





ASTORIA_GT2_4 24097	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT3_1 24098	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT3_2 24099	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT3_3 24100	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT3_4 24101	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT4_1 24102	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT4_2 24103	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT4_3 24104	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT4_4 24105	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT_1 23523	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N
ASTORIA_GT_10 24110	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 -2.58 N	39.32 2.08 0.00 N	74.68 4.01 -6.23 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N
ASTORIA_GT_11 24225	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 -2.58 N	39.32 2.08 0.00 N	74.68 4.01 -6.23 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N
ASTORIA_GT_12 24226	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 -2.58 N	39.32 2.08 0.00 N	74.68 4.01 -6.23 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N
ASTORIA_GT_13 24227	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 -2.58 N	39.32 2.08 0.00 N	74.68 4.01 -6.23 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N

	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
ASTORIA_GT_5 24106	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ASTORIA_GT_7 24107	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ASTORIA_GT_8 24108	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ASTORIA___2 24149	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ASTORIA___3 23516	94.18 5.54 0.00 N	134.53 5.42 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 -2.58 N	39.32 2.08 0.00 N	74.68 4.01 -6.23 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.67 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.04 6.17 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N	
ASTORIA___4 23517	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ASTORIA___5 23518	94.39 5.75 0.00 N	134.86 5.75 0.00 N	101.95 4.75 0.00 N	138.57 4.29 0.00 N	70.89 3.72 0.00 N	78.80 4.46 0.00 N	75.14 4.07 0.00 N	46.48 2.18 -2.58 N	39.25 2.01 0.00 N	74.56 3.89 -6.23 N	58.11 3.47 0.00 N	59.44 3.70 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.67 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.78 10.69 0.00 N	89.16 6.29 0.00 N	65.02 4.68 0.00 N	64.08 3.96 0.00 N	58.44 3.53 0.00 N	47.28 2.65 0.00 N	
ATHENS_STG_1 23668	92.12 3.48 0.00 N	133.05 3.94 0.00 N	100.03 2.84 0.00 N	137.41 3.13 0.00 N	69.29 2.11 0.00 N	77.12 2.78 0.00 N	73.59 2.52 0.00 N	45.88 1.39 -2.77 N	38.51 1.27 0.00 N	73.47 2.32 -6.71 N	56.52 1.88 0.00 N	57.56 1.82 0.00 N	47.25 1.56 0.00 N	54.82 1.71 0.00 N	41.36 1.39 0.00 N	44.99 1.52 0.00 N	41.81 1.41 0.00 N	40.82 1.24 0.00 N	178.24 6.15 0.00 N	86.05 3.18 0.00 N	62.66 2.32 0.00 N	62.00 1.89 0.00 N	56.72 1.81 0.00 N	46.05 1.42 0.00 N	
ATHENS_STG_2 23670	92.12 3.48 0.00 N	133.05 3.94 0.00 N	100.03 2.84 0.00 N	137.41 3.13 0.00 N	69.29 2.11 0.00 N	77.12 2.78 0.00 N	73.59 2.52 0.00 N	45.88 1.39 -2.77 N	38.51 1.27 0.00 N	73.47 2.32 -6.71 N	56.52 1.88 0.00 N	57.56 1.82 0.00 N	47.25 1.56 0.00 N	54.82 1.71 0.00 N	41.36 1.39 0.00 N	44.99 1.52 0.00 N	41.81 1.41 0.00 N	40.82 1.24 0.00 N	178.24 6.15 0.00 N	86.05 3.18 0.00 N	62.66 2.32 0.00 N	62.00 1.89 0.00 N	56.72 1.81 0.00 N	46.05 1.42 0.00 N	
ATHENS_STG_3 23677	92.12 3.48 0.00 N	133.05 3.94 0.00 N	100.03 2.84 0.00 N	137.41 3.13 0.00 N	69.29 2.11 0.00 N	77.12 2.78 0.00 N	73.59 2.52 0.00 N	45.88 1.39 -2.77 N	38.51 1.27 0.00 N	73.47 2.32 -6.71 N	56.52 1.88 0.00 N	57.56 1.82 0.00 N	47.25 1.56 0.00 N	54.82 1.71 0.00 N	41.36 1.39 0.00 N	44.99 1.52 0.00 N	41.81 1.41 0.00 N	40.82 1.24 0.00 N	178.24 6.15 0.00 N	86.05 3.18 0.00 N	62.66 2.32 0.00 N	62.00 1.89 0.00 N	56.72 1.81 0.00 N	46.05 1.42 0.00 N	
BARRETT_IC_1 23704	94.49 5.85 0.00 N	134.27 5.15 0.00 N	101.61 4.41 0.00 N	137.95 3.66 0.00 N	70.64 3.46 0.00 N	78.86 4.51 0.00 N	75.10 4.04 0.00 N	46.54 2.24 -2.58 N	39.50 2.26 0.00 N	74.98 4.31 -6.23 N	58.57 3.93 0.00 N	59.89 4.15 0.00 N	49.16 3.48 0.00 N	57.03 3.92 0.00 N	42.99 3.02 0.00 N	46.79 3.32 0.00 N	43.46 3.06 0.00 N	42.39 2.81 0.00 N	185.48 13.39 0.00 N	90.02 7.16 0.00 N	65.62 5.28 0.00 N	64.80 4.68 0.00 N	59.16 4.25 0.00 N	47.61 2.98 0.00 N	
BARRETT_IC_10 23701	94.49 5.85 0.00 N	134.27 5.15 0.00 N	101.61 4.41 0.00 N	137.95 3.66 0.00 N	70.64 3.46 0.00 N	78.86 4.51 0.00 N	75.10 4.04 0.00 N	46.54 2.24 -2.58 N	39.50 2.26 0.00 N	74.98 4.31 -6.23 N	58.57 3.93 0.00 N	59.89 4.15 0.00 N	49.16 3.48 0.00 N	57.03 3.92 0.00 N	42.99 3.02 0.00 N	46.79 3.32 0.00 N	43.46 3.06 0.00 N	42.39 2.81 0.00 N	185.48 13.39 0.00 N	90.02 7.16 0.00 N	65.62 5.28 0.00 N	64.80 4.68 0.00 N	59.16 4.25 0.00 N	47.61 2.98 0.00 N	
BARRETT_IC_11 23702	94.49 5.85 0.00 N	134.27 5.15 0.00 N	101.61 4.41 0.00 N	137.95 3.66 0.00 N	70.64 3.46 0.00 N	78.86 4.51 0.00 N	75.10 4.04 0.00 N	46.54 2.24 -2.58 N	39.50 2.26 0.00 N	74.98 4.31 -6.23 N	58.57 3.93 0.00 N	59.89 4.15 0.00 N	49.16 3.48 0.00 N	57.03 3.92 0.00 N	42.99 3.02 0.00 N	46.79 3.32 0.00 N	43.46 3.06 0.00 N	42.39 2.81 0.00 N	185.48 13.39 0.00 N	90.02 7.16 0.00 N	65.62 5.28 0.00 N	64.80 4.68 0.00 N	59.16 4.25 0.00 N	47.61 2.98 0.00 N	
BARRETT_IC_12	94.49	134.27	101.61	137.95	70.64	78.86	75.10	46.54	39.50	74.98	58.57	59.89	49.16	57.03	42.99	46.79	43.46	42.39	185.48	90.02	65.62	64.80	59.16	47.61	























	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
HOLTSVILLE_IC_10 23699	95.04 6.39 0.00 N	135.38 6.26 0.00 N	102.62 5.42 0.00 N	139.10 4.82 0.00 N	71.37 4.19 0.00 N	79.72 5.37 0.00 N	75.41 4.34 0.00 N	46.62 2.32 -2.58 N	39.68 2.44 0.00 N	75.45 4.78 -6.23 N	58.99 4.36 0.00 N	60.33 4.59 0.00 N	49.55 3.87 0.00 N	57.46 4.35 0.00 N	43.32 3.35 0.00 N	47.26 3.79 0.00 N	43.78 3.38 0.00 N	42.77 3.19 0.00 N	187.79 15.70 0.00 N	91.22 8.35 0.00 N	66.44 6.11 0.00 N	65.57 5.46 0.00 N	59.78 4.87 0.00 N	47.89 3.26 0.00 N	
HOLTSVILLE_IC_2 23691	94.68 6.04 0.00 N	134.93 5.82 0.00 N	102.26 5.06 0.00 N	138.65 4.37 0.00 N	71.12 3.94 0.00 N	79.44 5.09 0.00 N	75.13 4.06 0.00 N	46.46 2.16 -2.58 N	39.52 2.28 0.00 N	75.14 4.46 -6.23 N	58.69 4.06 0.00 N	60.03 4.29 0.00 N	49.30 3.61 0.00 N	57.17 4.06 0.00 N	43.10 3.12 0.00 N	47.05 3.57 0.00 N	43.58 3.18 0.00 N	42.57 2.99 0.00 N	186.84 14.75 0.00 N	90.77 7.91 0.00 N	66.11 5.77 0.00 N	65.23 5.12 0.00 N	59.49 4.58 0.00 N	47.66 3.04 0.00 N	
HOLTSVILLE_IC_3 23692	94.68 6.04 0.00 N	134.93 5.82 0.00 N	102.26 5.06 0.00 N	138.65 4.37 0.00 N	71.12 3.94 0.00 N	79.44 5.09 0.00 N	75.13 4.06 0.00 N	46.46 2.16 -2.58 N	39.52 2.28 0.00 N	75.14 4.46 -6.23 N	58.69 4.06 0.00 N	60.03 4.29 0.00 N	49.30 3.61 0.00 N	57.17 4.06 0.00 N	43.10 3.12 0.00 N	47.05 3.57 0.00 N	43.58 3.18 0.00 N	42.57 2.99 0.00 N	186.84 14.75 0.00 N	90.77 7.91 0.00 N	66.11 5.77 0.00 N	65.23 5.12 0.00 N	59.49 4.58 0.00 N	47.66 3.04 0.00 N	
HOLTSVILLE_IC_4 23693	94.68 6.04 0.00 N	134.93 5.82 0.00 N	102.26 5.06 0.00 N	138.65 4.37 0.00 N	71.12 3.94 0.00 N	79.44 5.09 0.00 N	75.13 4.06 0.00 N	46.46 2.16 -2.58 N	39.52 2.28 0.00 N	75.14 4.46 -6.23 N	58.69 4.06 0.00 N	60.03 4.29 0.00 N	49.30 3.61 0.00 N	57.17 4.06 0.00 N	43.10 3.12 0.00 N	47.05 3.57 0.00 N	43.58 3.18 0.00 N	42.57 2.99 0.00 N	186.84 14.75 0.00 N	90.77 7.91 0.00 N	66.11 5.77 0.00 N	65.23 5.12 0.00 N	59.49 4.58 0.00 N	47.66 3.04 0.00 N	
HOLTSVILLE_IC_5 23694	94.68 6.04 0.00 N	134.93 5.82 0.00 N	102.26 5.06 0.00 N	138.65 4.37 0.00 N	71.12 3.94 0.00 N	79.44 5.09 0.00 N	75.13 4.06 0.00 N	46.46 2.16 -2.58 N	39.52 2.28 0.00 N	75.14 4.46 -6.23 N	58.69 4.06 0.00 N	60.03 4.29 0.00 N	49.30 3.61 0.00 N	57.17 4.06 0.00 N	43.10 3.12 0.00 N	47.05 3.57 0.00 N	43.58 3.18 0.00 N	42.57 2.99 0.00 N	186.84 14.75 0.00 N	90.77 7.91 0.00 N	66.11 5.77 0.00 N	65.23 5.12 0.00 N	59.49 4.58 0.00 N	47.66 3.04 0.00 N	
HOLTSVILLE_IC_6 23695	95.04 6.39 0.00 N	135.38 6.26 0.00 N	102.62 5.42 0.00 N	139.10 4.82 0.00 N	71.37 4.19 0.00 N	79.72 5.37 0.00 N	75.41 4.34 0.00 N	46.62 2.32 -2.58 N	39.68 2.44 0.00 N	75.45 4.78 -6.23 N	58.99 4.36 0.00 N	60.33 4.59 0.00 N	49.55 3.87 0.00 N	57.46 4.35 0.00 N	43.32 3.35 0.00 N	47.26 3.79 0.00 N	43.78 3.38 0.00 N	42.77 3.19 0.00 N	187.79 15.70 0.00 N	91.22 8.35 0.00 N	66.44 6.11 0.00 N	65.57 5.46 0.00 N	59.78 4.87 0.00 N	47.89 3.26 0.00 N	
HOLTSVILLE_IC_7 23696	95.04 6.39 0.00 N	135.38 6.26 0.00 N	102.62 5.42 0.00 N	139.10 4.82 0.00 N	71.37 4.19 0.00 N	79.72 5.37 0.00 N	75.41 4.34 0.00 N	46.62 2.32 -2.58 N	39.68 2.44 0.00 N	75.45 4.78 -6.23 N	58.99 4.36 0.00 N	60.33 4.59 0.00 N	49.55 3.87 0.00 N	57.46 4.35 0.00 N	43.32 3.35 0.00 N	47.26 3.79 0.00 N	43.78 3.38 0.00 N	42.77 3.19 0.00 N	187.79 15.70 0.00 N	91.22 8.35 0.00 N	66.44 6.11 0.00 N	65.57 5.46 0.00 N	59.78 4.87 0.00 N	47.89 3.26 0.00 N	
HOLTSVILLE_IC_8 23697	95.04 6.39 0.00 N	135.38 6.26 0.00 N	102.62 5.42 0.00 N	139.10 4.82 0.00 N	71.37 4.19 0.00 N	79.72 5.37 0.00 N	75.41 4.34 0.00 N	46.62 2.32 -2.58 N	39.68 2.44 0.00 N	75.45 4.78 -6.23 N	58.99 4.36 0.00 N	60.33 4.59 0.00 N	49.55 3.87 0.00 N	57.46 4.35 0.00 N	43.32 3.35 0.00 N	47.26 3.79 0.00 N	43.78 3.38 0.00 N	42.77 3.19 0.00 N	187.79 15.70 0.00 N	91.22 8.35 0.00 N	66.44 6.11 0.00 N	65.57 5.46 0.00 N	59.78 4.87 0.00 N	47.89 3.26 0.00 N	
HOLTSVILLE_IC_9 23698	95.04 6.39 0.00 N	135.38 6.26 0.00 N	102.62 5.42 0.00 N	139.10 4.82 0.00 N	71.37 4.19 0.00 N	79.72 5.37 0.00 N	75.41 4.34 0.00 N	46.62 2.32 -2.58 N	39.68 2.44 0.00 N	75.45 4.78 -6.23 N	58.99 4.36 0.00 N	60.33 4.59 0.00 N	49.55 3.87 0.00 N	57.46 4.35 0.00 N	43.32 3.35 0.00 N	47.26 3.79 0.00 N	43.78 3.38 0.00 N	42.77 3.19 0.00 N	187.79 15.70 0.00 N	91.22 8.35 0.00 N	66.44 6.11 0.00 N	65.57 5.46 0.00 N	59.78 4.87 0.00 N	47.89 3.26 0.00 N	
HQ_GEN_CEDARS 23644	88.80 0.15 0.00 N	129.63 0.52 0.00 N	97.69 0.50 0.00 N	135.41 1.13 0.00 N	67.37 0.19 0.00 N	74.13 -0.22 0.00 N	71.24 0.17 0.00 N	41.83 0.10 0.00 N	37.25 0.01 0.00 N	64.43 -0.01 0.00 N	54.25 -0.39 0.00 N	55.43 -0.31 0.00 N	45.40 -0.29 0.00 N	52.72 -0.39 0.00 N	39.62 -0.36 0.00 N	43.12 -0.35 0.00 N	40.06 -0.34 0.00 N	39.36 -0.22 0.00 N	170.25 -1.84 0.00 N	81.76 -1.11 0.00 N	59.73 -0.61 0.00 N	59.87 -0.24 0.00 N	54.76 -0.15 0.00 N	44.73 0.10 0.00 N	
HQ_GEN_IMPORT 323601	88.62 -0.02 0.00 N	42.00 0.00 -0.42 N	97.28 0.09 0.00 N	134.74 0.46 0.00 N	63.00 -0.35 23.58 N	64.00 -0.99 25.01 N	60.58 0.00 20.00 N	41.70 -0.02 0.00 N	37.15 -0.08 0.00 N	64.30 -0.14 0.00 N	54.42 -0.22 0.00 N	55.57 -0.17 0.00 N	45.55 -0.13 0.00 N	52.92 -0.19 0.00 N	52.13 -0.13 -9.12 N	43.31 -0.16 0.00 N	40.24 -0.16 0.00 N	49.00 -0.14 -1.53 N	63.00 -0.77 6.48 N	62.00 -1.14 8.22 N	59.79 -0.55 0.00 N	59.91 -0.20 0.00 N	54.81 -0.10 0.00 N	44.57 -0.05 0.00 N	
HQ_GEN_WHEEL 23651	88.62 -0.02 0.00 N	42.00 0.00 -0.42 N	97.28 0.09 0.00 N	134.74 0.46 0.00 N	63.00 -0.35 23.58 N	73.74 -0.61 0.00 N	60.69 0.00 19.88 N	41.70 -0.02 0.00 N	37.15 -0.08 0.00 N	64.30 -0.14 0.00 N	54.42 -0.22 0.00 N	55.57 -0.17 0.00 N	45.55 -0.13 0.00 N	52.92 -0.19 0.00 N	52.13 -0.13 -9.12 N	43.31 -0.16 0.00 N	40.24 -0.16 0.00 N	49.00 -0.14 -1.53 N	170.63 -1.46 0.00 N	81.90 -0.97 0.00 N	59.79 -0.55 0.00 N	59.91 -0.20 0.00 N	54.81 -0.10 0.00 N	44.57 -0.05 0.00 N	
HUDSON AVE_GT_3 23810	94.34 5.69 0.00 N	134.81 5.70 0.00 N	101.59 4.40 0.00 N	138.73 4.45 0.00 N	70.57 3.40 0.00 N	78.80 4.45 0.00 N	75.13 4.06 0.00 N	46.50 2.20 -2.58 N	39.34 2.10 0.00 N	74.71 4.04 -6.23 N	58.20 3.57 0.00 N	59.51 3.77 0.00 N	48.85 3.17 0.00 N	56.65 3.53 0.00 N	42.71 2.73 0.00 N	46.50 3.03 0.00 N	43.23 2.83 0.00 N	42.19 2.61 0.00 N	184.51 12.42 0.00 N	89.38 6.52 0.00 N	65.11 4.77 0.00 N	64.19 4.08 0.00 N	58.51 3.60 0.00 N	47.27 2.64 0.00 N	
HUDSON AVE_GT_4	94.34	134.81	101.59	138.73	70.57	78.80	75.13	46.50	39.34	74.71	58.20	59.51	48.85	56.65	42.71	46.50	43.23	42.19	184.51	89.38	65.11	64.19	58.51	47.27	

















	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
NUCOR_STEEL____DRP 24197	86.33 -2.31 0.00 N	124.94 -4.18 0.00 N	94.26 -2.93 0.00 N	130.68 -3.60 0.00 N	65.53 -1.65 0.00 N	73.31 -1.04 0.00 N	69.35 -1.73 0.00 N	40.86 -1.13 0.00 N	36.38 -0.86 0.00 N	63.35 -1.74 0.00 N	53.57 -1.06 0.00 N	54.72 -1.02 0.00 N	44.77 -0.92 0.00 N	52.25 -0.85 0.00 N	39.24 -0.73 0.00 N	42.58 -0.89 0.00 N	39.55 -0.85 0.00 N	38.96 -0.62 0.00 N	170.79 -1.30 0.00 N	82.64 -0.22 0.00 N	59.67 -0.67 0.00 N	59.19 -0.93 0.00 N	53.69 -1.22 0.00 N	43.63 -1.00 0.00 N	
NYISO_LBMP_REFERENCE 24008	88.64 0.00 0.00 N	129.11 0.00 0.00 N	97.19 0.00 0.00 N	134.28 0.00 0.00 N	67.18 0.00 0.00 N	74.35 0.00 0.00 N	71.07 0.00 0.00 N	41.72 0.00 0.00 N	37.24 0.00 0.00 N	64.44 0.00 0.00 N	54.63 0.00 0.00 N	55.74 0.00 0.00 N	45.68 0.00 0.00 N	53.11 0.00 0.00 N	39.97 0.00 0.00 N	43.47 0.00 0.00 N	40.40 0.00 0.00 N	39.58 0.00 0.00 N	172.09 0.00 0.00 N	82.87 0.00 0.00 N	60.34 0.00 0.00 N	60.11 0.00 0.00 N	54.91 0.00 0.00 N	44.63 0.00 0.00 N	
NYPA_BRENTWD____GT 24164	95.08 6.43 0.00 N	135.30 6.18 0.00 N	102.44 5.25 0.00 N	138.92 4.64 0.00 N	71.20 4.02 0.00 N	79.53 5.18 0.00 N	75.41 4.34 0.00 N	46.66 2.36 0.00 N	39.69 2.45 0.00 N	75.45 4.78 0.00 N	58.99 4.36 0.00 N	60.36 4.62 0.00 N	49.56 3.87 0.00 N	57.49 4.38 0.00 N	43.34 3.36 0.00 N	47.17 3.69 0.00 N	43.79 3.39 0.00 N	42.71 3.13 0.00 N	187.56 15.47 0.00 N	91.02 8.15 0.00 N	66.30 5.97 0.00 N	65.48 5.36 0.00 N	59.71 4.80 0.00 N	47.89 3.26 0.00 N	
NYPA_GOWANUS____GT5 24156	94.59 5.94 0.00 N	134.95 5.83 0.00 N	101.67 4.48 0.00 N	138.69 4.41 0.00 N	70.67 3.49 0.00 N	78.85 4.50 0.00 N	75.22 4.15 0.00 N	46.56 2.26 0.00 N	39.38 2.14 0.00 N	74.82 4.14 0.00 N	58.27 3.63 0.00 N	59.59 3.85 0.00 N	84.58 3.21 -35.68 N	75.66 3.52 -19.03 N	86.58 2.78 -43.83 N	82.30 3.09 -35.74 N	43.28 2.88 0.00 N	93.70 2.65 -51.47 N	254.76 12.18 -70.49 N	356.13 6.50 -266.77 N	237.52 4.82 -172.36 N	64.24 4.13 0.00 N	58.61 3.70 0.00 N	47.37 2.74 0.00 N	
NYPA_GOWANUS____GT6 24157	94.59 5.94 0.00 N	134.95 5.83 0.00 N	101.67 4.48 0.00 N	138.69 4.41 0.00 N	70.67 3.49 0.00 N	78.85 4.50 0.00 N	75.22 4.15 0.00 N	46.56 2.26 0.00 N	39.38 2.14 0.00 N	74.82 4.14 0.00 N	58.27 3.63 0.00 N	59.59 3.85 0.00 N	84.58 3.21 -35.68 N	75.66 3.52 -19.03 N	86.58 2.78 -43.83 N	82.30 3.09 -35.74 N	43.28 2.88 0.00 N	93.70 2.65 -51.47 N	254.76 12.18 -70.49 N	356.13 6.50 -266.77 N	237.52 4.82 -172.36 N	64.24 4.13 0.00 N	58.61 3.70 0.00 N	47.37 2.74 0.00 N	
NYPA_HARLEM_RVR_GT1 24160	94.35 5.71 0.00 N	134.78 5.66 0.00 N	101.83 4.64 0.00 N	138.52 4.23 0.00 N	70.82 3.65 0.00 N	78.76 4.41 0.00 N	75.10 4.03 0.00 N	46.47 2.17 0.00 N	39.25 2.01 0.00 N	74.56 3.89 0.00 N	58.10 3.47 0.00 N	59.43 3.69 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.66 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.86 10.77 0.00 N	89.15 6.29 0.00 N	65.02 4.68 0.00 N	64.07 3.96 0.00 N	58.44 3.53 0.00 N	47.26 2.63 0.00 N	
NYPA_HARLEM_RVR_GT2 24161	94.35 5.71 0.00 N	134.78 5.66 0.00 N	101.83 4.64 0.00 N	138.52 4.23 0.00 N	70.82 3.65 0.00 N	78.76 4.41 0.00 N	75.10 4.03 0.00 N	46.47 2.17 0.00 N	39.25 2.01 0.00 N	74.56 3.89 0.00 N	58.10 3.47 0.00 N	59.43 3.69 0.00 N	48.78 3.10 0.00 N	56.52 3.42 0.00 N	42.64 2.66 0.00 N	46.44 2.97 0.00 N	43.16 2.76 0.00 N	42.10 2.52 0.00 N	182.86 10.77 0.00 N	89.15 6.29 0.00 N	65.02 4.68 0.00 N	64.07 3.96 0.00 N	58.44 3.53 0.00 N	47.26 2.63 0.00 N	
NYPA_KENT____GT 24152	94.45 5.80 0.00 N	134.79 5.68 0.00 N	101.60 4.40 0.00 N	138.59 4.31 0.00 N	70.62 3.44 0.00 N	78.80 4.46 0.00 N	75.18 4.11 0.00 N	46.54 2.24 0.00 N	39.36 2.13 0.00 N	74.76 4.09 0.00 N	58.22 3.58 0.00 N	59.54 3.79 0.00 N	48.89 3.20 0.00 N	56.62 3.51 0.00 N	42.72 2.74 0.00 N	46.53 3.05 0.00 N	43.25 2.85 0.00 N	42.20 2.62 0.00 N	184.06 11.97 0.00 N	89.27 6.40 0.00 N	65.09 4.75 0.00 N	64.18 4.06 0.00 N	58.55 3.64 0.00 N	47.33 2.70 0.00 N	
NYPA_POUCH1____GT 24155	94.37 5.73 0.00 N	134.59 5.47 0.00 N	101.37 4.18 0.00 N	138.30 4.02 0.00 N	70.47 3.30 0.00 N	78.66 4.31 0.00 N	75.02 3.95 0.00 N	46.44 2.14 0.00 N	39.27 2.03 0.00 N	74.62 3.95 0.00 N	58.06 3.43 0.00 N	59.38 3.64 0.00 N	84.39 3.02 -35.68 N	75.45 3.31 -19.03 N	86.44 2.63 -43.83 N	82.18 2.97 -35.74 N	43.13 2.74 0.00 N	93.56 2.51 -51.47 N	254.22 11.64 -70.49 N	355.89 6.26 -266.77 N	237.34 4.65 -172.36 N	64.06 3.95 0.00 N	58.41 3.51 0.00 N	47.22 2.59 0.00 N	
NYPA_VERNON____GT2 24162	94.29 5.65 0.00 N	134.66 5.54 0.00 N	101.57 4.37 0.00 N	138.51 4.23 0.00 N	70.60 3.42 0.00 N	78.76 4.41 0.00 N	75.14 4.07 0.00 N	46.53 2.22 0.00 N	39.34 2.11 0.00 N	74.72 4.04 0.00 N	58.19 3.55 0.00 N	59.50 3.76 0.00 N	48.86 3.18 0.00 N	56.62 3.50 0.00 N	42.68 2.70 0.00 N	46.48 3.01 0.00 N	43.21 2.81 0.00 N	42.16 2.58 0.00 N	183.82 11.73 0.00 N	89.13 6.26 0.00 N	65.00 4.66 0.00 N	64.12 4.00 0.00 N	58.48 3.57 0.00 N	47.29 2.66 0.00 N	
NYPA_VERNON____GT3 24163	94.29 5.65 0.00 N	134.66 5.54 0.00 N	101.57 4.37 0.00 N	138.51 4.23 0.00 N	70.60 3.42 0.00 N	78.76 4.41 0.00 N	75.14 4.07 0.00 N	46.53 2.22 0.00 N	39.34 2.11 0.00 N	74.72 4.04 0.00 N	58.19 3.55 0.00 N	59.50 3.76 0.00 N	48.86 3.18 0.00 N	56.62 3.50 0.00 N	42.68 2.70 0.00 N	46.48 3.01 0.00 N	43.21 2.81 0.00 N	42.16 2.58 0.00 N	183.82 11.73 0.00 N	89.13 6.26 0.00 N	65.00 4.66 0.00 N	64.12 4.00 0.00 N	58.48 3.57 0.00 N	47.29 2.66 0.00 N	
NYPA____ASTORIA_CC1 323568	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 0.00 N	39.32 2.08 0.00 N	74.68 4.01 0.00 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N	
NYPA____ASTORIA_CC2 323569	94.18 5.54 0.00 N	134.55 5.43 0.00 N	101.47 4.28 0.00 N	138.40 4.12 0.00 N	70.57 3.39 0.00 N	78.71 4.36 0.00 N	75.10 4.04 0.00 N	46.51 2.21 0.00 N	39.32 2.08 0.00 N	74.68 4.01 0.00 N	58.14 3.50 0.00 N	59.45 3.71 0.00 N	48.83 3.15 0.00 N	56.58 3.48 0.00 N	42.65 2.68 0.00 N	46.45 2.98 0.00 N	43.18 2.78 0.00 N	42.14 2.56 0.00 N	183.59 11.50 0.00 N	89.05 6.18 0.00 N	64.94 4.61 0.00 N	64.06 3.95 0.00 N	58.45 3.54 0.00 N	47.26 2.63 0.00 N	
NYPA____HOLTSVILL	94.68	134.93	102.26	138.65	71.12	79.44	75.13	46.46	39.52	75.14	58.69	60.03	49.30	57.17	43.10	47.05	43.58	42.57	186.84	90.77	66.11	65.23	59.49	47.66	

















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