.3											5	R305-9	10	5	CDTV6	R305-9	35.524444	-81.183333
	-17.9		-17.9											5	R305S-10	10	5	CDTV6	R305S-10	35.551944	-81.223611
	-35.4													5	R305S-11	10	5	CDTV6	R305S-11	35.574722	-81.270556
	4.7		4.7											5	R305S-12	10	5	CDTV6	R305S-12	35.605278	-81.316944
	-2.3		-2.3											5	R305S-13	10	5	CDTV6	R305S-13	35.632222	-81.353056
	-19.4		-19.4											5	R305S-14	10	5	CDTV6	R305S-14	35.654722	-81.418889
	-28.1													5	R305S-15	10	5	CDTV6	R305S-15	35.676389	-81.451389
	-30.3													5	R305S-16	10	5	CDTV6	R305S-16	35.707222	-81.487222
S	C	73.82 S	C	47	7.7	76.9746 S	C	-6.0	-6.0	7	69	100	7	WBTV	69	35.488240	-80.686270
U	Under	-7 U	Under	127	0	0 U	Under	-57.6		7	182	100	7	WBTV	182	35.769800	-79.878170
U	Under WSI	-7 U	Under WSI	122	0	0 U	Under WSPA	-37.1		7	295	100	7	WBTV	295	35.143520	-82.503230
S	C	91.33 S	C	26	10.2	93.232 S	C	3.8	3.8	7	408	100	7	WBTV	408	35.497770	-81.428290
S	C	59.82 S	C	62	5.9	60.9171 S	C	-3.5	-3.5	7	521	100	7	WBTV	521	35.252660	-80.516830
S	C	84.66 S	C	22	10.7	83.9565 S	C	9.3	9.3	7	634	100	7	WBTV	634	35.561870	-81.199000
S	C	44.25 U	Under	86	3	48.2461 S	C	-0.9	-0.9	7	747	100	7	WBTV	747	36.141150	-81.157520
S	C	52.34 S	C	77	4.1	55.2354 S	C	3.2	3.2	7	860	100	7	WBTV	860	35.875170	-81.757470
S	C	54.56 S	C	71	4.8	59.1554 S	C	-12.5	-12.5	7	973	100	7	WBTV	973	35.363860	-80.408570
S	C	55.88 S	C	53	6.9	55.9811 S	C	-6.9	-6.9	7	1086	100	7	WBTV	1086	35.731470	-81.554480
S	C	80.72 S	C	33	9.3	78.4184 S	C	1.0	1.0	7	1199	100	7	WBTV	1199	35.067260	-81.174940
S	C	82.55 S	C	26	10.2	84.4484 S	C	-2.0	-2.0	7	1312	100	7	WBTV	1312	35.589670	-81.092300
S	C	92.46 S	C	23	10.5	88.9612 S	C	7.0	7.0	7	1538	100	7	WBTV	1538	35.271960	-80.959000
S	C	66.19 S	C	66	5.4	67.7902 S	C	-3.0	-3.0	7	1651	100	7	WBTV	1651	35.420980	-81.916870
S	C	51.32 S	C	81	3.6	54.721 S	C	-8.2	-8.2	7	1764	100	7	WBTV	1764	35.285920	-82.079580
S	C	73.75 S	C	40	8.5	75.2475 S	C	1.9	1.9	7	1877	100	7	WBTV	1877	35.006790	-81.220590
S	C	48.24 S	C	123	0	55.2362 S	C	-5.9	-5.9	7	1990	100	7	WBTV	1990	34.305760	-81.595570
S	C	55.04 S	C	72	4.7	59.6874 S	C	-0.9	-0.9	7	2329	100	7	WBTV	2329	35.433970	-80.400880
S	C	40.68 U	Under	100	1.3	49.3785 S	C	-2.8	-2.8	7	2442	100	7	WBTV	2442	35.218420	-80.103660
S	C	54.28 S	C	56	6.6	57.9795 S	C	-6.1	-6.1	7	2555	100	7	WBTV	2555	35.705470	-81.646480
S	C	75.14 S	C	55	6.7	75.4439 S	C	6.8	6.8	7	2781	100	7	WBTV	2781	34.898670	-81.382790
U	Under	22.32 U	Under	109	0.2	29.2161 U	Under	-36.9		7	2894	100	7	WBTV	2894	35.711660	-80.064530
S	C	60.63 S	C	73	4.5	63.1279 S	C	-1.5	-1.5	7	3007	100	7	WBTV	3007	35.949870	-81.552880
S	C	53.95 S	C	103	0.9	60.0473 S	C	5.3	5.3	7	3120	100	7	WBTV	3120	36.032830	-80.404030
S	C	70.38 S	C	50	7.3	73.0804 S	C	7.4	7.4	7	3233	100	7	WBTV	3233	34.929220	-81.037960
S	C	86.03 S	C	37	8.9	88.5778 S	C	14.8	14.8	7	3346	100	7	WBTV	3346	35.070150	-80.985800
S	C	77.81 S	C	39	8.6	79.2096 S	C	2.8	2.8	7	3459	100	7	WBTV	3459	35.250920	-80.781390
S	C	57.09 S	C	87	2.9	62.6377 S	C	-4.4	-4.4	7	3572	100	7	WBTV	3572	34.922750	-80.401710
S	C WFMY	44.1 U	C WFMY	126	0	51.1002 S	C WFMY	4.4		7	3685	100	7	WBTV	3685	36.001500	-80.039100
S	C	44.44 U	Under	94	2	49.4369 S	C	-12.3	-12.3	7	3798	100	7	WBTV	3798	35.259670	-80.160600
S	C	80.4 S	C	46	7.8	79.598 S	C	8.0	8.0	7	3911	100	7	WBTV	3911	35.524560	-80.715110
U	Under	-7 U	Under	79	3.8	-1.9 U	Under	-48.0		7	4024	100	7	WBTV	4024	36.070470	-81.224290
S	C	73.51 S	C	46	7.8	72.712 S	C	0.2	0.2	7	4137	100	7	WBTV	4137	35.096450	-80.804560
S	C	54.7 S	C	102	1.1	60.6045 S	C	-2.9	-2.9	7	4250	100	7	WBTV	4250	34.718410	-81.977200
S	C	64.59 S	C	56	6.6	64.9908 S	C	-5.8	-5.8	7	4363	100	7	WBTV	4363	35.058690	-80.695820
S	C	69.6 S	C	62	5.9	70.6996 S	C	7.1	7.1	7	4476	100	7	WBTV	4476	35.301580	-81.862570
S	C	55.09 S	C	72	4.7	57.3921 S	C	-4.6	-4.6	7	4589	100	7	WBTV	4589	35.374280	-81.977370
S	C	75.13 S	C	48	7.5	78.3844 S	C	2.1	2.1	7	4702	100	7	WBTV	4702	35.752470	-81.428390
U	Under	-7 U	Under	110	0.1	-0.05 U	Under	-62.0		7	4815	100	7	WBTV	4815	36.283970	-81.625070
S	C	50.09 S	C	87	2.9	57.1873 S	C	-1.2	-1.2	7	4928	100	7	WBTV	4928	36.143970	-81.287790
S	C	87.66 S	C	38	8.7	87.658 S	C	3.5	3.5	7	5041	100	7	WBTV	5041	35.622360	-80.914200
S	C	41.03 U	Under	113	0	48.0289 S	C	-3.9	-3.9	7	5154	100	7	WBTV	5154	36.129540	-80.364140
S	C	71.5 S	C	44	8	73.5028 S	C	5.5	5.5	7	5267	100	7	WBTV	5267	35.106350	-80.821610
S	C	81.94 S	C	38	8.7	84.585 S	C	0.9	0.9	7	5380	100	7	WBTV	5380	35.620670	-81.460590
S	C	77.77 S	C	44	8	76.7705 S	C	1.2	1.2	7	5606	100	7	WBTV	5606	35.301360	-80.703210
S	C	67.37 S	C	58	6.3	68.073 S	C	-7.6	-7.6	7	5719	100	7	WBTV	5719	34.957150	-80.789610
S	C	63.37 S	C	66	5.4	64.9721 S	C	-2.9	-2.9	7	5832	100	7	WBTV	5832	35.612960	-80.520310
S	C	85.92 S	C	30	9.7	83.2179 S	C	1.8	1.8	7	5945	100	7	WBTV	5945	35.410960	-80.865600
S	C	57.07 S	C	70	4.9	59.167 S	C	-8.4	-8.4	7	6058	100	7	WBTV	6058	34.731560	-81.238490
S	C	85.6 S	C	37	8.9	83.7045 S	C	3.8	3.8	7	6171	100	7	WBTV	6171	35.030960	-81.155900
S	C	79.13 S	C	42	8.3	80.8261 S	C	-1.7	-1.7	7	6284	100	7	WBTV	6284	35.720530	-81.335190
S	C	44.9 U	Under	103	0.9	53.9961 S	C	-8.3	-8.3	7	6397	100	7	WBTV	6397	36.260250	-80.886960
S	C	88.28 S	C	35	9.1	86.184 S	C	2.2	2.2	7	6510	100	7	WBTV	6510	35.077120	-81.041030
S	C	62.74 S	C	68	5.1	67.1857 S	C	-3.0	-3.0	7	6623	100	7	WBTV	6623	35.010850	-80.578310
S	C	79.87 S	C	34	9.2	77.6699 S	C	2.3	2.3	7	6736	100	7	WBTV	6736	35.254980	-81.537520
U	Under	-10 U	Under	122	0	0 U	Under	-50.7		7	6849	100	7	WBTV	6849	34.767280	-82.307060
S	C	79.26 S	C	35	9.1	77.1602 S	C	9.8	9.8	7	6962	100	7	WBTV	6962	35.323960	-80.802410
U	Under	22.24 U	Under	124	0	29.2365 U	Under	-19.9		7	7075	100	7	WBTV	7075	36.145270	-80.208960
S	C	45.87 U	Under	79	3.8	50.9735 S	C	-11.3	-11.3	7	7188	100	7	WBTV	7188	35.650360	-80.384220
S	C	48.39 S	C	110	0	55.3857 S	C	-2.9	-2.9	7	7301	100	7	WBTV	7301	35.850960	-80.127030
U	Under	-7 U	Under	78	3.9	-3.9 U	Under	-60.7		7	7414	100	7	WBTV	7414	35.572440	-82.005740
S	C	93.83 S	C	15	11.5	95.0839 S	C	7.4	7.4	7	7527	100	7	WBTV	7527	35.438270	-81.323290
S	C	66.76 S	C	100	1.3	72.4587 S	C	9.6	9.6	7	7640	100	7	WBTV	7640	35.194790	-82.270060
S	C	70.92 S	C	50	7.3	73.6227 S	C	10.6	10.6	7	7753	100	7	WBTV	7753	35.409960	-80.643410
S	C	41.42 U	Under	122	0	47.417 S	C	-30.4	-30.4	7	7866	100	7	WBTV	7866	34.715550	-82.270640
S	C	41.83 U	Under	118	0	48.832 S	C	-8.6	-8.6	7	7979	100	7	WBTV	7979	35.819830	-80.012100
S	C	66.4 S	C	54	6.8	69.599 S	C	0.6	0.6	7	8092	100	7	WBTV	8092	35.412120	-80.595900
S	C	68.94 S	C	67	5.3	73.6425 S	C	5.1	5.1	7	8205	100	7	WBTV	8205	35.356980	-81.925270
S	C	52.34 S	C	77	4.1	55.2354 S	C	2.3	2.3	7	8318	100	7	WBTV	8318	35.875170	-81.757470
S	C	85.34 S	C	26	10.2	82.137 S	C	21.9	21.9	7	8431	100	7	WBTV	8431	35.561970	-81.039800
U	Under	-10 U	Under	116	0	0 U	Under	-76.0		7	8544	100	7	WBTV	8544	35.301080	-82.464060
U	C WSPA	-7 U	C WSPA	108	0.3	-0.3 U	Under WSPA	-36.7		7	8770	100	7	WBTV	8770	35.123590	-82.343110
S	C WFMY	40.93 U	Under WFI	125	0	50.929 S	C WFMY	19.8		7	8883	100	7	WBTV	8883	36.214350	-80.286300
U	Under	-7 U	Under	120	0	0 U	Under	-49.2		7	8996	100	7	WBTV	8996	35.263150	-82.504600
S	Over	57.5 S	Over	73	4.5	62.9994 S	Over	20.9		7	9109	100	7	WBTV	9109	35.682280	-80.485750
S	C	73.48 S	C	46	7.8	72.6791 S	C	3.4	3.4	7	9222	100	7	WBTV	9222	35.125750	-80.774810
S	C	48.04 S	C	103	0.9	54.5949 S	C	-4.9	-4.9	7	9335	100	7	WBTV	9335	35.944260	-80.292930
S	C	60.84 S	C	62	5.9	61.9419 S	C	-4.7	-4.7	7	9448	100	7	WBTV	9448	35.256360	-80.516010
U	Under	-7 U	Under	124	0	0 U	Under	-58.2		7	9561	100	7	WBTV	9561	35.409520	-82.558420
S	C	44.72 U	Under	60	6.1	45.6228 U	Under	-9.1		7	9674	100	7	WBTV	9674	35.320230	-80.522970
S	C	64.57 S	C	52	7.1	68.0166 S	C	-4.9	-4.9	7	9787	100	7	WBTV	9787	35.663660	-80.751310
S	C	78.7 S	C	38	8.7	80.0011 S	C	-1.7	-1.7	7	9900	100	7	WBTV	9900	35.697270	-81.297990
S	C	107.91 S	C	4	12.8	102.108 S	C	62.2	62.2	7	10013	100	7	WBTV	10013	35.399660	-81.193300
S	C	51.74 S	C	70	4.9	56.8429 S	C	-5.5	-5.5	7	10126	100	7	WBTV	10126	35.647370	-81.881470
S	C	55.06 S	C	98	1.5	63.5632 S	C	-5.7	-5.7	7	10239	100	7	WBTV	10239	35.808960	-80.256430
U	C WSPA	-10 U	C WSPA	124	0	0 U	C WSPA	-34.3		7	10352	100	7	WBTV	10352	34.849590	-82.400820
S	C	82.01 S	C	51	7.2	85.4107 S	C	6.6	6.6	7	10465	100	7	WBTV	10465	35.239570	-81.727440
S	C	70.53 S	C	51	7.2	73.3291 S	C	2.1	2.1	7	10578	100	7	WBTV	10578	34.904190	-81.189590
S	C	62.73 S	C	68	5.1	64.6334 S	C	-2.4	-2.4	7	10691	100	7	WBTV	10691	34.988750	-80.599710
S	C	75.56 S	C	37	8.9	76.6616 S	C	-0.9	-0.9	7	10804	100	7	WBTV	10804	35.135120	-80.896620
S	C	49.66 S	C	111	0	56.6618 S	C	-4.0	-4.0	7	10917	100	7	WBTV	10917	34.392960	-81.470480
S	C	52.87 S	C	83	3.3	56.5721 S	C	-10.8	-10.8	7	11030	100	7	WBTV	11030	34.699570	-80.762850
S	C	73.48 S	C	46	7.8	72.6791 S	C	3.4	3.4	7	11143	100	7	WBTV	11143	35.125750	-80.774810
S	C	69.54 S	C	70	4.9	74.6363 S	C	10.2	10.2	7	11256	100	7	WBTV	11256	35.585760	-80.460720
S	C	74.28 S	C	44	8	77.2807 S	C	-1.8	-1.8	7	11369	100	7	WBTV	11369	35.763470	-81.180300
S	C	71.74 S	C	49	7.4	75.0425 S	C	1.7	1.7	7	11482	100	7	WBTV	11482	35.186060	-80.692440
S	C	89.34 S	C	20	10.9	90.8905 S	C	2.5	2.5	7	11595	100	7	WBTV	11595	35.354470	-81.403390
S	C	83.95 S	C	27	10.1	85.9037 S	C	-2.2	-2.2	7	11708	100	7	WBTV	11708	35.607670	-81.222200
S	C	79.22 S	C	40	8.5	80.7195 S	C	11.1	11.1	7	11821	100	7	WBTV	11821	35.153350	-80.828910
								-85.12		8	12804	316	8	WCTI	12804	36.201200	-77.715400
C	68.33 S	C	23	9.7	71.484 S	C		-13.366	-13.4	9	3685	100	9	WFMY	3685	36.001500	-80.039100
C	45.72 U	Under	55	5.9	51.8206 S	C		-15.9794	-16.0	9	8883	100	9	WFMY	8883	36.214350	-80.286300
S	C	82.72 S	C	25	7	17.2	81.1 S C	9.2	9.2	10	7	100	10	WFOR	7	26.180060	-80.280140
S	C	84.09 S	C	20	15	17.8	76.3 S C	8.7	8.7	10	15	100	10	WFOR	15	26.139490	-80.202450
S	C	76.27 S	C	35	23	16	74.3 S C	8.7	8.7	10	23	100	10	WFOR	23	25.697000	-80.399200
S	C	73.56 S	C	38	31	15.6	65 S C	14.0	14.0	10	31	100	10	WFOR	31	25.661050	-80.384050
S	C	84.8 S	C	18	39	18	76.8 S C	18.5	18.5	10	39	100	10	WFOR	39	25.803410	-80.225950
S	C	77.8 S	C	26	47	17	70.8 S C	10.4	10.4	10	47	100	10	WFOR	47	25.729560	-80.255340
S	C	92.07 S	C	11	55	18.8	83.3 S C	14.4	14.4	10	55	100	10	WFOR	55	25.872460	-80.170830
S	C	73.41 S	C	39	63	15.5	72.7 S C	4.1	4.1	10	63	100	10	WFOR	63	26.310500	-80.233100
S	C	78.33 S	C	32	71	16.3	76.2 S C	7.6	7.6	10	71	100	10	WFOR	71	26.249840	-80.275720
S	C	99.6 S	C	7	79	19.3	90.3 S C	9.9	9.9	10	79	100	10	WFOR	79	25.918640	-80.261150
S	C	99.27 S	C	7	87	19.3	90 S C	18.0	18.0	10	87	100	10	WFOR	87	26.011660	-80.169800
S	C	73.46 S	C	33	95	16.2	67.3 S C	11.6	11.6	10	95	100	10	WFOR	95	25.699600	-80.364200
S	C	80.89 S	C	23	103	17.4	73.5 S C	10.0	10.0	10	103	100	10	WFOR	103	26.161620	-80.146170
S	C	95.8 S	C	8	111	19.2	86.6 S C	9.0	9.0	10	111	100	10	WFOR	111	25.900050	-80.168980
S	C	84.54 S	C	19	119	17.9	76.6 S C	7.2	7.2	10	119	100	10	WFOR	119	26.135120	-80.202620
S	C	66.57 S	C	53	127	13.8	65.7 S C	9.0	9.0	10	127	100	10	WFOR	127	25.520640	-80.396450
S	C	88.64 S	C	15	135	18.4	80.2 S C	5.1	5.1	10	135	100	10	WFOR	135	26.097970	-80.194150
S	C	88.86 S	C	14	143	18.5	80.4 S C	11.0	11.0	10	143	100	10	WFOR	143	26.081260	-80.150000

S	C	72.01 S	C	35	151	16	66 S	C	10.3	10.3	10	151	100	10 WFOR	151	26.263260	-80.090600
S	C	81.68 S	C	22	159	17.5	74.2 S	C	14.2	14.2	10	159	100	10 WFOR	159	26.164770	-80.222510
S	C	78.55 S	C	25	167	17.2	71.4 S	C	8.0	8.0	10	167	100	10 WFOR	167	25.743910	-80.285300
S	C	87.25 S	C	15	175	18.4	78.9 S	C	7.6	7.6	10	175	100	10 WFOR	175	25.825490	-80.230550
S	C	70.15 S	C	44	183	14.9	69.7 S	C	8.6	8.6	10	183	100	10 WFOR	183	25.618500	-80.423900
S	C	92.72 S	C	15	191	18.4	90.5 S	C	13.8	13.8	10	191	100	10 WFOR	191	25.885760	-80.333480
S	C	101.23 S	C	6	199	19.4	91.8 S	C	4.2	4.2	10	199	100	10 WFOR	199	26.015060	-80.208550
S	C	85.31 S	C	18	207	18	77.3 S	C	13.2	13.2	10	207	100	10 WFOR	207	25.819920	-80.128350
S	C	80 S	C	24	215	17.3	72.7 S	C	9.2	9.2	10	215	100	10 WFOR	215	26.173510	-80.150940
S	C	80.01 S	C	25	223	17.2	72.8 S	C	19.0	19.0	10	223	100	10 WFOR	223	26.167350	-80.108890
S	C	68.21 S	C	41	231	15.2	63 S	C	8.2	8.2	10	231	100	10 WFOR	231	25.621220	-80.362160
S	C	79.35 S	C	25	239	17.2	72.1 S	C	8.1	8.1	10	239	100	10 WFOR	239	26.184070	-80.142850
S	C	73.06 S	C	34	247	16.1	67 S	C	8.8	8.8	10	247	100	10 WFOR	247	25.699200	-80.377560
S	C	107 S	C	2	255	19.9	103 S	C	19.1	19.1	10	255	100	10 WFOR	255	25.967600	-80.193600
S	C	104.03 S	C	7	263	19.3	101.4 S	C	23.8	23.8	10	263	100	10 WFOR	263	25.990500	-80.271700
S	C	88.13 S	C	19	271	17.9	86.2 S	C	6.4	6.4	10	271	100	10 WFOR	271	26.123490	-80.274650
S	C	92.75 S	C	15	279	18.4	90.6 S	C	29.5	29.5	10	279	100	10 WFOR	279	26.053550	-80.321430
S	C	94.39 S	C	14	287	18.5	92.1 S	C	12.6	12.6	10	287	100	10 WFOR	287	26.025400	-80.328600
S	C	94.06 S	C	9	295	19.1	85 S	C	19.5	19.5	10	295	100	10 WFOR	295	25.885310	-80.174150
S	C	97.63 S	C	8	303	19.2	88.4 S	C	9.4	9.4	10	303	100	10 WFOR	303	26.028390	-80.174380
S	C	85.33 S	C	17	311	18.1	77.2 S	C	12.8	12.8	10	311	100	10 WFOR	311	25.808950	-80.238620
S	C	84.11 S	C	19	319	17.9	76.2 S	C	13.9	13.9	10	319	100	10 WFOR	319	25.824430	-80.326050
S	C	82.13 S	C	21	327	17.6	74.5 S	C	14.7	14.7	10	327	100	10 WFOR	327	26.128660	-80.105950
S	C	100.64 S	C	5	335	19.6	91 S	C	-0.4	-0.4	10	335	100	10 WFOR	335	25.990160	-80.168850
S	C	79.66 S	C	24	343	17.3	72.4 S	C	15.7	15.7	10	343	100	10 WFOR	343	25.750340	-80.239470
S	C	78.41 S	C	27	351	16.9	71.5 S	C	5.1	5.1	10	351	100	10 WFOR	351	26.203360	-80.155870
S	C	81.41 S	C	23	359	17.4	74 S	C	-2.4	-2.4	10	359	100	10 WFOR	359	26.113000	-80.374800
S	C	88.22 S	C	14	367	18.5	79.7 S	C	9.2	9.2	10	367	100	10 WFOR	367	25.838470	-80.181060
S	C	72.87 S	C	39	375	15.5	72.1 S	C	8.5	8.5	10	375	100	10 WFOR	375	25.665430	-80.418680
S	C	84.31 S	C	19	383	17.9	76.4 S	C	7.0	7.0	10	383	100	10 WFOR	383	26.138230	-80.226250
S	C	87.23 S	C	15	391	18.4	78.8 S	C	11.4	11.4	10	391	100	10 WFOR	391	25.825200	-80.216820
S	C	77.4 S	C	27	399	16.9	70.5 S	C	5.9	5.9	10	399	100	10 WFOR	399	25.725280	-80.261850
S	C	71.17 S	C	42	407	15.1	70.6 S	C	7.5	7.5	10	407	100	10 WFOR	407	25.604390	-80.328720
S	C	87.03 S	C	15	415	18.4	78.6 S	C	11.3	11.3	10	415	100	10 WFOR	415	25.827760	-80.183030
S	C	70.04 S	C	39	423	15.5	64.5 S	C	7.0	7.0	10	423	100	10 WFOR	423	26.295910	-80.098530
S	C	90.16 S	C	13	431	18.6	81.6 S	C	12.3	12.3	10	431	100	10 WFOR	431	25.848960	-80.235280
S	C	86.52 S	C	16	439	18.2	78.3 S	C	10.4	10.4	10	439	100	10 WFOR	439	25.819840	-80.204340
S	C	97.16 S	C	8	447	19.2	88 S	C	8.9	8.9	10	447	100	10 WFOR	447	25.892710	-80.225050
S	C	100.05 S	C	5	455	19.6	90.4 S	C	5.5	5.5	10	455	100	10 WFOR	455	25.958090	-80.159510
S	C	93.41 S	C	10	463	19	84.4 S	C	16.7	16.7	10	463	100	10 WFOR	463	25.887690	-80.161010
S	C	84.3 S	C	19	471	17.9	76.4 S	C	1.4	1.4	10	471	100	10 WFOR	471	26.126650	-80.153250
S	C	75.5 S	C	35	479	16	74.5 S	C	7.9	7.9	10	479	100	10 WFOR	479	25.717200	-80.423400
S	C	99.91 S	C	6	487	19.4	90.5 S	C	12.8	12.8	10	487	100	10 WFOR	487	26.016160	-80.184370
S	C	99.91 S	C	5	495	19.6	90.3 S	C	6.9	6.9	10	495	100	10 WFOR	495	25.936840	-80.167680
S	C	102.02 S	C	5	503	19.6	92.4 S	C	1.8	1.8	10	503	100	10 WFOR	503	26.001480	-80.193160
S	C	80.89 S	C	23	511	17.4	73.5 S	C	10.0	10.0	10	511	100	10 WFOR	511	26.161620	-80.146170
S	C	73.34 S	C	33	519	16.2	67.1 S	C	11.6	11.6	10	519	100	10 WFOR	519	26.243170	-80.090350
S	C	88.84 S	C	14	527	18.5	80.3 S	C	9.2	9.2	10	527	100	10 WFOR	527	25.838520	-80.231150
S	C	97.91 S	C	11	535	18.8	95.5 S	C	7.2	7.2	10	535	100	10 WFOR	535	26.029110	-80.294250
S	C	86.64 S	C	16	543	18.2	78.4 S	C	10.8	10.8	10	543	100	10 WFOR	543	25.820090	-80.211220
S	C	84.31 S	C	32	551	16.3	84.3 S	C	8.2	8.2	10	551	100	10 WFOR	551	25.748510	-80.427750
S	C	81.95 S	C	26	559	17	79.5 S	C	10.6	10.6	10	559	100	10 WFOR	559	25.746120	-80.319140
S	C	77.91 S	C	32	567	16.3	76.8 S	C	7.3	7.3	10	567	100	10 WFOR	567	26.252900	-80.186200
S	C	66.67 S	C	45	575	14.8	61.9 S	C	11.2	11.2	10	575	100	10 WFOR	575	25.593860	-80.385440
S	C	84.49 S	C	32	583	16.3	84.5 S	C	9.4	9.4	10	583	100	10 WFOR	583	25.743200	-80.414500
S	C	83.51 S	C	24	591	17.3	81.9 S	C	9.1	9.1	10	591	100	10 WFOR	591	26.168010	-80.291620
S	C	68.43 S	C	47	599	14.5	68.2 S	C	7.5	7.5	10	599	100	10 WFOR	599	25.572430	-80.389350
S	C	81.76 S	C	27	607	16.9	79.3 S	C	12.0	12.0	10	607	100	10 WFOR	607	26.208460	-80.248660
S	C	86.57 S	C	16	615	18.2	78.4 S	C	10.7	10.7	10	615	100	10 WFOR	615	25.821580	-80.250190
S	C	70.79 S	C	38	623	15.6	65.2 S	C	0.7	0.7	10	623	100	10 WFOR	623	26.294160	-80.103850
S	C	94.33 S	C	9	631	19.1	85.2 S	C	16.7	16.7	10	631	100	10 WFOR	631	25.897520	-80.157010
S	C	101.84 S	C	5	639	19.6	92.2 S	C	5.7	5.7	10	639	100	10 WFOR	639	25.933160	-80.249990
S	C	68.61 S	C	47	647	14.5	68.4 S	C	2.8	2.8	10	647	100	10 WFOR	647	25.584400	-80.412400
S	C	79.75 S	C	24	655	17.3	72.4 S	C	11.6	11.6	10	655	100	10 WFOR	655	25.751730	-80.201370
S	C	71.42 S	C	36	663	15.8	65.6 S	C	7.9	7.9	10	663	100	10 WFOR	663	25.664650	-80.357430
S	C	102.65 S	C	5	671	19.6	93 S	C	2.9	2.9	10	671	100	10 WFOR	671	26.005450	-80.220710
S	C	77.9 S	C	26	679	17	70.9 S	C	5.8	5.8	10	679	100	10 WFOR	679	25.732670	-80.269150
S	C	89.8 S	C	14	687	18.5	81.3 S	C	7.8	7.8	10	687	100	10 WFOR	687	26.090590	-80.206520
S	C	85.99 S	C	17	695	18.1	77.9 S	C	8.8	8.8	10	695	100	10 WFOR	695	25.814410	-80.227290
S	C	103.05 S	C	4	703	19.7	93.4 S	C	17.7	17.7	10	703	100	10 WFOR	703	25.967140	-80.251270
S	C	78.41 S	C	27	711	16.9	71.5 S	C	5.1	5.1	10	711	100	10 WFOR	711	26.203360	-80.155870
S	C	80.01 S	C	25	719	17.2	72.8 S	C	19.0	19.0	10	719	100	10 WFOR	719	26.167350	-80.108890
S	C	92.49 S	C	11	727	18.8	83.7 S	C	10.6	10.6	10	727	100	10 WFOR	727	25.873080	-80.176910
S	C	101.65 S	C	3	735	19.8	91.9 S	C	-3.7	-3.7	10	735	100	10 WFOR	735	25.990670	-80.222040
S	C	107.16 S	C	4	743	19.7	103.3 S	C	2.7	2.7	10	743	100	10 WFOR	743	25.995660	-80.225930
S	C	89.16 S	C	18	751	18	87.2 S	C	13.3	13.3	10	751	100	10 WFOR	751	26.083430	-80.334050
S	C	92.83 S	C	12	759	18.7	84.1 S	C	11.8	11.8	10	759	100	10 WFOR	759	25.936520	-80.329350
S	C	92.99 S	C	11	767	18.8	84.2 S	C	18.1	18.1	10	767	100	10 WFOR	767	26.064190	-80.187820
S	C	106.65 S	C	5	775	19.6	102.8 S	C	2.4	2.4	10	775	100	10 WFOR	775	25.951110	-80.258350
S	C	67.6 S	C	43	783	15	62.6 S	C	9.9	9.9	10	783	100	10 WFOR	783	25.603450	-80.364850
S	C	80.01 S	C	25	791	17.2	72.8 S	C	19.0	19.0	10	791	100	10 WFOR	791	26.167350	-80.108890
S	C	73.26 S	C	33	799	16.2	67.1 S	C	9.4	9.4	10	799	100	10 WFOR	799	25.679260	-80.313040
C	31.51 U	C	51	21	35 U	C		11.3	11.3		11	81	1200	11 WHP	81	39.985960	-77.234560
C	56.82 U	Under	32	23.3	59.2 U	Under		6.6	6.6		11	1956	1200	11 WHP	1956	40.079960	-76.737130
C	65.06 S	C	44	21.9	59.2 U	Under		11.7	11.7		11	3531	1200	11 WHP	3531	39.960470	-76.746170
C	44.77 U	C	59	20.1	48.7 U	C		0.5	0.5		11	4281	1200	11 WHP	4281	40.079900	-76.269000
C	69.15 S	C	43	22	63.1 U	Under		-4.6	-4.6		11	4806	1200	11 WHP	4806	40.005290	-77.111600
C	49.65 U	Under	58	20.2	45.4 U	Under		-16.3	-16.3		11	6156	1200	11 WHP	6156	40.026150	-76.327690
C	35.76 U	C	59	20.1	31.7 U	C		2.4	2.4		11	6381	1200	11 WHP	6381	40.033890	-76.309690
C	71.29 S	C	31	23.4	63.9 U	Under		19.4	19.4		11	7206	1200	11 WHP	7206	40.087380	-76.724420
C	93.23 S	C	34	17.3	83.9 S	C		18.5	18.5		12	6	316	12 WJZ	6	39.035790	-76.598840
Over	54.29 U	C	88	10.8	56.9 S	Over		13.6			12	81	316	12 WJZ	81	39.985960	-77.234560
C	73.58 S	C	36	17.1	64.5 S	C		9.0	9.0		12	156	316	12 WJZ	156	39.019310	-76.580860
C	68.65 S	C	79	11.9	70.7 S	C		8.4	8.4		12	231	316	12 WJZ	231	38.781580	-76.082130
C	51.74 U	Under	75	12.4	51.3 U	Under		7.0	7.0		12	306	316	12 WJZ	306	39.006390	-77.405990
C	94.83 S	C	6	20.7	89.1 S	C		-3.7	-3.7		12	381	316	12 WJZ	381	39.367160	-76.706610
C	104.92 S	C	21	18.9	104.9 S	C		21.4	21.4		12	456	316	12 WJZ	456	39.166420	-76.531660
C	53.26 U	Under	86	11.1	55.7 U	Under		0.8	0.8		12	531	316	12 WJZ	531	40.058840	-76.988790
C	75.16 S	C	57	14.5	72.7 S	C		15.1	15.1		12	606	316	12 WJZ	606	38.943090	-77.078010
C	93.96 S	C	18	19.2	86.8 S	C		5.8	5.8		12	681	316	12 WJZ	681	39.402510	-76.460260
Over	63.23 S	Over	60	14.2	64.1 S	Over		17.3			12	756	316	12 WJZ	756	39.760270	-76.228390
C	57.94 S	C	89	10.7	60.6 S	C		-12.0	-12.0		12	831	316	12 WJZ	831	39.447000	-75.623420
C	85.47 S	C	46	15.9	85.5 S	C		30.6	30.6		12	906	316	12 WJZ	906	39.743800	-76.683010
C WUSA	45.47 U	Under WUS	81	11.7	45.8 U	Under WUSA		11.4			12	981	316	12 WJZ	981	39.115190	-77.552790
C WUSA	72.28 S	C WUSA	59	14.3	70 S	C WUSA		36.1			12	1056	316	12 WJZ	1056	38.919220	-77.074150
C WUSA	51.89 U	C WUSA	86	11.1	48.8 U	C WUSA		6.3			12	1131	316	12 WJZ	1131	38.701230	-77.219470
C	69.98 S	C	55	14.8	70.6 S	C		13.9	13.9		12	1206	316	12 WJZ	1206	39.551570	-77.226760
C	51.97 U	Under	66	13.5	53.2 U	Under		-8.6	-8.6		12	1281	316	12 WJZ	1281	39.774440	-77.172790
C WUSA	52.31 U	C WUSA	71	12.9	53.9 U	C WUSA		12.7			12	1356	316	12 WJZ	1356	39.087600	-77.408240
C WUSA	54.05 U	C WUSA	73	12.6	49.4 U	Under WUSA		23.0			12	1431	316	12 WJZ	1431	39.009140	-77.384560
C WUSA	47.62 U	C WUSA	68	13.2	46.4 U	C WUSA		8.0			12	1506	316	12 WJZ	1506	38.873250	-77.176120
C	70.14 S	C	53	15	67.1 S	C		25.9	25.9		12	1581	316	12 WJZ	1581	39.034840	-77.125210
C	90.95 S	C	24	18.5	84.5 S	C		26.1	26.1		12	1656	316	12 WJZ	1656	39.225640	-76.896200
C WUSA	48.81 U	C WUSA	56	14.7	46.1 U	C WUSA		16.9			12	1731	316	12 WJZ	1731	38.929830	-77.044880
C	98.65 S	C	8	20.4	90.3 S	C		-1.6	-1.6		12	1806	316	12 WJZ	1806	39.339800	-76.748780
C WUSA	65.34 S	C WUSA	50	15.4	61.9 S	C WUSA		22.3			12	1881	316	12 WJZ	1881	39.042850	-77.091940
C	94.24 S	C	18	19.2	87 S	C		-7.4	-7.4		12	2031	316	12 WJZ	2031	39.260500	-76.464840
C WUSA	48.17 U	C WUSA	70	13	50.2 U	C WUSA		29.8			12	2106	316	12 WJZ	2106	38.910000	-77.254820
C	57.44 S	C	87	10.9	54.5 U	Under		6.9	6.9		12	2181	316	12 WJZ	2181	38.630780	-77.084500
C	73.44 S	C	43	16.2	69.2 S	C		7.0	7.0		12	2256	316	12 WJZ	2256	39.044820	-76.980610
C	51.65 U	Under	85	11.2	52.4 U	Under		4.1	4.1		12	2331	316	12 WJZ	2331	38.599680	-76.928000
C	68.65 S	C	79	11.9	70.7 S	C		14.2	14.2		12	2406	316	12 WJZ	2406	38.781580	-76.082130
C WUSA	-12 U	C WUSA	60	14.2	-14.2 U	C WUSA		-36.7			12	2481	316	12 WJZ	2481	38.913790	-77.090600
C	95.77 S	C WUSA	15	19.6	88.2 S	C		4.7	4.7		12	2556	316	12 WJZ	2556	39.303760	-76.485820
Under WUS	-8 U	Under	77	12.1	-6.1 U	Under WUSA		-42.9			12	2631	316	12 WJZ	2631	39.302520	-77.546230
C	55.78 U	Under	78	12	55.8 U	Under		-2.3	-2.3		12	2706	316	12 WJZ	2706	39.650620	-75.843880
C	83.4 S	C	41	16.5	78.9 S	C		24.7	24.7		12	2781	316	12 WJZ	2781	39.010900	-76.875660
C	51.58 U	Under	90	10.6	53 U	Under		-4.3	-4.3		12	2856	316	12 WJZ	2856	38.681810	-77.275010
C	62.11 S	C	85	11.2	58.9 S	C		12.4	12.4		12	2931	316	12 WJZ	2931	38.729970	-77.253960
C	78 S	C	44	16.1	73.9 S	C		24.3	24.3		12	3006	316	12 WJZ	3006	38.945230	-76.554970

C	70.93 S	C	71	12.9	70 S	C	5.5	5.5		12	3081	316	12 WJZ	3081	38.894490	-76.059340
C	101.03 S	C	12	19.9	99.1 S	C	8.8	8.8		12	3156	316	12 WJZ	3156	39.434630	-76.705240
C	66.07 S	C	68	13.2	67.5 S	C	-2.9	-2.9		12	3231	316	12 WJZ	3231	39.595600	-75.934630
C	75.16 S	C	57	14.5	72.7 S	C	15.1	15.1		12	3306	316	12 WJZ	3306	38.943090	-77.078010
C	73.72 S	C	72	12.7	73 S	C	0.1	0.1		12	3381	316	12 WJZ	3381	38.782850	-77.086970
C	93.93 S	C	19	19.1	86.8 S	C	6.1	6.1		12	3456	316	12 WJZ	3456	39.285360	-76.442660
C WHP	-12 U	C WHP	70	13	-13 U	Under WHP	-27.9			12	3531	316	12 WJZ	3531	39.960470	-76.746170
C WUSA	56.79 S	C WUSA	64	13.7	55.1 U	C WUSA	23.1			12	3606	316	12 WJZ	3606	38.832100	-77.006950
C	97.83 S	C	6	20.7	89.1 S	C	-3.9	-3.9		12	3681	316	12 WJZ	3681	39.369930	-76.703770
C	58.91 S	C	84	11.3	55.6 U	Under	-2.1	-2.1		12	3756	316	12 WJZ	3756	39.978830	-77.169950
C WUSA	71.12 S	C WUSA	64	13.7	69.4 S	C WUSA	27.9			12	3831	316	12 WJZ	3831	38.914500	-77.153560
Under	-8 U	Under	88	10.8	-5.4 U	Under	-67.3			12	3906	316	12 WJZ	3906	39.762900	-75.781980
C	95.91 S	C	24	18.5	94.7 S	C	6.6	6.6		12	3981	316	12 WJZ	3981	39.117540	-76.632680
C	51.81 U	Under	76	12.3	51.5 U	Under	7.5	7.5		12	4056	316	12 WJZ	4056	39.003360	-77.422440
C	98.79 S	C	7	20.5	90.3 S	C	8.7	8.7		12	4131	316	12 WJZ	4131	39.275930	-76.610880
C	90.18 S	C	25	18.4	83.8 S	C	31.7	31.7		12	4206	316	12 WJZ	4206	39.113590	-76.572230
C	-8 U	C	89	10.7	-5.4 U	C	-51.1	-51.1		12	4281	316	12 WJZ	4281	40.079900	-76.269000
C WUSA	50.43 U	C WUSA	85	11.2	47.2 U	Under WUSA	12.0			12	4356	316	12 WJZ	4356	38.852500	-77.416940
C WUSA	53.54 U	C WUSA	78	12	53.5 U	C WUSA	19.7			12	4431	316	12 WJZ	4431	38.815070	-77.249690
C	58.88 S	C	44	16.1	58.8 S	C	-17.3	-17.3		12	4506	316	12 WJZ	4506	39.453730	-77.141090
C	56.89 S	C	69	13.1	58.3 S	C	7.7	7.7		12	4581	316	12 WJZ	4581	38.958550	-77.289300
C	92.64 S	C	27	18.1	91.6 S	C	3.3	3.3		12	4656	316	12 WJZ	4656	39.095890	-76.623310
C WUSA	56.51 S	C WUSA	49	15.5	53 U	C WUSA	25.4			12	4731	316	12 WJZ	4731	39.034310	-77.066250
C WHP	-12 U	C WHP	84	11.3	-11.3 U	Under WHP	-55.5			12	4806	316	12 WJZ	4806	40.005290	-77.111600
C	77.52 S	C	50	15.4	77.8 S	C	13.1	13.1		12	4881	316	12 WJZ	4881	39.149290	-77.176900
C	91.03 S	C	27	18.1	90 S	C	20.4	20.4		12	4956	316	12 WJZ	4956	39.204090	-76.921600
Under	-8 U	Under	70	13	-6.5 U	Under	-68.7			12	5031	316	12 WJZ	5031	39.900280	-76.999040
C WBOC	61.9 S	C WBOC	89	10.7	64.5 S	C WBOC	18.2			12	5106	316	12 WJZ	5106	38.737880	-75.956540
C	80.25 S	C	42	16.3	76 S	C	13.2	13.2		12	5181	316	12 WJZ	5181	38.999590	-76.876900
C	74.58 S	C	56	14.7	75.2 S	C	-1.4	-1.4		12	5256	316	12 WJZ	5256	38.843760	-76.798630
C	85.47 S	C	46	15.9	85.5 S	C	20.9	20.9		12	5331	316	12 WJZ	5331	39.743800	-76.683010
C	75.16 S	C	57	14.5	72.7 S	C	15.1	15.1		12	5406	316	12 WJZ	5406	38.943090	-77.078010
C	75.16 S	C	57	14.5	72.7 S	C	15.1	15.1		12	5481	316	12 WJZ	5481	38.943090	-77.078010
C	96.98 S	C	6	20.7	88.3 S	C	10.2	10.2		12	5556	316	12 WJZ	5556	39.287850	-76.675690
C	63.2 S	C	83	11.4	65.5 S	C	0.3	0.3		12	5631	316	12 WJZ	5631	39.256590	-75.687250
C	75.16 S	C	57	14.5	72.7 S	C	15.1	15.1		12	5706	316	12 WJZ	5706	38.943090	-77.078010
C	91.75 S	C	29	17.9	81.9 S	C	15.4	15.4		12	5781	316	12 WJZ	5781	39.101490	-76.509160
Over	78.75 S	Over	19	19.1	77.2 S	Over	31.6			12	5856	316	12 WJZ	5856	39.491470	-76.738490
C	67.57 S	C	54	14.9	64.7 S	C	20.6	20.6		12	5931	316	12 WJZ	5931	39.054970	-77.161990
C WUSA	61.21 S	C WUSA	57	14.5	58.7 S	C WUSA	33.5			12	6006	316	12 WJZ	6006	38.901900	-76.996350
C WUSA	65.11 S	C WUSA	55	14.8	65.3 S	C WUSA	35.1			12	6081	316	12 WJZ	6081	38.984630	-77.097700
C WHP	51.6 U	Under WHI	82	11.5	52.1 U	Under WHP	20.8			12	6156	316	12 WJZ	6156	40.026150	-76.327690
Over	48.86 U	C	88	10.8	46.1 U	C	6.0			12	6231	316	12 WJZ	6231	38.739040	-77.324860
Under	-8 U	Under	90	10.6	-5.3 U	Under	-60.1			12	6306	316	12 WJZ	6306	39.724980	-77.574220
C	-12 U	C	83	11.4	-11.4 U	C	-27.0	-27.0		12	6381	316	12 WJZ	6381	40.033890	-76.309690
C	65.41 S	C	65	13.6	63.8 S	C	8.1	8.1		12	6456	316	12 WJZ	6456	38.855170	-77.091780
C	97.62 S	C	19	19.1	86.5 S	C	12.8	12.8		12	6531	316	12 WJZ	6531	39.178000	-76.752570
C	69.81 S	C	52	15.1	62.7 S	C	13.7	13.7		12	6606	316	12 WJZ	6606	39.190690	-77.226200
C	95.98 S	C	24	18.5	94.7 S	C	13.7	13.7		12	6756	316	12 WJZ	6756	39.490740	-76.463870
C	75.16 S	C	57	14.5	72.7 S	C	15.1	15.1		12	6831	316	12 WJZ	6831	38.943090	-77.078010
C	48.92 U	Under	78	12	48.9 U	Under	3.9	3.9		12	6906	316	12 WJZ	6906	38.801540	-77.232380
C	70.56 S	C	76	12.3	72.4 S	C	3.9	3.9		12	6981	316	12 WJZ	6981	38.872690	-75.998040
C	73.52 S	C	52	15.1	70.4 S	C	13.3	13.3		12	7056	316	12 WJZ	7056	38.886610	-76.491780
C	60.29 S	C	55	14.8	60.9 S	C	10.6	10.6		12	7131	316	12 WJZ	7131	39.329800	-77.287660
C WHP	-12 U	C WHP	84	11.3	-11.3 U	Under WHP	-30.1			12	7206	316	12 WJZ	7206	40.087380	-76.724420
C	98.39 S	C	9	20.3	90.1 S	C	-0.9	-0.9		12	7281	316	12 WJZ	7281	39.401880	-76.713320
C	85.94 S	C	49	15.5	86.2 S	C	25.2	25.2		12	7356	316	12 WJZ	7356	38.897490	-76.619010
Under	-8 U	Under	89	10.7	-10.7 U	Under	-64.9			12	7431	316	12 WJZ	7431	38.617480	-77.097200
C	81.85 S	C	33	17.4	76.5 S	C	24.6	24.6		12	7506	316	12 WJZ	7506	39.148540	-76.943140
C	63.42 S	C	72	12.7	65.1 S	C	3.3	3.3		12	7581	316	12 WJZ	7581	39.628680	-77.393080
C	72.61 S	C	46	15.9	68.7 S	C	23.3	23.3		12	7656	316	12 WJZ	7656	39.027000	-77.004080
C	63.73 S	C	56	14.7	64.4 S	C	-5.4	-5.4		12	7731	316	12 WJZ	7731	39.786050	-76.941850
C WUSA	52.82 U	C WUSA	76	12.3	52.5 U	C WUSA	17.2			12	7806	316	12 WJZ	7806	38.828110	-77.239520
C	72.21 S	C	52	15.1	71.7 S	C	18.0	18.0		12	7881	316	12 WJZ	7881	39.021510	-77.104990
S	10 C	110.5896 S	C	4	28.7	98.8896 S	C	23.1	23.1	13	10	2340	13 WPGH	10	40.495600	-80.056490
S	39 C	59.3508 U	Under	41	24.3	65.2008 S	C	8.4	8.4	13	39	2340	13 WPGH	39	40.590800	-79.541440
U	68 C WWCP	-21 U	Under WW	19	26.9	-26.9 U	C WWCP	-60.0		13	68	2340	13 WPGH	68	40.355460	-79.884440
S	97 C	97.3303 S	C	9	28.1	90.2303 S	C	28.2	28.2	13	97	2340	13 WPGH	97	40.441070	-79.926610
S	126 C	96.6643 S	C	12	27.8	89.8643 S	C	44.8	44.8	13	126	2340	13 WPGH	126	40.388960	-80.038370
S	155 Over	43.2365 U	C	39	24.5	43.7365 U	C	14.0		13	155	2340	13 WPGH	155	40.218930	-80.295920
S	184 C	96.2107 S	C	7	28.4	88.8107 S	C	45.7	45.7	13	184	2340	13 WPGH	184	40.447590	-80.067190
U	213 C	-18 U	C	79	19.7	-9.85 U	C	-26.5	-26.5	13	213	2340	13 WPGH	213	40.587240	-80.937190
S	242 Over	47.392 U	C	63	21.7	46.692 U	C	15.6		13	242	2340	13 WPGH	242	40.363130	-80.727940
S	271 C	90.8449 S	C	13	27.7	84.1449 S	C	40.3	40.3	13	271	2340	13 WPGH	271	40.385390	-80.068850
S	300 C	101.0657 S	C	11	27.9	90.1657 S	C	25.3	25.3	13	300	2340	13 WPGH	300	40.523910	-79.880010
S	329 C	100.0252 S	C	7	28.4	88.6252 S	C	42.6	42.6	13	329	2340	13 WPGH	329	40.444760	-79.948670
U	358 C	-17 U	C	78	19.9	-19.9 U	C	-30.9	-30.9	13	358	2340	13 WPGH	358	40.066480	-80.735060
S	387 C	45.7148 U	Under	40	24.4	42.3148 U	Under	-5.5	-5.5	13	387	2340	13 WPGH	387	40.189160	-80.255990
U	416 C	-17 U	C	54	22.7	-22.7 U	C	-60.5	-60.5	13	416	2340	13 WPGH	416	40.020560	-79.888620
S	445 Over	91.8493 S	Over	44	23.9	95.8993 S	Over	50.7		13	445	2340	13 WPGH	445	40.773040	-80.374710
S	474 C	97.3272 S	C	9	28.1	90.2272 S	C	5.8	5.8	13	474	2340	13 WPGH	474	40.535640	-79.913480
S	503 C	104.8796 S	C	5	28.6	97.2796 S	C	21.4	21.4	13	503	2340	13 WPGH	503	40.502530	-80.068820
S	532 Over	87.525 S	Over	24	26.3	82.225 S	Over	45.3		13	532	2340	13 WPGH	532	40.295070	-80.095800
S	561 C	59.6607 U	Under	9	28.1	52.5607 U	Under	-3.3	-3.3	13	561	2340	13 WPGH	561	40.576570	-80.030320
S	590 Over	51.2473 U	C	46	23.7	48.5473 U	Over WWC	22.4		13	590	2340	13 WPGH	590	40.279710	-79.545570
S	619 C	110.5896 S	C	4	28.7	98.8896 S	C	23.1	23.1	13	619	2340	13 WPGH	619	40.495600	-80.056490
U	648 Under	-18 U	Under	27	26	-26 U	Under	-70.6		13	648	2340	13 WPGH	648	40.427230	-79.698430
S	677 C	74.9012 S	C	15	27.4	68.5012 S	C	7.3	7.3	13	677	2340	13 WPGH	677	40.363470	-80.062560
S	706 C	61.8089 U	Under	47	23.6	55.2089 U	Under	7.4	7.4	13	706	2340	13 WPGH	706	40.401130	-80.552310
U	735 C	59.5019 U	C	62	21.8	58.7019 U	C	21.1		13	735	2340	13 WPGH	735	40.333080	-79.300520
U	764 C	-21 U	C	52	23.1	-23.1 U	C	-47.0	-47.0	13	764	2340	13 WPGH	764	40.620530	-80.601260
U	793 Under	-21 U	Under	38	24.7	-24.7 U	Under	-64.0		13	793	2340	13 WPGH	793	40.173680	-79.862850
S	822 Over	65.823 S	Over	38	24.7	58.123 U	C	23.4		13	822	2340	13 WPGH	822	40.327810	-79.619940
S	851 Over	51.6385 U	C	63	21.7	54.9385 U	C	27.5		13	851	2340	13 WPGH	851	40.381430	-80.730000
S	880 C	110.5896 S	C	4	28.7	98.8896 S	C	23.1	23.1	13	880	2340	13 WPGH	880	40.495600	-80.056490
U	909 C	-21 U	C	39	24.5	-24.5 U	C	-52.1	-52.1	13	909	2340	13 WPGH	909	40.584910	-79.560850
S	938 Over	65.261 S	Over	14	27.5	58.761 U	C	39.3		13	938	2340	13 WPGH	938	40.373240	-80.063700
U	967 C	-21 U	C	57	22.4	-22.4 U	C	-41.5	-41.5	13	967	2340	13 WPGH	967	40.204400	-80.555440
U	996 C	-25 U	C	45	23.8	-23.8 U	C	-58.0	-58.0	13	996	2340	13 WPGH	996	40.894940	-80.106820
S	1025 C	97.1937 S	C	8	28.3	89.8937 S	C	36.5	36.5	13	1025	2340	13 WPGH	1025	40.454470	-79.920000
S	1054 C	84.7868 S	C	43	24.1	81.6868 S	C	27.7	27.7	13	1054	2340	13 WPGH	1054	40.353130	-80.476110
S	1083 C	95.9092 S	C	14	27.5	89.4092 S	C	23.4	23.4	13	1083	2340	13 WPGH	1083	40.610880	-79.940340
S	1112 Over	52.7021 U	C	41	24.3	49.4021 U	C	13.6		13	1112	2340	13 WPGH	1112	40.175770	-80.250710
S	1170 C	65.7796 S	C	24	26.3	60.4796 U	Under	19.1	19.1	13	1170	2340	13 WPGH	1170	40.702560	-80.091950
S	1199 C	95.9657 S	C	14	27.5	89.4657 S	C	31.5	31.5	13	1199	2340	13 WPGH	1199	40.429800	-79.866040
U	1228 C	-21 U	C	54	22.7	-22.7 U	C	-53.4	-53.4	13	1228	2340	13 WPGH	1228	40.274400	-80.574010
S	1257 C WWCP	76.0936 S	C WWCP	7	28.4	64.6936 S	C WWCP	32.1		13	1257	2340	13 WPGH	1257	40.448080	-79.951460
S	1286 C	110.5896 S	C	4	28.7	98.8896 S	C	23.1	23.1	13	1286	2340	13 WPGH	1286	40.495600	-80.056490
U	1315 C	-21 U	C	59	22.1	-22.1 U	C	-58.4	-58.4	13	1315	2340	13 WPGH	1315	40.357570	-80.672590
S	1344 C	80.0741 S	C	30	25.6	79.4741 S	C	29.3	29.3	13	1344	2340	13 WPGH	1344	40.234030	-80.072920
S	1373 C	56.0676 U	Under	39	24.5	52.5676 U	Under	10.3	10.3	13	1373	2340	13 WPGH	1373	40.751930	-80.322050
S	1402 C	48.1966 U	Under	27	26	43.1966 U	Under	-7.8	-7.8	13	1402	2340	13 WPGH	1402	40.603080	-80.295770
U	1431 Under WW	-21 U	Under WW	71	20.7	-20.7 U	Under WW	-57.8		13	1431	2340	13 WPGH	1431	40.613700	-79.182420
U	1460 C	-25 U	C	46	23.7	-23.7 U	C	-28.5	-28.5	13	1460	2340	13 WPGH	1460	40.902570	-79.893580
S	1489 C	83.7785 S	C	39	24.5	80.2785 S	C	31.4	31.4	13	1489	2340	13 WPGH	1489	40.317880	-79.612010
U	1518 C	-21 U	C	74	20.3	-20.3 U	C	-30.3	-30.3	13	1518	2340	13 WPGH	1518	40.051220	-80.659250
S	1547 C	110.5896 S	C	4	28.7	98.8896 S	C	23.1	23.1	13	1547	2340	13 WPGH	1547	40.495600	-80.056490
S	1576 C	96.9228 S	C	9	28.1	85.8228 S	C	35.6	35.6	13	1576	2340	13 WPGH	1576	40.439630	-80.077660
S	1605 C	73.5573 S	C	65	21.4	80.8573 S	C	20.6	20.6	13	1605	2340	13 WPGH	1605	40.956340	-80.470110
U	1634 Under	-21 U	Under	61	21.9	-21.9 U	Under	-79.8		13	1634	2340	13 WPGH	1634	40.981850	-80.350700
S	1663 C	105.1088 S	C	5	28.6	97.5088 S	C	34.6	34.6	13	1663	2340	13 WPGH	1663	40.464530	-79.956900
S	1692 C	95.9976 S	C	14	27.5	89.4976 S	C	26.9	26.9	13	1692	2340	13 WPGH	1692	40.613130	-80.054820
S	1721 C	49.0512 U	Under	23	26.5	47.5512 U	Under	0.7	0.7	13	1721	2340	13 WPGH	1721	40.292340	-79.986690
S	1750 C	87.4657 S	C	41	24.3	84.1657 S	C	35.7	35.7	13	1750	2340	13 WPGH	1750	40.703120	-80.403970
S	1779 C	105.6973 S	C	5	28.6	98.0973 S	C	15.3	15.3	13	1779	2340	13 WPGH	1779	40.465360	-79.961410
S	1808 C	96.9467 S	C	8	28.3	89.6467 S	C	34.9	34.9	13	1808	2340	13 WPGH	1808	40.423070	-79.993160
S	1837 C	108.3813 S	C	4	28.7	100.6813 S	C	24.9	24.9	13	1837	2340	13 WPGH	1837	40.488970	-80.047300
S	1866 Over	103.8094 S	Over	6	28.5	96.3094 S	Over	65.7		13	1866	2340	13 WPGH	1866	40.466100	-80.067070
S	1895 Over	92.4147 S	Over	23	26.5	86.9147 S	Over	57.8		13	1895	2340	13 WPGH	1895	40.442330	-80.262920
S	1924 C	58.6516 U	Under	9	28.1	51.5516 U	Under	4.8	4.8	13	1924	2340	13 WPGH	1924	40.430260	-80.064170

U	1953	Under	50.1747	U	Under	31	25.5	45.6747	U	Under	0.0	0.0	13	1953	2340	13	WPGH	1953	40.263410 -80.201360
S	1982	Over	48.5057	U	C	75	20.2	56.4057	U	C	20.1		13	1982	2340	13	WPGH	1982	40.608770 -80.881020
S	2011	C WWCP	62.0297	U	Under WW	15	27.4	55.6297	U	Under WW	39.0		13	2011	2340	13	WPGH	2011	40.363370 -80.053200
U	2040	C	43.0121	U	C	43	24.1	43.9121	U	C	15.3		13	2040	2340	13	WPGH	2040	40.511830 -80.507410
S	2069	C	92.7019	S	C	17	27.2	86.5019	S	C	25.9	25.9	13	2069	2340	13	WPGH	2069	40.354530 -80.081120
S	2098	C	96.1068	S	C	13	27.7	89.4068	S	C	25.3	25.3	13	2098	2340	13	WPGH	2098	40.445270 -79.859570
S	2127	C	90.1606	S	C	13	27.7	83.4606	S	C	20.8	20.8	13	2127	2340	13	WPGH	2127	40.381840 -80.056790
U	2156	C	-17	U	C	39	24.5	-24.5	U	C	-55.6	-55.6	13	2156	2340	13	WPGH	2156	40.160730 -79.885030
S	2185	C	108.7027	S	C	4	28.7	101.0027	S	C	27.2	27.2	13	2185	2340	13	WPGH	2185	40.525480 -79.992800
U	2214	C	-17	U	C	37	24.8	-24.8	U	C	-56.0	-56.0	13	2214	2340	13	WPGH	2214	40.627340 -79.604360
S	2243	C	73.8341	S	C	10	28	66.8341	S	C	21.3	21.3	13	2243	2340	13	WPGH	2243	40.497070 -79.892180
S	2272	C	110.5896	S	C	4	28.7	98.8896	S	C	23.1	23.1	13	2272	2340	13	WPGH	2272	40.495600 -80.056490
S	2301	C	108.8534	S	C	6	28.5	110.6034	S	C	33.9	33.9	13	2301	2340	13	WPGH	2301	40.488550 -80.077070
S	2330	C	97.2365	S	C	9	28.1	90.1365	S	C	9.2	9.2	13	2330	2340	13	WPGH	2330	40.489590 -79.903490
S	2359	C	55.9691	U	Under	63	21.7	59.2691	U	Under	-4.9	-4.9	13	2359	2340	13	WPGH	2359	40.338330 -79.293060
S	2388	C	57.8954	U	Under	46	23.7	55.1954	U	Under	9.8	9.8	13	2388	2340	13	WPGH	2388	40.851810 -80.272030
U	2417	C	-21	U	C	37	24.8	-24.8	U	C	-62.2	-62.2	13	2417	2340	13	WPGH	2417	40.212670 -79.771680
S	2446	Over	62.9268	U	C	45	23.8	56.1268	U	C	17.0		13	2446	2340	13	WPGH	2446	40.849360 -80.268010
S	2475	C	110.0453	S	C	5	28.6	98.4453	S	C	56.0	56.0	13	2475	2340	13	WPGH	2475	40.455410 -80.025840
S	2504	C	95.8147	S	C	14	27.5	89.3147	S	C	9.3	9.3	13	2504	2340	13	WPGH	2504	40.391960 -79.906770
S	2533	Over	57.4488	U	C	22	26.6	51.8488	U	C	17.4		13	2533	2340	13	WPGH	2533	40.577140 -79.762380
U	2562	C	-21	U	C	76	20.1	-20.1	U	C	-35.9	-35.9	13	2562	2340	13	WPGH	2562	40.082930 -80.713100
S	2591	Over	61.5346	U	C	30	25.6	66.7346	S	Over	22.4		13	2591	2340	13	WPGH	2591	40.761970 -80.007240
S	2620	C	100.7418	S	C	8	28.3	89.4418	S	C	6.1	6.1	13	2620	2340	13	WPGH	2620	40.426640 -79.982540
U	2649	C	-18	U	C	69	20.9	-10.45	U	C	-35.5	-35.5	13	2649	2340	13	WPGH	2649	39.875500 -79.978520
U	2707	C	-21	U	C	46	23.7	-23.7	U	C	-54.4	-54.4	13	2707	2340	13	WPGH	2707	40.130150 -80.253530
S	2736	C	54.9575	U	Under	64	21.5	60.2075	U	Under	-2.6	-2.6	13	2736	2340	13	WPGH	2736	41.071940 -80.061330
S	2765	C	94.7779	S	C	17	27.2	88.5779	S	C	44.7	44.7	13	2765	2340	13	WPGH	2765	40.633680 -80.078020
U	2794	C	-18	U	C	55	22.6	-11.3	U	C	-38.5	-38.5	13	2794	2340	13	WPGH	2794	40.685320 -80.608180
S	2823	Over	43.8195	U	C	70	20.8	48.0195	U	C	14.4		13	2823	2340	13	WPGH	2823	41.119040 -79.933820
S	2852	C	74.4484	S	C	24	26.3	69.1484	S	C	15.6	15.6	13	2852	2340	13	WPGH	2852	40.690130 -80.126120
S	2881	C	91.752	S	C	14	27.5	89.252	S	C	23.3	23.3	13	2881	2340	13	WPGH	2881	40.623870 -79.994750
U	2910	C	-17	U	C	33	25.3	-25.3	U	C	-61.5	-61.5	13	2910	2340	13	WPGH	2910	40.201630 -79.924130
S	2939	C	47.5883	U	Under	62	21.8	46.7883	U	Under	3.2	3.2	13	2939	2340	13	WPGH	2939	40.374500 -80.715430
S	2968	C	110.5896	S	C	4	28.7	98.8896	S	C	23.1	23.1	13	2968	2340	13	WPGH	2968	40.495600 -80.056490
S	2997	C	54.6563	U	Under	18	27.1	52.5563	U	Under	8.0	8.0	13	2997	2340	13	WPGH	2997	40.396070 -79.830840
S	3026	C	62.7621	U	Under	19	26.9	56.8621	U	Under	10.7	10.7	13	3026	2340	13	WPGH	3026	40.654330 -80.080020
S	3055	C	90.7352	S	C	17	27.2	88.5352	S	C	41.8	41.8	13	3055	2340	13	WPGH	3055	40.577830 -80.169720
													14	1212	302	14	WSET	1212	36.605100 -78.761900
	-65.5												14	9402	302	14	WSET	9402	35.911200 -78.921400
Under	295		-8	U	Under	20	17.7	-8.85	U	Under	295	66.2	16	295	316	16	WSPA	295	34.143520 -82.503230
C	1425		60.4533	S	C	29	16.6	60.1533	S	C	1425	4.4	4.4	16	1425	316	16	WSPA	1425	35.333080 -82.534860
C	8770		59.07	S	C	7	19.3	47.77	U	Under	8770	0.8	0.8	16	8770	316	16	WSPA	8770	35.123590 -82.343110
C	10352		63.6715	S	C	37	15.7	62.9715	S	C	10352	-9.0	-9.0	16	10352	316	16	WSPA	10352	34.849590 -82.400820
S		C	94.1	S	C	25	17.2	93.5	S	C		7.5	7.5	17	7	316	17	WSVN	7	26.180060 -80.280140
S		C	90.62	S	C	20	17.8	87.8	S	C		8.2	8.2	17	15	316	17	WSVN	15	26.139490 -80.202450
S		C	88.23	S	C	35	16	87.2	S	C		10.0	10.0	17	23	316	17	WSVN	23	25.697000 -80.399200
S		C	85.41	S	C	38	15.6	77.8	S	C		12.4	12.4	17	31	316	17	WSVN	31	25.661050 -80.384050
S		C	91.33	S	C	18	18	88.3	S	C		24.7	24.7	17	39	316	17	WSVN	39	25.803410 -80.225950
S		C	89.09	S	C	26	17	84.1	S	C		11.2	11.2	17	47	316	17	WSVN	47	25.729560 -80.255340
S		C	97.68	S	C	11	18.8	90.9	S	C		23.3	23.3	17	55	316	17	WSVN	55	25.872460 -80.170830
S		C	85	S	C	39	15.5	85.2	S	C		4.2	4.2	17	63	316	17	WSVN	63	26.310500 -80.233100
S		C	89.94	S	C	32	16.3	88.8	S	C		10.6	10.6	17	71	316	17	WSVN	71	26.249840 -80.275720
S		C	96.05	S	C	7	19.3	91.7	S	C		0.2	0.2	17	79	316	17	WSVN	79	25.918640 -80.261150
S		C	99.01	S	C	7	19.3	91.7	S	C		9.4	9.4	17	87	316	17	WSVN	87	26.011660 -80.169800
S		C	84.48	S	C	33	16.2	80.3	S	C		10.9	10.9	17	95	316	17	WSVN	95	25.699600 -80.364200
S		C	91.6	S	C	23	17.4	86.2	S	C		13.5	13.5	17	103	316	17	WSVN	103	26.161620 -80.146170
S		C	98.89	S	C	8	19.2	91.7	S	C		3.1	3.1	17	111	316	17	WSVN	111	25.900050 -80.168980
S		C	90.82	S	C	19	17.9	87.9	S	C		9.5	9.5	17	119	316	17	WSVN	119	26.135120 -80.202620
S		C	77.76	S	C	53	13.8	77.9	S	C		9.9	9.9	17	127	316	17	WSVN	127	25.520640 -80.396450
S		C	95.61	S	C	15	18.4	89.2	S	C		4.3	4.3	17	135	316	17	WSVN	135	26.097970 -80.194150
S		C	92.88	S	C	14	18.5	89.4	S	C		5.9	5.9	17	143	316	17	WSVN	143	26.081260 -80.150000
S		C	82.99	S	C	35	16	79	S	C		11.5	11.5	17	151	316	17	WSVN	151	26.263260 -80.090600
S		C	89.05	S	C	22	17.5	86.5	S	C		8.9	8.9	17	159	316	17	WSVN	159	26.164770 -80.222510
S		C	89.7	S	C	25	17.2	84.5	S	C		11.0	11.0	17	167	316	17	WSVN	167	25.743910 -80.285300
S		C	95.41	S	C	15	18.4	89	S	C		8.0	8.0	17	175	316	17	WSVN	175	25.825490 -80.230550
S		C	81.55	S	C	44	14.9	82.1	S	C		9.0	9.0	17	183	316	17	WSVN	183	25.618500 -80.423900
S		C	99.68	S	C	15	18.4	98.5	S	C		30.4	30.4	17	191	316	17	WSVN	191	25.885760 -80.333480
S		C	97.94	S	C	6	19.4	90.5	S	C		-3.0	-3.0	17	199	316	17	WSVN	199	26.015060 -80.208550
S		C	94.25	S	C	18	18	88.3	S	C		10.6	10.6	17	207	316	17	WSVN	207	25.819920 -80.128350
S		C	90.74	S	C	24	17.3	85.4	S	C		9.5	9.5	17	215	316	17	WSVN	215	26.173510 -80.150940
S		C	86.92	S	C	25	17.2	84.7	S	C		20.4	20.4	17	223	316	17	WSVN	223	26.167350 -80.108890
S		C	79.55	S	C	41	15.2	76.4	S	C		18.3	18.3	17	231	316	17	WSVN	231	25.621220 -80.362160
S		C	90.79	S	C	25	17.2	85.6	S	C		10.0	10.0	17	239	316	17	WSVN	239	26.184070 -80.142850
S		C	81.07	S	C	34	16.1	80	S	C		12.0	12.0	17	247	316	17	WSVN	247	25.699200 -80.377560
S		C	119.29	S	C	2	19.9	116.3	S	C		22.5	22.5	17	255	316	17	WSVN	255	25.967600 -80.193600
S		C	101.95	S	C	7	19.3	101.3	S	C		3.8	3.8	17	263	316	17	WSVN	263	25.990500 -80.271700
S		C	97.92	S	C	19	17.9	97	S	C		12.2	12.2	17	271	316	17	WSVN	271	26.123490 -80.274650
S		C	99.72	S	C	15	18.4	98.5	S	C		31.1	31.1	17	279	316	17	WSVN	279	26.053550 -80.321430
S		C	99.36	S	C	14	18.5	99.1	S	C		6.9	6.9	17	287	316	17	WSVN	287	26.025400 -80.328600
S		C	98.4	S	C	9	19.1	91.3	S	C		20.9	20.9	17	295	316	17	WSVN	295	25.885310 -80.174150
S		C	98.94	S	C	8	19.2	91.7	S	C		2.3	2.3	17	303	316	17	WSVN	303	26.028390 -80.174380
S		C	94.53	S	C	17	18.1	88.4	S	C		9.9	9.9	17	311	316	17	WSVN	311	25.808950 -80.238620
S		C	90.77	S	C	19	17.9	87.9	S	C		17.8	17.8	17	319	316	17	WSVN	319	25.824430 -80.326050
S		C	91.74	S	C	21	17.6	86.1	S	C		21.2	21.2	17	327	316	17	WSVN	327	26.128660 -80.105950
S		C	102.53	S	C	5	19.6	97.9	S	C		6.8	6.8	17	335	316	17	WSVN	335	25.990160 -80.168850
S		C	90.81	S	C	24	17.3	85.5	S	C		12.2	12.2	17	343	316	17	WSVN	343	25.750340 -80.239470
S		C	85.82	S	C	27	16.9	83.9	S	C		7.4	7.4	17	351	316	17	WSVN	351	26.203360 -80.155870
S		C	88.41	S	C	23	17.4	86	S	C		1.1	1.1	17	359	316	17	WSVN	359	26.113000 -80.374800
S		C	92.99	S	C	14	18.5	89.5	S	C		8.5	8.5	17	367	316	17	WSVN	367	25.838470 -80.181060
S		C	84.66	S	C	39	15.5	84.9	S	C		8.1	8.1	17	375	316	17	WSVN	375	25.665430 -80.418680
S		C	93.67	S	C	19	17.9	87.8	S	C		9.2	9.2	17	383	316	17	WSVN	383	26.138230 -80.226250
S		C	95.44	S	C	15	18.4	89	S	C		5.6	5.6	17	391	316	17	WSVN	391	25.825200 -80.216820
S		C	85.62	S	C	27	16.9	83.7	S	C		37.3	37.3	17	399	316	17	WSVN	399	25.725280 -80.261850
S		C	82.5	S	C	42	15.1	83	S	C		8.4	8.4	17	407	316	17	WSVN	407	25.604390 -80.328720
S		C	95.45	S	C	15	18.4	89	S	C		17.9	17.9	17	415	316	17	WSVN	415	25.827760 -80.183030
S		C	79.86	S	C	39	15.5	76.4	S	C		8.1	8.1	17	423	316	17	WSVN	423	26.295910 -80.098530
S		C	96.64	S	C	13	18.6	90	S	C		5.8	5.8	17	431	316	17	WSVN	431	25.848960 -80.235280
S		C	95.16	S	C	16	18.2	89	S	C		9.3	9.3	17	439	316	17	WSVN	439	25.819840 -80.204340
S		C	98.98	S	C	8	19.2	91.8	S	C		1.0	1.0	17	447	316	17	WSVN	447	25.892710 -80.225050
S		C	105.43	S	C	5	19.6	97.8	S	C		6.4	6.4	17	455	316	17	WSVN	455	25.958090 -80.159510
S		C	95.22	S	C	10	19	91.2	S	C		33.5	33.5	17	463	316	17	WSVN	463	25.887690 -80.161010
S		C	93.83	S	C	19	17.9	87.9	S	C		29.8	29.8	17	471	316	17	WSVN	471	26.126650 -80.153250
S		C	86.47	S	C	35	16	86.5	S	C		17.3	17.3	17	479	316	17	WSVN	479	25.717200 -80.423400
S		C	98.85	S	C	6	19.4	91.4	S	C		-1.8	-1.8	17	487	316	17	WSVN	487	26.016160 -80.184370
S		C	105.34	S	C	5	19.6	97.7	S	C		8.5	8.5	17	495	316	17	WSVN	495	25.936840 -80.167680
S		C	106.63	S	C	5	19.6	99	S	C		10.6	10.6	17	503	316	17	WSVN	503	26.001480 -80.193160
S		C	91.6	S	C	23	17.4	86.2	S	C		13.5	13.5	17	511	316	17	WSVN	511	26.161620 -80.146170
S		C	84.33	S	C	33	16.2	80.1	S	C		16.8	16.8	17	519	316	17	WSVN	519	26.243170 -80.090350
S		C	96.1	S	C	14	18.5	89.6	S	C		10.0	10.0	17	527	316	17	WSVN	527	25.838520 -80.231150
S		C	101.67	S	C	11	18.8	100.3	S	C		4.0	4.0	17	535	316	17	WSVN	535	26.029110 -80.294250
S		C	95.18	S	C	16	18.2	89	S	C		13.8	13.8	17	543	316	17	WSVN	543	25.820090 -80.211220
S		C	96.33	S	C	32	16.3	96.3	S	C		9.2	9.2	17	551	316	17	WSVN	551	25.748510 -80.427750
S		C	94.04	S	C	26	17	92.5	S	C		7.9	7.9	17	559	316	17	WSVN	559	25.746120 -80.319140
S		C	89.09	S	C	32	16.3	88.9	S	C		9.9	9.9	17	567	316	17	WSVN	567	26.252900 -80.186200
S		C	77.37	S	C	45	14.8	74.6	S	C		7.7	7.7	17	575	316	17	WSVN	575	25.593860 -80.385440
S		C	96.45	S	C	32	16.3	96.4	S	C		9.0	9.0	17	583	316	17	WSVN	583	25.743200 -80.414500
S		C	94.78	S	C	24	17.3	94.1	S	C		15.3	15.3	17	591	316	17	WSVN	591	26.168010 -80.291620
S		C	79.93	S	C	47	14.5	80.7	S	C		5.4	5.4	17	599	316	17	WSVN	599	25.572430 -80.389350
S		C	93.33	S	C	27	16.9	91.9	S	C		11.9	11.9	17	607	316	17	WSVN	607	26.208460 -80.248660
S		C	95.05	S	C	16	18.2	88.8	S	C		7.4	7.4	17	615	316	17	WSVN	615	25.821580 -80.250190
S		C	80.65	S	C	38	15.6	77	S	C		-14.6	-14.6	17	623	316	17	WSVN	623	26.294160 -80.103850
S		C	98.54	S	C	9	19.1	91.4	S	C		13.1	13.1	17	631	316	17	WSVN	631	25.897520 -80.157010
S		C	105.82	S	C	5	19.6	98.2	S	C		7.5	7.5	17	639	316	17	WSVN	639	25.933160 -80.249990
S		C	80.1	S	C	47	14.5	80.8	S	C		4.9	4.9	17	647	316	17	WSVN	647	25.584400 -80.412400
S		C	90.64	S	C	24	17.3	85.3	S	C		28.5	28.5	17	655	316	17	WSVN	655	25.751730 -80.201370
S		C	82.42	S	C	36	15.8	78.6	S	C		9.7	9.7	17	663	316	17	WSVN	663	25.664650 -80.357430
S		C	106.43	S	C	5	19.6	98.8	S	C		8.7	8.7	17	671	316	17	WSVN	671	26.005450 -80.220710
S		C	89.03	S	C	26	17	84	S	C		12.5	12.5	17	679	316	17	WSVN	679	25.732670 -80.269150
S		C	96.05	S	C	14	18.5	89.6	S	C		8.0	8.0	17	687	316	17	WSVN	687	26.090590 -80.206520

S	C	94.86 S	C	17	18.1	88.8 S	C		11.0	11.0	17	695	316	17 WSVN	695	25.814410	-80.227290
S	C	108.05 S	C	4	19.7	100.3 S	C		17.6	17.6	17	703	316	17 WSVN	703	25.967140	-80.251270
S	C	85.82 S	C	27	16.9	83.9 S	C		7.4	7.4	17	711	316	17 WSVN	711	26.203360	-80.155870
S	C	86.92 S	C	25	17.2	84.7 S	C		20.4	20.4	17	719	316	17 WSVN	719	26.167350	-80.108890
S	C	97.83 S	C	11	18.8	91 S	C		7.2	7.2	17	727	316	17 WSVN	727	25.873080	-80.176910
S	C	109.91 S	C	3	19.8	102.1 S	C		23.6	23.6	17	735	316	17 WSVN	735	25.990670	-80.222040
S	C	113.28 S	C	4	19.7	110.4 S	C		18.6	18.6	17	743	316	17 WSVN	743	25.995660	-80.225930
S	C	98.25 S	C	18	18	97.3 S	C		22.7	22.7	17	751	316	17 WSVN	751	26.083430	-80.334050
S	C	97.09 S	C	12	18.7	90.4 S	C		14.0	14.0	17	759	316	17 WSVN	759	25.936520	-80.329350
S	C	97.42 S	C	11	18.8	90.6 S	C		14.0	14.0	17	767	316	17 WSVN	767	26.064190	-80.187820
S	C	111.27 S	C	5	19.6	108.5 S	C		9.0	9.0	17	775	316	17 WSVN	775	25.951110	-80.258350
S	C	78.37 S	C	43	15	75.4 S	C		6.7	6.7	17	783	316	17 WSVN	783	25.603450	-80.364850
S	C	86.92 S	C	25	17.2	84.7 S	C		20.4	20.4	17	791	316	17 WSVN	791	26.167350	-80.108890
S	C	84.44 S	C	33	16.2	80.2 S	C		9.0	9.0	17	799	316	17 WSVN	799	25.679260	-80.313040
S	C	91.6074 S	C	39	16.3	91.4574 S	C		9.3	9.3	18	78	316	18 WTVD	78	36.006100	-78.432100
S	C	81.7817 S	C	50	15	82.2817 S	C		1.6	1.6	18	204	316	18 WTVD	204	36.110700	-78.650400
S	C	84.0873 S	C	54	14.5	81.5873 S	C		9.2	9.2	18	330	316	18 WTVD	330	35.409040	-78.033920
S	C	81.0013 S	C	59	13.9	79.1013 S	C		9.6	9.6	18	456	316	18 WTVD	456	35.410000	-77.965600
S	C	73.4197 S	C	77	11.8	75.5197 S	C		10.6	10.6	18	582	316	18 WTVD	582	35.018750	-78.833260
S	C	52.3225 U	Under	88	10.4	53.9225 U	Under		-2.0	-2.0	18	960	316	18 WTVD	960	35.492200	-78.724100
S	C	76.4255 S	C	70	12.6	75.8255 S	C		11.4	11.4	18	1086	316	18 WTVD	1086	35.585800	-77.347800
U	Under WSI	-8 U	Under WSI	106	8.3	-4.15 U	Under WSET		-53.4		18	1212	316	18 WTVD	1212	36.123000	-79.334600
S	C	89.5461 S	C	33	17	90.0461 S	C		8.0	8.0	18	1338	316	18 WTVD	1338	35.118450	-78.904400
S	C	79.2774 S	C	59	13.9	77.3774 S	C		10.2	10.2	18	1464	316	18 WTVD	1464	36.605100	-78.761900
S	C	59.1004 S	C	94	9.7	57.4004 S	C		5.7	5.7	18	1590	316	18 WTVD	1590	35.833300	-78.836300
S	C	92.9797 S	C	32	17.2	83.7797 S	C		6.8	6.8	18	1716	316	18 WTVD	1716	35.716770	-77.880070
S	C	69.8631 S	C	87	10.6	71.2631 S	C		20.0	20.0	18	1842	316	18 WTVD	1842	36.201200	-77.715400
S	C	69.0315 S	C	84	10.9	66.1315 S	C		11.3	11.3	18	1968	316	18 WTVD	1968	35.944500	-78.636600
S	C	54.1687 U	Under	99	9.1	57.6187 S	C		-6.5	-6.5	18	2094	316	18 WTVD	2094	34.965900	-78.938820
S	C	54.8892 U	Under	107	8.2	54.6892 U	Under		-7.6	-7.6	18	2220	316	18 WTVD	2220	35.023810	-79.015060
S	C	78.8141 S	C	50	15	75.8141 S	C		22.1	22.1	18	2346	316	18 WTVD	2346	36.178660	-79.437610
S	C	93.6046 S	C	29	17.5	84.1046 S	C		22.3	22.3	18	2472	316	18 WTVD	2472	35.523800	-79.701000
S	C	61.4203 S	C	84	10.9	58.5203 S	C		-1.4	-1.4	18	2598	316	18 WTVD	2598	36.111190	-78.458510
S	C	87.5525 S	C	51	14.9	88.1025 S	C		7.9	7.9	18	2724	316	18 WTVD	2724	35.893100	-78.703800
S	C	80.2858 S	C	56	14.3	77.9858 S	C		8.1	8.1	18	2850	316	18 WTVD	2850	34.934840	-78.774510
S	C	65.5194 S	C	85	10.8	62.7194 S	C		-1.9	-1.9	18	2976	316	18 WTVD	2976	35.390600	-78.082500
S	C	87.6414 S	C	25	18	84.6414 S	C		22.1	22.1	18	3228	316	18 WTVD	3228	35.717000	-77.916400
S	C	53.1392 U	Under	104	8.5	56.8892 S	C		-6.4	-6.4	18	3354	316	18 WTVD	3354	35.775300	-77.599400
S	C	59.6132 S	C	82	11.4	56.2132 S	C		-4.5	-4.5	18	3480	316	18 WTVD	3480	35.167390	-78.994110
S	C	85.3416 S	C	40	16.2	81.1416 S	C		37.2	37.2	18	3606	316	18 WTVD	3606	35.770800	-78.780200
S	C	79.3578 S	C	59	13.9	77.4578 S	C		14.6	14.6	18	3732	316	18 WTVD	3732	34.894300	-79.181200
S	C	70.5494 S	C	59	13.9	71.6494 S	C		6.7	6.7	18	3858	316	18 WTVD	3858	35.254000	-79.276700
S	C	88.9456 S	C	43	15.8	81.1456 S	C		16.9	16.9	18	3984	316	18 WTVD	3984	35.466200	-78.160500
S	C	82.2709 S	C	62	13.6	83.4709 S	C		1.6	1.6	18	4110	316	18 WTVD	4110	35.162300	-78.726100
S	C	75.389 S	C	60	13.8	76.489 S	C		0.1	0.1	18	4236	316	18 WTVD	4236	35.352690	-78.005770
U	Under	29.0154 U	Under	103	8.6	32.7154 U	Under		-28.9		18	4362	316	18 WTVD	4362	36.046400	-78.458880
S	C	50.4328 U	Under	102	8.8	49.6328 U	Under		-6.9	-6.9	18	4488	316	18 WTVD	4488	36.202300	-78.732200
S	C	95.2342 S	C	23	18.2	85.0342 S	C		16.1	16.1	18	4614	316	18 WTVD	4614	36.209700	-78.542800
S	C	94.2433 S	C	27	17.8	93.3433 S	C		2.0	2.0	18	4740	316	18 WTVD	4740	35.121200	-79.445000
S	C	93.2535 S	C	31	17.3	92.6035 S	C		17.2	17.2	18	4866	316	18 WTVD	4866	35.248400	-79.536900
S	C	82.2709 S	C	62	13.6	83.4709 S	C		14.2	14.2	18	4992	316	18 WTVD	4992	35.733500	-78.770500
S	C	52.5201 U	Under	98	9.2	54.9201 U	Under		-8.7	-8.7	18	5118	316	18 WTVD	5118	35.832600	-78.316900
S	C	69.6796 S	C	62	13.6	71.0796 S	C		2.2	2.2	18	5244	316	18 WTVD	5244	35.411000	-78.663100
S	C	86.0212 S	C	64	13.3	86.3712 S	C		16.2	16.2	18	5370	316	18 WTVD	5370	36.202300	-78.732200
S	C	48.488 U	Under	100	9	54.488 U	Under		4.6	4.6	18	5496	316	18 WTVD	5496	34.988200	-79.222400
S	C	82.8528 S	C	73	12.2	78.6528 S	C		9.0	9.0	18	5622	316	18 WTVD	5622	35.363520	-77.961270
S	C	75.368 S	C	72	12.4	77.168 S	C		-0.2	-0.2	18	5748	316	18 WTVD	5748	35.391570	-77.915410
S	C	69.6065 S	C	62	13.6	71.0065 S	C		1.6	1.6	18	5874	316	18 WTVD	5874	35.189800	-79.473500
S	C	56.204 S	C	79	11.5	57.454 S	C		0.1	0.1	18	6000	316	18 WTVD	6000	35.145300	-79.017100
S	C	51.3857 U	Under	92	10	49.3857 U	Under		-0.4	-0.4	18	6126	316	18 WTVD	6126	35.034900	-78.698600
S	C	61.6308 S	C	68	12.8	56.8308 S	C		7.0	7.0	18	6252	316	18 WTVD	6252	35.364670	-77.959930
S	C	75.4743 S	C	60	13.8	69.6743 S	C		1.5	1.5	18	6378	316	18 WTVD	6378	36.027710	-79.283510
S	C	52.5201 U	Under	98	9.2	54.9201 U	Under		-4.7	-4.7	18	6504	316	18 WTVD	6504	36.034220	-79.443820
S	C	57.8801 S	C	85	10.8	55.0801 U	Under		-1.1	-1.1	18	6630	316	18 WTVD	6630	36.076600	-79.089800
S	C	64.0219 S	C	68	12.8	65.6219 S	C		7.4	7.4	18	6756	316	18 WTVD	6756	36.201200	-78.413500
S	C	68.8364 S	C	76	11.9	70.8864 S	C		1.1	1.1	18	6882	316	18 WTVD	6882	34.988200	-79.222400
S	C	93.0838 S	C	32	17.2	92.4838 S	C		3.7	3.7	18	7008	316	18 WTVD	7008	35.038570	-79.064980
S	C	48.3548 U	Under	111	7.7	52.5048 U	Under		-4.5	-4.5	18	7134	316	18 WTVD	7134	35.895740	-79.236880
S	C	91.523 S	C	39	16.3	83.223 S	C		7.0	7.0	18	7260	316	18 WTVD	7260	34.985900	-78.522200
S	C	48.6205 U	Under	104	8.5	55.1205 U	Under		-4.0	-4.0	18	7386	316	18 WTVD	7386	35.387600	-78.471500
U	C	29.0154 U	C	103	8.6	32.7154 U	C		-18.4	-18.4	18	7512	316	18 WTVD	7512	36.422800	-79.334400
S	C	73.7904 S	C	56	14.3	74.4904 S	C		10.4	10.4	18	7638	316	18 WTVD	7638	36.016700	-78.478100
S	C	60.2365 S	C	82	11.4	61.5365 S	C		6.3	6.3	18	7764	316	18 WTVD	7764	34.801000	-78.973500
U	Under	-12 U	Under	116	7.1	-7.1 U	Under		-60.6		18	7890	316	18 WTVD	7890	35.121200	-79.445000
S	C	81.5133 S	C	37	16.6	79.9133 S	C		20.6	20.6	18	8142	316	18 WTVD	8142	36.137040	-78.752210
S	C	92.9797 S	C	32	17.2	83.7797 S	C		27.8	27.8	18	8268	316	18 WTVD	8268	35.022760	-78.976440
S	C	58.3148 S	C	116	7.1	59.2148 S	C		-6.5	-6.5	18	8394	316	18 WTVD	8394	36.446600	-77.671700
S	C	71.7181 S	C	87	10.6	69.1181 S	C		15.4	15.4	18	8520	316	18 WTVD	8520	35.465000	-79.177600
S	C	53.8751 U	Under	99	9.1	56.3251 S	C		4.2	4.2	18	8646	316	18 WTVD	8646	35.679600	-78.937000
S	C	94.5539 S	C	25	18	84.5539 S	C		26.9	26.9	18	8772	316	18 WTVD	8772	35.944500	-78.636600
S	C	83.922 S	C	44	15.7	80.222 S	C		5.7	5.7	18	8898	316	18 WTVD	8898	35.656510	-79.818430
S	C	61.2465 S	C	68	12.8	56.4465 S	C		2.8	2.8	18	9024	316	18 WTVD	9024	35.308200	-79.392400
S	C	93.8442 S	C	28	17.6	93.0442 S	C		13.8	13.8	18	9150	316	18 WTVD	9150	34.985540	-79.228690
U	Under	-12 U	Under	116	7.1	-7.1 U	Under		-57.7		18	9276	316	18 WTVD	9276	35.758240	-78.791880
S	C WSET	51.9753 U	C WSET	109	7.9	56.0253 S	C WSET		6.1		18	9402	316	18 WTVD	9402	35.911200	-78.921400
S	C	53.3154 U	Under	90	10.2	55.1154 U	Under		-0.6	-0.6	18	9528	316	18 WTVD	9528	36.125110	-79.037680
S	C	80.894 S	C	58	14	81.894 S	C		10.7	10.7	18	9654	316	18 WTVD	9654	35.722600	-78.839900
S	C	86.0623 S	C	51	14.9	79.1623 S	C		0.1	0.1	18	9780	316	18 WTVD	9780	36.446600	-77.671700
S	C	79.2424 S	C	57	14.2	80.1424 S	C		-1.4	-1.4	18	9906	316	18 WTVD	9906	36.501200	-79.169900
S	C	85.051 S	C	54	14.5	82.551 S	C		17.5	17.5	18	10032	316	18 WTVD	10032	36.076030	-79.396200
S	C	90.0644 S	C	27	17.8	84.2644 S	C		5.4	5.4	18	10158	316	18 WTVD	10158	35.399900	-77.979600
S	C	74.9078 S	C	59	13.9	69.0078 S	C		18.1	18.1	18	10284	316	18 WTVD	10284	35.218800	-78.430100
S	C	93.285 S	C	31	17.3	83.985 S	C		20.6	20.6	18	10410	316	18 WTVD	10410	35.380600	-78.015100
S	C	59.4361 S	C	77	11.8	61.5361 S	C		-0.8	-0.8	18	10536	316	18 WTVD	10536	35.448670	-78.005780
S	C	88.2983 S	C	40	16.2	80.0983 S	C		25.3	25.3	18	10662	316	18 WTVD	10662	35.555000	-78.262600
S	C	74.7612 S	C	78	11.6	71.1612 S	C		13.1	13.1	18	10788	316	18 WTVD	10788	35.404240	-79.102020
S	C	49.7084 U	Under	105	8.4	56.3084 S	C		3.4	3.4	18	10914	316	18 WTVD	10914	35.911250	-78.695760
S	C	64.6742 S	C	70	12.6	60.0742 S	C		4.4	4.4	18	11040	316	18 WTVD	11040	35.821100	-77.699900
S	C	57.3046 S	C	73	12.2	53.1046 U	Under		-7.9	-7.9	18	11166	316	18 WTVD	11166	34.952700	-78.934500
S	C	52.7033 U	Under	76	11.9	54.7533 U	Under		-5.2	-5.2	18	11292	316	18 WTVD	11292	35.055890	-78.955120
S	C	91.1345 S	C	12	19.6	83.5345 S	C		2.9	2.9	18	11418	316	18 WTVD	11418	35.584000	-77.371300
S	C	45.2815 U	Under	112	7.6	52.6815 U	Under		-1.3	-1.3	18	11544	316	18 WTVD	11544	35.905260	-79.247390
S	C	79.3837 S	C	63	13.4	80.6837 S	C		7.8	7.8	18	11670	316	18 WTVD	11670	35.097570	-78.927000
S	C	86.0623 S	C	51	14.9	79.1623 S	C		7.7	7.7	18	11796	316	18 WTVD	11796	36.036400	-79.245000
S	C	72.6624 S	C	82	11.4	69.2624 S	C		3.6	3.6	18	11922	316	18 WTVD	11922	35.708800	-78.654600
S	C	96.2114 S	C	18	18.8	94.8114 S	C		10.0	10.0	18	12048	316	18 WTVD	12048	34.805600	-79.166600
S	C	53.9801 U	Under	107	8.2	57.8801 S	C		-4.5	-4.5	18	12300	316	18 WTVD	12300	36.151260	-78.904970
S	C	59.4361 S	C	77	11.8	61.5361 S	C		-13.8	-13.8	18	12426	316	18 WTVD	12426	35.218800	-78.430100
S	C	59.1004 S	C	94	9.7	57.4004 S	C		-1.9	-1.9	18	12552	316	18 WTVD	12552	35.004800	-78.939500
S	C	52.9703 U	Under	96	9.5	55.4703 U	Under		8.1	8.1	18	12678	316	18 WTVD	12678	35.549200	-78.671300
S	C WCTI	59.1004 S	C WCTI	94	9.7	57.4004 S	C WCTI		11.2		18	12804	316	18 WTVD	12804	35.330800	-78.685700
S	C	49.6291 U	Under	94	9.7	51.9291 U	Under		-1.2	-1.2	18	12930	316	18 WTVD	12930	34.811100	-79.075800
S	C	91.3614 S	C	22	18.4	84.9614 S	C		33.5	33.5	18	13056	316	18 WTVD	13056	35.821100	-77.699900
S	C	60.33 S	C	83	11	57.33 S	C		6.7	6.7		13182	316	18 WTVD	13182	36.201200	-77.715400
S	C	47.46 U	Under	45	15.1	44.36 U	Under	981	-14.5	-14.5	19	981	316	19 WUSA	981	39.115190	-77.552790
S	C	90.27 S	C	3	20.2	82.07 S	C	1056	28.8	28.8	19	1056	316	19 WUSA	1056	38.919220	-77.074150
S	C	66.09 S	C	19	18.3	55.79 U	Under	1131	-0.1	-0.1	19	1131	316	19 WUSA	1131	38.701230	-77.219470
S	C	68.57 S	C	9	19.5	66.82 S	C	1356	1.7	1.7	19	1356	316	19 WUSA	1356	39.087600	-77.408240
S	C	65.39 S	C	4	20.1	53.29 U	Under	1431	2.7	2.7	19	1431	316	19 WUSA	1431	39.009140	-77.384560
S	C	77.41 S	C	30	16.9	72.51 S	C	1506	-10.1	-10.1	19	1506	316	19 WUSA	1506	38.873250	-77.176120
S	C	89.58 S	C	32	16.7	84.88 S	C	1731	14.5	14.5	19	1731	316	19 WUSA	1731	38.929830	-77.044880
S	C	79.81 S	C	27	17.3	74.51 S	C	1881	5.7	5.7	19	1881	316	19 WUSA	1881	39.042850	-77.091940
S	C	72.93 S	C	31	16.8	71.13 S	C	2106	11.2	11.2	19	2106	316	19 WUSA	2106	38.910000	-77.254820
S	C	80.73 S	C	12	19.1	73.63 S	C	2481	11.5	11.5	19	2481	316	19 WUSA	2481	38.913790	-77.090600
U	Under	-8 U	Under	67	12.5	-6.25 U	Under	2631	-62.9		19	2631	316	19 WUSA	2631	39.302520	-77.546230
S	C	77.33 S	C	4	20.1	69.23 S	C	3606	11.4	11.4	19	3606	316	19 WUSA	3606	38.832100	-77.006950
S	C	81.62 S	C	10	19.3	74.32 S	C	3831	5.1	5.1	19	3831	316	19 WUSA	3831	38.914500	-77.153560
S	C	62.26 S	C	6	19.8	50.46 U	Under	4356	2.8	2.8	19	4356	316	19 WUSA	4356	38.852500	-77.416940
S	C	69.31 S	C	16	18.6	62.71 S	C	4431	-4.2	-4.2	19	4431	316	19 WUSA	4431	38.815070	-77.249690
S	C	80.41 S	C	4	20.1	72.31 S	C	4731	15.4	15.4	19	4731	316	19 WUSA	4731	39.034310	-77.066250

U	C	-8 U	C	9	19.5	-9.75 U	C	5856	-41.3	-41.3	19	5856	316	19 WUSA	5856	39.491470	-76.738490
S	C	80.69 S	C	56	13.8	78.89 S	C	6006	25.9	25.9	19	6006	316	19 WUSA	6006	38.901900	-76.996350
S	C	85.81 S	C	21	18	82.81 S	C	6081	1.1	1.1	19	6081	316	19 WUSA	6081	38.984630	-77.097700
S	C	82.27 S	C	15	18.7	75.57 S	C	6681	16.0	16.0	19	6681	316	19 WUSA	6681	38.909250	-77.039190
S	C	70.54 S	C	8	19.6	62.94 S	C	7806	7.9	7.9	19	7806	316	19 WUSA	7806	38.828110	-77.239520
S	C	47.7896 U	Under	65	0	59.7896 S	C		1.7	1.7	20	68	166	20 WWCP	68	40.355460	-79.884440
U	C	-15 U	C	135	0	0 U	C		-49.4	-49.4	20	416	166	20 WWCP	416	40.020560	-79.888620
U	C	37.8641 U	C	123	0	49.8641 U	C		1.2	1.2	20	532	166	20 WWCP	532	40.295070	-80.095800
S	Over	48.3067 U	C	81	0	60.3067 S	Over		18.7		20	590	166	20 WWCP	590	40.279710	-79.545570
U	C	35.8235 U	C	21	1.1	46.7235 U	C		5.9	5.9	20	735	166	20 WWCP	735	40.333080	-79.300520
U	C	35.4234 U	C	43	0	50.4234 U	C		8.5	8.5	20	822	166	20 WWCP	822	40.327810	-79.619940
U	C	31.9372 U	C	57	0	43.9372 U	C		13.9	13.9	20	909	166	20 WWCP	909	40.584910	-79.560850
U	C	28.6144 U	C	80	0	40.6144 U	C		-7.9	-7.9	20	938	166	20 WWCP	938	40.373240	-80.063700
U	C	-12 U	C	93	0	0 U	C		-34.9	-34.9	20	1112	166	20 WWCP	1112	40.175770	-80.250710
U	Under	27.7177 U	Under	74	0	42.7177 U	Under		-16.2		20	1257	166	20 WWCP	1257	40.448080	-79.951460
U	Under	41.9655 U	Under	48	0	53.9655 U	Under		-20.1		20	1431	166	20 WWCP	1431	40.613700	-79.182420
U	C	-15 U	C	102	0	0 U	C		-24.9	-24.9	20	1460	166	20 WWCP	1460	40.902570	-79.893580
U	C	40.048 U	C	84	0	52.048 U	C		0.6	0.6	20	1866	166	20 WWCP	1866	40.466100	-80.067070
U	Under	27.1165 U	Under	79	0	39.1165 U	Under		-36.3		20	2011	166	20 WWCP	2011	40.363370	-80.053200
U	C	29.7621 U	C	62	0	44.7621 U	C		-5.0	-5.0	20	2156	166	20 WWCP	2156	40.160730	-79.885030
U	C	28.4664 U	C	63	0	43.4664 U	C		3.0	3.0	20	2214	166	20 WWCP	2214	40.627340	-79.604360
U	C	30.6371 U	C	53	0	42.6371 U	C		-5.1	-5.1	20	2417	166	20 WWCP	2417	40.212670	-79.771680
U	C	-15 U	C	97	0	0 U	C		-47.1	-47.1	20	2591	166	20 WWCP	2591	40.761970	-80.007240
U	C	22.5559 U	C	78	0	37.5559 U	C		-15.8	-15.8	20	2649	166	20 WWCP	2649	39.875500	-79.978520
U	C	-12 U	C	94	0	0 U	C		-40.9	-40.9	20	2707	166	20 WWCP	2707	40.130150	-80.253530
U	C	22.366 U	C	66	0	37.366 U	C		-10.3	-10.3	20	2910	166	20 WWCP	2910	40.201630	-79.924130
											id		4070				

U	C WSPA	-7 U	C WSPA	122	0	0 U	C WSPA		0.0		7	1425	100	7 WBTV	1425	35.333080	-82.534860
U	C	-7 U	C	121	0	0 U	C		0.0	0.0	7	8657	100	7 WBTV	8657	36.327580	-81.821860
C WHP	-8 U	Under WHI	83	11.4	-5.7 U	Under WHP		0.0			12	1956	316	12 WJZ	1956	40.079960	-76.737130
C WUSA	55.67 U	C WUSA	58	14.4	53.3 U	C WUSA		67.7			12	6681	316	12 WJZ	6681	38.909250	-77.039190

Measured	ILLR	ILLR error	to use in NADCON batch file	test #	File	Reading #	ORIGSite/I	Site/ID	Calls	receiver sites NAD83 Lat	NAD83 Long	HAGL ft.	combined into comma delimited to insert into notepad for batch file input into LORIS, Givens & Bell's ITWOM wrap-around
102.6	110.4	7.8	35.219722 80.853611	1	4	1	C1-1	4-C1-1	DT53	35.21986459	80.85340473	30	1,4-C1-1,DT53,35.219864592,80.853404726,30,
93.5	110.4	16.9	35.220833 80.843611	2	4	2	C1-2	4-C1-2	DT53	35.22097568	80.84340452	30	2,4-C1-2,DT53,35.220975679,80.843404524,30,
91.4	111	19.6	35.218611 80.830278	3	4	3	C1-3	4-C1-3	DT53	35.21875389	80.83007128	30	3,4-C1-3,DT53,35.218753894,80.83007128,30,
100.9	109.8	8.9	35.211389 80.852222	4	4	4	C1-4	4-C1-4	DT53	35.21153183	80.85201576	30	4,4-C1-4,DT53,35.211531829,80.852015758,30,
94.5	111	16.5	35.213889 80.824444	5	4	5	C1-5	4-C1-5	DT53	35.21403209	80.82423719	30	5,4-C1-5,DT53,35.214032085,80.824237193,30,
95.6	109.8	14.2	35.205278 80.851944	6	4	6	C1-6	4-C1-6	DT53	35.20542099	80.8517378	30	6,4-C1-6,DT53,35.205420994,80.8517378,30,
87.4	110.4	23	35.205556 80.843056	7	4	7	C1-7	4-C1-7	DT53	35.20569909	80.84284962	30	7,4-C1-7,DT53,35.205699088,80.842849615,30,
80.9	111	30.1	35.205833 80.833889	8	4	8	C1-8	4-C1-8	DT53	35.20597619	80.83368243	30	8,4-C1-8,DT53,35.205976186,80.833682428,30,
78.7	100.5	21.8	35.952778 81.037778	9	4	9	C2-1	4-C2-1	DT53	35.95291085	81.03757856	30	9,4-C2-1,DT53,35.95291085,81.037578555,30,
77	100.5	23.5	35.951944 81.025278	10	4	10	C2-2	4-C2-2	DT53	35.95207695	81.02507812	30	10,4-C2-2,DT53,35.952076946,81.025078119,30,
89.3	100.7	11.4	34.952778 81.021111	11	4	11	C2-3	4-C2-3	DT53	34.95292322	81.02091119	30	11,4-C2-3,DT53,34.952923221,81.020911186,30,
80.1	100.4	20.3	34.941111 81.043056	12	4	12	C2-4	4-C2-4	DT53	34.94125508	81.04285624	30	12,4-C2-4,DT53,34.941255084,81.04285624,30,
95.2	100.5	5.3	34.941111 81.020556	13	4	13	C2-5	4-C2-5	DT53	34.941256	81.02035638	30	13,4-C2-5,DT53,34.941255997,81.020356382,30,
81.3	100.4	19.1	34.939167 81.038611	14	4	14	C2-6	4-C2-6	DT53	34.93931123	81.03841131	30	14,4-C2-6,DT53,34.939311228,81.038411308,30,
65.8	100.4	34.6	34.935833 81.025278	15	4	15	C2-7	4-C2-7	DT53	34.9359777	81.02507845	30	15,4-C2-7,DT53,34.935977697,81.025078445,30,
61.8	100.5	38.7	34.936389 81.021389	16	4	16	C2-8	4-C2-8	DT53	34.93653386	81.02118946	30	16,4-C2-8,DT53,34.936533864,81.021189455,30,
90.6	121.9	31.3	35.235 80.725556	17	4	17	C3-1	4-C3-1	DT53	35.23514341	80.72534739	30	17,4-C3-1,DT53,35.235143408,80.725347387,30,
89.5	124.4	34.9	35.238611 80.716944	18	4	18	C3-2	4-C3-2	DT53	35.23875431	80.71673528	30	18,4-C3-2,DT53,35.238754311,80.716735275,30,
101.6	121.9	20.3	35.220833 80.72	19	4	19	C3-3	4-C3-3	DT53	35.22097676	80.71979134	30	19,4-C3-3,DT53,35.220976757,80.719791336,30,
98	124.4	26.4	35.225556 80.824722	20	4	20	C3-4	4-C3-4	DT53	35.22569878	80.82451513	30	20,4-C3-4,DT53,35.225698778,80.824515133,30,
81.4	121.9	40.5	35.226111 80.719167	21	4	21	C3-5	4-C3-5	DT53	35.22625463	80.71895832	30	21,4-C3-5,DT53,35.226254625,80.718958319,30,
87.3	109.3	22	35.243611 80.878056	22	4	22	G1A1	4-G1A1	DT53	35.24375266	80.87785	30	22,4-G1A1,DT53,35.243752662,80.877849997,30,
96.6	110.4	13.8	35.241389 80.860556	23	4	23	G1A2	4-G1A2	DT53	35.24153093	80.8603497	30	23,4-G1A2,DT53,35.241530934,80.860349697,30,
98.3	111	12.7	35.24 80.841389	24	4	24	G1A3	4-G1A3	DT53	35.2401422	80.84118236	30	24,4-G1A3,DT53,35.240142202,80.841182357,30,
99.9	111.6	11.7	35.241111 80.825278	25	4	25	G1A4	4-G1A4	DT53	35.24125337	80.82507106	30	25,4-G1A4,DT53,35.241253367,80.825071055,30,
84.1	87.1	3	35.242778 80.808611	26	4	26	G1A5	4-G1A5	DT53	35.24292053	80.80840374	30	26,4-G1A5,DT53,35.242920525,80.808403743,30,
93.2	108.8	15.6	35.226389 80.88	27	4	27	G1B1	4-G1B1	DT53	35.2265311	80.87979418	30	27,4-G1B1,DT53,35.226531103,80.87979418,30,
92	109.8	17.8	35.228056 80.808889	28	4	28	G1B2	4-G1B2	DT53	35.2281989	80.80868182	30	28,4-G1B2,DT53,35.228198901,80.808681819,30,
70.4	111	40.6	35.229722 80.844722	29	4	29	G1B3	4-G1B3	DT53	35.22986443	80.84451549	30	29,4-G1B3,DT53,35.229864432,80.844515486,30,
81.8	111.6	29.8	35.225556 80.704444	30	4	30	G1B4	4-G1B4	DT53	35.22569963	80.70423513	30	30,4-G1B4,DT53,35.225699629,80.704235134,30,
94.6	113.1	18.5	35.228056 80.859444	31	4	31	G1B5	4-G1B5	DT53	35.2281983	80.85923778	30	31,4-G1B5,DT53,35.228198302,80.859237776,30,
91.5	108.8	17.3	35.213333 80.879167	32	4	32	G1C1	4-G1C1	DT53	35.21347547	80.87896128	30	32,4-G1C1,DT53,35.213475465,80.878961275,30,
76.3	109.8	33.5	35.212778 80.859722	33	4	33	G1C2	4-G1C2	DT53	35.21292071	80.8595159	30	33,4-G1C2,DT53,35.212920705,80.859515896,30,
89.2	110.4	21.2	35.210278 80.843333	34	4	34	G1C3	4-G1C3	DT53	35.21042096	80.84312659	30	34,4-G1C3,DT53,35.210420961,80.843126589,30,
90.3	111.6	21.3	35.213889 80.834444	35	4	35	G1C4	4-G1C4	DT53	35.21403197	80.83423739	30	35,4-G1C4,DT53,35.214031969,80.83423739,30,
88.5	112.3	23.8	35.211944 80.806389	36	4	36	G1C5	4-G1C5	DT53	35.21208734	80.80618185	30	36,4-G1C5,DT53,35.212087344,80.806181847,30,
94.6	108.8	14.2	35.199722 80.879444	37	4	37	G1D1	4-G1D1	DT53	35.19986483	80.8792384	30	37,4-G1D1,DT53,35.199864828,80.879238397,30,
84.1	109.3	25.2	35.191111 80.856111	38	4	38	G1D2	4-G1D2	DT53	35.19125432	80.85590498	30	38,4-G1D2,DT53,35.191254322,80.855904983,30,
69.3	110.4	41.1	35.198611 80.806111	39	4	39	G1D3	4-G1D3	DT53	35.19875469	80.8059039	30	39,4-G1D3,DT53,35.19875469,80.805903903,30,
93.7	111	17.3	35.198889 80.825278	40	4	40	G1D4	4-G1D4	DT53	35.19903247	80.82507129	30	40,4-G1D4,DT53,35.199032465,80.825071294,30,
99.3	112.3	13	35.198611 80.844722	41	4	41	G1D5	4-G1D5	DT53	35.19875425	80.8445157	30	41,4-G1D5,DT53,35.198754252,80.844515695,30,
96	108.3	12.3	35.1825 80.881111	42	4	42	G1E1	4-G1E1	DT53	35.18264327	80.88090558	30	42,4-G1E1,DT53,35.182643274,80.880905579,30,
68.1	108.8	40.7	35.183889 80.860278	43	4	43	G1E2	4-G1E2	DT53	35.18403247	80.86007212	30	43,4-G1E2,DT53,35.184032467,80.860072124,30,
56.5	109.8	53.3	35.185278 80.844444	44	4	44	G1E3	4-G1E3	DT53	35.18542161	80.84423778	30	44,4-G1E3,DT53,35.185421606,80.844237778,30,
73.7	110.4	36.7	35.183611 80.825278	45	4	45	G1E4	4-G1E4	DT53	35.18375486	80.82507138	30	45,4-G1E4,DT53,35.183754863,80.825071381,30,
82.5	111	28.5	35.184444 80.777778	46	4	46	G1E5	4-G1E5	DT53	35.18458837	80.77757037	30	46,4-G1E5,DT53,35.184588368,80.777570367,30,
74.5	100.5	26	34.976111 81.025278	47	4	47	G2A1	4-G2A1	DT53	34.97625652	81.02507774	30	47,4-G2A1,DT53,34.976256524,81.025077739,30,
70.5	100.7	30.2	34.976111 81.049444	48	4	48	G2A2	4-G2A2	DT53	34.97625542	81.04924338	30	48,4-G2A2,DT53,34.976255422,81.049243383,30,
81	100.5	19.5	34.975278 81.033611	49	4	49	G2A3	4-G2A3	DT53	34.97542313	81.03341063	30	49,4-G2A3,DT53,34.975423128,81.033410633,30,
61.2	101.1	39.9	34.974722 80.709167	50	4	50	G2A4	4-G2A4	DT53	34.97487131	80.70895812	30	50,4-G2A4,DT53,34.974871312,80.708958124,30,
84.5	101.3	16.8	34.977222 80.9975	51	4	51	G2A5	4-G2A5	DT53	34.97736873	80.99730002	30	51,4-G2A5,DT53,34.977368729,80.997300015,30,
68.2	79.2	11	34.956667 81.066944	52	4	52	G2B1	4-G2B1	DT53	34.95681034	81.06674366	30	52,4-G2B1,DT53,34.956810341,81.066743661,30,
89.3	100.5	11.2	34.961389 81.048333	53	4	53	G2B2	4-G2B2	DT53	34.96153322	81.04813274	30	53,4-G2B2,DT53,34.961533219,81.048132739,30,
76.9	100.7	23.8	34.961944 81.033889	54	4	54	G2B3	4-G2B3	DT53	34.96208886	81.03368889	30	54,4-G2B3,DT53,34.962088858,81.03368889,30,
79.9	100.9	21	34.963056 81.015278	55	4	55	G2B4	4-G2B4	DT53	34.96320169	81.01507808	30	55,4-G2B4,DT53,34.963201694,81.015078084,30,
88.3	101.1	12.8	34.961111 80.998889	56	4	56	G2B5	4-G2B5	DT53	34.96125733	80.99868924	30	56,4-G2B5,DT53,34.961257327,80.998689244,30,
45.2	79.4	34.2	34.946944 81.065556	57	4	57	G2C1	4-G2C1	DT53	34.94708726	81.06535594	30	57,4-G2C1,DT53,34.947087257,81.065355939,30,
69.1	100.4	31.3	34.941111 81.036111	58	4	58	G2C2	4-G2C2	DT53	34.94125537	81.03591128	30	58,4-G2C2,DT53,34.941255366,81.035911284,30,
71.5	100.5	29	34.976111 81.066944	59	4	59	G2C3	4-G2C3	DT53	34.97625462	81.06674313	30	59,4-G2C3,DT53,34.976254624,81.066743126,30,
88.4	100.7	12.3	34.941111 81.015278	60	4	60	G2C4	4-G2C4	DT53	34.94125621	81.01507842	30	60,4-G2C4,DT53,34.941256211,81.015078416,30,
82.3	100.9	18.6	34.946389 80.995833	61	4	61	G2C5	4-G2C5	DT53	34.94653501	80.9956333	30	61,4-G2C5,DT53,34.946535011,80.995633298,30,
61	97.7	36.7	34.925833 81.059444	62	4	62	G2D1	4-G2D1	DT53	34.92597618	81.05924453	30	62,4-G2D1,DT53,34.925976179,81.059244529,30,
77.9	100.2	22.3	34.932778 81.042222	63	4	63	G2D2	4-G2D2	DT53	34.93292197	81.04202243	30	63,4-G2D2,DT53,34.932921967,81.042022425,30,
72.5	100.4	27.9	34.926111 81.025833	64	4	64	G2D3	4-G2D3	DT53	34.92625548	81.02563361	30	64,4-G2D3,DT53,34.926255476,81.025633614,30,
77.4	100.5	23.1	34.933333 81.008056	65	4	65	G2D4	4-G2D4	DT53	34.93347833	81.00785657	30	65,4-G2D4,DT53,34.933478326,81.007856566,30,
82	100.7	18.7	34.926389 80.989167	66	4	66	G2D5	4-G2D5	DT53	34.92653463	80.98896726	30	66,4-G2D5,DT53,34.92653463,80.988967257,30,
57.3	79	21.7	34.908333 81.059722	67	4	67	G2E1	4-G2E1	DT53	34.9084759	81.05952298	30	67,4-G2E1,DT53,34.908475895,81.059522979,30,
54	97.3	43.3	34.916944 81.041389	68	4	68	G2E2	4-G2E2	DT53	34.91708771	81.04118977	30	68,4-G2E2,DT53,34.917087711,81.041189767,30,
68.8	100.2	31.4	34.918333 81.025278	69	4	69	G2E3	4-G2E3	DT53	34.91847734	81.02507875	30	69,4-G2E3,DT53,34.918477337,81.025078751,30,
82.2	100.4	18.2	34.918889 80.991389	70	4	70	G2E4	4-G2E4	DT53	34.91903442	80.99118942	30	70,4-G2E4,DT53,34.919034423,80.991189423,30,
69.4	100.7	31.3	34.918889 81.008611	71	4	71	G2E5	4-G2E5	DT53	34.91903397	81.00841176	30	71,4-G2E5,DT53,34.919033973,81.008411758,30,
103.2	110.4	7.2	35.338889 80.55856	72	4	72	R050-1	4-R050-1	DT53	35.33903065	80.55834873	30	72,4-R050-1,DT53,35.339030645,80.558348727,30,
84.3	107.5	23.2	35.373889 80.509722	73	4	73	R050-2	4-R050-2	DT53	35.37403035	80.50950942	30	73,4-R050-2,DT53,35.374030347,80.509509423,30,
86.8	105.6	18.8	35.403056 80.470833	74	4	74	R050-3	4-R050-3	DT53	35.40319714	80.47061909	30	74,4-R050-3,DT53,35.403197137,80.470619094,30,
85.2	86.9	1.7	35.421389 80.422222	75	4	75	R050-4	4-R050-4	DT53	35.42153004	80.4220065	30	75,4-R050-4,DT53,35.421530035,80.422006498,30,
74.3	103	28.7	35.453333 80.390278	76	4	76	R050-5	4-R050-5	DT53	35.45347364	80.39006106	30	76,4-R050-5,DT53,35.453473643,80.390061059,30,
61.4	101.9	40.5	35.476389 80.3525	77	4	77	R050-6	4-R050-6	DT53	35.47652934	80.3522815	30	77,4-R050-6,DT53,35.476529338,80.3522815,30,
84.5	76.7	-7.8	35.505556 80.306944	78	4	78	R050-7	4-R050-7	DT53	35.50569594	80.30672347	30	78,4-R050-7,DT53,35.505695935,80.306723469,30,
61.3	78	16.7	35.535278 80.270556	79	4	79	R050-8	4-R050-8	DT53	35.53541769	80.27033371	30	79,4-R050-8,DT53,35.535417694,80.270333705,30,
84.5	75	-9.5	35.559722 80.229444	80	4	80	R050-9	4-R050-9	DT53	35.55986135	80.22921981	30	80,4-R050-9,DT53,35.559861347,80.229219805,30,
61.4	76	14.6	35.596667 80.184722	81	4	81	R050S-10	4-R050S-1	DT53	35.59680575	80.18449544	30	81,4-R050S-10,DT53,35.596805752,80.184495439,30,
63.7	81.4	17.7	35.619722 80.138889	82	4	82	R050S-11	4-R050S-1	DT53	35.61986026	80.13866031	30	82,4-R050S-11,DT53,35.619860264,80.138660306,30,
79.8	78.6	-1.2	35.648556 80.101944	83	4	83	R050S-12	4-R050S-1	DT53	35.64869777	80.10171338	30	83,4-R050S-12,DT53,35.648697765,80.10171338,30,
54.6	54.5	-0.1	35.6775 80.058889	84	4	84	R050S-13	4-R050S-1	DT53	35.67763722	80.05866623	30	84,4-R050S-13,DT53,35.6776372 15,80.058656226,30,
33.6	41.2	7.6	35.701111 79.020833	85	4	85	R050S-14	4-R050S-1	DT53	35.70126155	79.02056729	30	85,4-R050S-14,DT53,35.701261546,79.020567285,30,
48.2	37.8	-10.4	35.732222 79.978889	86	4	86	R050S-15	4-R050S-1	DT53	35.73235834	79.97865198	30	86,4-R050S-15,DT53,35.732358344,79.978651981,30,
40.1	46.8	6.7	35.756667 79.927778	87	4	87	R050S-16	4-R050S-1	DT53	35.75680336	79.92753819	30	87,4-R050S-16,DT53,35.756803355,79.927538188,30,
73.1	109.8	36.7	35.258889 80.503611	88	4	88	R085-1	4-R085-1	DT53	35.25903173	80.50339954	30	88,4-R085-1,DT53,35.259031732,80.50339954,30,
92.6	107.5	14.9	35.275278 80.240278	89	4	89	R085-2	4-R085-2	DT53	35.27542222	80.24006101	30	89,4-R085-2,DT53,35.275422223,80.240061009,30,
70.2	105.6	35.4	35.271389 80.403333	90	4	90	R085-3	4-R085-3	DT53	35.27153226	80.40311942	30	90,4-R085-3,DT53,35.271532264,80.403119417,30,
62.6	104.3	41.7	35.270278 80.351389	91	4	91	R085-4	4-R085-4	DT53	35.27042165	80.3511744	30	91,4-R085-4,DT53,35.270421648,80.351174398,30,
70.9	82.2	11.3	35.283056 80.299722	92	4	92	R085-5	4-R085-5	DT53	35.28319979	80.29950609	30	92,4-R085-5,DT53,35.283199788,80.299506087,30,
69	96.7	27.7	35.275278 80.456111	93	4	93	R085-6	4-R085-6	DT53	35.27542084	80.45589842	30	93,4-R085-6,DT53,35.275420843,80.455898422,30,
88.7	100.7	12	35.284722 80.189444	94	4	94	R085-7	4-R085-7	DT53	35.2848658	80.18922548	30	94,4-R085-7,DT53,35.284865799,80.189225482,30,
66	66.3	0.3	35.285556 80.13856	95	4	95	R085-8	4-R085-8	DT53	35.28569954	80.13834017	30	95,4-R085-8,DT53,35.285699539,80.138340165,30,
49	71.1	22.1	35.291944 80.075833	96	4	96	R085-9	4-R085-9	DT53	35.29208711	80.07561136	30	96,4-R085-9,DT53,35.292087114,80.075611356,30,
56.7	68.2	11.5	35.302222 79.922778	97	4	97	R085S-10	4-R085S-1	DT53	35.30236429	79.92254933	30	97,4-R085S-10,DT53,35.302364294,79.922549325,30,
65.2	73.6	8.4	35.300278 79.973889	98	4	98	R085S-11	4-R085S-1	DT53	35.3004205	79.9736635	30	98,4-R085S-11,DT53,35.3004205,79.973663502,30,
55.1	67.5	12.4	35.302222 80.026111	99	4	99	R085S-12	4-R085S-1	DT53	35.30236467	80.02588771	30	99,4-R085S-12,DT53,35.302364672,80.025887707,30,
59.4	53.8	-5.6	35.305556 79.875278	100	4	100	R085S-13	4-R085S-1	DT53	35.30569806	79.87504634	30	100,4-R085S-13,DT53,35.305698064,79.875046338,30,
67.5	65	-2.5	35.324444 79.821944	101	4	101	R085S-14	4-R085S-1	DT53	35.32458543	79.8217086	30	101,4-R085S-14,DT53,35.324585434,79.821708601,30,
79.7	85.5	5.8	35.308056 79.769444	102	4	102	R085S-15	4-R085S-1	DT53	35.30819765	79.76920587	30	102,4-R085S-15,DT53,35.308197649,79.769205865,30,
51.3	82.2	30.9	35.319722 79.716944	103	4	103	R085S-16	4-R085S-1	DT53	35.31986487	79.71671312	30	103,4-R085S-16,DT53,35.3198648 74,79.716703121,30,
87.4	109.3	21.9	35.200833 80.50856	104	4	104	R110-1	4-R110-1	DT53	35.20097716	80.50834864	30	104,4-R110-1,DT53,35.200977156,80.508348637,30,
94.1	107.5	13.4	35.183611 80.436111	105	4	105	R110-2	4-R110-2	DT53	35.18375636	80.43589836	30	105,4-R110-2,DT53,35.183756363,80.435898358,30,
95	105.6	10.6	35.170833 80.417222	106	4	106	R110-3	4-R110-3	DT53	35.17097899	80.41700902	30	106,4-R110-3,DT53,35.170978992,80.417009018,30,
86.4	104.4	18	35.154167 80.370556	107	4	107	R110-4	4-R110-4	DT53	35.15431415	80.3703422	30	107,4-R110-4,DT53,35.154314154,80.370342199,30,
82.4	102.8	20.4	35.141944 80.319444	108	4	108	R110-5	4-R110-5	DT53	35.14209231	80.31922932	30	108,4-R110-5,DT53,35.142092309,80.319229321,30,
93.8	100.4	6.6	35.117222 80.258611	109	4	109	R110-6	4-R110-6	DT53	35.11737221	80.25839532	30	109,4-R110-6,DT53,35.117372205,80.258395321,30,
66.2	61.8	-4.4	35.104722 80.220278	110	4	110	R110-7	4-R110-7	DT53	35.10487267	80.22006163	30	110,4-R110-7,DT53,35.104872666,80.220061634,30,
83.2	95.1	11.9	35.088056 80.158889	111	4	111	R110-8	4-R110-8	DT53	35.08820693	80.15867154	30	111,4-R110-8,DT53,35.08820693,80.158671542,30,
57.8	75.5	17.7	35.075278 80.120556	112	4	112	R110-9	4-R110-9	DT53	35.07542918	80.12033791	30	112,4-R110-9,DT53,35.075429175,80.120337906,30,
36.1	74.3	38.2	35.057778 80.073889	113	4	113	R110S-10	4-R110S-1	DT53	35.05792953	80.07367019	30	113,4-R110S-10,DT53,35.057929531,80.073670188,30,
86.9	88.2	1.3	35.041944 80.007778	114	4	114	R110S-11	4-R110S-1	DT53	35.04209565	80.00755817	30	114,4-R110S-11,DT53,35.04209565,80.007558169,30,
69.7	88.1	18.4	35.038611 79.97	115	4	115	R110S-12	4-R110S-1	DT53	35.03876262	79.96977939	30	115,4-R110S-12,DT53,35.038762618,79.969779386,30,
47.2	59.9	12.7	35.021667 79.922778	116	4	116	R110S-13	4-R110S-1	DT53	35.02181911	79.92255674	30	116,4-R110S-13,DT53,35.021819105,79.922556736,30,
58.1	86.6	28.5	35.004722 79.859722	117	4	117	R110S-14	4-R110S-1	DT53	35.00487453	79.85950014	30	117,4-R110S-14,DT53,35.004874525,79.859500141,30,
49.3	57.5	8.2	34.985833 79.819722	118	4	118	R110S-15	4-R110S-1	DT53	34.98598579	79.81950014	30	118,4-R110S-15,DT53,34.985985788,79.819500141,30,
53.3	57	3.7	35.972778 79.772222	119	4	119	R110S-16	4-R110S-1	DT53	35.97291358	79.77197368	30	119,4-R110S-16,DT53,35.972913583,79.771973678,30,
82.4	109.8	27.4	35.104722 80.702222	120	4	120	R185-1	4-R185-1	DT53	35.10486866	80.70201324	30	120,4-R185-1,DT53,35.104868663,80.70201324,30,
72.6	107.5	34.9	35.058056 80.702222	121	4	121	R185-2	4-R185-2	DT53	35.05820384	80.70201329	30	121,4-R185-2,DT53,35.058203835,80.702013291,30,
90.4	105.6	15.2	35.018611 80.705556	122	4	122	R185-3	4-R185-3	DT53	35.01875982	80.70534739	30	122,4-R185-3,DT53,35.018759822,80.705347385,30,
82.9	104.4	21.5	34.974722 81.013889	123	4	123	R185-4	4-R185-4	DT53	34.97486801	81.01368893	30	123,4-R185-4,DT53,34.974868013,81.013688928,30,
73.2	103	29.8	34.933611 80.709722	124	4	124	R185-5	4-R185-5	DT53	34.93376035	80.70951258	30	124,4-R185-5,DT53,34.933760352,80.709512581,30,
79.5	83.8	4.3	34.888889 80.722222	125	4	125	R185-6	4-R185-6	DT53	34.88903826	80.72201208	30	125,4-R185-6,DT53,34.889038255,80.722012079,30,
70.4	100.1	29.7	34.839722 80.724722	126	4	126	R185-7	4-R185-7	DT53	34.83987121	80.72451139	30	126,4-R185-7,DT53,34.839871209,80.724511391,30,
77.4	78	0.6	34.803056 80.734722	127	4	127	R185-8	4-R185-8	DT53	34.803205	80.73451088	30	127,4-R185-8,DT53,34.803205003,80.734510883,30,
74.1	89.3	15.2	34.754167 80.722222	128	4	128	R185-9	4-R185-9	DT53	34.75431624	80.72201016	30	128,4-R185-9,DT53,34.754316238,80.722010161,30,

67	88.8	21.8	34.708611 80.736667	129	4	129	R185S-10	4-R185S-1	DT53	34.70875987	80.73645671	30	129,4-R185S-10,DT53,34.708759871,80.736456708,30,
77.3	90.9	13.6	34.668889 80.741667	130	4	130	R185S-11	4-R185S-1	DT53	34.66903772	80.74145828	30	130,4-R185S-11,DT53,34.669037721,80.741458282,30,
72.1	90	17.9	34.622778 80.7425	131	4	131	R185S-12	4-R185S-1	DT53	34.62292667	80.74229311	30	131,4-R185S-12,DT53,34.622926672,80.74229311,30,
78.6	70.5	-8.1	34.590278 80.751389	132	4	132	R185S-13	4-R185S-1	DT53	34.5904264	80.7511835	30	132,4-R185S-13,DT53,34.590426403,80.751183502,30,
58.4	60.6	2.2	34.541111 80.756944	133	4	133	R185S-14	4-R185S-1	DT53	34.54125924	80.75674068	30	133,4-R185S-14,DT53,34.541259235,80.756740678,30,
62.9	57.2	-5.7	34.503611 80.771111	134	4	134	R185S-15	4-R185S-1	DT53	34.5037589	80.77090966	30	134,4-R185S-15,DT53,34.503758897,80.770909655,30,
35.7	53.4	17.7	34.464722 80.7675	135	4	135	R185S-16	4-R185S-1	DT53	34.46486987	80.7672997	30	135,4-R185S-16,DT53,34.464869873,80.767299703,30,
76.8	109.8	33	35.126111 80.785833	136	4	136	R215-1	4-R215-1	DT53	35.12625676	80.78562575	30	136,4-R215-1,DT53,35.126256757,80.785625747,30,
89.7	107.5	17.8	35.089722 80.807778	137	4	137	R215-2	4-R215-2	DT53	35.08986847	80.80757145	30	137,4-R215-2,DT53,35.089868471,80.807571453,30,
84.3	105.9	21.6	35.056111 80.826111	138	4	138	R215-3	4-R215-3	DT53	35.05625817	80.82590513	30	138,4-R215-3,DT53,35.056258172,80.825905127,30,
88	104.1	16.1	35.024444 80.884722	139	4	139	R215-4	4-R215-4	DT53	35.02459151	80.88451805	30	139,4-R215-4,DT53,35.024591507,80.884518049,30,
94.3	103	8.7	34.988333 80.907222	140	4	140	R215-5	4-R215-5	DT53	34.9884808	80.90701898	30	140,4-R215-5,DT53,34.988480801,80.907018976,30,
62.1	72.6	10.5	34.953056 80.94	141	4	141	R215-6	4-R215-6	DT53	34.95320284	80.93979821	30	141,4-R215-6,DT53,34.953202838,80.939798205,30,
77.5	100.5	23	34.907222 80.971111	142	4	142	R215-7	4-R215-7	DT53	34.90736747	80.97091071	30	142,4-R215-7,DT53,34.907367472,80.970910709,30,
74.9	77.3	2.4	34.884444 80.989722	143	4	143	R215-8	4-R215-8	DT53	34.88458865	80.98952271	30	143,4-R215-8,DT53,34.884588646,80.989522712,30,
66.7	94.2	27.5	34.850278 81.023333	144	4	144	R215-9	4-R215-9	DT53	34.85042099	81.02313491	30	144,4-R215-9,DT53,34.850420993,81.023134913,30,
62.6	72.1	9.5	34.807778 81.057778	145	4	145	R215S-10	4-R215S-1	DT53	34.80791937	81.05758152	30	145,4-R215S-10,DT53,34.807919367,81.057581522,30,
56.2	70.1	13.9	34.771944 81.087778	146	4	146	R215S-11	4-R215S-1	DT53	34.77208431	81.08758346	30	146,4-R215S-11,DT53,34.772084305,81.087583457,30,
67.3	67	-0.3	34.734167 81.118611	147	4	147	R215S-12	4-R215S-1	DT53	34.73430683	81.1184186	30	147,4-R215S-12,DT53,34.734306829,81.118418602,30,
74.2	63.9	-10.3	34.692778 81.15278	148	4	148	R215S-13	4-R215S-1	DT53	34.69291796	81.15258946	30	148,4-R215S-13,DT53,34.692917955,81.152589458,30,
62.5	83	20.5	34.658889 81.188611	149	4	149	R215S-14	4-R215S-1	DT53	34.65902908	81.18842221	30	149,4-R215S-14,DT53,34.659029081,81.188422213,30,
72	62	-10	35.639444 81.233333	150	4	150	R215S-15	4-R215S-1	DT53	35.63957702	81.23313701	30	150,4-R215S-15,DT53,35.639577022,81.233137014,30,
39.6	64.3	24.7	35.622222 81.24556	151	4	151	R215S-16	4-R215S-1	DT53	35.62235504	81.24536408	30	151,4-R215S-16,DT53,35.622355036,81.245364081,30,
96.3	109.8	13.5	35.255833 80.868889	152	4	152	R270-1	4-R270-1	DT53	35.25597447	80.86868284	30	152,4-R270-1,DT53,35.255974473,80.868682835,30,
87.9	107.5	19.6	35.251389 80.917222	153	4	153	R270-2	4-R270-2	DT53	35.25152998	80.91701665	30	153,4-R270-2,DT53,35.25152998,80.917016653,30,
82	88.1	6.1	35.253611 80.961111	154	4	154	R270-3	4-R270-3	DT53	35.25375139	80.96090646	30	154,4-R270-3,DT53,35.253751393,80.960906456,30,
90.5	104.4	13.9	35.251944 81.021667	155	4	155	R270-4	4-R270-4	DT53	35.2520837	81.02146363	30	155,4-R270-4,DT53,35.252083703,81.021463630,30,
92.8	87.1	-5.7	35.252222 80.072778	156	4	156	R270-5	4-R270-5	DT53	35.25236588	80.07255761	30	156,4-R270-5,DT53,35.252365875,80.072557609,30,
71.2	101.9	30.7	35.250278 81.130556	157	4	157	R270-6	4-R270-6	DT53	35.25041647	81.13035512	30	157,4-R270-6,DT53,35.25041647,81.130355116,30,
63.8	100.7	36.9	35.251111 81.655556	158	4	158	R270-7	4-R270-7	DT53	35.25123659	81.65537404	30	158,4-R270-7,DT53,35.251236591,81.655374038,30,
72.3	79.7	7.4	35.248333 81.228889	159	4	159	R270-8	4-R270-8	DT53	35.24847032	81.22869034	30	159,4-R270-8,DT53,35.248470317,81.228690335,30,
80.7	95.1	14.4	35.257222 81.285	160	4	160	R270-9	4-R270-9	DT53	35.25735793	81.28480322	30	160,4-R270-9,DT53,35.257357934,81.284803224,30,
63.1	98.5	35.4	35.253611 81.341667	161	4	161	R270S-10	4-R270S-1	DT53	35.25374526	81.34147237	30	161,4-R270S-10,DT53,35.253745263,81.341472369,30,
60.5	59.4	-1.1	35.253611 81.375556	162	4	162	R270S-11	4-R270S-1	DT53	35.25374424	81.37536266	30	162,4-R270S-11,DT53,35.253744241,81.37536266,30,
44	53.1	9.1	35.252222 81.447222	163	4	163	R270S-12	4-R270S-1	DT53	35.25235307	81.44703139	30	163,4-R270S-12,DT53,35.252353071,81.447031385,30,
73.6	69.5	-4.1	35.251389 81.493056	164	4	164	R270S-13	4-R270S-1	DT53	35.25151867	81.49286713	30	164,4-R270S-13,DT53,35.251518672,81.492867129,30,
58.4	57.2	-1.2	35.242778 81.55556	165	4	165	R270S-14	4-R270S-1	DT53	35.24290612	81.55537384	30	165,4-R270S-14,DT53,35.24290612,81.555373841,30,
43.6	58.3	14.7	35.25356 81.65	166	4	166	R270S-15	4-R270S-1	DT53	35.25368576	81.64981779	30	166,4-R270S-15,DT53,35.253685758,81.64981779,30,
57.2	64.5	7.3	35.251111 81.175556	167	4	167	R270S-16	4-R270S-1	DT53	35.25124893	81.17535616	30	167,4-R270S-16,DT53,35.25124893,81.175356156,30,
83.8	99.8	16	35.318056 80.8375	168	4	168	R300-1	4-R300-1	DT53	35.31819649	80.83729384	30	168,4-R300-1,DT53,35.318196492,80.837293842,30,
106.4	109.8	3.4	35.343056 80.89356	169	4	169	R300-2	4-R300-2	DT53	35.34319522	80.89335511	30	169,4-R300-2,DT53,35.343195221,80.893355109,30,
80.9	107.5	26.6	35.370278 80.933611	170	4	170	R300-3	4-R300-3	DT53	35.37041609	80.93340712	30	170,4-R300-3,DT53,35.370416089,80.93340712,30,
83.6	105.6	22	35.388056 80.981389	171	4	171	R300-4	4-R300-4	DT53	35.38819306	80.9811862	30	171,4-R300-4,DT53,35.388193057,80.981186199,30,
75	104.1	29.1	35.403611 80.028333	172	4	172	R300-5	4-R300-5	DT53	35.40375169	80.02810614	30	172,4-R300-5,DT53,35.403751689,80.028106137,30,
75.5	78.1	2.6	35.434444 81.069444	173	4	173	R300-6	4-R300-6	DT53	35.43457938	81.0692433	30	173,4-R300-6,DT53,35.434579381,81.0692433,30,
69.8	101.9	32.1	35.455833 81.121389	174	4	174	R300-7	4-R300-7	DT53	35.45596771	81.1211894	30	174,4-R300-7,DT53,35.45596771,81.1211894,30,
80.6	100.5	19.9	35.474444 81.166111	175	4	175	R300-8	4-R300-8	DT53	35.47457819	81.16591231	30	175,4-R300-8,DT53,35.474578192,81.165912305,30,
90.2	99	8.8	35.496389 81.208889	176	4	176	R300-9	4-R300-9	DT53	35.49652269	81.20869115	30	176,4-R300-9,DT53,35.496522686,81.208691149,30,
62.3	72.8	10.5	35.509444 81.257222	177	4	177	R300S-10	4-R300S-1	DT53	35.50957744	81.25702522	30	177,4-R300S-10,DT53,35.509577444,81.257025218,30,
66.4	73.3	6.9	35.533611 81.32778	178	4	178	R300S-11	4-R300S-1	DT53	35.53374406	81.32758609	30	178,4-R300S-11,DT53,35.533744056,81.327586091,30,
84.7	87.6	2.9	35.557222 81.349444	179	4	179	R300S-12	4-R300S-1	DT53	35.55735487	81.34925112	30	179,4-R300S-12,DT53,35.557354872,81.349251119,30,
80.4	33.5	-46.9	35.574722 81.39833	180	4	180	R300S-13	4-R300S-1	DT53	35.5748546	81.39813907	30	180,4-R300S-13,DT53,35.574854601,81.398139072,30,
87.6	60.2	-27.4	35.59356 81.438611	181	4	181	R300S-14	4-R300S-1	DT53	35.59369236	81.4384217	30	181,4-R300S-14,DT53,35.59369236,81.438421702,30,
69.2	62.4	-6.8	35.62356 81.651389	182	4	182	R300S-15	4-R300S-1	DT53	35.62368916	81.65120641	30	182,4-R300S-15,DT53,35.623689161,81.651206406,30,
64.5	68.9	4.4	35.637778 81.539167	183	4	183	R300S-16	4-R300S-1	DT53	35.63790923	81.53898136	30	183,4-R300S-16,DT53,35.637909233,81.538981357,30,
80.6	109.8	29.2	35.326389 80.836389	184	4	184	R305-1	4-R305-1	DT53	35.32652932	80.8361829	30	184,4-R305-1,DT53,35.326529323,80.836182897,30,
84.2	107.5	23.3	35.354444 80.872222	185	4	185	R305-2	4-R305-2	DT53	35.35458324	80.87201682	30	185,4-R305-2,DT53,35.354583243,80.87201682,30,
93.9	105.6	11.7	35.383056 80.921111	186	4	186	R305-3	4-R305-3	DT53	35.38319397	80.92090701	30	186,4-R305-3,DT53,35.383193965,80.920907011,30,
88.1	104.1	16	35.405556 80.971111	187	4	187	R305-4	4-R305-4	DT53	35.40569279	80.97090818	30	187,4-R305-4,DT53,35.405692792,80.970908184,30,
64.1	102.9	38.8	35.433611 81.003611	188	4	188	R305-5	4-R305-5	DT53	35.43374674	81.00340909	30	188,4-R305-5,DT53,35.43374674,81.003409092,30,
54.8	99.8	45	35.4575 81.051111	189	4	189	R305-6	4-R305-6	DT53	35.45763499	81.05091018	30	189,4-R305-6,DT53,35.457634985,81.050910176,30,
75.3	76.2	0.9	35.471389 81.090556	190	4	190	R305-7	4-R305-7	DT53	35.47152354	81.09035598	30	190,4-R305-7,DT53,35.471523536,81.090355983,30,
63.4	70.4	7	35.508889 81.144444	191	4	191	R305-8	4-R305-8	DT53	35.50902279	81.14424517	30	191,4-R305-8,DT53,35.509022788,81.144245172,30,
89.2	98.9	9.7	35.524444 81.183333	192	4	192	R305-9	4-R305-9	DT53	35.52457762	81.18313496	30	192,4-R305-9,DT53,35.524577622,81.183134963,30,
61.6	68.5	6.9	35.551944 81.223611	193	4	193	R305S-10	4-R305S-1	DT53	35.55207739	81.22341393	30	193,4-R305S-10,DT53,35.552077393,81.223413933,30,
64.9	54.8	-10.1	35.574722 81.27556	194	4	194	R305S-11	4-R305S-1	DT53	35.5748551	81.27536459	30	194,4-R305S-11,DT53,35.5748551104,81.275364589,30,
73.8	87	13.2	35.605278 81.316944	195	4	195	R305S-12	4-R305S-1	DT53	35.60541081	81.31675041	30	195,4-R305S-12,DT53,35.605410812,81.316750406,30,
73.7	86.4	12.7	35.632222 81.353056	196	4	196	R305S-13	4-R305S-1	DT53	35.63235456	81.35286397	30	196,4-R305S-13,DT53,35.632354556,81.352863967,30,
54.6	38.1	-16.5	35.6547 81.418889	197	4	197	R305S-14	4-R305S-1	DT53	35.6548322	81.41869952	30	197,4-R305S-14,DT53,35.654832197,81.418699519,30,
38.3	29.4	-8.9	35.6763 81.451389	198	4	198	R305S-15	4-R305S-1	DT53	35.67643198	81.45120085	30	198,4-R305S-15,DT53,35.676431978,81.451200852,30,
38.1	42.5	4.4	35.7072 81.487222	199	4	199	R305S-16	4-R305S-1	DT53	35.70733171	81.48703536	30	199,4-R305S-16,DT53,35.707331709,81.487035357,30,
83.1	49.9	-33.2	35.219722 80.853611	200	5	200	C1-1	5-C1-1	DTV6	35.21986459	80.85340473	30	200,5-C1-1,DTV6,35.219864592,80.853404726,30,
72.1	84.7	12.6	35.220833 80.72	201	5	201	C1-2	5-C1-2	DTV6	35.22097676	80.71979134	30	201,5-C1-2,DTV6,35.220976757,80.719791336,30,
72	79.6	7.6	35.218611 80.830278	202	5	202	C1-3	5-C1-3	DTV6	35.21875389	80.83007128	30	202,5-C1-3,DTV6,35.218753894,80.83007128,30,
89.4	80	-9.4	35.211389 80.852222	203	5	203	C1-4	5-C1-4	DTV6	35.21153183	80.85201576	30	203,5-C1-4,DTV6,35.211531829,80.852015758,30,
79.5	40.4	-39.1	35.213889 80.824444	204	5	204	C1-5	5-C1-5	DTV6	35.21403209	80.82423719	30	204,5-C1-5,DTV6,35.214032085,80.824237193,30,
77.3	63.6	-13.7	35.205278 80.851944	205	5	205	C1-6	5-C1-6	DTV6	35.20542099	80.8517378	30	205,5-C1-6,DTV6,35.205420994,80.8517378,30,
78.4	61	-17.4	35.205556 80.843056	206	5	206	C1-7	5-C1-7	DTV6	35.20569909	80.84284962	30	206,5-C1-7,DTV6,35.205699088,80.842849615,30,
70.9	61.8	-9.1	35.205833 80.833889	207	5	207	C1-8	5-C1-8	DTV6	35.20597619	80.83368243	30	207,5-C1-8,DTV6,35.205976186,80.833682428,30,
73.9	63.1	-10.8	35.952778 81.037778	208	5	208	C2-1	5-C2-1	DTV6	35.95291085	81.03757856	30	208,5-C2-1,DTV6,35.95291085,81.037578555,30,
70.5	91.2	20.7	35.951944 81.025278	209	5	209	C2-2	5-C2-2	DTV6	35.95207695	81.02507812	30	209,5-C2-2,DTV6,35.952076946,81.025078119,30,
73	79.7	6.7	34.952778 81.021111	210	5	210	C2-3	5-C2-3	DTV6	34.95292322	81.02091119	30	210,5-C2-3,DTV6,34.952923221,81.020911186,30,
68.8	67	-1.8	34.941111 81.043056	211	5	211	C2-4	5-C2-4	DTV6	34.94125508	81.04285624	30	211,5-C2-4,DTV6,34.941255084,81.04285624,30,
70.4	65.6	-4.8	34.941111 81.020556	212	5	212	C2-5	5-C2-5	DTV6	34.941256	81.02035638	30	212,5-C2-5,DTV6,34.941255997,81.020356382,30,
67.2	79.1	11.9	34.939167 81.038611	213	5	213	C2-6	5-C2-6	DTV6	34.93931228	81.03841131	30	213,5-C2-6,DTV6,34.939311228,81.038411308,30,
60.7	53.2	-7.5	34.935833 81.025278	214	5	214	C2-7	5-C2-7	DTV6	34.9359777	81.02507845	30	214,5-C2-7,DTV6,34.935977697,81.025078445,30,
62.1	66.6	4.5	34.936389 81.021389	215	5	215	C2-8	5-C2-8	DTV6	34.93653386	81.02118946	30	215,5-C2-8,DTV6,34.936533864,81.021189455,30,
105.2	77.7	-27.5	35.235 80.725556	216	5	216	C3-1	5-C3-1	DTV6	35.23514341	80.72534739	30	216,5-C3-1,DTV6,35.235143408,80.725347387,30,
102.5	69	-33.5	35.238611 80.716944	217	5	217	C3-2	5-C3-2	DTV6	35.23875431	80.71673528	30	217,5-C3-2,DTV6,35.238754311,80.716735275,30,
108	58.5	-49.5	35.220833 80.843611	218	5	218	C3-3	5-C3-3	DTV6	35.22097568	80.84340452	30	218,5-C3-3,DTV6,35.220975679,80.843404524,30,
114.8	87.1	-27.7	35.225556 80.824722	219	5	219	C3-4	5-C3-4	DTV6	35.22569878	80.82451513	30	219,5-C3-4,DTV6,35.225698778,80.824515133,30,
102.8	81.1	-21.7	35.226111 80.719167	220	5	220	C3-5	5-C3-5	DTV6	35.22625463	80.71895832	30	220,5-C3-5,DTV6,35.226254625,80.718958319,30,
84	66.6	-17.4	35.243611 80.878056	221	5	221	G1A1	5-G1A1	DTV6	35.24375266	80.87785	30	221,5-G1A1,DTV6,35.243752662,80.877849997,30,
84.8	82.4	-2.4	35.241389 80.860556	222	5	222	G1A2	5-G1A2	DTV6	35.24153093	80.8603497	30	222,5-G1A2,DTV6,35.241530934,80.860349697,30,
77.9	88.9	11	35.24 80.841389	223	5	223	G1A3	5-G1A3	DTV6	35.2401422	80.84118236	30	223,5-G1A3,DTV6,35.240142202,80.841182357,30,
78.4	79.4	1	35.241111 80.825278	224	5	224	G1A4	5-G1A4	DTV6	35.24125337	80.82507106	30	224,5-G1A4,DTV6,35.241253367,80.825071055,30,
85.4	78.3	-7.1	35.242778 81.550556	225	5	225	G1A5	5-G1A5	DTV6	35.24290624	81.55036963	30	225,5-G1A5,DTV6,35.242906243,81.550369628,30,
85.8	65.3	-20.5	35.226389 80.88	226	5	226	G1B1	5-G1B1	DTV6	35.2265311	80.87979418	30	226,5-G1B1,DTV6,35.2265311103,80.87979418,30,
74.7	71.9	-2.8	35.228056 80.808889	227	5	227	G1B2	5-G1B2	DTV6	35.2281989	80.80868182	30	227,5-G1B2,DTV6,35.228198901,80.808681819,30,
75.8	58.4	-17.4	35.229722 80.844722	228	5	228	G1B3	5-G1B3	DTV6	35.22986443	80.84451549	30	228,5-G1B3,DTV6,35.229864432,80.844515486,30,
73.6	81.3	7.7	35.225556 80.704444	229	5	229	G1B4	5-G1B4	DTV6	35.22569963	80.70423513	30	229,5-G1B4,DTV6,35.225699629,80.704235134,30,
90.2	64.4	-25.8	35.228056 80.859444	230	5	230	G1B5	5-G1B5	DTV6	35.2281983	80.85923778	30	230,5-G1B5,DTV6,35.228198302,80.859237776,30,
85.3	58.4	-26.9	35.213333 80.879167	231	5	231	G1C1	5-G1C1	DTV6	35.21347547	80.87896128	30	231,5-G1C1,DTV6,35.213475465,80.878961275,30,
75	62.7	-12.3	35.212778 80.859722	232	5	232	G1C2	5-G1C2	DTV6	35.21292071	80.8595159	30	232,5-G1C2,DTV6,35.212920705,80.859515896,30,
56.9	68.7	11.8	35.210278 80.843333	233	5	233	G1C3	5-G1C3	DTV6	35.21042096	80.84312659	30	233,5-G1C3,DTV6,35.210420961,80.843126589,30,
76.3	52	-24.3	35.213889 80.834444	234	5	234	G1C4	5-G1C4	DTV6	35.21403197	80.83423739	30	234,5-G1C4,DTV6,35.214031969,80.83423739,30,
84.6	46.5	-38.1	35.211944 80.806389	235	5	235	G1C5	5-G1C5	DTV6	35.21208734	80.80618185	30	235,5-G1C5,DTV6,35.212087344,80.806181847,30,
85.6	63.4	-22.2	35.199722 80.879444	236	5	236	G1D1	5-G1D1	DTV6	35.19986483	80.8792384	30	236,5-G1D1,DTV6,35.199864828,80.879238397,30,
84.3	82.2	-2.1	35.191111 80.856111	237	5	237	G1D2	5-G1D2	DTV6	35.19125432	80.85590498	30	237,5-G1D2,DTV6,35.191254322,80.855904983,30,
76.6	55.2	-21.4	35.198611 80.806111	238	5	238	G1D3	5-G1D3	DTV6	35.19875469	80.8059039	30	238,5-G1D3,DTV6,35.19875469,80.805903903,30,
75.5	71.7	-3.8	35.198889 80.825278	239	5	239	G1D4	5-G1D4	DTV6	35.19903247	80.82507129	30	239,5-G1D4,DTV6,35.199032465,80.825071294,30,
85	91.3	6.3	35.198611 80.844722	240	5	240	G1D5	5-G1D5	DTV6	35.19875425	80.8445157	30	240,5-G1D5,DTV6,35.198754252,80.844515695,30,
84.5	89.2	4.7	35.1825 80.881111	241	5	241	G1E1	5-G1E1	DTV6	35.18264327	80.88090558	30	241,5-G1E1,DTV6,35.182643274,80.880905579,30,
73.2	48.6	-24.6	35.183889 80.860278	242	5	242	G1E2	5-G1E2	DTV6	35.18403247	80.86007212	30	242,5-G1E2,DTV6,35.184032467,80.860072124,30,
72.6	87.5	14.9	35.185278 80.844444	243	5	243	G1E3	5-G1E3	DTV6	35.18542161	80.84423778	30	243,5-G1E3,DTV6,35.185421606,80.844237778,30,
66.8	59.2	-7.6	35.183611 80.825278	244	5	244	G1E4	5-G1E4	DTV6	35.18375486	80.82507138	30	244,5-G1E4,DTV6,35.183754863,80.825071381,30,
81	71.9	-9.1	35.184444 80.777778	245	5	245	G1E5	5-G1E5	DTV6	35.18458837	80.77757037	30	245,5-G1E5,DTV6,35.184588368,80.777570367,30,
69.1	61.7	-7.4	34.976111 81.025278	246	5	246	G2A1	5-G2A1	DTV6	34.97625652	81.02507774	30	246,5-G2A1,DTV6,34.976256524,81.025077739,30,
66.4	79.1	12.7	34.976111 81.049444	247	5	247	G2A2	5-G2A2	DTV6	34.97625542	81.04924338	30	247,5-G2A2,DTV6,34.976255422,81.049243383,30,
70.2	63.1	-7.1	34.975278 81.033611	248	5	248	G2A3	5-G2A3	DTV6	34.97542313	81.03341063	30	248,5-G2A3,DTV6,34.975423128,81.033410633,30,
53.1	69.7	16.6	34.974722 81.013889	249	5	249	G2A4	5-G2A4	DTV6	34.97486801	81.01368893	30	249,5-G2A4,DTV6,34.974868013,81.013688928,30,
65.9	50.2	-15.7	34.977222 80.9975	250	5	250	G2A5	5-G2A5	DTV6	34.97736873	80.99730002	30	250,5-G2A5,DTV6,34.977368729,80.997300015,30,
64.8	90.5	25.7	34.956667 81.066944	251	5	251	G2B1	5-G2B1	DTV6	34.95681034	81.06674366	30	251,5-G2B1,DTV6,34.956810341,81.066743661,30,
69.8	67.6	-2.2	34.961389 81.048333	252	5	252	G2B2	5-G2B2	DTV6	34.96153322	81.04813274	30	252,5-G2B2,DTV6,34.961533219,81.048132739,30,
71.5	86.2	14.7	34.961944 81.033889	253	5	253	G2B3	5-G2B3	DTV6	34.96208886	81.03368889	30	253,5-G2B3,DTV6,34.962088858,81.03368889,30,
70	71.5	1.5	34.963056 81.015278	254	5	254	G2B4	5-G2B4	DTV6	34.96320169	81.01507808	30	254,5-G2B4,DTV6,34.963201694,81.015078084,30,
72.7	63.1	-9.6	34.961111 80.998889	255	5	255	G2B5	5-G2B5	DTV6	34.96125733	80.99868924	30	255,5-G2B5,DTV6,34.961257327,80.998689244,30,
55.9	75.6	19.7	34.946944 81.065556	256	5	256	G2C1	5-G2C1	DTV6	34.94708726	81.06535594	30	256,5-G2C1,DTV6,34.947087257,81.065355939,30,
72.3	23	-49.3	34.941111 81.036111	257	5	257	G2C2	5-G2C2	DTV6	34.94125537	81.03591128	30	257,5-G2C2,DTV6,34.941255366,81.035911284,30,
63.5	59.9	-3.6	34.976111 81.066944	258	5	258	G2C3	5-G2C3	DTV6	34.97625462	81.06674313	30	258,5-G2C3,DTV6,34.976254624,81.066743126,30,

69.2	88.1	18.9	34.941111	81.015278	259	5	259	G2C4	5-G2C4	DTV6	34.94125621	81.01507842	30
60.4	58.6	-1.8	34.946389	80.995833	260	5	260	G2C5	5-G2C5	DTV6	34.94653501	80.9956333	30
63.1	78	14.9	34.925833	81.059444	261	5	261	G2D1	5-G2D1	DTV6	34.92597618	81.05924453	30
66.2	61	-5.2	34.932778	81.042222	262	5	262	G2D2	5-G2D2	DTV6	34.93292197	81.04202243	30
59.2	58.8	-0.4	34.926111	81.025833	263	5	263	G2D3	5-G2D3	DTV6	34.92625548	81.02563361	30
68.3	83.2	14.9	34.933333	81.008056	264	5	264	G2D4	5-G2D4	DTV6	34.93347833	81.00785657	30
73.1	65.2	-7.9	34.926389	80.989167	265	5	265	G2D5	5-G2D5	DTV6	34.92653463	80.98896726	30
59.7	90.1	30.4	34.908333	81.059722	266	5	266	G2E1	5-G2E1	DTV6	34.9084759	81.05952298	30
61.7	93.4	31.7	34.916944	81.041389	267	5	267	G2E2	5-G2E2	DTV6	34.91708771	81.04118977	30
58.9	75.8	16.9	34.918333	81.025278	268	5	268	G2E3	5-G2E3	DTV6	34.91847734	81.02507875	30
72.1	77	4.9	34.918889	80.991389	269	5	269	G2E4	5-G2E4	DTV6	34.91903442	80.99118942	30
65.7	75.9	10.2	34.918889	81.008611	270	5	270	G2E5	5-G2E5	DTV6	34.91903397	81.00841176	30
88.6	91.9	3.3	35.338889	80.558056	271	5	271	R050-1	5-R050-1	DTV6	35.33903065	80.55784472	30
63.2	50.1	-13.1	35.373889	80.509722	272	5	272	R050-2	5-R050-2	DTV6	35.37403035	80.50950942	30
56.3	90.5	34.2	35.403056	80.470833	273	5	273	R050-3	5-R050-3	DTV6	35.40319714	80.47061909	30
55.2	37	-18.2	35.421389	80.422222	274	5	274	R050-4	5-R050-4	DTV6	35.42153004	80.4220065	30
56.3	48.6	-7.7	35.453333	80.390278	275	5	275	R050-5	5-R050-5	DTV6	35.45347364	80.39006106	30
48.7	82.4	33.7	35.476389	80.3525	276	5	276	R050-6	5-R050-6	DTV6	35.47652934	80.3522815	30
43.2	79.4	36.2	35.505556	80.306944	277	5	277	R050-7	5-R050-7	DTV6	35.50569594	80.30672347	30
36.4	76.7	40.3	35.535278	80.270556	278	5	278	R050-8	5-R050-8	DTV6	35.53541769	80.27033371	30
80.1	63	-17.1	35.559722	80.229444	279	5	279	R050-9	5-R050-9	DTV6	35.55986135	80.22921981	30
78.6	79	0.4	35.596667	80.184722	280	5	280	R050S-10	5-R050S-1	DTV6	35.59680575	80.18449544	30
71.1	73.6	2.5	35.619722	80.138889	281	5	281	R050S-11	5-R050S-1	DTV6	35.61986026	80.13866031	30
67.5	107.4	39.9	35.648056	80.101944	282	5	282	R050S-12	5-R050S-1	DTV6	35.64819377	80.10171339	30
70.6	89.4	18.8	35.6775	80.058889	283	5	283	R050S-13	5-R050S-1	DTV6	35.67763722	80.05865623	30
73	75.6	2.6	35.701111	79.020833	284	5	284	R050S-14	5-R050S-1	DTV6	35.70126155	79.02056729	30
60.2	55.1	-5.1	35.732222	79.978889	285	5	285	R050S-15	5-R050S-1	DTV6	35.73235834	79.97865198	30
62.6	90.6	28	35.756667	79.927778	286	5	286	R050S-16	5-R050S-1	DTV6	35.75680336	79.92753819	30
78.1	42.7	-35.4	35.258889	80.503611	287	5	287	R085-1	5-R085-1	DTV6	35.25903173	80.50339954	30
59.8	77.9	18.1	35.275278	80.240278	288	5	288	R085-2	5-R085-2	DTV6	35.27542222	80.24006101	30
62.4	44.5	-17.9	35.271389	80.403333	289	5	289	R085-3	5-R085-3	DTV6	35.27153226	80.40311942	30
72	84.9	12.9	35.270278	80.351389	290	5	290	R085-4	5-R085-4	DTV6	35.27042165	80.3511744	30
53.9	88.6	34.7	35.283056	80.299722	291	5	291	R085-5	5-R085-5	DTV6	35.28319979	80.29950609	30
57.9	82.1	24.2	35.275278	80.456111	292	5	292	R085-6	5-R085-6	DTV6	35.27542084	80.45589842	30
60	58.2	-1.8	35.284722	80.189444	293	5	293	R085-7	5-R085-7	DTV6	35.2848658	80.18922548	30
52.2	91.6	39.4	35.285556	80.138056	294	5	294	R085-8	5-R085-8	DTV6	35.28569954	80.13783615	30
65.9	79.6	13.7	35.291944	80.075833	295	5	295	R085-9	5-R085-9	DTV6	35.29208711	80.07561136	30
70.2	78.5	8.3	35.302222	80.026111	296	5	296	R085S-10	5-R085S-1	DTV6	35.30236467	80.02588771	30
70.7	91.4	20.7	35.300278	79.973889	297	5	297	R085S-11	5-R085S-1	DTV6	35.3004205	79.9736635	30
63.7	87.7	24	35.302222	79.922778	298	5	298	R085S-12	5-R085S-1	DTV6	35.30236429	79.92254933	30
61.7	78.1	16.4	35.305556	79.875278	299	5	299	R085S-13	5-R085S-1	DTV6	35.30569806	79.87504634	30
73.9	90.9	17	35.324444	79.821944	300	5	300	R085S-14	5-R085S-1	DTV6	35.32458543	79.8217086	30
65.4	72.1	6.7	35.308056	79.769444	301	5	301	R085S-15	5-R085S-1	DTV6	35.30819765	79.76920587	30
59.9	104.9	45	35.319722	79.716944	302	5	302	R085S-16	5-R085S-1	DTV6	35.31986487	79.71670312	30
88	76.6	-11.4	35.200833	80.508056	303	5	303	R110-1	5-R110-1	DTV6	35.20097716	80.50784463	30
56.2	64.3	8.1	35.183611	80.436111	304	5	304	R110-2	5-R110-2	DTV6	35.18375636	80.43589836	30
67	47.5	-19.5	35.170833	80.417222	305	5	305	R110-3	5-R110-3	DTV6	35.17097899	80.41700902	30
60.1	36	-24.1	35.154167	80.370556	306	5	306	R110-4	5-R110-4	DTV6	35.15431415	80.3703422	30
53.4	89.3	35.9	35.141944	80.319444	307	5	307	R110-5	5-R110-5	DTV6	35.14209231	80.31922932	30
64.3	87.9	23.6	35.117222	80.258611	308	5	308	R110-6	5-R110-6	DTV6	35.11737221	80.25839532	30
48.3	92.8	44.5	35.104722	80.220278	309	5	309	R110-7	5-R110-7	DTV6	35.10487267	80.22006163	30
48.8	87.6	38.8	35.088056	80.158889	310	5	310	R110-8	5-R110-8	DTV6	35.08820693	80.15867154	30
83	92.8	9.8	35.075278	80.120556	311	5	311	R110-9	5-R110-9	DTV6	35.07542918	80.12033791	30
78.8	90.9	12.1	35.057778	80.073889	312	5	312	R110S-10	5-R110S-1	DTV6	35.05792953	80.07367019	30
78.7	80.4	1.7	35.041944	80.007778	313	5	313	R110S-11	5-R110S-1	DTV6	35.04209565	80.00755817	30
77.8	78.5	0.7	35.038611	79.97	314	5	314	R110S-12	5-R110S-1	DTV6	35.03876262	79.96977939	30
78.5	46.1	-32.4	35.021667	79.922778	315	5	315	R110S-13	5-R110S-1	DTV6	35.02181911	79.92255674	30
65.6	76.8	11.2	35.004722	79.859722	316	5	316	R110S-14	5-R110S-1	DTV6	35.00487453	79.85950014	30
67.2	88.3	21.1	34.985833	79.819722	317	5	317	R110S-15	5-R110S-1	DTV6	34.98598579	79.81950014	30
62	65.4	3.4	35.972778	79.772222	318	5	318	R110S-16	5-R110S-1	DTV6	35.97291358	79.77197368	30
82.1	80.4	-1.7	35.104722	80.702222	319	5	319	R185-1	5-R185-1	DTV6	35.10486866	80.70201324	30
61	77.9	16.9	35.058056	80.702222	320	5	320	R185-2	5-R185-2	DTV6	35.05820384	80.70201329	30
64	66.5	2.5	35.018611	80.705556	321	5	321	R185-3	5-R185-3	DTV6	35.01875982	80.70534739	30
59.2	74.8	15.6	34.974722	80.709167	322	5	322	R185-4	5-R185-4	DTV6	34.97487131	80.70895812	30
57.4	42.7	-14.7	34.933611	80.709722	323	5	323	R185-5	5-R185-5	DTV6	34.93376035	80.70951258	30
54.4	63.5	9.1	34.888889	80.722222	324	5	324	R185-6	5-R185-6	DTV6	34.88903825	80.72201208	30
50.3	89	38.7	34.839722	80.724722	325	5	325	R185-7	5-R185-7	DTV6	34.83987121	80.72451139	30
43.3	77.4	34.1	34.803056	80.734722	326	5	326	R185-8	5-R185-8	DTV6	34.803205	80.73451088	30
74.2	77.6	3.4	34.754167	80.722222	327	5	327	R185-9	5-R185-9	DTV6	34.75431624	80.72201016	30
77.6	80.3	2.7	34.708611	80.736667	328	5	328	R185S-10	5-R185S-1	DTV6	34.70875987	80.73645671	30
73.4	79.9	6.5	34.668889	80.741667	329	5	329	R185S-11	5-R185S-1	DTV6	34.66903772	80.74145828	30
72.7	89.6	16.9	34.622778	80.7425	330	5	330	R185S-12	5-R185S-1	DTV6	34.62292667	80.74229311	30
72.8	91.3	18.5	34.590278	80.751389	331	5	331	R185S-13	5-R185S-1	DTV6	34.5904264	80.7511835	30
70.1	78	7.9	34.541111	80.756944	332	5	332	R185S-14	5-R185S-1	DTV6	34.54125924	80.75674068	30
61.3	90.9	29.6	34.503611	80.771111	333	5	333	R185S-15	5-R185S-1	DTV6	34.5037589	80.77090966	30
63.2	90.1	26.9	34.464722	80.7675	334	5	334	R185S-16	5-R185S-1	DTV6	34.46486987	80.7672997	30
74.1	44.6	-29.5	35.126111	80.785833	335	5	335	R215-1	5-R215-1	DTV6	35.12625676	80.78562575	30
33.5	12.5	-21	35.089722	80.807778	336	5	336	R215-2	5-R215-2	DTV6	35.08986847	80.80757145	30
46.6	53.2	6.6	35.056111	80.826111	337	5	337	R215-3	5-R215-3	DTV6	35.05625817	80.82590513	30
50.7	71.8	21.1	35.024444	80.884722	338	5	338	R215-4	5-R215-4	DTV6	35.02459151	80.88451805	30
55	51.7	-3.3	34.988333	80.907222	339	5	339	R215-5	5-R215-5	DTV6	34.9884808	80.90701898	30
56.1	77.7	21.6	34.953056	80.94	340	5	340	R215-6	5-R215-6	DTV6	34.95320284	80.93979821	30
55.1	44.7	-10.4	34.907222	80.971111	341	5	341	R215-7	5-R215-7	DTV6	34.90736747	80.97091071	30
46.8	91.5	44.7	34.884444	80.989722	342	5	342	R215-8	5-R215-8	DTV6	34.88458865	80.98952271	30
82.5	64	-18.5	34.850278	81.023333	343	5	343	R215-9	5-R215-9	DTV6	34.85042099	81.02313491	30
74.8	90.3	15.5	34.807778	81.057778	344	5	344	R215S-10	5-R215S-1	DTV6	34.80791937	81.05758152	30
68.4	79.5	11.1	34.771944	81.087778	345	5	345	R215S-11	5-R215S-1	DTV6	34.77208431	81.08758346	30
77.1	104.9	27.8	34.734167	81.118611	346	5	346	R215S-12	5-R215S-1	DTV6	34.73430683	81.1184186	30
62.4	89.6	27.2	34.692778	81.150278	347	5	347	R215S-13	5-R215S-1	DTV6	34.69291798	81.15008736	30
66.3	92.1	25.8	34.658889	81.188611	348	5	348	R215S-14	5-R215S-1	DTV6	34.65902908	81.18842221	30
58.5	104.9	46.4	35.639444	81.233333	349	5	349	R215S-15	5-R215S-1	DTV6	35.63957702	81.23313701	30
56.6	92.8	36.2	35.622222	81.240556	350	5	350	R215S-16	5-R215S-1	DTV6	35.62235506	81.24035998	30
86	47.5	-38.5	35.255833	80.868889	351	5	351	R270-1	5-R270-1	DTV6	35.25597447	80.86868284	30
60.6	85.8	25.2	35.251389	80.917222	352	5	352	R270-2	5-R270-2	DTV6	35.25152998	80.91701665	30
60.5	60.8	0.3	35.253611	80.961111	353	5	353	R270-3	5-R270-3	DTV6	35.25375139	80.96090646	30
49.2	83.6	34.4	35.251944	81.021667	354	5	354	R270-4	5-R270-4	DTV6	35.2520837	81.02146363	30
58.5	92.3	33.8	35.252222	80.072778	355	5	355	R270-5	5-R270-5	DTV6	35.25236588	80.07255761	30
52.5	85.8	33.3	35.250278	81.130556	356	5	356	R270-6	5-R270-6	DTV6	35.25041647	81.13035512	30
50.5	94.4	43.9	35.251111	81.655556	357	5	357	R270-7	5-R270-7	DTV6	35.25123659	81.65537404	30
48	90.2	42.2	35.248333	81.228889	358	5	358	R270-8	5-R270-8	DTV6	35.24847032	81.22869034	30
81.4	52.5	-28.9	35.257222	81.285	359	5	359	R270-9	5-R270-9	DTV6	35.25735793	81.28480322	30
72.6	67.2	-5.4	35.253611	81.341667	360	5	360	R270S-10	5-R270S-1	DTV6	35.25374526	81.34147237	30
71	77.9	6.9	35.253611	81.375556	361	5	361	R270S-11	5-R270S-1	DTV6	35.25374424	81.37536266	30
72.8	77.8	5	35.252222	81.447222	362	5	362	R270S-12	5-R270S-1	DTV6	35.25235097	81.44703139	30
67.7	87.8	20.1	35.251389	81.493056	363	5	363	R270S-13	5-R270S-1	DTV6	35.25151867	81.49286713	30
66.5	75.3	8.8	35.242778	80.808611	364	5	364	R270S-14	5-R270S-1	DTV6	35.24292053	80.80840374	30
62.3	107.4	45.1	35.253056	81.605	365	5	365	R270S-15	5-R270S-1	DTV6	35.25318287	81.60481587	30
45	87.4	42.4	35.251111	81.175556	366	5	366	R270S-16	5-R270S-1	DTV6	35.25124893	81.17535616	30
83.8	73.6	-10.2	35.318056	80.8375	367	5	367	R300-1	5-R300-1	DTV6	35.31819649	80.83729384	30
59.9	81	21.1	35.343056	80.893056	368	5	368	R300-2	5-R300-2	DTV6	35.34319523	80.8928511	30
60.7	77.2	16.5	35.370278	80.933611	369	5	369	R300-3	5-R300-3	DTV6	35.37041609	80.93340712	30
67.3	88.8	21.5	35.388056	80.981389	370	5	370	R300-4	5-R300-4	DTV6	35.38819306	80.9811862	30
65.2	58.3	-6.9	35.403611	80.028333	371	5	371	R300-5	5-R300-5	DTV6	35.40375169	80.02810614	30
69.7	64.1	-5.6	35.434444	81.069444	372	5	372	R300-6	5-R300-6	DTV6	35.43457938	81.0692433	30
58.4	52.3	-6.1	35.455833	81.121389	373	5	373	R300-7	5-R300-7	DTV6	35.45596771	81.1211894	30
56.9	62.8	5.9	35.474444	81.166111	374	5	374	R300-8	5-R300-8	DTV6	35.47457819	81.16591231	30
74.4	54.9	-19.5	35.496389	81.208889	375	5	375	R300-9	5-R300-9	DTV6	35.49652269	81.20869115	30
77.8	89	11.2	35.509444	81.257222	376	5	376	R300S-10	5-R300S-1	DTV6	35.50957744	81.25702522	30
66.8	90.1	23.3	35.533611	81.302778	377	5	377	R300S-11	5-R300S-1	DTV6	35.53374416	81.30258317	30
69.7	77	7.3	35.557222	81.349444	378	5	378	R300S-12	5-R300S-1	DTV6	35.55735487	81.34925112	30
71.7	50.5	-21.2	35.574722	81.390833	379	5	379	R300S-13	5-R300S-1	DTV6	35.57485463	81.3906418	30
72.9	93.4	20.5	35.593056	81.438611	380	5	380	R300S-14	5-R300S-1	DTV6	35.59318836	81.4384217	30
71	36.3	-34.7	35.623056	81.651389	381	5	381	R300S-15	5-R300S-1	DTV6	35.62318516	81.6512064	30
71.6	95.8	24.2	35.637778	81.539167	382	5	382	R300S-16	5-R300S-1	DTV6	35.63790923	81.53898136	30
79.4	53.7	-25.7	35.326389	80.836389	383	5	383	R305-1	5-R305-1	DTV6	35.32652932	80.8361829	30
46.8	63.1	16.3	35.354444	80.872222	384	5	384	R305-2	5-R305-2	DTV6	35.35458324	80.87201682	30
58.7	59	0.3	35.383056	80.921111	385	5	385	R305-3	5-R305-3	DTV6	35.38319397	80.92090701	30
57.2	81	23.8	35.405556	80.971111	386	5	386	R305-4	5-R305-4	DTV6	35.40569279	80.97090818	30
53.9	92	38.1	35.433611	81.003611	387	5	387	R305-5	5-R305-5	DTV6	35.43374674	81.00340909	30
61.2	64.8	3.6	35.4575	81.051111	388	5	388	R305-6	5-R305-6	DTV6	35.45763499	81.05091018	30

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386,5-R305-4,DTV6,35.405692792,80.970908184,30,
387,5-R305-5,DTV6,35.43374674,81.003409092,30,
388,5-R305-6,DTV6,35.457634985,81.050910176,30,

46.6	79.7	33.1	35.471389	81.090556	389	5	389	R305-7	5-R305-7	DTV6	35.47152354	81.09035598	30	389,5-R305-7,DTV6,35.471523536,81.090355983,30,
47.2	72	24.8	35.508889	81.144444	390	5	390	R305-8	5-R305-8	DTV6	35.50902279	81.14424517	30	390,5-R305-8,DTV6,35.509022788,81.144245172,30,
80.9	48.6	-32.3	35.524444	81.183333	391	5	391	R305-9	5-R305-9	DTV6	35.52457762	81.18313496	30	391,5-R305-9,DTV6,35.524577622,81.183134963,30,
73	94	21	35.551944	81.223611	392	5	392	R305S-10	5-R305S-1	DTV6	35.55207739	81.22341393	30	392,5-R305S-10,DTV6,35.552077393,81.223413933,30,
81.5	78.9	-2.6	35.574722	81.270556	393	5	393	R305S-11	5-R305S-1	DTV6	35.57485513	81.27036041	30	393,5-R305S-11,DTV6,35.574855125,81.270360406,30,
60.7	79.2	18.5	35.605278	81.316944	394	5	394	R305S-12	5-R305S-1	DTV6	35.60541081	81.31675041	30	394,5-R305S-12,DTV6,35.605410812,81.316750406,30,
60.6	92.4	31.8	35.632222	81.353056	395	5	395	R305S-13	5-R305S-1	DTV6	35.63235456	81.35286397	30	395,5-R305S-13,DTV6,35.632354556,81.352863967,30,
69.9	79.4	9.5	35.654722	81.418889	396	5	396	R305S-14	5-R305S-1	DTV6	35.6548542	81.41869952	30	396,5-R305S-14,DTV6,35.6548454197,81.418699519,30,
64.4	38.8	-25.6	35.676389	81.451389	397	5	397	R305S-15	5-R305S-1	DTV6	35.67652098	81.45120085	30	397,5-R305S-15,DTV6,35.676520977,81.451200853,30,
69.1	91.5	22.4	35.707222	81.487222	398	5	398	R305S-16	5-R305S-1	DTV6	35.70735371	81.48703536	30	398,5-R305S-16,DTV6,35.707353709,81.487035357,30,
86.8	80.8246	-5.9754	35.48824	80.68627	399	7	399	69	69	WBTV	35.4883785	80.68606169	30	399,69,WBTV,35.488378499,80.686061694,30,
57.6	0	-57.6	35.7698	79.87817	400	7	400	182	182	WBTV	35.76993649	79.87792778	30	400,182,WBTV,35.769936487,79.877927782,30,
37.1	0	-37.1	35.14352	82.50323	401	7	401	295	7-295	WBTV	35.14363748	82.50307388	30	401,7-295,WBTV,35.143637476,82.503073877,30,
94.5	98.332	3.832	35.49777	81.42829	402	7	402	408	408	WBTV	35.49790277	81.42809952	30	402,408,WBTV,35.497902767,81.428099517,30,
70.3	66.8171	-3.4829	35.25266	80.51683	403	7	403	521	521	WBTV	35.25280282	80.51661877	30	403,521,WBTV,35.252802816,80.516618773,30,
85.4	94.6565	9.2565	35.56187	81.199	404	7	404	634	634	WBTV	35.56200344	81.19880258	30	404,634,WBTV,35.562003443,81.198802582,30,
52.1	51.2461	-0.8539	36.14115	81.15752	405	7	405	747	747	WBTV	36.14128175	81.15732659	30	405,747,WBTV,36.141281754,81.157326586,30,
56.1	59.3354	3.2354	35.87517	81.75747	406	7	406	860	860	WBTV	35.87529917	81.75729489	30	406,860,WBTV,35.875299173,81.757294892,30,
74.1	61.5554	-12.5446	35.36386	80.40857	407	7	407	973	973	WBTV	35.3640019	80.40835504	30	407,973,WBTV,35.364001898,80.408355039,30,
69.8	62.8811	-6.9189	35.73147	81.55448	408	7	408	1086	7-1086	WBTV	35.73160088	81.5542954	30	408,7-1086,WBTV,35.731600876,81.554295403,30,
86.7	87.7184	1.0184	35.06726	81.17494	409	7	409	1199	7-1199	WBTV	35.06739849	81.1747373	30	409,7-1199,WBTV,35.067398485,81.174737301,30,
91.5	89.5484	-1.9516	35.58967	81.0923	410	7	410	1312	1312	WBTV	35.58980376	81.0921008	30	410,1312,WBTV,35.589803762,81.092100802,30,
92.5	99.4612	6.9612	35.27196	80.959	412	7	412	1538	1538	WBTV	35.2721	80.9587956	30	412,1538,WBTV,35.2721,80.958795604,30,
76.2	73.1902	-3.0098	35.42098	81.91687	413	7	413	1651	1651	WBTV	35.42110296	81.91669508	30	413,1651,WBTV,35.421102956,81.916695077,30,
66.5	58.321	-8.179	35.28592	82.07958	414	7	414	1764	1764	WBTV	35.28603665	82.07941257	30	414,1764,WBTV,35.286036652,82.079412573,30,
81.8	83.7475	1.9475	35.00679	81.22059	415	7	415	1877	1877	WBTV	35.00692647	81.22038548	30	415,1877,WBTV,35.006926468,81.220385483,30,
61.1	55.2362	-5.8638	34.30576	81.59557	416	7	416	1990	1990	WBTV	34.30589925	81.59539811	30	416,1990,WBTV,34.305899249,81.595398113,30,
62.9	62.0374	-0.8626	35.43397	80.40088	417	7	417	2329	2329	WBTV	35.43411091	80.40066369	30	417,2329,WBTV,35.434110908,80.400663693,30,
53.5	50.6785	-2.8215	35.21842	80.10366	418	7	418	2442	2442	WBTV	35.21856533	80.10344063	30	418,2442,WBTV,35.218565327,80.103440627,30,
67.4	61.2795	-6.1205	35.70547	81.64648	419	7	419	2555	2555	WBTV	35.70559961	81.64629767	30	419,2555,WBTV,35.705599608,81.646297665,30,
75.3	82.1439	6.8439	34.89867	81.38279	420	7	420	2781	7-2781	WBTV	34.89880425	81.38259977	30	420,7-2781,WBTV,34.898804252,81.382599769,30,
66.2	29.3161	-36.8839	35.71166	80.06453	421	7	421	2894	2894	WBTV	35.71179692	80.06429675	30	421,2894,WBTV,35.711796916,80.064296745,30,
69.1	67.6279	-1.4721	35.94987	81.55288	422	7	422	3007	3007	WBTV	35.95000056	81.55269942	30	422,3007,WBTV,35.950000563,81.552699415,30,
55.6	60.9473	5.3473	36.03283	80.40403	423	7	423	3120	3120	WBTV	36.03296692	80.40380684	30	423,3120,WBTV,36.032966918,80.403806838,30,
73	80.3804	7.3804	34.92922	81.03796	424	7	424	3233	3233	WBTV	34.92936407	81.03776052	30	424,3233,WBTV,34.929364068,81.037760517,30,
78.2	93.0278	14.8278	35.07015	80.9858	425	7	425	3346	3346	WBTV	35.07029535	80.98559841	30	425,3346,WBTV,35.070295348,80.985598405,30,
85	87.8096	2.8096	35.25092	80.78139	426	7	426	3459	3459	WBTV	35.25106265	80.78118223	30	426,3459,WBTV,35.251062652,80.781182233,30,
68.5	64.0877	-4.4123	34.92275	80.40171	427	7	427	3572	3572	WBTV	34.92290273	80.40149692	30	427,3572,WBTV,34.922902725,80.401496918,30,
46.7	51.1002	4.4002	36.0015	80.0391	428	7	428	3685	7-3685	WBTV	36.00163698	80.03886308	30	428,7-3685,WBTV,36.001636983,80.038863082,30,
63.7	51.4369	-12.2631	35.25967	80.1606	429	7	429	3798	3798	WBTV	35.25981414	80.16038148	30	429,3798,WBTV,35.259814144,80.160381477,30,
79.4	87.398	7.998	35.52456	80.71511	430	7	430	3911	3911	WBTV	35.52469821	80.71490243	30	430,3911,WBTV,35.52469821,80.714902433,30,
48	0	-48	36.07047	81.22429	431	7	431	4024	4024	WBTV	36.07060119	81.22409862	30	431,4024,WBTV,36.070601192,81.224098615,30,
80.3	80.512	0.212	35.09645	80.80456	432	7	432	4137	4137	WBTV	35.09659633	80.80435334	30	432,4137,WBTV,35.096596329,80.804353338,30,
64.6	61.7045	-2.8955	34.71841	81.9772	433	7	433	4250	4250	WBTV	34.71853707	81.97702135	30	433,4250,WBTV,34.718537065,81.977021345,30,
77.4	71.5908	-5.8092	35.05869	80.69582	434	7	434	4363	4363	WBTV	35.05883782	80.6956112	30	434,4363,WBTV,35.058837823,80.695611197,30,
69.5	76.5996	7.0996	35.30158	81.86257	435	7	435	4476	4476	WBTV	35.30170127	81.86239541	30	435,4476,WBTV,35.301701273,81.862395406,30,
66.7	62.0921	-4.6079	35.37428	81.97737	436	7	436	4589	4589	WBTV	35.3744008	81.97719772	30	436,4589,WBTV,35.374400797,81.97719772,30,
80	82.1344	2.1344	35.75247	81.42839	437	7	437	4702	4702	WBTV	35.75260177	81.42820171	30	437,4702,WBTV,35.752601766,81.428201712,30,
62	0	-62	36.28397	81.62507	438	7	438	4815	4815	WBTV	36.28409726	81.62489935	30	438,4815,WBTV,36.284097262,81.62489935,30,
61.3	60.0873	-1.2127	36.14397	81.28779	439	7	439	4928	4928	WBTV	36.14410074	81.28760265	30	439,4928,WBTV,36.144100738,81.287602648,30,
84.2	87.658	3.458	35.62236	80.9142	440	7	440	5041	5041	WBTV	35.62249571	80.913997	30	440,5041,WBTV,35.622495714,80.913996997,30,
51.9	48.0289	-3.8711	36.12954	80.36414	441	7	441	5154	5154	WBTV	36.12967772	80.36391538	30	441,5154,WBTV,36.129677724,80.363915377,30,
76	81.5028	5.5028	35.10635	80.82161	442	7	442	5267	5267	WBTV	35.10649591	80.82140373	30	442,5267,WBTV,35.106495908,80.821403726,30,
88	88.935	0.935	35.62067	81.46059	443	7	443	5380	5380	WBTV	35.62080216	81.46040172	30	443,5380,WBTV,35.620802162,81.460401721,30,
83.6	84.7705	1.1705	35.30136	80.70321	444	7	444	5606	5606	WBTV	35.30150201	80.70300133	30	444,5606,WBTV,35.301502011,80.703001334,30,
82	74.373	-7.627	34.95715	80.78961	445	7	445	5719	5719	WBTV	34.95729866	80.78940281	30	445,5719,WBTV,34.957298662,80.789402812,30,
73.3	70.3721	-2.9279	35.61296	80.52031	446	7	446	5832	5832	WBTV	35.61309958	80.52009439	30	446,5832,WBTV,35.613099577,80.520094393,30,
91.1	92.9179	1.8179	35.41096	80.8656	447	7	447	5945	5945	WBTV	35.41109808	80.86539522	30	447,5945,WBTV,35.411098076,80.865395224,30,
72.5	64.067	-8.433	34.73156	81.23849	448	7	448	6058	6058	WBTV	34.73169837	81.23830232	30	448,6058,WBTV,34.73169837,81.238302317,30,
88.8	92.6045	3.8045	35.03096	81.1559	449	7	449	6171	6171	WBTV	35.03109944	81.15569703	30	449,6171,WBTV,35.031099435,81.155697026,30,
90.8	89.1261	-1.6739	35.72053	81.33519	450	7	450	6284	6284	WBTV	35.72066227	81.33499819	30	450,6284,WBTV,35.720662273,81.33499819,30,
63.2	54.8961	-8.3039	36.26025	80.88696	451	7	451	6397	6397	WBTV	36.26038415	80.88675485	30	451,6397,WBTV,36.260384151,80.886754852,30,
93.1	95.284	2.184	35.07712	81.04103	452	7	452	6510	6510	WBTV	35.07726348	81.0408284	30	452,6510,WBTV,35.077263478,81.040828399,30,
72.7	69.7357	-2.9643	35.01085	80.57831	453	7	453	6623	6623	WBTV	35.01099916	80.57809946	30	453,6623,WBTV,35.010999157,80.578099461,30,
84.6	86.8699	2.2699	35.25498	81.53752	454	7	454	6736	6736	WBTV	35.25510857	81.537333	30	454,6736,WBTV,35.255108572,81.537333001,30,
50.7	0	-50.7	34.76728	82.30706	455	7	455	6849	6849	WBTV	34.76739052	82.30690127	30	455,6849,WBTV,34.767399052,82.306901274,30,
76.5	86.2602	9.7602	35.32396	80.80241	456	7	456	6962	6962	WBTV	35.32410081	80.80220325	30	456,6962,WBTV,35.324100809,80.802203251,30,
49.1	29.2365	-19.8635	36.14527	80.20896	457	7	457	7075	7075	WBTV	36.14540729	80.20872995	30	457,7075,WBTV,36.145407291,80.208729946,30,
64.2	52.8735	-11.3265	35.65036	80.38422	458	7	458	7188	7188	WBTV	35.65049915	80.38399914	30	458,7188,WBTV,35.650499145,80.383999135,30,
58.3	55.3857	-2.9143	35.85096	80.12703	459	7	459	7301	7301	WBTV	35.85109701	80.12679771	30	459,7301,WBTV,35.851097009,80.126797709,30,
60.7	0	-60.7	35.57244	82.00574	460	7	460	7414	7414	WBTV	35.57256425	82.00556742	30	460,7414,WBTV,35.572564248,82.005567422,30,
93.4	100.8339	7.4339	35.43827	81.32329	461	7	461	7527	7527	WBTV	35.43840361	81.32309536	30	461,7527,WBTV,35.438403612,81.32309536,30,
64.2	73.7587	9.5587	35.19479	82.27006	462	7	462	7640	7640	WBTV	35.19490416	82.26989743	30	462,7640,WBTV,35.194904155,82.269897427,30,
70.3	80.9227	10.6227	35.40996	80.64341	463	7	463	7753	7753	WBTV	35.41010021	80.64320036	30	463,7753,WBTV,35.410100205,80.643200364,30,
77.8	47.417	-30.383	34.71555	82.27064	464	7	464	7866	7866	WBTV	34.71566913	82.27047967	30	464,7866,WBTV,34.715669131,82.270479669,30,
57.4	48.832	-8.568	35.81983	80.0121	465	7	465	7979	7979	WBTV	35.81996641	80.01186346	30	465,7979,WBTV,35.819966406,80.011863456,30,
75.8	76.399	0.599	35.41212	80.5959	466	7	466	8092	8092	WBTV	35.41226042	80.59568918	30	466,8092,WBTV,35.412260423,80.595689178,30,
73.8	78.9425	5.1425	35.35698	81.92527	467	7	467	8205	8205	WBTV	35.35710124	81.92509649	30	467,8205,WBTV,35.357101244,81.925096491,30,
57	59.3354	2.3354	35.87517	81.75747	468	7	468	8318	8318	WBTV	35.87529917	81.75729489	30	468,8318,WBTV,35.875299173,81.757294892,30,
70.4	92.337	21.937	35.56197	81.0398	469	7	469	8431	8431	WBTV	35.56210401	81.03959967	30	469,8431,WBTV,35.562104012,81.039599668,30,
76	0	-76	35.30108	82.46406	470	7	470	8544	8544	WBTV	35.301197	82.46390176	30	470,8544,WBTV,35.301197003,82.46390176,30,
36.7	0	-36.7	35.12359	82.34311	472	7	472	8770	7-8770	WBTV	35.1237055	82.34294901	30	472,7-8770,WBTV,35.123705498,82.342949005,30,
31.1	50.929	19.829	36.21435	80.2863	473	7	473	8883	7-8883	WBTV	36.21448785	80.28607256	30	473,7-8883,WBTV,36.214487845,80.286072562,30,
49.2	0	-49.2	35.26315	82.5046	474	7	474	8996	8996	WBTV	35.26326779	82.5044426	30	474,8996,WBTV,35.263267786,82.504442602,30,
46.6	67.4994	20.8994	35.68228	80.48575	475	7	475	9109	9109	WBTV	35.68241943	80.48553184	30	475,9109,WBTV,35.682419427,80.485531841,30,
77.1	80.4791	3.3791	35.12575	80.77481	476	7	476	9222	9222	WBTV	35.12589588	80.77460248	30	476,9222,WBTV,35.125895877,80.77460248,30,
59.9	55.0449	-4.8551	35.94426	80.29293	477	7	477	9335	9335	WBTV	35.94439727	80.29270367	30	477,9335,WBTV,35.944397273,80.292703671,30,
72.5	67.8419	-4.6581	35.25636	80.51601	478	7	478	9448	9448	WBTV	35.25650277	80.51579873	30	478,9448,WBTV,35.25650277,80.515798726,30,
58.2	0	-58.2	35.40952	82.55842	479	7	479	9561	9561	WBTV	35.4096345	82.5582645	30	479,9561,WBTV,35.409634504,82.558264495,30,
60.8	51.7228	-9.0772	35.32023	80.52297	480	7	480	9674	9674	WBTV	35.32037197	80.52275822	30	480,9674,WBTV,35.320371971,80.522758217,30,
76.5	71.5666	-4.9334	35.66366	80.75131	481	7	481	9787	9787	WBTV	35.66379919	80.75110261	30	481,9787,WBTV,35.663799185,80.751102608,30,
90.4	88.7011	-1.6989	35.69727	81.29799	482	7	482	9900	9900	WBTV	35.69740252	81.29779666	30	482,9900,WBTV,35.697402518,81.297796662,30,
52.7	114.908	62.208	35.39966	81.1933	483	7	483	10013	10013	WBTV	35.39979531	81.19310137	30	483,10013,WBTV,35.399795306,81.193101367,30,
67.2	61.7429	-5.4571	35.64737	81.88147	484	7	484	10126	10126	WBTV	35.64749591	81.88129478	30	484,10126,WBTV,35.647495911,81.881294778,30,
70.8	65.0632	-5.7368	35.80896	80.25643	485	7	485	10239	10239	WBTV	35.80909767	80.25620284	30	485,10239,WBTV,35.809097669,80.256202843,30,
34.3	0	-34.3	34.84959	82.40082	486	7	486	10352	7-10352	WBTV	34.84970766	82.40066418	30	486,7-10352,WBTV,34.849707661,82.400664179,30,
82.4	89.0107	6.6107	35.23957	81.72744	487	7	487	10465	10465	WBTV	35.23969394	81.72726121	30	487,10465,WBTV,35.239693944,81.727261207,30,
78.4	80.5291	2.1291	34.90419	81.18959	488	7	488	10578	10578	WBTV	34.90432824	81.18939141	30	488,10578,WBTV,34.904328244,81.189391414,30,
72.1	69.7334	-2.3666	34.98875	80.59971	489	7	489	10691	10691	WBTV	34.98889954	80.59949972	30	489,10691,WBTV,34.98889954,80.599499717,30,
86.5	85.5616	-0.9384	35.13512	80.89662	490	7	490	10804	10804	WBTV	35.13526439	80.89641536	30	490,10804,WBTV,35.135264393,80.896415358,30,
60.7	56.6618	-4.0382	34.39296	81.47048	491	7	491	10917	10917	WBTV	34.39310202	81.47030393	30	491,10917,WBTV,34.393102015,81.470303926,30,
70.7	59.8721	-10.8279	34.69957	80.76285	492	7	492	11030	11030	WBTV	34.69971817	80.76264077	30	492,11030,WBTV,34.699718166,80.762640767,30,
77.1	80.4791	3.3791	35.12575	80.77481	493	7	493	11143	11143	WBTV	35.12589588	80.77460248	30	493,11143,WBTV,35.125895877,80.77460248,30,
69.3	79.5363	10.2363	35.58576	80.46072	494	7	494	11256	11256	WBTV	35.58589964	80.46050288	30	494,11256,WBTV,35.585899637,80.460502882,30,
83.1	81.2807	-1.8193	35.76347	81.1803	495	7	495	11369	11369	WBTV	35.76360283	81.180104001	30	495,11369,WBTV,35.763602827,81.180104001,30,
77	78.7425	1.7425	35.18606	80.69244	496	7	496	11482	11482	WBTV	35.18620462	80.69223102	30	496,11482,WBTV,35.186204616,80.692231022,30,
93.8	96.3405	2.5405	35.35447	81.40339	497	7	497	11595	11595	WBTV	35.3546026	81.40319808	30	497,11595,WBTV,35.354602597,81.403198077,30,
93.2	90.9537	-2.2463	35.60767	81.2222	498	7	498	11708	11708	WBTV	35.60780319	81.22200347	30	498,11708,WBTV,35.60780319,81.222003467,30,
78.1	89.2195	11.1195	35.15335	80.82891	499	7	499	11821	11821	WBTV	35.15349461	80.82870364	30	499,11821,WBTV,35.153494612,80.828703636,30,
85.12	0	-85.12	36.2012	77.7154	500	8	500	12804	8-12804	WCTI	36.20135242	77.71509785	30	500,8-12804,WCTI,36.20135242,77.715097851,30,
89.7	76.334	-13.366	36.0015	80.0391	501	9	501	3685	9-3685	WFMY	36.00163698	80.03886308	30	501,9-3685,WFMY,36.001636983,80.038863082,30,
73.7	57.7206	-15.9794	36.21435	80.2863	502	9	502	8883	9-8883	WFMY	36.21448785	80.28607256	30	502,9-8883,WFMY,36.214487845,80.286072562,30,
80.5	89.7243	9.2243	26.18006	80.28014	503	10	503	7	10-7	WFOR	26.18042213	80.27991153	30	503,10-7,WFOR,26.180422132,80.279911533,30,
85.4	94.0866	8.6866	26.13949	80.20245	504	10	504	15	10-15	WFOR	26.1398535	80.20221934	30	504,10-15,WFOR,26.139853499,80.20221934,30,
73.6	82.2704	8.6704	25.697	80.3992	505	10	505	23	10-23	WFOR	25.69738029	80.39897627	30	505,10-23,WFOR,25.697380289,80.398976274,30,
66.6	80.56	13.96	25.66105	80.38405	506	10	506	31	10-31	WFOR	25.66143151	80.38382608	30	506,10-31,WFOR,25.661431508,80.38382608,30,
76.3	94.8008	18.5008	25.80341	80.22595	507	10	507	39	10-39	WFOR	25.80378587	80.22572098	30	507,10-39,WFOR,25.803785866,80.225720975,30,
77.4	87.7975	10.3975	25.72956	80.25534	508	10	508	47	10-47	WFOR	25.72993854	80.25511232	30	508,10-47,WFOR,25.729938544,80.255112319,30,
87.7	102.0704	14.3704	25.87246	80.17083	509	10	509	55	10-55	WFOR	25.87283325	80.17059888	30	509,10-55,WFOR,25.872833245,80.170598875,30,
76.3	80.4066	4.1066	26.3105	80.2331	510	10	510	63	10-63	WFOR	26.31085719	80.23286984	30	510,10-63,WFOR,26.310857191,80.232869835,30,
76.7	84.3329	7.6329	26.24984	80.27572	511	10	511	71	10-71	WFOR	26.25019949	80.27549128	30	511,10-71,WFOR,26.250199488,80.275491281,30,
99.7	109.6025	9.9025	25.91864	80.26115	512	10	512	79	10-79	WFOR	25.91901182	80.2609217	30	512,10-79,WFOR,25.919011822,80.260921698,30,
91.3	109.2719	17.9719	26.01166	80.1698	513	10	513	87	10-87	WFOR	26.01202818	80.16956851	30	513,10-87,WFOR,26.012028179,80.16956851,30,
71.9	83.4638	11.5638	25.6996	80.3642	514	10	514	95	10-95	WFOR	25.69998004	80.36397536	30	514,10-95,WFOR,25.699980043,80.363975361,30,
80.9	90.8883	9.9883	26.16162	80.14617	515	10	515	103	10-103	WFOR	26.16198254	80.14593751	30	515,10-103,WFOR,26.161982543,80.145937511,30,
96.8	105.7967	8.9967	25.90005	80.16898	516	10	516	111	10-111	WFOR	25.90042224	80.16874875	30	516,10-111,WFOR,25.900422239,80.168748745,30,
87.3	94.5421	7.2421	26.13512	80.20262	517	10	517	119	10-119	WFOR	26.13548366	80.20238935	30	517,10-119,WFOR,26.135483664,80.202389353,30,
63.6	72.5746	8.9746	25.52064	80.39645	518	10	518	127	10-127	WFOR	25.52102661	80.39622711	30	518,10-127,WFOR,25.521026609,80.396227113,30,
93.5	98.6361	5.1361	26.09797	80.19415	519	10	519	135	10-135	WFOR	26.09833503	80.19391915	30	519,10-135,WFOR,26.098335032,80.193919146,30,
87.9	98.8622	10.9622	26.08126	80.15	520	10	520	143	10-143	WFOR	26.08162553	80.14976776	30	520,10-143,WFOR,26.081625531,80.149767761,30,

71.7	82.005	10.305	26.26326	80.0906	521	10	521	151	10-151	WFOR	26.26361869	80.09036558	30	521,10-151,WFOR,26.263618693,80.090365575,30,
77.5	91.6843	14.1843	26.16477	80.22251	522	10	522	159	10-159	WFOR	26.1651326	80.22227994	30	522,10-159,WFOR,26.165132597,80.222279935,30,
80.6	88.5541	7.9541	25.74391	80.2853	523	10	523	167	10-167	WFOR	25.74428817	80.285073	30	523,10-167,WFOR,25.744288168,80.285073,30,
89.7	97.252	7.552	25.82549	80.23055	524	10	524	175	10-175	WFOR	25.82586508	80.23032106	30	524,10-175,WFOR,25.825865084,80.230321063,30,
68.5	77.1467	8.6467	25.6185	80.4239	525	10	525	183	10-183	WFOR	25.61888324	80.42367727	30	525,10-183,WFOR,25.618883243,80.423677267,30,
85.9	99.7152	13.8152	25.88576	80.33348	526	10	526	191	10-191	WFOR	25.88613319	80.33325373	30	526,10-191,WFOR,25.886133185,80.333253734,30,
107	111.2318	4.2318	26.01506	80.20855	527	10	527	199	10-199	WFOR	26.015428818	80.20831975	30	527,10-199,WFOR,26.0154281 81,80.20831975,30,
82.1	95.3096	13.2096	25.81992	80.12835	528	10	528	207	10-207	WFOR	25.82029506	80.12811753	30	528,10-207,WFOR,25.820295058,80.128117525,30,
80.8	89.9959	9.1959	26.17351	80.15094	529	10	529	215	10-215	WFOR	26.17387211	80.15070764	30	529,10-215,WFOR,26.173872113,80.150707644,30,
71	90.0084	19.0084	26.16735	80.10889	530	10	530	223	10-223	WFOR	26.16771225	80.10865632	30	530,10-223,WFOR,26.167712248,80.108656316,30,
70	78.2102	8.2102	25.62122	80.36216	531	10	531	231	10-231	WFOR	25.62160282	80.36193577	30	531,10-231,WFOR,25.621602815,80.361935769,30,
81.2	89.3468	8.1468	26.18407	80.14285	532	10	532	239	10-239	WFOR	26.1844317	80.14261737	30	532,10-239,WFOR,26.184431704,80.14261737,30,
74.3	83.0559	8.7559	25.6992	80.37756	533	10	533	247	10-247	WFOR	25.69958012	80.37733571	30	533,10-247,WFOR,25.699580116,80.377335706,30,
93.9	112.9963	19.0963	25.9676	80.1936	534	10	534	255	10-255	WFOR	25.96796987	80.19336939	30	534,10-255,WFOR,25.967969865,80.193369385,30,
87.2	111.0331	23.8331	25.9905	80.2717	535	10	535	263	10-263	WFOR	25.99086926	80.27147172	30	535,10-263,WFOR,25.990869263,80.271471716,30,
88.7	95.1349	6.4349	26.12349	80.27465	536	10	536	271	10-271	WFOR	26.12385426	80.27442151	30	536,10-271,WFOR,26.12385426,80.27442151,30,
70.3	99.7528	29.4528	26.05355	80.32143	537	10	537	279	10-279	WFOR	26.05391698	80.32120286	30	537,10-279,WFOR,26.053916977,80.321202861,30,
88.8	101.3949	12.5949	26.0254	80.3286	538	10	538	287	10-287	WFOR	26.02576805	80.32837312	30	538,10-287,WFOR,26.02576805,80.328373115,30,
84.6	104.0593	19.4593	25.88531	80.17415	539	10	539	295	10-295	WFOR	25.88568279	80.17391896	30	539,10-295,WFOR,25.885682788,80.173918955,30,
98.2	107.6339	9.4339	26.02839	80.17438	540	10	540	303	10-303	WFOR	26.02875757	80.17414863	30	540,10-303,WFOR,26.028757571,80.174148629,30,
82.5	95.3258	12.8258	25.80895	80.23862	541	10	541	311	10-311	WFOR	25.80932569	80.2383914	30	541,10-311,WFOR,25.809325694,80.2383914,30,
80.2	94.1112	13.9112	25.82443	80.32605	542	10	542	319	10-319	WFOR	25.8248054	80.32582377	30	542,10-319,WFOR,25.8248054,80.325823767,30,
77.4	92.1272	14.7272	26.12866	80.10595	543	10	543	327	10-327	WFOR	26.12902366	80.10571628	30	543,10-327,WFOR,26.129023664,80.105716281,30,
111	110.6434	-0.3566	25.99016	80.16885	544	10	544	335	10-335	WFOR	25.99052897	80.16861852	30	544,10-335,WFOR,25.990528967,80.168618522,30,
74	89.6576	15.6576	25.75034	80.23947	545	10	545	343	10-343	WFOR	25.7507178	80.23924163	30	545,10-343,WFOR,25.750717796,80.239241631,30,
83.3	88.4082	5.1082	26.20336	80.15587	546	10	546	351	10-351	WFOR	26.20372102	80.15563775	30	546,10-351,WFOR,26.203721015,80.155637753,30,
93.8	91.4085	-2.3915	26.113	80.3748	547	10	547	359	10-359	WFOR	26.11336482	80.37457408	30	547,10-359,WFOR,26.113364482,80.374574078,30,
89	98.2167	9.2167	25.83847	80.18106	548	10	548	367	10-367	WFOR	25.8388445	80.18082931	30	548,10-367,WFOR,25.838844503,80.180829311,30,
71.4	79.8665	8.4665	25.66543	80.41868	549	10	549	375	10-375	WFOR	25.66581152	80.41845692	30	549,10-375,WFOR,25.665811517,80.418456921,30,
87.3	94.3093	7.0093	26.13823	80.22625	550	10	550	383	10-383	WFOR	26.1385936	80.2260201	30	550,10-383,WFOR,26.138593604,80.226020101,30,
85.8	97.2312	11.4312	25.8252	80.21682	551	10	551	391	10-391	WFOR	25.82557506	80.21659059	30	551,10-391,WFOR,25.825575063,80.216590587,30,
81.5	87.3961	5.8961	25.72528	80.26185	552	10	552	399	10-399	WFOR	25.72565872	80.26162253	30	552,10-399,WFOR,25.725658717,80.261622525,30,
70.7	78.1742	7.4742	25.60439	80.32872	553	10	553	407	10-407	WFOR	25.60477323	80.32849508	30	553,10-407,WFOR,25.604773227,80.328495076,30,
85.7	97.0307	11.3307	25.82776	80.18303	554	10	554	415	10-415	WFOR	25.8281349	80.18279941	30	554,10-415,WFOR,25.828134895,80.182799407,30,
73	80.0409	7.0409	26.29591	80.09853	555	10	555	423	10-423	WFOR	26.29626751	80.09829573	30	555,10-423,WFOR,26.296267509,80.098295725,30,
87.9	100.1638	12.2638	25.84896	80.23528	556	10	556	431	10-431	WFOR	25.84933425	80.23505115	30	556,10-431,WFOR,25.849334253,80.235051148,30,
86.1	96.5174	10.4174	25.81984	80.20434	557	10	557	439	10-439	WFOR	25.82021523	80.20411017	30	557,10-439,WFOR,25.820215229,80.20411017,30,
98.3	107.1559	8.8559	25.89271	80.22505	558	10	558	447	10-447	WFOR	25.89308266	80.22482066	30	558,10-447,WFOR,25.893082657,80.224820655,30,
104.5	110.0451	5.5451	25.95809	80.15951	559	10	559	455	10-455	WFOR	25.9584601	80.15927829	30	559,10-455,WFOR,25.958460102,80.159278293,30,
86.7	103.4127	16.7127	25.88769	80.16101	560	10	560	463	10-463	WFOR	25.88806267	80.16077851	30	560,10-463,WFOR,25.888062666,80.160778505,30,
92.9	94.2993	1.3993	26.12665	80.15325	561	10	561	471	10-471	WFOR	26.12701386	80.15301779	30	561,10-471,WFOR,26.127013857,80.153017793,30,
74.6	82.4987	7.8987	25.7172	80.4234	562	10	562	479	10-479	WFOR	25.71757966	80.4231768	30	562,10-479,WFOR,25.717579664,80.423176802,30,
97.1	109.9092	12.8092	26.01616	80.18437	563	10	563	487	10-487	WFOR	26.01652806	80.18413897	30	563,10-487,WFOR,26.01652806,80.184138971,30,
103	109.9131	6.9131	25.93684	80.16768	564	10	564	495	10-495	WFOR	25.9372109	80.16744861	30	564,10-495,WFOR,25.937210899,80.167448612,30,
110.2	112.0229	1.8229	26.00148	80.19316	565	10	565	503	10-503	WFOR	26.00184864	80.19292928	30	565,10-503,WFOR,26.001848638,80.192929278,30,
80.9	90.8883	9.9883	26.16162	80.14617	566	10	566	511	10-511	WFOR	26.161982254	80.14593751	30	566,10-511,WFOR,26.161982543,80.145937511,30,
71.7	83.3447	11.6447	26.24317	80.09035	567	10	567	519	10-519	WFOR	26.24352943	80.09011562	30	567,10-519,WFOR,26.243529428,80.090115616,30,
89.6	98.841	9.241	25.83852	80.23115	568	10	568	527	10-527	WFOR	25.83889462	80.23092104	30	568,10-527,WFOR,25.838894617,80.230921041,30,
97.7	104.9121	7.2121	26.02911	80.29425	569	10	569	535	10-535	WFOR	26.02947786	80.29402221	30	569,10-535,WFOR,26.029477857,80.294022211,30,
85.8	96.6375	10.8375	25.82009	80.21122	570	10	570	543	10-543	WFOR	25.82046524	80.21099041	30	570,10-543,WFOR,25.820465235,80.210990408,30,
76.1	84.3075	8.2075	25.74851	80.42775	571	10	571	551	10-551	WFOR	25.74888855	80.42752677	30	571,10-551,WFOR,25.748888546,80.427526774,30,
77.4	87.9542	10.5542	25.74612	80.31914	572	10	572	559	10-559	WFOR	25.74649822	80.31891389	30	572,10-559,WFOR,25.74649822,80.318913887,30,
77.6	84.9067	7.3067	26.2529	80.1862	573	10	573	567	10-567	WFOR	26.25325923	80.18596862	30	573,10-567,WFOR,26.253259227,80.185968624,30,
65.5	76.6748	11.1748	25.59386	80.38544	574	10	574	575	10-575	WFOR	25.59424392	80.38521648	30	574,10-575,WFOR,25.594243918,80.385216477,30,
75.1	84.4873	9.3873	25.7432	80.4145	575	10	575	583	10-583	WFOR	25.74357869	80.41427645	30	575,10-583,WFOR,25.743578688,80.414276445,30,
81.4	90.5094	9.1094	26.16801	80.29162	576	10	576	591	10-591	WFOR	26.16837261	80.29139185	30	576,10-591,WFOR,26.168372606,80.291391845,30,
67.9	75.4256	7.5256	25.57243	80.38935	577	10	577	599	10-599	WFOR	25.57281471	80.38912668	30	577,10-599,WFOR,25.572814707,80.389126682,30,
75.8	87.7563	11.9563	26.20846	80.24866	578	10	578	607	10-607	WFOR	26.208821	80.24843069	30	578,10-607,WFOR,26.208821004,80.248430687,30,
85.9	96.5723	10.6723	25.82158	80.25019	579	10	579	615	10-615	WFOR	25.82195527	80.24996176	30	579,10-615,WFOR,25.821955268,80.249961757,30,
80.1	80.7899	0.6899	26.29416	80.10385	580	10	580	623	10-623	WFOR	26.29451758	80.1036159	30	580,10-623,WFOR,26.294517582,80.103615895,30,
87.6	104.3333	16.7333	25.89752	80.15701	581	10	581	631	10-631	WFOR	25.8978923	80.15677835	30	581,10-631,WFOR,25.897892298,80.156778348,30,
106.1	111.8449	5.7449	25.93316	80.24999	582	10	582	639	10-639	WFOR	25.93353128	80.24976135	30	582,10-639,WFOR,25.933531278,80.249761351,30,
72.8	75.6075	2.8075	25.5844	80.4124	583	10	583	647	10-647	WFOR	25.58478441	80.41217716	30	583,10-647,WFOR,25.584784412,80.412177155,30,
78.1	89.7463	11.6463	25.75173	80.20137	584	10	584	655	10-655	WFOR	25.75210768	80.20114026	30	584,10-655,WFOR,25.75210768,80.201140263,30,
73.5	81.4168	7.9168	25.66465	80.35743	585	10	585	663	10-663	WFOR	25.66503125	80.3572054	30	585,10-663,WFOR,25.665031251,80.357205396,30,
109.7	112.6499	2.9499	26.00545	80.22071	586	10	586	671	10-671	WFOR	26.005818583	80.22048016	30	586,10-671,WFOR,26.005818583,80.220480158,30,
82.1	87.8967	5.7967	25.73267	80.26915	587	10	587	679	10-679	WFOR	25.73304849	80.26892266	30	587,10-679,WFOR,25.733048493,80.268922658,30,
92	99.7991	7.7991	26.09059	80.20652	588	10	588	687	10-687	WFOR	26.09095534	80.20628955	30	588,10-687,WFOR,26.090955343,80.206289554,30,
87.2	95.9935	8.7935	25.81441	80.22729	589	10	589	695	10-695	WFOR	25.81478547	80.22706099	30	589,10-695,WFOR,25.814785474,80.227060986,30,
95.4	113.0545	17.6545	25.96714	80.25127	590	10	590	703	10-703	WFOR	25.96751007	80.25104126	30	590,10-703,WFOR,25.967510066,80.251041263,30,
83.3	88.4082	5.1082	26.20336	80.15587	591	10	591	711	10-711	WFOR	26.20372102	80.15563775	30	591,10-711,WFOR,26.203721015,80.155637753,30,
71	90.0084	19.0084	26.16735	80.10889	592	10	592	719	10-719	WFOR	26.16771225	80.10865632	30	592,10-719,WFOR,26.167712248,80.108656316,30,
91.9	102.4921	10.5921	25.87308	80.17691	593	10	593	727	10-727	WFOR	25.87345324	80.17667908	30	593,10-727,WFOR,25.873453238,80.17667908,30,
115.4	111.6547	-3.7453	25.99067	80.22204	594	10	594	735	10-735	WFOR	25.99103913	80.22181024	30	594,10-735,WFOR,25.991039128,80.221810241,30,
110.5	113.1617	2.6617	25.99566	80.22593	595	10	595	743	10-743	WFOR	25.99602896	80.22570035	30	595,10-743,WFOR,25.996028962,80.22570035,30,
82.9	96.1614	13.2614	26.08343	80.33405	596	10	596	751	10-751	WFOR	26.08379587	80.33382311	30	596,10-751,WFOR,26.083795869,80.333823114,30,
91	102.827	11.827	25.93652	80.32935	597	10	597	759	10-759	WFOR	25.93689132	80.32912343	30	597,10-759,WFOR,25.936891324,80.329123434,30,
84.9	102.9931	18.0931	26.06419	80.18782	598	10	598	767	10-767	WFOR	26.06455628	80.187589	30	598,10-767,WFOR,26.064556277,80.187589001,30,
110.2	112.6464	2.4464	25.95111	80.25835	599	10	599	775	10-775	WFOR	25.95148065	80.25812151	30	599,10-775,WFOR,25.951480653,80.258121507,30,
67.7	77.6039	9.9039	25.60345	80.36485	600	10	600	783	10-783	WFOR	25.60383346	80.36462594	30	600,10-783,WFOR,25.60383346,80.364625938,30,
71	90.0084	19.0084	26.16735	80.10889	601	10	601	791	10-791	WFOR	26.16771225	80.10865632	30	601,10-791,WFOR,26.167712248,80.108656316,30,
73.9	83.2603	9.3603	25.67926	80.31304	602	10	602	799	10-799	WFOR	25.67964053	80.31281419	30	602,10-799,WFOR,25.679640529,80.312814187,30,
34.2	45.505	11.305	39.98596	77.23456	603	11	603	81	11-81	WHP	39.98605272	77.23426511	30	603,11-81,WHP,39.986052724,77.234265107,30,
64.2	70.8185	6.6185	40.07996	76.73713	604	11	604	1956	11-1956	WHP	40.08005521	76.73681978	30	604,11-1956,WHP,40.080055207,76.736819775,30,
69.4	81.0637	11.6637	39.96047	76.74585	605	11	605	3531	11-3531	WHP	39.96056837	76.74585596	30	605,11-3531,WHP,39.960568374,76.74585596,30,
58.3	58.77	0.47	40.0799	76.269	606	11	606	4281	11-4281	WHP	40.07999671	76.26867891	30	606,11-4281,WHP,40.079996712,76.268678905,30,
89.7	85.1485	-4.5515	40.00529	77.1116	607	11	607	4806	11-4806	WHP	40.00538394	77.11130249	30	607,11-4806,WHP,40.005383936,77.111302485,30,
81.9	65.6479	-16.2521	40.02615	76.32769	608	11	608	6156	11-6156	WHP	40.02624798	76.32737195	30	608,11-6156,WHP,40.026247984,76.327371947,30,
49.4	51.7607	2.3607	40.03389	76.30969	609	11	609	6381	11-6381	WHP	40.03398783	76.30937125	30	609,11-6381,WHP,40.033987829,76.309371245,30,
67.9	87.294	19.394	40.08738	76.72442	610	11	610	7206	11-7206	WHP	40.08747506	76.72410981	30	610,11-7206,WHP,40.087475061,76.724109812,30,
82.7	101.2324	18.5324	39.03579	76.59884	611	12	611	6	6	WJZ	39.03590043	76.59852688	30	611,6,WJZ,39.035900425,76.598526877,30,
48.7	62.2939	13.5939	39.98596	77.23456	612	12	612	81	12-81	WJZ	39.98605272	77.23426511	30	612,12-81,WJZ,39.986052724,77.234265107,30,
72.6	81.5774	8.9774	39.01931	76.58086	613	12	613	156	156	WJZ	39.01942076	76.58054622	30	613,156,WJZ,39.019420758,76.580546223,30,
68.2	76.645	8.445	38.78158	76.08213	614	12	614	231	12-231	WJZ	38.7816958	76.0817941	30	614,12-231,WJZ,38.781695797,76.081794097,30,
56.7	63.7353	7.0353	39.00639	77.40599	615	12	615	306	306	WJZ	39.0064993	77.40569935	30	615,306,WJZ,39.006499303,77.405699346,30,
113.5	109.8294	-3.6706	39.36716	76.70661	616	12	616	381	381	WJZ	39.36726626	76.70630412	30	616,381,WJZ,39.367266261,76.706304116,30,
83.5	104.9178	21.4178	39.16642	76.53166	617	12	617	456	12-456	WJZ	39.16652885	76.53134522	30	617,12-456,WJZ,39.166528852,76.531345219,30,
60.5	61.2552	0.7552	40.05884	76.98879	618	12	618	531	531	WJZ	40.05893409	76.98848932	30	618,531,WJZ,40.058934086,76.988489319,30,
72.1	87.1589	15.0589	38.94309	77.07801	619	12	619	606	606	WJZ	38.94320091	77.07771004	30	619,606,WJZ,38.943200905,77.077710041,30,
100.2	105.9592	5.7592	39.40251	76.46026	620	12	620	681	681	WJZ	39.40261733	76.45994489	30	620,681,WJZ,39.402617327,76.45994489,30,
53.9	71.2276	17.3276	39.76027	76.22839	621	12	621	756	756	WJZ	39.76037461	76.22806752	30	621,756,WJZ,39.760374608,76.228067518,30,
77.9	65.9399	-11.9601	39.447	75.62342	622	12	622	831	831	WJZ	39.44711186	75.62307015	30	622,831,WJZ,39.447111864,75.623070145,30,
62.9	93.4651	30.5651	39.7438	76.68301	623	12	623	906	906	WJZ	39.7439033	76.68270351	30	623,906,WJZ,39.743903296,76.682703512,30,
46.1	57.4718	11.3718	39.11519	77.55279	624	12	624	981	12-981	WJZ	39.11529598	77.55250235	30	624,12-981,WJZ,39.115295976,77.55250235,30,
48.2	84.2843	36.0843	38.91922	77.07415	625	12	625	1056	12-1056	WJZ	38.91933133	77.07384997	30	625,12-1056,WJZ,38.919331327,77.07384997,30,
53.6	59.8913	6.2913	38.70123	77.21947	626	12	626	1131	12-1131	WJZ	38.70134543	77.21917445	30	626,12-1131,WJZ,38.701345429,77.219174454,30,
64.1	77.9774	13.8774	39.55157	77.22676	627	12	627	1206	1206	WJZ	39.55167062	77.2264649	30	627,1206,WJZ,39.551670623,77.226464897,30,
68.6	59.9726	-8.6274	39.77444	77.17279	628	12	628	1281	1281	WJZ	39.77453797	77.17249622	30	628,1281,WJZ,39.774537973,77.17249622,30,
47.6	60.3086	12.7086	39.0876	77.40824	629	12	629	1356	12-1356	WJZ	39.08770735	77.40794901	30	629,12-1356,WJZ,39.087707352,77.407949009,30,
39	62.0463	23.0463	39.00914	77.38456	630	12	630	1431	12-1431	WJZ	39.00924928	77.38426849	30	630,12-1431,WJZ,39.009249283,77.384268486,30,
51.6	59.6247	8.0247	38.87325	77.17612	631	12	631	1506	12-1506	WJZ	38.87336196	77.17582267	30	631,12-1506,WJZ,38.873361958,77.175822667,30,
56.2	82.1444	25.9444	39.03484	77.12521	632	12	632	1581	1581	WJZ	39.03494925	77.12491114	30	632,1581,WJZ,39.034949251,77.124911143,30,
76.9	102.9523	26.0523	39.22564	76.8962	633	12	633	1656	1656	WJZ	39.22574636	76.89589731	30	633,1656,WJZ,39.225746363,76.895897309,30,
43.9	60.8082	16.9082	38.92983	77.04488	634	12	634	1731	12-1731	WJZ	38.92994118	77.04457931	30	634,12-1731,WJZ,38.929941184,77.044579307,30,
112.3	110.6516	-1.6484	39.3398	76.74878	635	12	635	1806	1806	WJZ	39.33990617	76.74847547	30	635,1806,WJZ,39.339906171,76.748475472,30,
55	77.3446	22.3446	39.04285	77.09194	636	12	636	1881	12-1881	WJZ	39.04295915	77.09164057	30	636,12-1881,WJZ,39.042959145,77.091640573,30,
113.6	106.236	-7.364	39.2605	76.46484	638	12	638	2031	2031	WJZ	39.26060787	76.46452331	30	638,2031,WJZ,39.260607872,76.464523313,30,
33.4	63.1657	29.7657	38.91	77.25482	639	12	639	2106	12-2106	WJZ	38.91011123	77.25452432	30	639,12-2106,WJZ,38.910111229,77.254524319,30,
58.5	65.4442	6.9442	38.63078	77.0845	640	12	640	2181	2181	WJZ	38.6308978	77.08419956	30	640,2181,WJZ,38.630897795,77.08419956,30,
78.4	85.437	7.037	39.04482	76.98061	641	12	641	2256	2256	WJZ	39.04492923	76.98030826	30	641,2256,WJZ,39.044929228,76.980308261,30,
59.5	63.6474	4.1474	38.59968	76.928	642	12	642	2331	2331	WJZ	38.59979134	76.92769461	30	642,2331,WJZ,38.599799138,76.927694611,30,
62.4	76.645	14.245	38.78158	76.08213	643	12	643	2406	2406	WJZ	38.7816958	76.0817941	30	643,2406,WJZ,38.781695797,76.081794097,30,
36.7	0	-36.7	38.91379	77.0906	644	12	644	2481	12-2481	WJZ	38.9139014	77.09030036	30	644,12-2481,WJZ,38.913901397,77.090300359,30,
103.1	107.7655	4.6655	39.30376	76.48582	645	12	645	2556	2556	WJZ	39.3038676	76.48550449	30	645,2556,WJZ,39.303867603,76.485504489,30,
42.9	0	-42.9	39.30252	77.54623	646	12	646	2631	12-2631	WJZ	39.30262192	77.5459403	30	646,12-2631,WJZ,39.302621917,77.545940302,30,
70.1	67.7798	-2.3202	39.65062	75.84388	647	12	647	2706	2706	WJZ	39.65073175	75.84354133	30	647,2706,WJZ,39.650731751,75.843541329,30,
70.7	95.4026	24.7026	39.0109	76.87566	648	12	648	2781	12-2781	WJZ	39.01100991	76.87535499	30	648,12-2781,WJZ,39.011009912,76.875354991,30,
67.9	63.5753	-4.3247	38.68181	77.27501	649	12	649	2856	2856	WJZ	38.68192616	77.27471568	30	649,2856,WJZ,38.681926157,77.274715681,30,
57.7	70.1136	12.4136	38.72997	77.25396	650	12	650	2931	2931	WJZ	38.73008453	77.25366592	30	650,2931,WJZ,38.730084525,77.253665923,30,
65.7	89.9975	24.2975	38.94523	76.55497	651	12	651	3006	3006	WJZ	38.94534251	76.55465411	30	651,3006,WJZ,38.945342506,76.554654107,30,

77.4	82.9277	5.5277			38.89449	76.05934	652	12	652	3081	3081	WJZ	38.8946039	76.05900462	30	652,3081,WJZ,38.894603903,76.059004624,30,
100.2	109.0263	8.8263			39.43463	76.70524	653	12	653	3156	3156	WJZ	39.43473599	76.70493493	30	653,3156,WJZ,39.434735986,76.704934925,30,
77	74.0733	-2.9267			39.5956	75.93463	654	12	654	3231	3231	WJZ	39.59571329	75.93429569	30	654,3231,WJZ,39.595713291,75.934295688,30,
72.1	87.1589	15.0589			38.94309	77.07801	655	12	655	3306	3306	WJZ	38.94320091	77.07771004	30	655,3306,WJZ,38.943200905,77.077710041,30,
85.6	85.7231	0.1231			38.78285	77.08697	656	12	656	3381	3381	WJZ	38.78296368	77.08667045	30	656,3381,WJZ,38.78296368,77.086670451,30,
99.8	105.9339	6.1339			39.28536	76.44266	657	12	657	3456	3456	WJZ	39.28546787	76.44234294	30	657,3456,WJZ,39.285467865,76.442342942,30,
27.9	0	-27.9			39.96047	76.74617	658	12	658	3531	12-3531	WJZ	39.96056837	76.7458596	30	658,12-3531,WJZ,39.960568374,76.745859598,30,
45.7	68.7885	23.0885			38.8321	77.00695	659	12	659	3606	12-3606	WJZ	38.83221297	77.00664807	30	659,12-3606,WJZ,38.832212297,77.006648066,30,
113.7	109.8344	-3.8656			39.36993	76.70377	660	12	660	3681	3681	WJZ	39.37003626	76.70346404	30	660,3681,WJZ,39.370036263,76.703464036,30,
69	66.9142	-2.0858			39.97883	77.16995	661	12	661	3756	3756	WJZ	39.97892373	77.16965391	30	661,3756,WJZ,39.978923733,77.169653911,30,
55.2	83.1166	27.9166			38.9145	77.15356	662	12	662	3831	12-3831	WJZ	38.91461129	77.15326184	30	662,12-3831,WJZ,38.914611291,77.153261836,30,
67.3	0	-67.3			39.7629	75.78198	663	12	663	3906	3906	WJZ	39.76301083	75.78163959	30	663,3906,WJZ,39.763010834,75.781639587,30,
97.3	103.9136	6.6136			39.11754	76.63268	664	12	664	3981	3981	WJZ	39.11764906	76.63236857	30	664,3981,WJZ,39.117649058,76.632368574,30,
56.3	63.8094	7.5094			39.00336	77.42244	665	12	665	4056	4056	WJZ	39.00346935	77.42215002	30	665,4056,WJZ,39.003469345,77.422150021,30,
102.1	110.7941	8.6941			39.27593	76.61088	666	12	666	4131	4131	WJZ	39.27603712	76.61056906	30	666,4131,WJZ,39.276037117,76.610569061,30,
70.5	102.1768	31.6768			39.11359	76.57223	667	12	667	4206	4206	WJZ	39.11369942	76.57191645	30	667,4206,WJZ,39.113699421,76.571916447,30,
51.1	0	-51.1			40.0799	76.269	668	12	668	4281	12-4281	WJZ	40.07999671	76.26867891	30	668,12-4281,WJZ,40.079996712,76.268678905,30,
46.4	58.4288	12.0288			38.8525	77.41694	669	12	669	4356	12-4356	WJZ	38.85261277	77.41664981	30	669,12-4356,WJZ,38.852612773,77.416649813,30,
45.8	65.5402	19.7402			38.81507	77.24969	670	12	670	4431	12-4431	WJZ	38.81518281	77.24939531	30	670,12-4431,WJZ,38.815182805,77.249395306,30,
84.2	66.8846	-17.3154			39.45373	77.14109	671	12	671	4506	4506	WJZ	39.45383215	77.14079399	30	671,4506,WJZ,39.453832151,77.140793992,30,
57.2	64.8919	7.6919			38.95855	77.2893	672	12	672	4581	4581	WJZ	38.9586604	77.28900504	30	672,4581,WJZ,38.958660404,77.289005035,30,
97.3	100.6409	3.3409			39.09589	76.62331	673	12	673	4656	4656	WJZ	39.09599942	76.62299809	30	673,4656,WJZ,39.095999422,76.622998087,30,
43.1	68.5071	25.4071			39.03431	77.06625	674	12	674	4731	12-4731	WJZ	39.03441932	77.06595002	30	674,12-4731,WJZ,39.034419322,77.06595002,30,
55.5	0	-55.5			40.00529	77.1116	675	12	675	4806	12-4806	WJZ	40.00538394	77.11130249	30	675,12-4806,WJZ,40.005383936,77.111302485,30,
72.4	85.5235	13.1235			39.14929	77.1769	676	12	676	4881	4881	WJZ	39.14939721	77.17660334	30	676,4881,WJZ,39.149397209,77.176603335,30,
78.6	99.0343	20.4343			39.20409	76.9216	677	12	677	4956	4956	WJZ	39.20419663	76.92129772	30	677,4956,WJZ,39.204196632,76.92129772,30,
68.7	0	-68.7			39.90028	77.99904	678	12	678	5031	5031	WJZ	39.90037761	76.99874166	30	678,5031,WJZ,39.900377605,76.998741664,30,
51.7	69.899	18.199			38.73788	75.95654	679	12	679	5106	5106	WJZ	38.73799509	75.95619953	30	679,5106,WJZ,38.737995094,75.956199526,30,
79.1	92.2546	13.1546			38.99959	76.8769	680	12	680	5181	5181	WJZ	38.9997001	76.87659493	30	680,5181,WJZ,38.999700005,76.876594932,30,
84	82.584	-1.416			38.84376	76.79863	681	12	681	5256	5256	WJZ	38.8438733	76.79832227	30	681,5256,WJZ,38.843873295,76.798322273,30,
72.6	93.4651	20.8651			39.7438	76.68301	682	12	682	5331	5331	WJZ	39.7439033	76.68270351	30	682,5331,WJZ,39.743903296,76.682703512,30,
72.1	87.1589	15.0589			38.94309	77.07801	683	12	683	5406	5406	WJZ	38.94320091	77.07771004	30	683,5406,WJZ,38.943200905,77.077710041,30,
72.1	87.1589	15.0589			38.94309	77.07801	684	12	684	5481	5481	WJZ	38.94320091	77.07771004	30	684,5481,WJZ,38.943200905,77.077710041,30,
98.8	108.9784	10.1784			39.28785	76.67569	685	12	685	5556	5556	WJZ	39.28795675	76.67538185	30	685,5556,WJZ,39.287956745,76.675381845,30,
70.9	71.1998	0.2998			39.25659	75.68725	686	12	686	5631	5631	WJZ	39.25670119	75.68690241	30	686,5631,WJZ,39.256701188,75.686902412,30,
72.1	87.1589	15.0589			38.94309	77.07801	687	12	687	5706	5706	WJZ	38.94320091	77.07771004	30	687,5706,WJZ,38.943200905,77.077710041,30,
84.4	99.7541	15.3541			39.10149	76.50916	688	12	688	5781	5781	WJZ	39.10159992	76.50884423	30	688,5781,WJZ,39.101599918,76.50884423,30,
55.2	86.7547	31.5547			39.49147	76.73849	689	12	689	5856	12-5856	WJZ	39.4915756	76.73818699	30	689,12-5856,WJZ,39.491575596,76.738186988,30,
59	79.5672	20.5672			39.05497	77.16199	690	12	690	5931	5931	WJZ	39.05507886	77.16169204	30	690,5931,WJZ,39.055078863,77.161692044,30,
39.7	73.2144	33.5144			38.9019	76.99635	691	12	691	6006	12-6006	WJZ	38.90201175	76.99604807	30	691,12-6006,WJZ,38.902011751,76.99604807,30,
45	80.1115	35.1115			38.98463	77.0977	692	12	692	6081	12-6081	WJZ	38.98474016	77.09740038	30	692,12-6081,WJZ,38.984740158,77.09740038,30,
42.8	63.6002	20.8002			40.02615	76.32769	693	12	693	6156	12-6156	WJZ	40.02624798	76.32737195	30	693,12-6156,WJZ,40.026247984,76.327371947,30,
50.9	56.8639	5.9639			38.73904	77.32486	694	12	694	6231	6231	WJZ	38.73915477	77.32456759	30	694,6231,WJZ,38.739154771,77.324567592,30,
60.1	0	-60.1			39.72498	77.57422	695	12	695	6306	6306	WJZ	39.72507448	77.57393333	30	695,6306,WJZ,39.725074476,77.573933331,30,
27	0	-27			40.03389	76.30969	696	12	696	6381	12-6381	WJZ	40.03398783	76.30937125	30	696,12-6381,WJZ,40.033987829,76.309371245,30,
69.3	77.41	8.11			38.8517	77.09178	697	12	697	6456	6456	WJZ	38.8528241	77.09148049	30	697,6456,WJZ,38.855282414,77.091480485,30,
92.8	105.6228	12.8228			39.178	76.75257	698	12	698	6531	6531	WJZ	39.17810758	76.75226351	30	698,6531,WJZ,39.178107576,76.752263508,30,
64.1	77.8072	13.7072			39.19069	77.2262	699	12	699	6606	6606	WJZ	39.19079646	77.22590498	30	699,6606,WJZ,39.190796455,77.225904975,30,
90.3	103.9774	13.6774			39.49074	76.46387	701	12	701	6756	12-6756	WJZ	39.49084695	76.46355609	30	701,12-6756,WJZ,39.490846951,76.463556086,30,
72.1	87.1589	15.0589			38.94309	77.07801	702	12	702	6831	6831	WJZ	38.94320091	77.07771004	30	702,6831,WJZ,38.943200905,77.077710041,30,
57	60.9165	3.9165			38.80154	77.23238	703	12	703	6906	6906	WJZ	38.80165307	77.23208494	30	703,6906,WJZ,38.801653065,77.232084935,30,
74.7	78.5627	3.8627			38.87269	75.99804	704	12	704	6981	6981	WJZ	38.87280389	75.9977016	30	704,6981,WJZ,38.872803892,75.997701598,30,
72.2	85.5153	13.3153			38.88661	76.49178	705	12	705	7056	7056	WJZ	38.88672435	76.49146024	30	705,7056,WJZ,38.886724346,76.491460238,30,
57.7	68.2899	10.5899			39.3298	77.28766	706	12	706	7131	7131	WJZ	39.3299038	77.28736621	30	706,7131,WJZ,39.329903801,77.287366206,30,
30.1	0	-30.1			40.08738	76.72442	707	12	707	7206	12-7206	WJZ	40.08747506	76.72410981	30	707,12-7206,WJZ,40.087475061,76.724109812,30,
111.3	110.3878	-0.9122			39.40188	76.71332	708	12	708	7281	7281	WJZ	39.40198608	76.71301483	30	708,7281,WJZ,39.401986084,76.713014831,30,
68.7	93.9438	25.2438			38.89749	76.61901	709	12	709	7356	7356	WJZ	38.89760322	76.61869564	30	709,7356,WJZ,38.89760322,76.618695641,30,
64.9	0	-64.9			38.61748	77.0972	710	12	710	7431	7431	WJZ	38.61759817	77.09689984	30	710,7431,WJZ,38.617598168,77.096899837,30,
69.3	93.8515	24.5515			39.14854	76.94314	711	12	711	7506	7506	WJZ	39.14864751	76.94283786	30	711,7506,WJZ,39.148647508,76.94283786,30,
68.1	71.4209	3.3209			39.62868	77.39308	712	12	712	7581	7581	WJZ	39.62877827	77.39278873	30	712,7581,WJZ,39.62877827,77.392788729,30,
61.3	84.6109	23.3109			39.027	77.00408	713	12	713	7656	7656	WJZ	39.02710952	77.00377881	30	713,7656,WJZ,39.027109516,77.003778807,30,
77.1	71.733	-5.367			39.78605	76.94185	714	12	714	7731	7731	WJZ	39.78615047	76.94155133	30	714,7731,WJZ,39.786150465,76.941551325,30,
47.6	64.8246	17.2246			38.82811	77.23952	715	12	715	7806	12-7806	WJZ	38.82822261	77.23922485	30	715,12-7806,WJZ,38.828222607,77.23922485,30,
61.2	79.2131	18.0131			39.02151	77.10499	716	12	716	7881	7881	WJZ	39.02161951	77.10469065	30	716,7881,WJZ,39.021619506,77.104690651,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	717	13	717	10	10	WPGH	40.49566871	80.05626728	30	717,10,WPGH,40.495668713,80.056267277,30,
69	77.3508	8.3508	8.3508	#REF!	40.5908	79.54184	718	13	718	39	13-39	WPGH	40.59086552	79.54160615	30	718,13-39,WPGH,40.590865518,79.541606145,30,
60	0	-60	-60	#REF!	40.35546	79.88444	719	13	719	68	13-68	WPGH	40.35552942	79.88421126	30	719,13-68,WPGH,40.35552942,79.884211264,30,
90.1	118.3303	28.2303	28.2303	#REF!	40.44107	79.92661	720	13	720	97	97	WPGH	40.44113899	79.9263833	30	720,97,WPGH,40.441138985,79.926383297,30,
72.9	117.6643	44.7643	44.7643	#REF!	40.38896	80.03837	721	13	721	126	126	WPGH	40.38902936	80.03814598	30	721,126,WPGH,40.389029355,80.038145983,30,
54.2	68.2365	14.0365	14.0365	#REF!	40.21893	80.29592	722	13	722	155	155	WPGH	40.21900086	80.29570366	30	722,155,WPGH,40.219000857,80.295703661,30,
71.5	117.2107	45.7107	45.7107	#REF!	40.44759	80.06719	723	13	723	184	184	WPGH	40.44765895	80.0669672	30	723,184,WPGH,40.447658948,80.066967204,30,
26.5	0	-26.5	-26.5	#REF!	40.58724	80.93719	724	13	724	213	213	WPGH	40.58730245	80.9370012	30	724,213,WPGH,40.587302446,80.937001196,30,
52.8	68.392	15.592	15.592	#REF!	40.36313	80.72794	725	13	725	242	242	WPGH	40.36319798	80.72774185	30	725,242,WPGH,40.363197979,80.727741852,30,
71.5	111.8449	40.3449	40.3449	#REF!	40.38539	80.06885	726	13	726	271	13-271	WPGH	40.38545932	80.06862681	30	726,13-271,WPGH,40.385459316,80.068626811,30,
92.8	118.0657	25.2657	25.2657	#REF!	40.52391	79.88001	727	13	727	300	300	WPGH	40.52397813	79.87978306	30	727,300,WPGH,40.523978129,79.879783059,30,
74.4	117.0252	42.6252	42.6252	#REF!	40.44476	79.94867	728	13	728	329	329	WPGH	40.44482903	79.94844396	30	728,329,WPGH,40.444829034,79.948443957,30,
30.9	0	-30.9	-30.9	#REF!	40.06648	80.73506	729	13	729	358	358	WPGH	40.06655256	80.73486462	30	729,358,WPGH,40.06655256,80.734864622,30,
72.2	66.7148	-5.4852	-5.4852	#REF!	40.18916	80.25599	730	13	730	387	387	WPGH	40.18923103	80.25577262	30	730,387,WPGH,40.189231025,80.255772623,30,
60.5	0	-60.5	-60.5	#REF!	40.02056	79.88862	731	13	731	416	13-416	WPGH	40.02063431	79.88838921	30	731,13-416,WPGH,40.020634313,79.888389205,30,
57.1	107.8493	50.7493	50.7493	#REF!	40.77304	80.37471	732	13	732	445	445	WPGH	40.77310442	80.37449646	30	732,445,WPGH,40.773104419,80.374496458,30,
112.5	118.3272	5.8272	5.8272	#REF!	40.53564	79.91348	733	13	733	474	474	WPGH	40.53570811	79.91325428	30	733,474,WPGH,40.535708114,79.913254284,30,
104.5	125.8796	21.3796	21.3796	#REF!	40.50253	80.06882	734	13	734	503	13-503	WPGH	40.5025986	80.06859767	30	734,13-503,WPGH,40.502598597,80.068597666,30,
63.2	108.525	45.325	45.325	#REF!	40.29507	80.0958	735	13	735	532	13-532	WPGH	40.29513987	80.095577	30	735,13-532,WPGH,40.295139873,80.095577004,30,
84	80.6607	-3.3393	-3.3393	#REF!	40.57657	80.03032	736	13	736	561	561	WPGH	40.57663783	80.03009842	30	736,561,WPGH,40.576637832,80.030098415,30,
49.8	72.2473	22.4473	22.4473	#REF!	40.27971	80.54557	737	13	737	590	13-590	WPGH	40.27977956	80.54533198	30	737,13-590,WPGH,40.279779557,79.545331977,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	738	13	738	619	619	WPGH	40.49566871	80.05626728	30	738,619,WPGH,40.495668713,80.056267277,30,
70.6	0	-70.6	-70.6	#REF!	40.42723	79.69843	739	13	739	648	648	WPGH	40.42729826	79.69819716	30	739,648,WPGH,40.427298256,79.698197159,30,
88.6	95.9012	7.3012	7.3012	#REF!	40.36347	80.06256	740	13	740	677	677	WPGH	40.36353946	80.06233648	30	740,677,WPGH,40.363539456,80.062336476,30,
71.4	78.8089	7.4089	7.4089	#REF!	40.40113	80.55231	741	13	741	706	706	WPGH	40.40119818	80.55210276	30	741,706,WPGH,40.40119818,80.552102761,30,
59.4	80.5019	21.1019	21.1019	#REF!	40.33308	79.30052	742	13	742	735	13-735	WPGH	40.33315001	79.30027733	30	742,13-735,WPGH,40.33315001,79.300277331,30,
47	0	-47	-47	#REF!	40.62053	80.60126	743	13	743	764	764	WPGH	40.62059425	80.60105387	30	743,764,WPGH,40.62059425,80.601053869,30,
64	0	-64	-64	#REF!	40.17368	79.86285	744	13	744	793	793	WPGH	40.17375159	79.86261907	30	744,793,WPGH,40.173751591,79.862619069,30,
59.4	82.823	23.423	23.423	#REF!	40.32781	79.61994	745	13	745	822	13-822	WPGH	40.32787908	79.61970431	30	745,13-822,WPGH,40.327879076,79.619704305,30,
49.1	76.6385	27.5385	27.5385	#REF!	40.38143	80.73	746	13	746	851	851	WPGH	40.3814976	80.72980176	30	746,851,WPGH,40.381497604,80.729801762,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	747	13	747	880	880	WPGH	40.49566871	80.05626728	30	747,880,WPGH,40.495668713,80.056267277,30,
52.1	0	-52.1	-52.1	#REF!	40.58491	79.56085	748	13	748	909	13-909	WPGH	40.58497568	79.56061648	30	748,13-909,WPGH,40.584975676,79.560616479,30,
47	86.261	39.261	39.261	#REF!	40.37324	80.0637	749	13	749	938	13-938	WPGH	40.3733094	80.06347658	30	749,13-938,WPGH,40.373309397,80.063476579,30,
41.5	0	-41.5	-41.5	#REF!	40.2044	80.55544	750	13	750	967	967	WPGH	40.20447147	80.55523391	30	750,967,WPGH,40.204471468,80.555233909,30,
58	0	-58	-58	#REF!	40.89494	80.10682	751	13	751	996	996	WPGH	40.89500383	80.10660169	30	751,996,WPGH,40.895003833,80.10660169,30,
81.7	118.1937	36.4937	36.4937	#REF!	40.45447	79.92	752	13	752	1025	1025	WPGH	40.45453889	79.91977324	30	752,1025,WPGH,40.454538886,79.919773237,30,
78.1	105.7868	27.6868	27.6868	#REF!	40.35313	80.47611	753	13	753	1054	1054	WPGH	40.35319926	80.47589955	30	753,1054,WPGH,40.353199256,80.475899545,30,
93.5	116.9092	23.4092	23.4092	#REF!	40.61088	79.94034	754	13	754	1083	1083	WPGH	40.61094721	79.94011682	30	754,1083,WPGH,40.610947214,79.940116815,30,
60.1	73.7021	13.6021	13.6021	#REF!	40.17577	80.25071	755	13	755	1112	13-1112	WPGH	40.17584113	80.25049261	30	755,13-1112,WPGH,40.17584113,80.250492612,30,
67.7	86.7796	19.0796	19.0796	#REF!	40.70256	80.09195	756	13	756	1170	1170	WPGH	40.70262625	80.09173187	30	756,1170,WPGH,40.702626253,80.091731871,30,
85.5	116.9657	31.4657	31.4657	#REF!	40.4298	79.86604	757	13	757	1199	13-1199	WPGH	40.42986888	79.86581147	30	757,13-1199,WPGH,40.429868876,79.865811467,30,
53.4	0	-53.4	-53.4	#REF!	40.2744	80.57401	758	13	758	1228	1228	WPGH	40.27447028	80.5738046	30	758,1228,WPGH,40.274470278,80.5738046,30,
61	93.0936	32.0936	32.0936	#REF!	40.44808	79.95146	759	13	759	1257	13-1257	WPGH	40.44814903	79.95123407	30	759,13-1257,WPGH,40.448149026,79.951234067,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	760	13	760	1286	1286	WPGH	40.49566871	80.05626728	30	760,1286,WPGH,40.495668713,80.056267277,30,
58.4	0	-58.4	-58.4	#REF!	40.35757	80.67259	761	13	761	1315	1315	WPGH	40.35763835	80.6723891	30	761,1315,WPGH,40.357638353,80.672389101,30,
75.8	105.0741	29.2741	29.2741	#REF!	40.23403	80.07292	762	13	762	1344	1344	WPGH	40.23410035	80.07269608	30	762,1344,WPGH,40.234100351,80.072696082,30,
66.8	77.0676	10.2676	10.2676	#REF!	40.75193	80.32205	763	13	763	1373	1373	WPGH	40.75199529	80.3218352	30	763,1373,WPGH,40.751995285,80.321835197,30,
77	69.1966	-7.8034	-7.8034	#REF!	40.60308	80.29577	764	13	764	1402	1402	WPGH	40.60314675	80.29555397	30	764,1402,WPGH,40.60314675,80.295553969,30,
57.8	0	-57.8	-57.8	#REF!	40.6137	79.18242	765	13	765	1431	13-1431	WPGH	40.61376625	79.18217782	30	765,13-1431,WPGH,40.613766251,79.182177822,30,
28.5	0	-28.5	-28.5	#REF!	40.90257	79.89358	766	13	766	1460	13-1460	WPGH	40.90263404	79.8933567	30	766,13-1460,WPGH,40.902634039,79.893356704,30,
73.4	104.7785	31.3785	31.3785	#REF!	40.31788	79.61201	767	13	767	1489	1489	WPGH	40.31794918	79.611774	30	767,1489,WPGH,40.317949182,79.611773998,30,
30.3	0	-30.3	-30.3	#REF!	40.05122	80.65925	768	13	768	1518	1518	WPGH	40.05129321	80.65905039	30	768,1518,WPGH,40.051293212,80.659050389,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	769	13	769	1547	1547	WPGH	40.49566871	80.05626728	30	769,1547,WPGH,40.495668713,80.056267277,30,
78.3	113.9228	35.6228	35.6228	#REF!	40.43963	80.07766	770	13	770	1576	1576	WPGH	40.43969896	80.07743743	30	770,1576,WPGH,40.439698961,80.077437426,30,
71	91.5573	20.5573	20.5573	#REF!	40.95634	80.47011	771	13	771	1605	1605	WPGH	40.95640089	80.46989987	30	771,1605,WPGH,40.956400893,80.46989987,30,
79.8	0	-79.8	-79.8	#REF!	40.98185	80.3507	772	13	772	1634	1634	WPGH	40.98191111	80.35048689	30	772,1634,WPGH,40.981911106,80.350486892,30,
91.5	126.1088	34.6088	34.6088	#REF!	40.46453	79.9569	773	13	773	1663	1663	WPGH	40.46459896	79.95667437	30	773,1663,WPGH,40.46459896,79.956674374,30,
90.1	116.9976	26.8976	26.8976	#REF!	40.61313	80.05482	774	13	774	1692	1692	WPGH	40.61319732	80.05459965	30	774,1692,WPGH,40.613197318,80.054599647,30,
73.4	74.0512	0.6512	0.6512	#REF!	40.29234	79.98669	775	13	775	1721	1721	WPGH	40.29240984	79.98646365	30	775,1721,WPGH,40.292409837,79.986463648,30,
72.8	108.4657	35.6657	35.6657	#REF!	40.70312	80.40397	776	13	776	1750	1750	WPGH	40.70318501	80.40375695	30	776,1750,WPGH,40.70318501,80.403756954,30,
111.4	126.6973	15.2973	15.2973	#REF!	40.46536	79.96141	777	13	777	1779	1779	WPGH	40.46542897	79.96118451	30	777,1779,WPGH,40.465428972,79.961184509,30,
83	117.9467	34.9467	34.9467	#REF!	40.42307	79.99316	778	13	778	1808	1808	WPGH	40.42313927	79.99293502	30	778,1808,WPGH,40.42313927,79.992935021,30,
104.5	129.3813	24.8813	24.8813	#REF!	40.48897	80.0473	779	13	779	1837	1837	WPGH	40.48903879	80.047077	30	779,1837,WPGH,40.489038793,80.047076997,30,
59.1	124.8094	65.7094	65.7094	#REF!	40.4661	80.06707	780	13	780	1866	13-1866	WPGH	40.46616884	80.06684733	30	780,13-1866,WPGH,40.466168838,80.066847332,30,
55.6	113.4147	57.8147	57.8147	#REF!	40.44233	80.26292	781	13	781	1895	1895	WPGH	40.44239833	80.26270242	30	781,1895,WPGH,40.442398328,80.262702418,30,
74.9	79.6516	4.7516	4.7516	#REF!	40.43026	80.06417	782	13	782	1924	1924	WPGH	40.43032906	80.063947	30	782,1924,WPGH,40.430329061,80.063947001,30,

71.2	71.1747	-0.0253	-0.0253	#REF!	40.26341	80.20136	783	13	783	1953	1953	WPGH	40.26348023	80.20114014	30	783,1953,WPGH,40.263480226,80.201140141,30,
46.4	66.5057	20.1057	20.1057	#REF!	40.60877	80.88102	784	13	784	1982	1982	WPGH	40.60883232	80.88082784	30	784,1982,WPGH,40.608832315,80.880827843,30,
44	83.0297	39.0297	39.0297	#REF!	40.36337	80.0532	785	13	785	2011	13-2011	WPGH	40.36343947	80.05297621	30	785,13-2011,WPGH,40.363439469,80.052976207,30,
52.7	68.0121	15.3121	15.3121	#REF!	40.51183	80.50741	786	13	786	2040	2040	WPGH	40.51189664	80.5072001	30	786,2040,WPGH,40.511896638,80.5072001,30,
87.8	113.7019	25.9019	25.9019	#REF!	40.35453	80.08112	787	13	787	2069	2069	WPGH	40.35459949	80.08089695	30	787,2069,WPGH,40.354599489,80.08089695,30,
91.8	117.1068	25.3068	25.3068	#REF!	40.44527	79.85957	788	13	788	2098	2098	WPGH	40.44533875	79.85934144	30	788,2098,WPGH,40.445338747,79.859341437,30,
90.4	111.1606	20.7606	20.7606	#REF!	40.38184	80.05679	789	13	789	2127	2127	WPGH	40.38190936	80.05656645	30	789,2127,WPGH,40.381909359,80.056566446,30,
55.6	0	-55.6	-55.6	#REF!	40.16073	79.88503	790	13	790	2156	13-2156	WPGH	40.16080176	79.88479978	30	790,13-2156,WPGH,40.16080176,79.884799779,30,
102.5	129.7027	27.2027	27.2027	#REF!	40.52548	79.9928	791	13	791	2185	2185	WPGH	40.52554859	79.99257634	30	791,2185,WPGH,40.525548586,79.992576344,30,
56	0	-56	-56	#REF!	40.62734	79.60436	792	13	792	2214	13-2214	WPGH	40.62740555	79.60412786	30	792,13-2214,WPGH,40.627405546,79.604127855,30,
73.5	94.8341	21.3341	21.3341	#REF!	40.49707	79.89218	793	13	793	2243	2243	WPGH	40.49713852	79.89195287	30	793,2243,WPGH,40.497138517,79.891952865,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	794	13	794	2272	2272	WPGH	40.49566871	80.05626728	30	794,2272,WPGH,40.495668713,80.056267277,30,
91	124.8534	33.8534	33.8534	#REF!	40.48855	80.07707	795	13	795	2301	2301	WPGH	40.48861866	80.07684774	30	795,2301,WPGH,40.488618658,80.076847742,30,
109	118.2365	9.2365	9.2365	#REF!	40.48959	79.90349	796	13	796	2330	2330	WPGH	40.48965861	79.90326311	30	796,2330,WPGH,40.489658612,79.903263109,30,
85.9	80.9691	-4.9309	-4.9309	#REF!	40.33833	79.29306	797	13	797	2359	2359	WPGH	40.33839997	79.29281724	30	797,2359,WPGH,40.338399967,79.29281724,30,
69.1	78.8954	9.7954	9.7954	#REF!	40.85181	80.27203	798	13	798	2388	2388	WPGH	40.85187391	80.27181441	30	798,2388,WPGH,40.851873914,80.271814411,30,
62.2	0	-62.2	-62.2	#REF!	40.21267	79.77168	799	13	799	2417	13-2417	WPGH	40.21274103	79.77144639	30	799,13-2417,WPGH,40.212741029,79.77144639,30,
62.9	79.9268	17.0268	17.0268	#REF!	40.84936	80.26801	800	13	800	2446	2446	WPGH	40.84942399	80.26779431	30	800,2446,WPGH,40.849423991,80.267794307,30,
71	127.0453	56.0453	56.0453	#REF!	40.45541	80.02584	801	13	801	2475	2475	WPGH	40.45547906	80.02561618	30	801,2475,WPGH,40.455479056,80.025616181,30,
107.5	116.8147	9.3147	9.3147	#REF!	40.39196	79.90677	802	13	802	2504	2504	WPGH	40.39202923	79.90654226	30	802,2504,WPGH,40.392029225,79.906542261,30,
61	78.4488	17.4488	17.4488	#REF!	40.57714	79.76238	803	13	803	2533	2533	WPGH	40.57720695	79.76215059	30	803,2533,WPGH,40.577206948,79.76215059,30,
35.9	0	-35.9	-35.9	#REF!	40.08293	80.7131	804	13	804	2562	2562	WPGH	40.08300247	80.71290327	30	804,2562,WPGH,40.083002247,80.712903271,30,
57.1	79.5346	22.4346	22.4346	#REF!	40.76197	80.00724	805	13	805	2591	13-2591	WPGH	40.76203545	80.00702208	30	805,13-2591,WPGH,40.762035448,80.00702208,30,
111.6	117.7418	6.1418	6.1418	#REF!	40.42664	79.98254	806	13	806	2620	2620	WPGH	40.42670923	79.98231475	30	806,2620,WPGH,40.426709225,79.982314751,30,
35.5	0	-35.5	-35.5	#REF!	39.8755	79.97852	807	13	807	2649	13-2649	WPGH	39.87557621	79.97829794	30	807,13-2649,WPGH,39.875576209,79.978297935,30,
54.4	0	-54.4	-54.4	#REF!	40.13015	80.25353	808	13	808	2707	13-2707	WPGH	40.13022157	80.25331327	30	808,13-2707,WPGH,40.130221571,80.253313274,30,
73.6	70.9575	-2.6425	-2.6425	#REF!	41.07194	80.06133	809	13	809	2736	2736	WPGH	41.07200155	80.06111024	30	809,2736,WPGH,41.072001551,80.061110244,30,
71.1	115.7779	44.6779	44.6779	#REF!	40.63368	80.07802	810	13	810	2765	2765	WPGH	40.63374704	80.07780042	30	810,2765,WPGH,40.633747039,80.077800416,30,
38.5	0	-38.5	-38.5	#REF!	40.68532	80.60818	811	13	811	2794	2794	WPGH	40.68538315	80.60797382	30	811,2794,WPGH,40.685383153,80.607973818,30,
54.4	68.8195	14.4195	14.4195	#REF!	41.11904	79.93382	812	13	812	2823	2823	WPGH	41.1191013	79.93359735	30	812,2823,WPGH,41.119101295,79.933597348,30,
79.8	95.4484	15.6484	15.6484	#REF!	40.69013	80.12612	813	13	813	2852	2852	WPGH	40.6901964	80.12590199	30	813,2852,WPGH,40.690196402,80.125901993,30,
93.5	116.752	23.252	23.252	#REF!	40.62387	79.99475	814	13	814	2881	2881	WPGH	40.62393725	79.99452887	30	814,2881,WPGH,40.62393725,79.994528867,30,
61.5	0	-61.5	-61.5	#REF!	40.20163	79.92413	815	13	815	2910	13-2910	WPGH	40.20170092	79.92390129	30	815,13-2910,WPGH,40.201700916,79.92390129,30,
65.4	68.5883	3.1883	3.1883	#REF!	40.3745	80.71543	816	13	816	2939	2939	WPGH	40.37456782	80.7152311	30	816,2939,WPGH,40.374567816,80.715231103,30,
104.5	127.5896	23.0896	23.0896	#REF!	40.4956	80.05649	817	13	817	2968	2968	WPGH	40.49566871	80.05626728	30	817,2968,WPGH,40.495668713,80.056267277,30,
71.7	79.6563	7.9563	7.9563	#REF!	40.39607	79.83084	818	13	818	2997	2997	WPGH	40.39613904	79.83061013	30	818,2997,WPGH,40.396139036,79.830610125,30,
73.1	83.7621	10.6621	10.6621	#REF!	40.65433	80.08002	819	13	819	3026	3026	WPGH	40.6543968	80.07980084	30	819,3026,WPGH,40.654396799,80.07980084,30,
73.9	115.7352	41.8352	41.8352	#REF!	40.57783	80.16972	820	13	820	3055	3055	WPGH	40.57789743	80.16950107	30	820,3055,WPGH,40.577897428,80.169501067,30,
77.7	0	-77.7			36.6051	78.7619	821	14	821	1212	14-1212	WSET	36.60523992	78.7616282	30	821,14-1212,WSET,36.605239924,78.761628199,30,
65.5		-65.5	605.2298	#REF!	35.9112	78.9214	822	14	822	9402	14-9402	WSET	35.91134607	78.92113055	30	822,14-9402,WSET,35.911346066,78.921130553,30,
66.2	0	-66.2	5.819517	#REF!	34.14352	82.50323	823	16	823	295	16-295	WSPA	34.14363424	82.50308059	30	823,16-295,WSPA,34.143634235,82.503080588,30,
72.9	68.4533	-4.4467			35.33308	82.53486	824	16	824	1425	16-1425	WSPA	35.33319617	82.53470346	30	824,16-1425,WSPA,35.333196172,82.534703463,30,
67.9	67.07	-0.83			35.12359	82.34311	825	16	825	8770	16-8770	WSPA	35.1237055	82.34294901	30	825,16-8770,WSPA,35.123705498,82.342949005,30,
69.7	78.6715	8.9715			34.84959	82.40082	826	16	826	10352	16-10352	WSPA	34.84970766	82.40066418	30	826,16-10352,WSPA,34.849707661,82.400664179,30,
94.6	102.0971	7.4971			26.18006	80.28014	827	17	827	7	17-7	WSVN	26.18042213	80.27991153	30	827,17-7,WSVN,26.180422132,80.279911533,30,
97.4	105.6233	8.2233			26.13949	80.20245	828	17	828	15	17-15	WSVN	26.139853499	80.20221934	30	828,17-15,WSVN,26.139853499,80.20221934,30,
85.2	95.2331	10.0331			25.697	80.3992	829	17	829	23	17-23	WSVN	25.69738029	80.39897627	30	829,17-23,WSVN,25.697380289,80.3989762 74,30,
81	93.4054	12.4054			25.66105	80.38405	830	17	830	31	17-31	WSVN	25.66143151	80.38382608	30	830,17-31,WSVN,25.661431508,80.38382608,30,
81.6	106.3313	24.7313			25.80341	80.22595	831	17	831	39	17-39	WSVN	25.80378587	80.22572098	30	831,17-39,WSVN,25.803785866,80.225720975,30,
89.9	101.093	11.193			25.72956	80.25534	832	17	832	47	17-47	WSVN	25.72993854	80.25511232	30	832,17-47,WSVN,25.729938544,80.255112319,30,
86.4	109.6819	23.2819			25.87246	80.17083	833	17	833	55	17-55	WSVN	25.87283325	80.17059888	30	833,17-55,WSVN,25.872833245,80.170598875,30,
88.8	92.9954	4.1954			26.3105	80.2331	834	17	834	63	17-63	WSVN	26.31085719	80.23286984	30	834,17-63,WSVN,26.310857191,80.232869835,30,
86.3	96.942	10.642			26.24984	80.27572	835	17	835	71	17-71	WSVN	26.25019949	80.27549128	30	835,17-71,WSVN,26.250199488,80.275491281,30,
110.8	111.0484	0.2484			25.91864	80.26115	836	17	836	79	17-79	WSVN	25.91901182	80.2609217	30	836,17-79,WSVN,25.919011822,80.260921698,30,
101.6	111.0076	9.4076			26.01166	80.1698	837	17	837	87	17-87	WSVN	26.01202818	80.16956851	30	837,17-87,WSVN,26.012028179,80.16956851,30,
85.6	96.481	10.881			25.6996	80.3642	838	17	838	95	17-95	WSVN	25.69998004	80.36397536	30	838,17-95,WSVN,25.699980043,80.363975361,30,
90.1	103.5961	13.4961			26.16162	80.14617	839	17	839	103	17-103	WSVN	26.16198254	80.14593751	30	839,17-103,WSVN,26.161982543,80.145937511,30,
107.8	110.8941	3.0941			25.90005	80.16898	840	17	840	111	17-111	WSVN	25.90042224	80.16874875	30	840,17-111,WSVN,25.900422239,80.168748745,30,
96.3	105.8191	9.5191			26.13512	80.20262	841	17	841	119	17-119	WSVN	26.13548366	80.20238935	30	841,17-119,WSVN,26.135483664,80.202389353,30,
74.9	84.7594	9.8594			25.52064	80.39645	842	17	842	127	17-127	WSVN	25.52102661	80.39622711	30	842,17-127,WSVN,25.521026609,80.396227113,30,
103.3	107.6064	4.3064			26.09797	80.19415	843	17	843	135	17-135	WSVN	26.09833503	80.19391915	30	843,17-135,WSVN,26.098335032,80.193919146,30,
102	107.8789	5.8789			26.08126	80.15	844	17	844	143	17-143	WSVN	26.08162553	80.14976776	30	844,17-143,WSVN,26.081625531,80.149767761,30,
83.5	94.9874	11.4874			26.26326	80.0906	845	17	845	151	17-151	WSVN	26.26361869	80.09036558	30	845,17-151,WSVN,26.263618693,80.090365575,30,
95.1	104.0459	8.9459			26.16477	80.22251	846	17	846	159	17-159	WSVN	26.1651326	80.22227994	30	846,17-159,WSVN,26.165132597,80.222279935,30,
90.7	101.695	10.995			25.74391	80.2853	847	17	847	167	17-167	WSVN	25.74428817	80.285073	30	847,17-167,WSVN,25.744288168,80.285073,30,
99.4	107.4078	8.0078			25.82549	80.23055	848	17	848	175	17-175	WSVN	25.82586508	80.23032106	30	848,17-175,WSVN,25.825865084,80.230321063,30,
80.6	89.5529	8.9529			25.6185	80.4239	849	17	849	183	17-183	WSVN	25.61888324	80.42367727	30	849,17-183,WSVN,25.618883243,80.423677267,30,
77.3	107.6776	30.3776			25.88576	80.33348	850	17	850	191	17-191	WSVN	25.88613319	80.33325373	30	850,17-191,WSVN,25.886133185,80.333253734,30,
112.9	109.9428	-2.9572			26.01506	80.20855	851	17	851	199	17-199	WSVN	26.01542818	80.20831975	30	851,17-199,WSVN,26.015428181,80.20831975,30,
95.7	106.2544	10.5544			25.81992	80.12835	852	17	852	207	17-207	WSVN	25.82029506	80.12811753	30	852,17-207,WSVN,25.820295058,80.128117525,30,
93.2	102.7414	9.5414			26.17351	80.15094	853	17	853	215	17-215	WSVN	26.17387211	80.15070764	30	853,17-215,WSVN,26.173872113,80.150707644,30,
81.5	101.9205	20.4205			26.16735	80.10889	854	17	854	223	17-223	WSVN	26.16771225	80.10865632	30	854,17-223,WSVN,26.167712248,80.108656316,30,
73.3	91.5511	18.2511			25.62122	80.36216	855	17	855	231	17-231	WSVN	25.62160282	80.36193577	30	855,17-231,WSVN,25.621602815,80.361935769,30,
92.8	102.7857	9.9857			26.18407	80.14285	856	17	856	239	17-239	WSVN	26.1844317	80.14261737	30	856,17-239,WSVN,26.184431704,80.14261737,30,
84.1	96.0743	11.9743			25.6992	80.37756	857	17	857	247	17-247	WSVN	25.69958012	80.37733571	30	857,17-247,WSVN,25.699580116,80.377335706,30,
103.8	126.2856	22.4856			25.9676	80.1936	858	17	858	255	17-255	WSVN	25.96796987	80.19336939	30	858,17-255,WSVN,25.967969865,80.193369385,30,
107.1	110.9466	3.8466			25.9905	80.2717	859	17	859	263	17-263	WSVN	25.99086926	80.27147172	30	859,17-263,WSVN,25.990869263,80.271471716,30,
93.7	105.9233	12.2233			26.12349	80.27465	860	17	860	271	17-271	WSVN	26.12385426	80.27442151	30	860,17-271,WSVN,26.12385426,80.27442151,30,
76.6	107.7243	31.1243			26.05355	80.32143	861	17	861	279	17-279	WSVN	26.05391698	80.32120286	30	861,17-279,WSVN,26.053916977,80.321202861,30,
101.5	108.3621	6.8621			26.0254	80.3286	862	17	862	287	17-287	WSVN	26.02576805	80.32837312	30	862,17-287,WSVN,26.02576805,80.328373115,30,
89.5	110.4018	20.9018			25.88531	80.17415	863	17	863	295	17-295	WSVN	25.88568279	80.17391896	30	863,17-295,WSVN,25.885682788,80.173918955,30,
108.6	110.9391	2.3391			26.02839	80.17438	864	17	864	303	17-303	WSVN	26.02875757	80.17414863	30	864,17-303,WSVN,26.028757571,80.174148629,30,
96.6	106.533	9.933			25.80895	80.23862	865	17	865	311	17-311	WSVN	25.80932569	80.2383914	30	865,17-311,WSVN,25.809325694,80.2383914,30,
88	105.7709	17.7709			25.82443	80.32605	866	17	866	319	17-319	WSVN	25.8248054	80.32582377	30	866,17-319,WSVN,25.8248054,80.325823767,30,
82.5	103.742	21.242			26.12866	80.10595	867	17	867	327	17-327	WSVN	26.12902364	80.10571628	30	867,17-327,WSVN,25.129023664,80.105716281,30,
110.7	117.5273	6.8273			25.99016	80.16885	868	17	868	335	17-335	WSVN	25.99052897	80.16861852	30	868,17-335,WSVN,25.990528967,80.168618522,30,
90.6	102.8067	12.2067			25.75034	80.23947	869	17	869	343	17-343	WSVN	25.7507178	80.23924163	30	869,17-343,WSVN,25.750717796,80.239241631,30,
93.4	100.8157	7.4157			26.20336	80.15587	870	17	870	351	17-351	WSVN	26.20372102	80.15563775	30	870,17-351,WSVN,26.203721015,80.155637753,30,
102.3	103.4089	1.1089			26.113	80.3748	871	17	871	359	17-359	WSVN	26.11336482	80.37457408	30	871,17-359,WSVN,26.11336482,80.374574078,30,
99.5	107.9886	8.4886			25.83847	80.18106	872	17	872	367	17-367	WSVN	25.8388445	80.18082931	30	872,17-367,WSVN,25.838844503,80.180829311,30,
84.6	92.6591	8.0591			25.66543	80.41868	873	17	873	375	17-375	WSVN	25.66581152	80.41845692	30	873,17-375,WSVN,25.665811517,80.418456921,30,
96.5	105.6688	9.1688			26.13823	80.22625	874	17	874	383	17-383	WSVN	26.1385936	80.2260201	30	874,17-383,WSVN,26.138593604,80.226020101,30,
101.8	107.4407	5.6407			25.8252	80.21682	875	17	875	391	17-391	WSVN	25.82557506	80.21659059	30	875,17-391,WSVN,25.825575063,80.216590587,30,
63.3	100.6156	37.3156			25.72528	80.26185	876	17	876	399	17-399	WSVN	25.72565872	80.26162253	30	876,17-399,WSVN,25.725658717,80.261622525,30,
82.1	90.5012	8.4012			25.60439	80.32872	877	17	877	407	17-407	WSVN	25.60477323	80.32849508	30	877,17-407,WSVN,25.604773227,80.328495076,30,
89.5	107.4464	17.9464			25.82776	80.18303	878	17	878	415	17-415	WSVN	25.8281349	80.18279941	30	878,17-415,WSVN,25.828134895,80.182799407,30,
83.8	91.8626	8.0626			26.29591	80.09853	879	17	879	423	17-423	WSVN	26.29626751	80.09829573	30	879,17-423,WSVN,26.296267509,80.098295725,30,
102.8	108.6429	5.8429			25.84896	80.23528	880	17	880	431	17-431	WSVN	25.84933425	80.23505115	30	880,17-431,WSVN,25.849334253,80.235051148,30,
97.9	107.157	9.257			25.81984	80.20434	881	17	881	439	17-439	WSVN	25.82021523	80.20411017	30	881,17-439,WSVN,25.820215229,80.20411017,30,
110	110.9786	0.9786			25.89271	80.22505	882	17	882	447	17-447	WSVN	25.89308266	80.22482066	30	882,17-447,WSVN,25.893082657,80.224820655,30,
111	117.4271	6.4271			25.95809	80.15951	883	17	883	455	17-455	WSVN	25.9584601	80.15927829	30	883,17-455,WSVN,25.958460102,80.159278293,30,
76.7	110.2247	33.5247			25.88769	80.16101	884	17	884	463	17-463	WSVN	25.88806267	80.16077851	30	884,17-463,WSVN,25.888062666,80.160778505,30,
76	105.8324	29.8324			26.12665	80.15325	885	17	885	471	17-471	WSVN	26.12701386	80.15301779	30	885,17-471,WSVN,26.127013857,80.153017793,30,
77.2	94.4738	17.2738			25.7172	80.4234	886	17	886	479	17-479	WSVN	25.71757966	80.4231768	30	886,17-479,WSVN,25.717579664,80.423176802,30,
112.6	110.849	-1.751			26.01616	80.18437	887	17	887	487	17-487	WSVN	26.01652806	80.18411897	30	887,17-487,WSVN,26.016528306,80.184138971,30,
108.8	117.3437	8.5437			25.93684	80.16768	888	17	888	495	17-495	WSVN	25.9372109	80.16744861	30	888,17-495,WSVN,25.937210899,80.167448612,30,
108	118.6253	10.6253			26.00148	80.19316	889	17	889	503	17-503	WSVN	26.00184864	80.19292928	30	889,17-503,WSVN,26.001848638,80.192929278,30,
90.1	103.5961	13.4961			26.16162	80.14617	890	17	890	511	17-511	WSVN	26.16198254	80.14593751	30	890,17-511,WSVN,26.161982543,80.145937511,30,
79.5	96.325	16.825			26.24317	80.09035	891	17	891	519	17-519	WSVN	26.24352943	80.09011562	30	891,17-519,WSVN,26.243529428,80.090115616,30,
98.1	108.0982	9.9982			25.83852	80.23115	892	17	892	527	17-527	WSVN	25.83889462	80.23092104	30	892,17-527,WSVN,25.838894617,80.230921041,30,
105.7	109.6727	3.9727			26.02911	80.29425	893	17	893	535	17-535	WSVN	26.02947786	80.29402221	30	893,17-535,WSVN,26.029477857,80.294022211,30,
93.4	107.1787	13.7787			25.82009	80.21122	894	17	894	543	17-543	WSVN	25.82046524	80.21099041	30	894,17-543,WSVN,25.820465235,80.210990408,30,
87.1	96.33	9.23			25.74851	80.42775	895	17	895	551	17-551	WSVN	25.74888855	80.42752677	30	895,17-551,WSVN,25.748888546,80.427526774,30,
93.1	101.0421	7.9421			25.74612	80.31914	896	17	896	559	17-559	WSVN	25.74649822	80.31891389	30	896,17-559,WSVN,25.74649822,80.318913887,30,
87.2	97.0852	9.8852			26.2529	80.1862	897	17	897	567	17-567	WSVN	26.25325923	80.18596862	30	897,17-567,WSVN,26.253259227,80.185968624,30,
81.7	89.3696	7.6696			25.59386	80.38544	898	17	898	575	17-575	WSVN	25.59424392	80.38521648	30	898,17-575,WSVN,25.594243918,80.385216477,30,
87.4	96.4461	9.0461			25.7432	80.4145	899	17	899	583	17-583	WSVN	25.74357869	80.41427645	30	899,17-583,WSVN,25.743578688,80.414276445,30,
87.5	102.7833	15.2833			26.16801	80.29162	900	17	900	591	17-591	WSVN	26.16837261	80.29139185	30	900,17-591,WSVN,26.168372606,80.291391845,30,
82.5	87.9255	5.4255			25.57243	80.38935	901	17	901	599	17-599	WSVN	25.57281471	80.38912668	30	901,17-599,WSVN,25.572814707,80.389126682,30,
88.4	100.3342	11.9342			26.20846	80.24866	902	17	902	607	17-607	WSVN	26.208821	80.24843069	30	902,17-607,WSVN,26.208821004,80.248430687,30,
99.6	107.0483	7.4483			25.82158	80.25019	903	17	903	615	17-615	WSVN	25.82195527	80.24996176	30	903,17-615,WSVN,25.821955268,80.249961757,30,
107.2	92.6461	-14.5539			26.29416	80.10385	904	17	904	623	17-623	WSVN	26.29451758	80.1036159	30	904,17-623,WSVN,26.294517582,80.103615895,30,
97.4	110.5432	13.1432			25.89752	80.15701	905	17	905	631	17-631	WSVN	25.8978923	80.15677835	30	905,17-631,WSVN,25.897892298,80.156778348,30,
110.3	117.8173	7.5173			25.93316	80.24999	906	17	906	639	17-639	WSVN	25.93353128	80.24976135	30	906,17-639,WSVN,25.933531278,80.249761351,30,
83.2	88.0968	4.8968			25.5844	80.4124	907	17	907	647	17-647	WSVN	25.58478441	80.41217716	30	907,17-647,WSVN,25.584784412,80.412177155,30,
74.1	102.6413	28.5413			25.75173	80.20137	908	17	908	655	17-655	WSVN	25.75210768	80.20114026	30	908,17-655,WSVN,25.75210768,80.201140263,30,
84.7	94.4227	9.7227			25.66465	80.35743	909	17	909	663	17-663	WSVN	25.66503125	80.3572054	30	909,17-663,WSVN,25.665031251,80.357205396,30,
109.7	118.426	8.726			26.00545	80.22071	910	17	910	671	17-671	WSVN	26.00581858	80.22048016	30	910,17-671,WSVN,26.005818583,80.220480158,30,
88.5	101.0309	12.5309			25.73267	80.26915	911	17	911	679	17-679	WSVN	25.73304849	80.26892266	30	911,17-679,WSVN,25.733048493,80.268922658,30,
100.1	108.0522	7.9522			26.09059	80.20652	912	17	912	687	17-687	WSVN	26.09095534	80.20628955	30	912,17-687,WSVN,26.090955343,80.206289554,30,

95.9	106.8603	10.9603	25.81441 80.22729	913	17	913	695	17-695	WSVN	25.81478547	80.22706099	30	913,17-695,WSVN,25.814785474,80.227060986,30,
102.4	120.0481	17.6481	25.96714 80.25127	914	17	914	703	17-703	WSVN	25.96751007	80.25104126	30	914,17-703,WSVN,25.967510066,80.251041263,30,
93.4	100.8157	7.4157	26.20336 80.15587	915	17	915	711	17-711	WSVN	26.20372102	80.15563775	30	915,17-711,WSVN,26.203721015,80.155637753,30,
81.5	101.9205	20.4205	26.16735 80.10889	916	17	916	719	17-719	WSVN	26.16771225	80.10865632	30	916,17-719,WSVN,26.167712248,80.108656316,30,
102.6	109.8262	7.2262	25.87308 80.17691	917	17	917	727	17-727	WSVN	25.87345324	80.17667908	30	917,17-727,WSVN,25.873453238,80.17667908,30,
98.3	121.9141	23.6141	25.99067 80.22204	918	17	918	735	17-735	WSVN	25.99103913	80.22181024	30	918,17-735,WSVN,25.991039128,80.221810241,30,
101.7	120.284	18.584	25.99566 80.22593	919	17	919	743	17-743	WSVN	25.99602896	80.22570035	30	919,17-743,WSVN,25.996028962,80.22570035,30,
83.6	106.2543	22.6543	26.08343 80.33405	920	17	920	751	17-751	WSVN	26.08379587	80.33382311	30	920,17-751,WSVN,26.083795869,80.333823114,30,
95.1	109.0875	13.9875	25.93652 80.32935	921	17	921	759	17-759	WSVN	25.93689132	80.32912343	30	921,17-759,WSVN,25.936891324,80.329123434,30,
95.4	109.4235	14.0235	26.06419 80.18782	922	17	922	767	17-767	WSVN	26.06455628	80.187589	30	922,17-767,WSVN,26.064556277,80.187589001,30,
109.3	118.2665	8.9665	25.95111 80.25835	923	17	923	775	17-775	WSVN	25.95148065	80.25812151	30	923,17-775,WSVN,25.951480653,80.258121507,30,
83.7	90.3724	6.6724	25.60345 80.36485	924	17	924	783	17-783	WSVN	25.60383346	80.36462594	30	924,17-783,WSVN,25.60383346,80.364625938,30,
81.5	101.9205	20.4205	26.16735 80.10889	925	17	925	791	17-791	WSVN	26.16771225	80.10865632	30	925,17-791,WSVN,26.167712248,80.108656316,30,
87.4	96.4403	9.0403	25.67926 80.31304	926	17	926	799	17-799	WSVN	25.67964053	80.31281419	30	926,17-799,WSVN,25.679640529,80.312814187,30,
90.3	99.6074	9.3074	36.0061 78.4321	927	18	927	78	78	WTVD	36.00625148	78.43182066	30	927,78,WTVD,36.006251475,78.431820657,30,
88.2	89.7817	1.5817	36.1107 78.6504	928	18	928	204	204	WTVD	36.11084683	78.65012497	30	928,204,WTVD,36.110846826,78.650124965,30,
86.9	96.0873	9.1873	35.40904 78.03392	929	18	929	330	330	WTVD	35.40920166	78.03363111	30	929,330,WTVD,35.40920166,78.033631105,30,
83.4	93.0013	9.6013	35.41 77.9656	930	18	930	456	18-456	WTVD	35.41016159	77.96530834	30	930,18-456,WTVD,35.41016159,77.965308335,30,
70.8	81.4197	10.6197	35.01875 78.83326	931	18	931	582	582	WTVD	35.01891495	78.83300573	30	931,582,WTVD,35.018914945,78.833005727,30,
66.3	64.3225	-1.9775	35.4922 78.7241	932	18	932	960	960	WTVD	35.49236039	78.72383683	30	932,960,WTVD,35.492360385,78.72383683,30,
77	88.4255	11.4255	35.5858 77.3478	933	18	933	1086	18-1086	WTVD	35.5859615	77.34748627	30	933,18-1086,WTVD,35.5859615,77.347486265,30,
53.4	0	-53.4	36.123 79.3346	934	18	934	1212	18-1212	WTVD	36.1231372	79.33434147	30	934,18-1212,WTVD,36.123137204,79.33434147,30,
90.5	98.5461	8.0461	35.11845 78.9044	935	18	935	1338	1338	WTVD	35.11861307	78.90414826	30	935,1338,WTVD,35.118613065,78.904148259,30,
81.1	91.2774	10.1774	36.6051 78.7619	936	18	936	1464	1464	WTVD	36.60523992	78.7616282	30	936,1464,WTVD,36.605239924,78.761628199,30,
61.4	67.1004	5.7004	35.8333 78.8363	937	18	937	1590	1590	WTVD	35.83344935	78.83602899	30	937,1590,WTVD,35.833449352,78.83602899,30,
94.2	100.9797	6.7797	35.71677 77.88007	938	18	938	1716	1716	WTVD	35.71692786	77.87977483	30	938,1716,WTVD,35.716927857,77.879774828,30,
61.9	81.8631	19.9631	36.2012 77.7154	939	18	939	1842	1842	WTVD	36.20135242	77.71509785	30	939,1842,WTVD,36.201352242,77.715097851,30,
65.7	77.0315	11.3315	35.9445 78.6366	940	18	940	1968	1968	WTVD	35.94464927	78.6363252	30	940,1968,WTVD,35.944649265,78.636325204,30,
68.7	62.1687	-6.5313	34.9659 78.93882	941	18	941	2094	2094	WTVD	34.96606422	78.93856972	30	941,2094,WTVD,34.966064222,78.938569719,30,
70.5	62.8892	-7.6108	35.02381 79.01506	942	18	942	2220	2220	WTVD	35.02397344	79.01481192	30	942,2220,WTVD,35.023973437,79.014811916,30,
68.7	90.8141	22.1141	36.17866 79.43761	943	18	943	2346	2346	WTVD	36.1787956	79.43735442	30	943,2346,WTVD,36.178795604,79.437354418,30,
79.3	101.6046	22.3046	35.5238 79.701	944	18	944	2472	2472	WTVD	35.52393839	79.700754	30	944,2472,WTVD,35.523938389,79.700753997,30,
70.8	69.4203	-1.3797	36.11119 78.45851	945	18	945	2598	2598	WTVD	36.11133946	78.45823101	30	945,2598,WTVD,36.111339458,78.458231011,30,
87.7	95.5525	7.8525	35.8931 78.7038	946	18	946	2724	2724	WTVD	35.8932493	78.70352652	30	946,2724,WTVD,35.893249301,78.703526517,30,
84.2	92.2858	8.0858	34.93484 78.77451	947	18	947	2850	2850	WTVD	34.93500645	78.77425327	30	947,2850,WTVD,34.935006448,78.774253266,30,
75.4	73.5194	-1.8806	35.3906 78.0825	948	18	948	2976	2976	WTVD	35.39076197	78.08221306	30	948,2976,WTVD,35.390761969,78.082213063,30,
80.5	102.6414	22.1414	35.717 77.9164	949	18	949	3228	3228	WTVD	35.71715784	77.91610623	30	949,3228,WTVD,35.71715784,77.916106234,30,
67.5	61.1392	-6.3608	35.7753 77.5994	950	18	950	3354	3354	WTVD	35.77545777	77.59909536	30	950,3354,WTVD,35.775457765,77.599095364,30,
72.1	67.6132	-4.4868	35.16739 78.99411	951	18	951	3480	3480	WTVD	35.16755163	78.99386061	30	951,3480,WTVD,35.167551631,78.993860608,30,
60.1	97.3416	37.2416	35.7708 78.7802	952	18	952	3606	18-3606	WTVD	35.77095165	78.77992802	30	952,18-3606,WTVD,35.770951653,78.779928018,30,
76.8	91.3578	14.5578	34.8943 79.1812	953	18	953	3732	3732	WTVD	34.89446448	79.18095625	30	953,3732,WTVD,34.894464476,79.180956248,30,
78.8	85.5494	6.7494	35.254 79.2767	954	18	954	3858	3858	WTVD	35.25415742	79.27644906	30	954,3858,WTVD,35.254157415,79.276449062,30,
80	96.9456	16.9456	35.4662 78.1605	955	18	955	3984	3984	WTVD	35.46636091	78.16021638	30	955,3984,WTVD,35.466360907,78.160216382,30,
88.7	90.2709	1.5709	35.1623 78.7261	956	18	956	4110	4110	WTVD	35.16246424	78.72584278	30	956,4110,WTVD,35.162464242,78.725842779,30,
83.3	83.389	0.089	35.35269 78.00577	957	18	957	4236	4236	WTVD	35.35285231	78.00548002	30	957,4236,WTVD,35.352852307,78.005480018,30,
65.9	37.0154	-28.8846	36.0464 78.45888	958	18	958	4362	4362	WTVD	36.04655065	78.45860124	30	958,4362,WTVD,36.046550652,78.458601238,30,
65.3	58.4328	-6.8672	36.2023 78.7322	959	18	959	4488	4488	WTVD	36.20244468	78.73192627	30	959,4488,WTVD,36.202444675,78.731926274,30,
87.1	103.2342	16.1342	36.2097 78.5428	960	18	960	4614	4614	WTVD	36.20984687	78.5425225	30	960,4614,WTVD,36.20984687,78.542522495,30,
100.2	102.2433	2.0433	35.1212 79.445	961	18	961	4740	4740	WTVD	35.12135788	79.44475753	30	961,4740,WTVD,35.121357875,79.444757533,30,
84.1	101.2535	17.1535	35.2484 79.5369	962	18	962	4866	4866	WTVD	35.2485542	79.53665375	30	962,4866,WTVD,35.2485542,79.53665375,30,
76.1	90.2709	14.1709	35.7335 78.7705	963	18	963	4992	4992	WTVD	35.7336528	78.77022852	30	963,4992,WTVD,35.733652795,78.770228523,30,
68.2	59.5201	-8.6799	35.8326 78.3169	964	18	964	5118	5118	WTVD	35.83275399	78.31661981	30	964,5118,WTVD,35.832753989,78.316619807,30,
82.5	84.6796	2.1796	35.411 78.6631	965	18	965	5244	5244	WTVD	35.4111615	78.66283652	30	965,5244,WTVD,35.411161501,78.662836523,30,
76.8	93.0212	16.2212	36.2023 78.7322	966	18	966	5370	5370	WTVD	36.20244468	78.73192627	30	966,5370,WTVD,36.202444675,78.731926274,30,
58.9	63.488	4.588	34.9882 79.2224	967	18	967	5496	5496	WTVD	34.98836638	79.22215526	30	967,5496,WTVD,34.988366375,79.222155261,30,
81.9	90.8528	8.9528	35.36352 77.96127	968	18	968	5622	5622	WTVD	35.36368213	77.96097815	30	968,5622,WTVD,35.363682128,77.96097815,30,
83.6	83.368	-0.232	35.39157 77.91541	969	18	969	5748	5748	WTVD	35.39173177	77.91511627	30	969,5748,WTVD,35.391731768,77.915116271,30,
83	84.6065	1.6065	35.1898 79.4735	970	18	970	5874	5874	WTVD	35.18995671	79.47325487	30	970,5874,WTVD,35.189956711,79.473254874,30,
63.1	63.204	0.104	35.1453 79.0171	971	18	971	6000	6000	WTVD	35.14546182	79.01685096	30	971,6000,WTVD,35.145461817,79.016850957,30,
59.8	59.3857	-0.4143	35.0349 78.6986	972	18	972	6126	6126	WTVD	35.03506622	78.69834001	30	972,6126,WTVD,35.035066223,78.698340008,30,
62.6	69.6308	7.0308	35.36467 77.95993	973	18	973	6252	6252	WTVD	35.36483211	77.95963809	30	973,6252,WTVD,35.364832113,77.959638094,30,
82	83.4743	1.4743	36.02771 79.28351	974	18	974	6378	6378	WTVD	36.02784865	79.28324928	30	974,6378,WTVD,36.027848653,79.283249279,30,
64.2	59.5201	-4.6799	36.03422 79.44382	975	18	975	6504	6504	WTVD	36.03435659	79.44356288	30	975,6504,WTVD,36.034356588,79.443562884,30,
67	65.8801	-1.1199	36.0766 79.0898	976	18	976	6630	6630	WTVD	36.07674065	79.08953454	30	976,6630,WTVD,36.076740648,79.08953454,30,
64.6	72.0219	7.4219	36.2012 78.4135	977	18	977	6756	18-6756	WTVD	36.20134807	78.41321965	30	977,18-6756,WTVD,36.201348072,78.413219654,30,
75.7	76.8364	1.1364	34.9882 79.2224	978	18	978	6882	6882	WTVD	34.98836638	79.22215526	30	978,6882,WTVD,34.988366375,79.222155261,30,
97.4	101.0838	3.6838	35.03857 79.06498	979	18	979	7008	7008	WTVD	35.03873373	79.06473235	30	979,7008,WTVD,35.038733727,79.06473235,30,
60.9	56.3548	-4.5452	35.89574 79.23688	980	18	980	7134	7134	WTVD	35.8958813	79.2366178	30	980,7134,WTVD,35.895881295,79.236617798,30,
92.5	99.523	7.023	34.9859 78.5222	981	18	981	7260	7260	WTVD	34.98606926	78.52192986	30	981,7260,WTVD,34.98606926,78.521929864,30,
67.6	63.6205	-3.9795	35.3876 78.4715	982	18	982	7386	7386	WTVD	35.38776241	78.47122875	30	982,7386,WTVD,35.387762408,78.471228751,30,
55.4	37.0154	-18.3846	36.4228 79.3344	983	18	983	7512	7512	WTVD	36.42293872	79.33414238	30	983,7512,WTVD,36.422938721,79.334142382,30,
78.4	88.7904	10.3904	36.0167 78.4781	984	18	984	7638	7638	WTVD	36.01685114	78.47782185	30	984,7638,WTVD,36.016851139,78.477821849,30,
60.9	67.2365	6.3365	34.801 78.9735	985	18	985	7764	7764	WTVD	34.80116391	78.97325185	30	985,7764,WTVD,34.801163909,78.973251847,30,
60.6	0	-60.6	35.1212 79.445	986	18	986	7890	7890	WTVD	35.12135788	79.44475753	30	986,7890,WTVD,35.121357875,79.444757533,30,
75.9	96.5133	20.6133	36.13704 78.75221	987	18	987	8142	8142	WTVD	36.13718496	78.75193686	30	987,8142,WTVD,36.137184959,78.751936863,30,
73.2	100.9797	27.7797	35.02276 78.97644	988	18	988	8268	8268	WTVD	35.02292351	78.97619089	30	988,8268,WTVD,35.022923508,78.976190892,30,
72.8	66.3148	-6.4852	36.4466 77.6717	989	18	989	8394	8394	WTVD	36.44675063	77.67140202	30	989,8394,WTVD,36.446750626,77.671402023,30,
64.3	79.7181	15.4181	35.465 79.1776	990	18	990	8520	8520	WTVD	35.46515388	79.17734412	30	990,8520,WTVD,35.465153877,79.177344124,30,
56.7	60.8751	4.1751	35.6796 78.937	991	18	991	8646	8646	WTVD	35.67975229	78.93673358	30	991,8646,WTVD,35.679752294,78.936733582,30,
75.7	102.5539	26.8539	35.9445 78.6366	992	18	992	8772	8772	WTVD	35.94464927	78.6363252	30	992,8772,WTVD,35.944649265,78.636325204,30,
90.2	95.922	5.722	35.65651 79.81843	993	18	993	8898	8898	WTVD	35.6566469	79.81818686	30	993,8898,WTVD,35.656646899,79.818186858,30,
66.4	69.2465	2.8465	35.3082 79.3924	994	18	994	9024	9024	WTVD	35.30835491	79.39214946	30	994,9024,WTVD,35.308354908,79.392149459,30,
88	101.8442	13.8442	34.98554 79.22869	995	18	995	9150	9150	WTVD	34.98570641	79.22844541	30	995,9150,WTVD,34.985706407,79.228445407,30,
57.7	0	-57.7	35.75824 78.79188	996	18	996	9276	9276	WTVD	35.75839186	78.79160824	30	996,9276,WTVD,35.758391863,78.791608238,30,
53.9	59.9753	6.0753	35.9112 79.1324	997	18	997	9402	18-9402	WTVD	35.91134606	79.12113055	30	997,18-9402,WTVD,35.911346066,78.921130553,30,
65.9	65.3154	-0.5846	36.12511 79.03768	998	18	998	9528	9528	WTVD	36.12525099	79.0374131	30	998,9528,WTVD,36.125250989,79.037413099,30,
85.2	95.894	10.694	35.7226 78.8399	999	18	999	9654	9654	WTVD	35.72275236	78.83963018	30	999,9654,WTVD,35.722752355,78.839630183,30,
94	94.0623	0.0623	36.4466 77.6717	1000	18	1000	9780	9780	WTVD	36.44675063	77.67140202	30	1000,9780,WTVD,36.446750626,77.671402023,30,
88.6	87.2424	-1.3576	36.5012 79.1699	1001	18	1001	9906	9906	WTVD	36.5013404	79.16963776	30	1001,9906,WTVD,36.501340404,79.169637759,30,
79.6	97.051	17.451	36.07603 79.3962	1002	18	1002	10032	10032	WTVD	36.07616686	79.39594231	30	1002,10032,WTVD,36.076166858,79.395942312,30,
96.7	102.0644	5.3644	35.3999 77.9796	1003	18	1003	10158	10158	WTVD	35.40006172	77.97930891	30	1003,10158,WTVD,35.400061717,77.979308906,30,
64.8	82.9078	18.1078	35.2188 78.4301	1004	18	1004	10284	10284	WTVD	35.21896529	78.42982749	30	1004,10284,WTVD,35.218965285,78.429827494,30,
80.7	101.285	20.585	35.3806 78.0151	1005	18	1005	10410	10410	WTVD	35.38076199	78.01481036	30	1005,10410,WTVD,35.380761988,78.014810364,30,
68.2	67.4361	-0.7639	35.44867 78.00578	1006	18	1006	10536	10536	WTVD	35.44883115	78.00548992	30	1006,10536,WTVD,35.448831152,78.005489924,30,
71	96.2983	25.2983	35.555 78.2626	1007	18	1007	10662	10662	WTVD	35.55515938	78.2623206	30	1007,10662,WTVD,35.555159379,78.262320595,30,
69.7	82.7612	13.0612	35.40424 79.10202	1008	18	1008	10788	10788	WTVD	35.4043961	79.10176529	30	1008,10788,WTVD,35.404396095,79.101765292,30,
61.3	64.7084	3.4084	35.91125 78.69576	1009	18	1009	10914	10914	WTVD	35.91139902	78.69548634	30	1009,10914,WTVD,35.91139902,78.695486344,30,
68.3	72.6742	4.3742	35.8211 77.6999	1010	18	1010	11040	11040	WTVD	35.82125676	77.69959812	30	1010,11040,WTVD,35.821256763,77.699598122,30,
73.2	65.3046	-7.8954	34.9527 78.9345	1011	18	1011	11166	11166	WTVD	34.95286431	78.9342496	30	1011,11166,WTVD,34.952864305,78.934249595,30,
65.9	60.7033	-5.1967	35.05589 78.95512	1012	18	1012	11292	11292	WTVD	35.05605332	78.95487	30	1012,11292,WTVD,35.056053322,78.95487,30,
100.2	103.1345	2.9345	35.584 77.3713	1013	18	1013	11418	11418	WTVD	35.58416145	77.37098695	30	1013,11418,WTVD,35.584161445,77.370986945,30,
61.6	60.2815	-1.3185	35.90526 79.24739	1014	18	1014	11544	11544	WTVD	35.90540095	79.24712807	30	1014,11544,WTVD,35.90540095,79.247128065,30,
79.6	87.3837	7.7837	35.09757 78.927	1015	18	1015	11670	11670	WTVD	35.0977331	78.92674897	30	1015,11670,WTVD,35.097733098,78.92674897,30,
86.4	94.0623	7.6623	36.0364 79.245	1016	18	1016	11796	11796	WTVD	36.03653905	79.2447385	30	1016,11796,WTVD,36.036539054,79.244738504,30,
77.1	80.6624	3.5624	35.7088 78.6546	1017	18	1017	11922	11922	WTVD	35.70895391	78.6543273	30	1017,11922,WTVD,35.708953391,78.654327301,30,
94.2	104.2114	10.0114	34.8056 79.1666	1018	18	1018	12048	12048	WTVD	34.8057632	79.16635738	30	1018,12048,WTVD,34.805763195,79.166357376,30,
66.5	61.9801	-4.5199	36.15126 78.90497	1019	18	1019	12300	12300	WTVD	36.15140268	78.90469996	30	1019,12300,WTVD,36.151402678,78.904699962,30,
81.2	67.4361	-13.7639	35.2188 78.4301	1020	18	1020	12426	12426	WTVD	35.21896529	78.42982749	30	1020,12426,WTVD,35.218965285,78.429827494,30,
69	67.1004	-1.8996	35.0048 78.9395	1021	18	1021	12552	12552	WTVD	35.00496408	78.93924961	30	1021,12552,WTVD,35.00496408,78.939249614,30,
56.9	64.9703	8.0703	35.5492 78.6713	1022	18	1022	12678	12678	WTVD	35.54935871	78.67103312	30	1022,12678,WTVD,35.549358714,78.671033116,30,
55.9	67.1004	11.2004	35.3308 78.6857	1023	18	1023	12804	18-12804	WTVD	35.33096243	78.68543942	30	1023,18-12804,WTVD,35.330962426,78.685439421,30,
62.8	61.6291	-1.1709	34.8111 79.0758	1024	18	1024	12930	12930	WTVD	34.81126333	79.07555494	30	1024,12930,WTVD,34.811263333,79.07555494,30,
69.9	103.3614	33.4614	35.8211 77.6999	1025	18	1025	13056	13056	WTVD	35.82125676	77.69959812	30	1025,13056,WTVD,35.821256763,77.699598122,30,
61.6	68.33	6.73	36.2012 77.7154	1026	18	1026	13182	13182	WTVD	36.20135242	77.71509785	30	1026,13182,WTVD,36.20135242,77.715097851,30,
74	59.4581	-14.5419	39.11519 77.55279	1027	19	1027	981	19-981	WUSA	39.11529598	77.55250235	30	1027,19-981,WUSA,39.115295976,77.55250235,30,
73.5	102.2659	28.7659	38.91922 77.07415	1028	19	1028	1056	19-1056	WUSA	38.91933133	77.07384997	30	1028,19-1056,WUSA,38.919331327,77.07384997,30,
74.2	74.0949	-0.1051	38.70123 77.21947	1029	19	1029	1131	19-1131	WUSA	38.70134543	77.21917445	30	1029,19-1131,WUSA,38.701345429,77.219174454,30,
74.9	76.574	1.674	39.0876 77.40824	1030	19	1030	1356	19-1356	WUSA	39.08770735	77.40794901	30	1030,19-1356,WUSA,39.087707352,77.407949009,30,
70.7	73.3894	2.6894	39.00914 77.38456	1031	19	1031	1431	19-1431	WUSA	39.00924928	77.38426849	30	1031,19-1431,WUSA,39.009249283,77.384268486,30,
99.5	89.4069	-10.0931	38.87325 77.17612	1032	19	1032	1506	19-1506	WUSA	38.87336196	77.17582267	30	1032,19-1506,WUSA,38.873361958,77.175822667,30,
87.1	101.5774	14.4774	38.92983 77.04488	1033	19	1033	1731	19-1731	WUSA	38.92994118	77.04457931	30	1033,19-1731,WUSA,38.929941184,77.044579307,30,
86.1	91.8099	5.7099	39.04285 77.09194	1034	19	1034	1881	19-1881	WUSA	39.04295915	77.09164057	30	1034,19-1881,WUSA,39.042959145,77.091640573,30,
76.7	87.9297	11.2297	38.91 77.25482	1035	19	1035	2106	19-2106	WUSA	38.91011123	77.25452432	30	1035,19-2106,WUSA,38.910111229,77.254524319,30,
81.2	92.7257	11.5257	38.91379 77.0906	1036	19	1036	2481	19-2481	WUSA	38.9139014	77.09030036	30	1036,19-2481,WUSA,38.913901397,77.090300359,30,
62.9	0	-62.9	39.30252 77.54623	1037	19	1037	2631	19-2631	WUSA	39.30262192	77.5459403	30	1037,19-2631,WUSA,39.302621917,77.545940302,30,
77.9	89.3279	11.4279	38.8321 77.00695	1038	19	1038	3606	19-3606	WUSA	38.83221297	77.00664807	30	1038,19-3606,WUSA,38.832212972,77.006648066,30,
88.5	93.6173	5.1173	38.9145 77.15356	1039	19	1039	3831	19-3831	WUSA	38.91461129	77.15326184	30	1039,19-3831,WUSA,38.914611291,77.153261836,30,
67.5	70.2623	2.7623	38.8525 77.41694	1040	19	1040	4356	19-4356	WUSA	38.85261277	77.41664981	30	1040,19-4356,WUSA,38.852612773,77.416649813,30,
85.5	81.3081	-4.1919	38.81507 77.24969	1041	19	1041	4431	19-4431	WUSA	38.81518281	77.24939531	30	1041,19-4431,WUSA,38.815182805,77.249395306,30,
77	92.4144	15.4144	39.03431 77.06625	1042	19	1042	4731	19-4731	WUSA	39.03441932	77.06595002	30	1042,19-4731,WUSA,39.034419322,77.06595002,30,

41.3	0	-41.3	39.49147 76.73849	1043	19	1043	5856	19-5856	WUSA	39.4915756	76.73818699	30	1043,19-5856,WUSA,39.491575596,76.738186988,30,
66.8	92.6887	25.8887	38.9019 76.99635	1044	19	1044	6006	19-6006	WUSA	38.90201175	76.99604807	30	1044,19-6006,WUSA,38.902011751,76.99604807,30,
99.7	100.809	1.109	38.98463 77.0977	1045	19	1045	6081	19-6081	WUSA	38.98474016	77.09740038	30	1045,19-6081,WUSA,38.984740158,77.09740038,30,
78.3	94.2705	15.9705	38.90925 77.03919	1046	19	1046	6681	19-6681	WUSA	38.90936155	77.03888914	30	1046,19-6681,WUSA,38.909361554,77.038889142,30,
74.6	82.5396	7.9396	38.82811 77.23952	1047	19	1047	7806	19-7806	WUSA	38.82822261	77.23922485	30	1047,19-7806,WUSA,38.828222607,77.23922485,30,
58.1	59.7896	1.6896	40.35546 79.88444	1048	20	1048	68	20-68	WWCP	40.35552942	79.88421126	30	1048,20-68,WWCP,40.35552942,79.884211264,30,
49.4	0	-49.4	40.02056 79.88862	1049	20	1049	416	20-416	WWCP	40.02063431	79.88838921	30	1049,20-416,WWCP,40.020634313,79.888389205,30,
48.7	49.8641	1.1641	40.29507 80.0958	1050	20	1050	532	20-532	WWCP	40.29513987	80.095577	30	1050,20-532,WWCP,40.295139873,80.095577004,30,
41.6	60.3067	18.7067	40.27971 79.54557	1051	20	1051	590	20-590	WWCP	40.27977956	79.54533198	30	1051,20-590,WWCP,40.279779557,79.545331977,30,
41.9	47.8235	5.9235	40.33308 79.30052	1052	20	1052	735	20-735	WWCP	40.33315001	79.30027733	30	1052,20-735,WWCP,40.33315001,79.300277331,30,
41.9	50.4234	8.5234	40.32781 79.61994	1053	20	1053	822	20-822	WWCP	40.32787908	79.61970431	30	1053,20-822,WWCP,40.327879076,79.619704305,30,
30	43.9372	13.9372	40.58491 79.56085	1054	20	1054	909	20-909	WWCP	40.58497568	79.56061648	30	1054,20-909,WWCP,40.584975676,79.560616479,30,
48.5	40.6144	-7.8856	40.37324 80.0637	1055	20	1055	938	20-938	WWCP	40.3733094	80.06347658	30	1055,20-938,WWCP,40.373309397,80.063476579,30,
34.9	0	-34.9	40.17577 80.25071	1056	20	1056	1112	20-1112	WWCP	40.17584113	80.25049261	30	1056,20-1112,WWCP,40.17584113,80.250492612,30,
58.9	42.7177	-16.1823	40.44808 79.95146	1057	20	1057	1257	20-1257	WWCP	40.44814903	79.95123407	30	1057,20-1257,WWCP,40.448149026,79.951234067,30,
74.1	53.9655	-20.1345	40.6137 79.18242	1058	20	1058	1431	20-1431	WWCP	40.61376625	79.18217782	30	1058,20-1431,WWCP,40.613766251,79.182177822,30,
24.9	0	-24.9	40.90257 79.89358	1059	20	1059	1460	20-1460	WWCP	40.90263404	79.8933567	30	1059,20-1460,WWCP,40.902634039,79.893356704,30,
51.4	52.048	0.648	40.4661 80.06707	1060	20	1060	1866	20-1866	WWCP	40.46616884	80.06684733	30	1060,20-1866,WWCP,40.466168838,80.066847332,30,
75.4	39.1165	-36.2835	40.36337 80.0532	1061	20	1061	2011	20-2011	WWCP	40.36343947	80.05297621	30	1061,20-2011,WWCP,40.363439469,80.052976207,30,
49.8	44.7621	-5.0379	40.16073 79.88503	1062	20	1062	2156	20-2156	WWCP	40.16080176	79.88479978	30	1062,20-2156,WWCP,40.16080176,79.884799779,30,
40.5	43.4664	2.9664	40.62734 79.60436	1063	20	1063	2214	20-2214	WWCP	40.62740555	79.60412786	30	1063,20-2214,WWCP,40.627405546,79.604127855,30,
47.7	42.6371	-5.0629	40.21267 79.77168	1064	20	1064	2417	20-2417	WWCP	40.21274103	79.77144639	30	1064,20-2417,WWCP,40.212741029,79.77144639,30,
47.1	0	-47.1	40.76197 80.00724	1065	20	1065	2591	20-2591	WWCP	40.76203545	80.00702208	30	1065,20-2591,WWCP,40.762035448,80.00702208,30,
53.4	37.5559	-15.8441	39.8755 79.97852	1066	20	1066	2649	20-2649	WWCP	39.87557621	79.97829794	30	1066,20-2649,WWCP,39.875576209,79.978297935,30,
40.9	0	-40.9	40.13015 80.25353	1067	20	1067	2707	20-2707	WWCP	40.13022157	80.25331327	30	1067,20-2707,WWCP,40.130221571,80.253313274,30,
47.7	37.366	-10.334	40.20163 79.92413	1068	20	1068	2910	20-2910	WWCP	40.20170092	79.92390129	30	1068,20-2910,WWCP,40.201700916,79.92390129,30,
			38.738915081 75.956199528	1069	6	1069		6-1	WBOC	38.73891508	75.95619953	30	1069,6-1,WBOC,38.738915081,75.956199528,30,

0	0	0	35.33308 82.53486	411	7	411	1425	7-1425	WBTV	35.33319617	82.53470346	30	411,7-1425,WBTV,35.333196172,82.534703463,30,
0	0	0	36.32758 81.82186	471	7	471	8657	8657	WBTV	36.32770364	81.82169594	30	471,8657,WBTV,36.327703644,81.821695944,30,
0	0	0	40.07996 76.73713	637	12	637	1956	12-1956	WJZ	40.08005521	76.73681978	30	637,12-1956,WJZ,40.080055207,76.736819775,30,
0	67.6672	67.6672	38.90925 77.03919	700	12	700	6681	12-6681	WJZ	38.90936155	77.03888914	30	700,12-6681,WJZ,38.909361554,77.038889142,30,

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