

Time Weighted/Integrated Real Time LBMP- Generator

| --- LBMP \$ | | --- Marginal Cost of Losses | | | | | | | | | | --- Marginal Cost of Congestion | | | | | | | | | | --- Scarcity Pricing In Effect (Y/N) | | | | | | | | | |
|---------------------|-------|-----------------------------|--------|--------|-------|--------|--------|--------|--------|--------|--------|---------------------------------|---------|---------|--------|--------|--------|---------|---------|---------|--------|--------------------------------------|--------|--------|--------|-----|-----|-----|-----|-----|-----|
| Generator Data | | 04/06/2007 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | PTID | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 | | | | | | |
| 59TH STREET_GT_1 | 24138 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 62.48 | 58.23 | 45.05 | 31.54 | 45.36 | 60.91 | 64.09 | 83.74 | 73.27 | 90.44 | 86.33 | 124.10 | 108.56 | 92.18 | 93.77 | 85.90 | 142.08 | 98.38 | 99.69 | 88.21 | 89.09 | 90.23 | 94.48 | 91.04 | | | | | | |
| | | 2.17 | 1.67 | 0.02 | 2.10 | 1.62 | 1.31 | 2.41 | 0.96 | 3.02 | 3.11 | 2.39 | 1.64 | 1.23 | 2.57 | 1.67 | 1.61 | 0.45 | 0.68 | 0.72 | 2.35 | 1.93 | 4.10 | 4.52 | 3.75 | | | | | | |
| | | -34.36 | -34.95 | -44.76 | -0.70 | -22.23 | -42.73 | -34.44 | -72.28 | -40.06 | -56.57 | -61.27 | -107.54 | -95.90 | -66.08 | -76.67 | -69.21 | -137.45 | -90.90 | -91.86 | -63.08 | -68.11 | -44.70 | -42.94 | -45.37 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| 74TH STREET_GT_1 | 24260 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 62.53 | 58.26 | 45.05 | 31.58 | 45.39 | 60.94 | 64.14 | 83.75 | 73.32 | 90.49 | 86.38 | 124.13 | 108.58 | 92.23 | 93.80 | 85.93 | 142.10 | 98.40 | 99.72 | 88.24 | 89.13 | 90.29 | 94.57 | 91.12 | | | | | | |
| | | 2.21 | 1.70 | 0.02 | 2.14 | 1.65 | 1.33 | 2.46 | 0.97 | 3.07 | 3.16 | 2.44 | 1.65 | 1.25 | 2.61 | 1.70 | 1.64 | 0.46 | 0.69 | 0.74 | 2.38 | 1.96 | 4.16 | 4.61 | 3.82 | | | | | | |
| | | -34.37 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.45 | -72.28 | -40.07 | -56.57 | -61.27 | -107.55 | -95.91 | -66.09 | -76.68 | -69.22 | -137.46 | -90.91 | -91.87 | -63.08 | -68.11 | -44.70 | -42.95 | -45.37 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| 74TH STREET_GT_2 | 24261 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 62.53 | 58.26 | 45.05 | 31.58 | 45.39 | 60.94 | 64.14 | 83.75 | 73.32 | 90.49 | 86.38 | 124.13 | 108.58 | 92.23 | 93.80 | 85.93 | 142.10 | 98.40 | 99.72 | 88.24 | 89.13 | 90.29 | 94.57 | 91.12 | | | | | | |
| | | 2.21 | 1.70 | 0.02 | 2.14 | 1.65 | 1.33 | 2.46 | 0.97 | 3.07 | 3.16 | 2.44 | 1.65 | 1.25 | 2.61 | 1.70 | 1.64 | 0.46 | 0.69 | 0.74 | 2.38 | 1.96 | 4.16 | 4.61 | 3.82 | | | | | | |
| | | -34.37 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.45 | -72.28 | -40.07 | -56.57 | -61.27 | -107.55 | -95.91 | -66.09 | -76.68 | -69.22 | -137.46 | -90.91 | -91.87 | -63.08 | -68.11 | -44.70 | -42.95 | -45.37 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK HUDSON__FALLS | 24011 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 71.35 | 67.46 | 57.54 | 31.21 | 51.12 | 72.47 | 73.02 | 103.73 | 83.71 | 105.25 | 102.58 | 153.53 | 134.86 | 109.54 | 114.47 | 104.53 | 180.28 | 123.54 | 125.13 | 104.97 | 107.67 | 101.14 | 104.92 | 102.58 | | | | | | |
| | | 1.44 | 1.14 | 0.02 | 1.58 | 1.17 | 0.94 | 1.72 | 0.77 | 2.27 | 2.12 | 1.52 | 1.02 | 0.74 | 1.46 | 0.96 | 0.91 | 0.25 | 0.38 | 0.42 | 1.41 | 1.25 | 2.46 | 2.93 | 2.55 | | | | | | |
| | | -43.96 | -44.72 | -57.26 | -0.90 | -28.44 | -54.66 | -44.06 | -92.46 | -51.26 | -72.38 | -78.39 | -137.58 | -122.69 | -84.55 | -98.10 | -88.55 | -175.85 | -116.37 | -117.59 | -80.78 | -87.36 | -57.25 | -54.97 | -58.10 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK RESOURCE__RCVRY | 23798 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 71.35 | 67.46 | 57.54 | 31.21 | 51.12 | 72.47 | 73.02 | 103.73 | 83.71 | 105.25 | 102.58 | 153.53 | 134.86 | 109.54 | 114.47 | 104.53 | 180.28 | 123.54 | 125.13 | 104.97 | 107.67 | 101.14 | 104.92 | 102.58 | | | | | | |
| | | 1.44 | 1.14 | 0.02 | 1.58 | 1.17 | 0.94 | 1.72 | 0.77 | 2.27 | 2.12 | 1.52 | 1.02 | 0.74 | 1.46 | 0.96 | 0.91 | 0.25 | 0.38 | 0.42 | 1.41 | 1.25 | 2.46 | 2.93 | 2.55 | | | | | | |
| | | -43.96 | -44.72 | -57.26 | -0.90 | -28.44 | -54.66 | -44.06 | -92.46 | -51.26 | -72.38 | -78.39 | -137.58 | -122.69 | -84.55 | -98.10 | -88.55 | -175.85 | -116.37 | -117.59 | -80.78 | -87.36 | -57.25 | -54.97 | -58.10 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK S GLENS__FALLS | 24028 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 71.35 | 67.46 | 57.54 | 31.21 | 51.12 | 72.47 | 73.02 | 103.73 | 83.71 | 105.25 | 102.58 | 153.53 | 134.86 | 109.54 | 114.47 | 104.53 | 180.28 | 123.54 | 125.13 | 104.97 | 107.67 | 101.14 | 104.92 | 102.58 | | | | | | |
| | | 1.44 | 1.14 | 0.02 | 1.58 | 1.17 | 0.94 | 1.72 | 0.77 | 2.27 | 2.12 | 1.52 | 1.02 | 0.74 | 1.46 | 0.96 | 0.91 | 0.25 | 0.38 | 0.42 | 1.41 | 1.25 | 2.46 | 2.93 | 2.55 | | | | | | |
| | | -43.96 | -44.72 | -57.26 | -0.90 | -28.44 | -54.66 | -44.06 | -92.46 | -51.26 | -72.38 | -78.39 | -137.58 | -122.69 | -84.55 | -98.10 | -88.55 | -175.85 | -116.37 | -117.59 | -80.78 | -87.36 | -57.25 | -54.97 | -58.10 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ADK_NYS__DAM | 23527 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 70.07 | 66.24 | 56.07 | 31.11 | 50.37 | 70.99 | 71.69 | 101.13 | 81.67 | 102.88 | 100.26 | 149.80 | 131.59 | 107.11 | 111.78 | 102.13 | 175.73 | 120.47 | 122.00 | 102.51 | 105.05 | 99.05 | 102.71 | 100.67 | | | | | | |
| | | 1.29 | 1.07 | 0.01 | 1.50 | 1.16 | 0.86 | 1.53 | 0.55 | 1.55 | 1.60 | 1.21 | 0.81 | 0.62 | 1.20 | 0.78 | 0.77 | 0.21 | 0.30 | 0.32 | 1.03 | 0.89 | 1.85 | 2.14 | 2.11 | | | | | | |
| | | -42.83 | -43.57 | -55.79 | -0.88 | -27.71 | -53.26 | -42.93 | -90.08 | -49.94 | -70.52 | -76.37 | -134.06 | -119.55 | -82.39 | -95.58 | -86.28 | -171.34 | -113.37 | -114.56 | -78.70 | -85.10 | -55.78 | -53.56 | -56.63 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| AIR_PRODUCTS__DRP | 24190 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 69.73 | 65.95 | 56.63 | 30.20 | 50.04 | 71.05 | 71.22 | 101.71 | 81.29 | 102.66 | 100.31 | 150.65 | 132.39 | 107.22 | 112.27 | 102.53 | 177.32 | 121.41 | 122.94 | 102.69 | 105.44 | 98.59 | 102.00 | 99.79 | | | | | | |
| | | 0.52 | 0.33 | 0.01 | 0.58 | 0.54 | 0.38 | 0.62 | 0.21 | 0.67 | 0.68 | 0.50 | 0.33 | 0.23 | 0.49 | 0.32 | 0.31 | 0.09 | 0.13 | 0.13 | 0.43 | 0.39 | 0.83 | 0.90 | 0.75 | | | | | | |
| | | -43.26 | -44.01 | -56.36 | -0.89 | -27.99 | -53.80 | -43.36 | -91.00 | -50.44 | -71.22 | -77.14 | -135.39 | -120.74 | -83.21 | -96.54 | -87.14 | -173.05 | -114.49 | -115.69 | -79.48 | -85.98 | -56.33 | -54.08 | -57.11 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ALBANY__1 | 23571 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 69.73 | 65.95 | 56.63 | 30.20 | 50.04 | 71.05 | 71.22 | 101.71 | 81.29 | 102.66 | 100.31 | 150.65 | 132.39 | 107.22 | 112.27 | 102.53 | 177.32 | 121.41 | 122.94 | 102.69 | 105.44 | 98.59 | 102.00 | 99.79 | | | | | | |
| | | 0.52 | 0.33 | 0.01 | 0.58 | 0.54 | 0.38 | 0.62 | 0.21 | 0.67 | 0.68 | 0.50 | 0.33 | 0.23 | 0.49 | 0.32 | 0.31 | 0.09 | 0.13 | 0.13 | 0.43 | 0.39 | 0.83 | 0.90 | 0.75 | | | | | | |
| | | -43.26 | -44.01 | -56.36 | -0.89 | -27.99 | -53.80 | -43.36 | -91.00 | -50.44 | -71.22 | -77.14 | -135.39 | -120.74 | -83.21 | -96.54 | -87.14 | -173.05 | -114.49 | -115.69 | -79.48 | -85.98 | -56.33 | -54.08 | -57.11 | | | | | | |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| ALBANY__2 | 23572 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| | | 69.73 | 65.95 | 56.63 | 30.20 | 50.04 | 71.05 | 71.22 | 101.71 | 81.29 | 102.66 | 100.31 | 150.65 | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|
| 23573 | 0.52 -43.26 N | 0.33 -44.01 N | 0.01 -56.36 N | 0.58 -0.89 N | 0.54 -27.99 N | 0.38 -53.80 N | 0.62 -43.36 N | 0.21 -91.00 N | 0.67 -50.44 N | 0.68 -71.22 N | 0.50 -77.14 N | 0.33 -135.39 N | 0.23 -120.74 N | 0.49 -83.21 N | 0.32 -96.54 N | 0.31 -87.14 N | 0.09 -173.05 N | 0.13 -114.49 N | 0.13 -115.69 N | 0.43 -79.48 N | 0.39 -85.98 N | 0.83 -56.33 N | 0.90 -54.08 N | 0.75 -57.11 N |
| ALBANY____4 23574 | 69.73 0.52 -43.26 N | 65.95 0.33 -44.01 N | 56.63 0.01 -56.36 N | 30.20 0.58 -0.89 N | 50.04 0.54 -27.99 N | 71.05 0.38 -53.80 N | 71.22 0.62 -43.36 N | 101.71 0.21 -91.00 N | 81.29 0.67 -50.44 N | 102.66 0.68 -71.22 N | 100.31 0.50 -77.14 N | 150.65 0.33 -135.39 N | 132.39 0.23 -120.74 N | 107.22 0.49 -83.21 N | 112.27 0.32 -96.54 N | 102.53 0.31 -87.14 N | 177.32 0.09 -173.05 N | 121.41 0.13 -114.49 N | 122.94 0.13 -115.69 N | 102.69 0.43 -79.48 N | 105.44 0.39 -85.98 N | 98.59 0.83 -56.33 N | 102.00 0.90 -54.08 N | 99.79 0.75 -57.11 N |
| ALCOA_RYNLDS____DRP 24188 | 25.35 -0.60 0.00 N | 21.26 -0.34 0.00 N | 0.27 0.00 0.00 N | 28.31 -0.43 0.00 N | 21.08 -0.42 0.00 N | 16.62 -0.26 0.00 N | 26.68 -0.56 0.00 N | 10.22 -0.28 0.00 N | 29.10 -1.09 0.00 N | 29.61 -1.15 0.00 N | 21.83 -0.85 0.00 N | 14.32 -0.61 0.00 N | 11.01 -0.41 0.00 N | 22.64 -0.88 0.00 N | 14.83 -0.58 0.00 N | 14.61 -0.47 0.00 N | 4.04 -0.13 0.00 N | 6.59 -0.21 0.00 N | 6.90 -0.22 0.00 N | 22.11 -0.67 0.00 N | 18.53 -0.53 0.00 N | 40.35 -1.08 0.00 N | 45.95 -1.07 0.00 N | 41.15 -0.77 0.00 N |
| ALLEGHENY____COGEN 23514 | 32.22 0.22 -6.06 N | 27.63 -0.13 -6.16 N | 8.14 -0.02 -7.89 N | 28.52 -0.33 -0.12 N | 25.31 -0.11 -3.92 N | 24.25 -0.15 -7.53 N | 33.46 0.15 -6.07 N | 23.52 0.28 -12.74 N | 37.90 0.66 -7.06 N | 41.38 0.65 -9.97 N | 33.96 0.49 -10.80 N | 34.28 0.39 -18.95 N | 28.55 0.22 -16.90 N | 35.65 0.48 -11.65 N | 29.26 0.34 -13.51 N | 27.61 0.33 -12.20 N | 28.50 0.09 -24.23 N | 23.03 0.15 -16.08 N | 23.52 0.15 -16.25 N | 34.34 0.40 -11.16 N | 31.45 0.34 -12.05 N | 49.98 0.65 -7.90 N | 55.19 0.59 -7.59 N | 49.81 -0.13 -8.01 N |
| AMERICAN_REF_FUEL 24010 | 29.89 -1.45 -5.39 N | 25.51 -1.58 -5.49 N | 7.26 -0.04 -7.03 N | 26.60 -2.24 -0.11 N | 23.43 -1.56 -3.49 N | 22.03 -1.55 -6.71 N | 30.33 -2.31 -5.41 N | 21.09 -0.76 -11.35 N | 34.03 -2.44 -6.29 N | 37.03 -2.61 -8.88 N | 30.46 -1.83 -9.61 N | 30.56 -1.24 -16.88 N | 25.57 -0.90 -15.05 N | 32.10 -1.80 -10.37 N | 26.35 -1.09 -12.03 N | 24.93 -1.01 -10.86 N | 25.48 -0.28 -21.58 N | 20.68 -0.44 -14.32 N | 21.09 -0.49 -14.48 N | 30.90 -1.83 -9.94 N | 28.24 -1.55 -10.73 N | 45.07 -3.39 -7.03 N | 50.06 -3.71 -6.75 N | 45.53 -3.53 -7.13 N |
| ARTHUR_KILL_GT_1 23520 | 62.49 2.17 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.51 2.07 -0.70 N | 45.33 1.59 -22.23 N | 60.89 1.29 -42.73 N | 64.12 2.44 -34.45 N | 83.73 0.94 -72.28 N | 73.24 2.99 -40.07 N | 90.33 2.99 -56.57 N | 86.27 2.33 -61.27 N | 124.04 1.56 -107.55 N | 108.50 1.18 -95.91 N | 92.04 2.43 -66.09 N | 93.67 1.57 -76.68 N | 85.86 1.57 -69.22 N | 142.07 0.43 -137.46 N | 98.36 0.66 -90.91 N | 99.67 0.69 -91.87 N | 88.02 2.16 -63.08 N | 88.98 1.81 -68.11 N | 90.03 3.90 -44.70 N | 94.47 4.51 -42.95 N | 90.78 3.48 -45.37 N |
| ARTHUR_KILL_2 23512 | 62.49 2.17 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.51 2.07 -0.70 N | 45.33 1.59 -22.23 N | 60.89 1.29 -42.73 N | 64.12 2.44 -34.45 N | 83.73 0.94 -72.28 N | 73.24 2.99 -40.07 N | 90.33 2.99 -56.57 N | 86.27 2.33 -61.27 N | 124.04 1.56 -107.55 N | 108.50 1.18 -95.91 N | 92.04 2.43 -66.09 N | 93.67 1.57 -76.68 N | 85.86 1.57 -69.22 N | 142.07 0.43 -137.46 N | 98.36 0.66 -90.91 N | 99.67 0.69 -91.87 N | 88.02 2.16 -63.08 N | 88.98 1.81 -68.11 N | 90.03 3.90 -44.70 N | 94.47 4.51 -42.95 N | 90.78 3.48 -45.37 N |
| ARTHUR_KILL_3 23513 | 62.37 2.06 -34.37 N | 58.14 1.58 -34.96 N | 45.05 0.02 -44.76 N | 31.42 1.98 -0.70 N | 45.27 1.53 -22.23 N | 60.84 1.24 -42.73 N | 64.00 2.32 -34.44 N | 83.69 0.91 -72.28 N | 73.13 2.88 -40.07 N | 90.30 2.97 -56.57 N | 86.24 2.30 -61.27 N | 124.03 1.55 -107.54 N | 108.51 1.18 -95.91 N | 92.07 2.46 -66.09 N | 93.70 1.60 -76.68 N | 85.84 1.55 -69.21 N | 142.07 0.44 -137.45 N | 98.35 0.65 -90.91 N | 99.67 0.69 -91.86 N | 88.10 2.24 -63.08 N | 89.02 1.85 -68.11 N | 90.05 3.93 -44.70 N | 94.34 4.38 -42.94 N | 90.96 3.66 -45.37 N |
| ASHOKAN____ 23654 | 65.08 2.05 -37.09 N | 60.94 1.61 -37.73 N | 48.60 0.02 -48.32 N | 31.52 2.03 -0.76 N | 47.07 1.56 -24.00 N | 64.25 1.25 -46.12 N | 66.66 2.25 -37.18 N | 89.44 0.92 -78.02 N | 76.30 2.88 -43.24 N | 94.80 2.99 -61.05 N | 91.05 2.26 -66.12 N | 132.52 1.53 -116.05 N | 116.06 1.14 -103.50 N | 97.20 2.36 -71.32 N | 99.69 1.52 -82.75 N | 91.23 1.46 -74.69 N | 152.93 0.41 -148.33 N | 105.55 0.64 -98.11 N | 106.94 0.69 -99.15 N | 92.88 2.19 -67.91 N | 93.37 1.75 -72.56 N | 93.40 3.89 -48.07 N | 97.65 4.28 -46.35 N | 94.29 3.41 -48.96 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 62.59 2.28 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.22 -0.70 N | 45.46 1.72 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.93 -72.28 N | 73.28 3.03 -40.07 N | 90.45 3.12 -56.57 N | 86.31 2.36 -61.27 N | 124.03 1.55 -107.55 N | 108.57 1.23 -95.91 N | 92.18 2.56 -66.09 N | 93.77 1.67 -76.68 N | 85.91 1.62 -69.22 N | 142.10 0.46 -137.46 N | 98.38 0.68 -90.91 N | 99.69 0.71 -91.87 N | 88.17 2.31 -63.08 N | 89.11 1.94 -68.11 N | 90.34 4.21 -44.70 N | 94.69 4.72 -42.95 N | 91.29 3.99 -45.37 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 62.59 2.27 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.22 -0.70 N | 45.46 1.72 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.04 -40.07 N | 90.46 3.13 -56.57 N | 86.31 2.37 -61.27 N | 124.04 1.56 -107.55 N | 108.57 1.23 -95.91 N | 92.18 2.56 -66.09 N | 93.77 1.67 -76.68 N | 85.92 1.63 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.68 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.36 4.23 -44.70 N | 94.70 4.74 -42.95 N | 91.28 3.98 -45.37 N |
| ASTORIA_GT2_1 24094 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT2_2 24095 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT2_3 24096 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |

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| ASTORIA_GT2_4 24097 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT3_1 24098 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT3_2 24099 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT3_3 24100 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT3_4 24101 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT4_1 24102 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N |
| ASTORIA_GT4_2 24103 | 62.61 2.29 - | | | | | | | | | | | | | | | | | | | | | | | |

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| | 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 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N | | |
| ASTORIA_GT_7 24107 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N | | |
| ASTORIA_GT_8 24108 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N | | |
| ASTORIA___2 24149 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N | | |
| ASTORIA___3 23516 | 62.55 2.23 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.17 -0.70 N | 45.41 1.67 -22.23 N | 60.93 1.33 -42.73 N | 64.15 2.47 -34.45 N | 83.75 0.96 -72.28 N | 73.34 3.09 -40.07 N | 90.49 3.16 -56.57 N | 86.37 2.43 -61.27 N | 124.11 1.63 -107.55 N | 108.57 1.24 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.93 1.64 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.26 4.13 -44.70 N | 94.60 4.63 -42.95 N | 91.08 3.79 -45.37 N | | |
| ASTORIA___4 23517 | 62.55 2.23 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.17 -0.70 N | 45.41 1.67 -22.23 N | 60.93 1.33 -42.73 N | 64.15 2.47 -34.45 N | 83.75 0.96 -72.28 N | 73.34 3.09 -40.07 N | 90.49 3.16 -56.57 N | 86.37 2.43 -61.27 N | 124.11 1.63 -107.55 N | 108.57 1.24 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.93 1.64 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.26 4.13 -44.70 N | 94.60 4.63 -42.95 N | 91.08 3.79 -45.37 N | | |
| ASTORIA___5 23518 | 62.61 2.29 -34.37 N | 58.33 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.47 1.73 -22.23 N | 60.93 1.33 -42.73 N | 64.18 2.50 -34.45 N | 83.72 0.94 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.13 -56.57 N | 86.32 2.37 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.69 0.71 -91.87 N | 88.18 2.32 -63.08 N | 89.12 1.95 -68.11 N | 90.37 4.24 -44.70 N | 94.71 4.75 -42.95 N | 91.30 4.00 -45.37 N | | |
| ATHENS_STG_1 23668 | 65.15 1.13 -38.08 N | 61.22 0.88 -38.74 N | 49.88 0.01 -49.60 N | 30.67 1.16 -0.78 N | 47.05 0.91 -24.63 N | 64.90 0.68 -47.35 N | 66.58 1.17 -38.17 N | 91.07 0.48 -80.09 N | 76.07 1.49 -44.39 N | 94.95 1.51 -62.68 N | 91.68 1.12 -67.89 N | 134.86 0.77 -119.17 N | 118.26 0.57 -106.27 N | 97.94 1.18 -73.23 N | 101.15 0.77 -84.96 N | 92.52 0.75 -76.69 N | 156.69 0.21 -152.31 N | 107.84 0.32 -100.72 N | 109.24 0.34 -101.79 N | 93.76 1.08 -69.90 N | 95.47 0.90 -75.51 N | 92.91 1.95 -49.54 N | 96.80 2.20 -47.58 N | 93.99 1.81 -50.25 N | | |
| ATHENS_STG_2 23670 | 65.15 1.13 -38.08 N | 61.22 0.88 -38.74 N | 49.88 0.01 -49.60 N | 30.67 1.16 -0.78 N | 47.05 0.91 -24.63 N | 64.90 0.68 -47.35 N | 66.58 1.17 -38.17 N | 91.07 0.48 -80.09 N | 76.07 1.49 -44.39 N | 94.95 1.51 -62.68 N | 91.68 1.12 -67.89 N | 134.86 0.77 -119.17 N | 118.26 0.57 -106.27 N | 97.94 1.18 -73.23 N | 101.15 0.77 -84.96 N | 92.52 0.75 -76.69 N | 156.69 0.21 -152.31 N | 107.84 0.32 -100.72 N | 109.24 0.34 -101.79 N | 93.76 1.08 -69.90 N | 95.47 0.90 -75.51 N | 92.91 1.95 -49.54 N | 96.80 2.20 -47.58 N | 93.99 1.81 -50.25 N | | |
| ATHENS_STG_3 23677 | 65.15 1.13 -38.08 N | 61.22 0.88 -38.74 N | 49.88 0.01 -49.60 N | 30.67 1.16 -0.78 N | 47.05 0.91 -24.63 N | 64.90 0.68 -47.35 N | 66.58 1.17 -38.17 N | 91.07 0.48 -80.09 N | 76.07 1.49 -44.39 N | 94.95 1.51 -62.68 N | 91.68 1.12 -67.89 N | 134.86 0.77 -119.17 N | 118.26 0.57 -106.27 N | 97.94 1.18 -73.23 N | 101.15 0.77 -84.96 N | 92.52 0.75 -76.69 N | 156.69 0.21 -152.31 N | 107.84 0.32 -100.72 N | 109.24 0.34 -101.79 N | 93.76 1.08 -69.90 N | 95.47 0.90 -75.51 N | 92.91 1.95 -49.54 N | 96.80 2.20 -47.58 N | 93.99 1.81 -50.25 N | | |
| BARRETT_IC_1 23704 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N | | |
| BARRETT_IC_10 23701 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N | | |
| BARRETT_IC_11 23702 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N | | |
| BARRETT_IC_12 | 67.13 | 58.58 | 45.07 | 31.98 | 45.72 | 61.18 | 71.20 | 86.66 | 75.57 | 90.72 | 86.55 | 124.94 | 108.50 | 92.12 | 93.77 | 85.93 | 142.21 | 98.37 | 99.68 | 88.28 | 89.14 | 90.33 | 94.50 | 91.08 | | |

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| 23703 | 2.58 -38.60 N | 2.01 -34.97 N | 0.03 -44.77 N | 2.54 -0.70 N | 1.97 -22.24 N | 1.57 -42.74 N | 2.77 -41.20 N | 1.08 -75.07 N | 3.36 -42.03 N | 3.37 -56.58 N | 2.59 -61.29 N | 1.66 -108.35 N | 1.14 -95.93 N | 2.49 -66.11 N | 1.66 -76.70 N | 1.63 -69.23 N | 0.55 -137.49 N | 0.64 -90.93 N | 0.68 -91.89 N | 2.40 -63.10 N | 1.95 -68.12 N | 4.19 -44.71 N | 4.53 -42.95 N | 3.77 -45.38 N |
| BARRETT_IC_2 23705 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_3 23706 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_4 23707 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_5 23708 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_6 23709 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_7 23710 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_8 23711 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT_IC_9 23700 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT___1 23545 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BARRETT___2 23546 | 67.13 2.58 -38.60 N | 58.58 2.01 -34.97 N | 45.07 0.03 -44.77 N | 31.98 2.54 -0.70 N | 45.72 1.97 -22.24 N | 61.18 1.57 -42.74 N | 71.20 2.77 -41.20 N | 86.66 1.08 -75.07 N | 75.57 3.36 -42.03 N | 90.72 3.37 -56.58 N | 86.55 2.59 -61.29 N | 124.94 1.66 -108.35 N | 108.50 1.14 -95.93 N | 92.12 2.49 -66.11 N | 93.77 1.66 -76.70 N | 85.93 1.63 -69.23 N | 142.21 0.55 -137.49 N | 98.37 0.64 -90.93 N | 99.68 0.68 -91.89 N | 88.28 2.40 -63.10 N | 89.14 1.95 -68.12 N | 90.33 4.19 -44.71 N | 94.50 4.53 -42.95 N | 91.08 3.77 -45.38 N |
| BEAVER RIVER___HYD 24048 | 24.55 -1.40 0.00 N | 20.52 -1.09 0.00 N | 0.25 -0.01 0.00 N | 27.24 -1.50 0.00 N | 20.29 -1.21 0.00 N | 16.06 -0.81 0.00 N | 26.03 -1.21 0.00 N | 10.11 -0.40 0.00 N | 28.91 -1.27 0.00 N | 29.43 -1.33 -0.93 N | 21.75 -0.63 -0.49 N | 14.30 -0.49 -1.01 N | 10.94 -0.49 -1.01 N | 22.52 -0.69 -1.01 N | 14.73 -0.69 -1.01 N | 14.43 -0.64 -0.20 N | 3.97 -0.20 0.00 N | 6.49 -0.30 0.00 N | 6.82 -0.29 0.00 N | 21.87 -0.92 0.00 N | 18.30 -0.76 0.00 N | 39.67 -1.76 0.00 N | 44.95 -2.07 0.00 N | 39.84 -2.09 0.00 N |
| BEEBEE_GT_13 23619 | 29.05 -1.17 -4.27 N | 24.76 -1.19 -4.34 N | 5.81 -0.02 -5.56 N | 27.15 -1.67 -0.09 N | 23.14 -1.13 -2.76 N | 21.29 -0.89 -5.31 N | 30.56 -0.96 -4.28 N | 19.29 -0.20 -8.98 N | 34.62 -0.54 -4.98 N | 37.26 -0.53 -7.03 N | 30.04 -0.24 -7.62 N | 28.11 -0.18 -13.36 N | 23.22 -0.13 -11.92 N | 31.53 -0.21 -8.21 N | 24.82 -0.11 -9.52 N | 23.57 -0.11 -8.60 N | 21.22 -0.04 -17.08 N | 18.11 -0.04 -11.36 N | 18.53 -0.05 -11.48 N | 30.33 -0.33 -7.88 N | 27.30 -0.26 -8.50 N | 46.14 -0.86 -5.57 N | 51.05 -1.32 -5.35 N | 45.69 -1.89 -5.65 N |
| BETHLEHEM___GRP 23843 | 69.73 0.52 -43.26 N | 65.95 0.33 -44.01 N | 56.63 0.01 -56.36 N | 30.20 0.58 -0.89 N | 50.04 0.54 -27.99 N | 71.05 0.38 -53.80 N | 71.22 0.62 -43.36 N | 101.71 0.21 -91.00 N | 81.29 0.67 -50.44 N | 102.66 0.68 -71.22 N | 100.31 0.50 -77.14 N | 150.65 0.33 -135.39 N | 132.39 0.23 -120.74 N | 107.22 0.49 -83.21 N | 112.27 0.32 -96.54 N | 102.53 0.31 -87.14 N | 177.32 0.09 -173.05 N | 121.41 0.13 -114.49 N | 122.94 0.13 -115.69 N | 102.69 0.43 -79.48 N | 105.44 0.39 -85.98 N | 98.59 0.83 -56.33 N | 102.00 0.90 -54.08 N | 99.79 0.75 -57.11 N |

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| BETHLEHEM___GS1 323560 | 69.73 0.52 -43.26 N | 65.95 0.33 -44.01 N | 56.63 0.01 -56.36 N | 30.20 0.58 -0.89 N | 50.04 0.54 -27.99 N | 71.05 0.38 -53.80 N | 71.22 0.62 -43.36 N | 101.71 0.21 -91.00 N | 81.29 0.67 -50.44 N | 102.66 0.68 -71.22 N | 100.31 0.50 -77.14 N | 150.65 0.33 -135.39 N | 132.39 0.23 -120.74 N | 107.22 0.49 -83.21 N | 112.27 0.32 -96.54 N | 102.53 0.31 -87.14 N | 177.32 0.09 -173.05 N | 121.41 0.13 -114.49 N | 122.94 0.13 -115.69 N | 102.69 0.43 -79.48 N | 105.44 0.39 -85.98 N | 98.59 0.83 -56.33 N | 102.00 0.90 -54.08 N | 99.79 0.75 -57.11 N |
| BETHLEHEM___GS2 323561 | 69.73 0.52 -43.26 N | 65.95 0.33 -44.01 N | 56.63 0.01 -56.36 N | 30.20 0.58 -0.89 N | 50.04 0.54 -27.99 N | 71.05 0.38 -53.80 N | 71.22 0.62 -43.36 N | 101.71 0.21 -91.00 N | 81.29 0.67 -50.44 N | 102.66 0.68 -71.22 N | 100.31 0.50 -77.14 N | 150.65 0.33 -135.39 N | 132.39 0.23 -120.74 N | 107.22 0.49 -83.21 N | 112.27 0.32 -96.54 N | 102.53 0.31 -87.14 N | 177.32 0.09 -173.05 N | 121.41 0.13 -114.49 N | 122.94 0.13 -115.69 N | 102.69 0.43 -79.48 N | 105.44 0.39 -85.98 N | 98.59 0.83 -56.33 N | 102.00 0.90 -54.08 N | 99.79 0.75 -57.11 N |
| BETHLEHEM___GS3 323562 | 69.73 0.52 -43.26 N | 65.95 0.33 -44.01 N | 56.63 0.01 -56.36 N | 30.20 0.58 -0.89 N | 50.04 0.54 -27.99 N | 71.05 0.38 -53.80 N | 71.22 0.62 -43.36 N | 101.71 0.21 -91.00 N | 81.29 0.67 -50.44 N | 102.66 0.68 -71.22 N | 100.31 0.50 -77.14 N | 150.65 0.33 -135.39 N | 132.39 0.23 -120.74 N | 107.22 0.49 -83.21 N | 112.27 0.32 -96.54 N | 102.53 0.31 -87.14 N | 177.32 0.09 -173.05 N | 121.41 0.13 -114.49 N | 122.94 0.13 -115.69 N | 102.69 0.43 -79.48 N | 105.44 0.39 -85.98 N | 98.59 0.83 -56.33 N | 102.00 0.90 -54.08 N | 99.79 0.75 -57.11 N |
| BETHLEHEM___STEEL 23779 | 30.47 -1.27 -5.79 N | 26.08 -1.42 -5.89 N | 7.78 -0.04 -7.54 N | 26.82 -2.03 -0.12 N | 23.88 -1.38 -3.75 N | 22.72 -1.35 -7.20 N | 31.11 -1.93 -5.81 N | 22.11 -0.58 -12.18 N | 35.06 -1.87 -6.75 N | 38.30 -2.00 -9.54 N | 31.58 -1.42 -10.33 N | 32.15 -0.91 -18.13 N | 26.89 -0.70 -16.16 N | 33.28 -1.39 -11.14 N | 27.50 -0.84 -12.92 N | 25.96 -0.79 -11.67 N | 27.13 -0.21 -23.17 N | 21.83 -0.35 -15.38 N | 22.26 -0.39 -15.54 N | 32.01 -1.44 -10.67 N | 29.33 -1.25 -11.52 N | 46.23 -2.75 -7.55 N | 51.25 -3.03 -7.25 N | 46.53 -3.06 -7.66 N |
| BETHPAGE_CC_5 323564 | 67.32 2.78 -38.60 N | 58.76 2.19 -34.97 N | 45.07 0.03 -44.77 N | 32.21 2.78 -0.70 N | 45.86 2.12 -22.24 N | 61.33 1.71 -42.74 N | 71.45 3.01 -41.20 N | 86.74 1.16 -75.07 N | 75.78 3.57 -42.03 N | 90.86 3.51 -56.58 N | 86.70 2.75 -61.29 N | 125.08 1.80 -108.35 N | 108.63 1.28 -95.93 N | 92.29 2.66 -66.11 N | 93.87 1.76 -76.70 N | 86.02 1.71 -69.23 N | 142.21 0.55 -137.49 N | 98.43 0.71 -90.93 N | 99.74 0.75 -91.89 N | 88.42 2.54 -63.10 N | 89.29 2.10 -68.12 N | 90.74 4.60 -44.71 N | 94.86 4.89 -42.95 N | 91.21 3.90 -45.38 N |
| BINGHAMTON___COGEN 23790 | 38.09 0.27 -11.87 N | 33.80 0.11 -12.08 N | 15.73 0.00 -15.47 N | 29.03 0.06 -0.24 N | 29.34 0.15 -7.68 N | 31.76 0.12 -14.76 N | 39.54 0.40 -11.90 N | 35.77 0.29 -24.98 N | 44.84 0.82 -13.84 N | 51.13 0.83 -19.55 N | 44.39 0.54 -21.17 N | 52.57 0.48 -37.16 N | 44.82 0.26 -33.14 N | 46.92 0.56 -22.84 N | 42.27 0.36 -26.49 N | 39.33 0.34 -23.92 N | 51.77 0.09 -47.50 N | 38.39 0.13 -31.46 N | 39.05 0.15 -31.79 N | 45.10 0.49 -21.83 N | 42.99 0.36 -23.57 N | 57.63 0.74 -15.46 N | 62.67 0.81 -14.85 N | 57.91 0.30 -15.69 N |
| BLACK RIVER___HYD 24047 | 25.23 -1.72 -1.00 N | 21.26 -1.36 -1.02 N | 1.55 -0.02 -1.31 N | 26.86 -1.90 -0.02 N | 20.65 -1.50 -0.65 N | 17.09 -1.02 -1.25 N | 26.76 -1.48 -1.00 N | 12.14 -0.48 -2.11 N | 29.89 -1.45 -1.17 N | 30.94 -1.47 -1.65 N | 23.44 -1.02 -1.79 N | 17.38 -0.69 -3.14 N | 13.68 -0.55 -2.80 N | 24.31 -1.12 -1.90 N | 16.77 -0.77 -2.13 N | 16.35 -0.75 -2.02 N | 7.98 -0.23 -4.03 N | 9.42 -0.34 -2.97 N | 9.78 -0.33 -3.00 N | 23.79 -1.05 -2.06 N | 20.29 -0.86 -2.09 N | 40.72 -2.01 -1.31 N | 45.77 -2.50 -1.25 N | 40.65 -2.60 -1.32 N |
| BLUE_CIRC_CHEM_DRP 24182 | 69.50 0.71 -42.84 N | 65.72 0.53 -43.58 N | 56.08 0.01 -55.81 N | 30.33 0.72 -0.88 N | 49.82 0.59 -27.72 N | 70.59 0.45 -53.28 N | 70.93 0.75 -42.94 N | 100.93 0.31 -90.12 N | 81.13 1.00 -49.95 N | 102.30 1.02 -70.53 N | 99.81 0.75 -76.39 N | 149.51 0.51 -134.08 N | 131.36 0.36 -119.56 N | 106.70 0.77 -82.40 N | 111.53 0.51 -95.60 N | 101.87 0.50 -86.29 N | 175.69 0.14 -171.37 N | 120.37 0.21 -113.37 N | 121.89 0.22 -114.56 N | 102.18 0.70 -78.70 N | 104.82 0.60 -85.15 N | 98.51 1.29 -55.78 N | 101.98 1.41 -53.55 N | 99.57 1.09 -56.56 N |
| BOC_GAS_DRP 24189 | 69.99 0.76 -43.27 N | 66.21 0.59 -44.02 N | 56.64 0.01 -56.36 N | 30.43 0.81 -0.89 N | 50.16 0.66 -27.99 N | 71.16 0.48 -53.81 N | 71.41 0.80 -43.37 N | 101.83 0.32 -91.01 N | 81.63 1.00 -50.45 N | 103.01 1.02 -71.23 N | 100.57 0.74 -77.15 N | 150.84 0.50 -135.41 N | 132.54 0.36 -120.76 N | 107.50 0.75 -83.22 N | 112.46 0.50 -96.55 N | 102.72 0.49 -87.15 N | 177.39 0.13 -173.08 N | 121.50 0.21 -114.49 N | 123.03 0.22 -115.70 N | 102.97 0.69 -79.49 N | 105.68 0.60 -86.02 N | 99.05 1.28 -56.34 N | 102.53 1.43 -54.09 N | 100.20 1.15 -57.12 N |
| BORALEX_4TH_BRANCH 23824 | 70.07 1.29 -42.83 N | 66.24 1.07 -43.57 N | 56.07 0.01 -55.79 N | 31.11 1.50 -0.88 N | 50.37 1.16 -27.71 N | 70.99 0.86 -53.26 N | 71.69 1.53 -42.93 N | 101.13 0.55 -90.08 N | 81.67 1.55 -49.94 N | 102.88 1.60 -70.52 N | 100.26 1.21 -76.37 N | 149.80 0.81 -134.06 N | 131.59 0.62 -119.55 N | 107.11 1.20 -82.39 N | 111.78 0.78 -95.58 N | 102.13 0.77 -86.28 N | 175.73 0.21 -171.34 N | 120.47 0.30 -113.37 N | 122.00 0.32 -114.56 N | 102.51 1.03 -78.70 N | 105.05 0.89 -85.10 N | 99.05 1.85 -55.78 N | 102.71 2.14 -53.56 N | 100.67 2.11 -56.63 N |
| BOWLINE___1 23526 | 61.44 1.93 -33.55 N | 57.23 1.49 -34.13 N | 43.99 0.02 -43.71 N | 31.30 1.88 -0.69 N | 44.66 1.45 -21.71 N | 59.76 1.17 -41.72 N | 63.03 2.16 -33.63 N | 81.97 0.89 -70.57 N | 72.08 2.78 -39.12 N | 88.83 2.84 -55.24 N | 84.65 2.15 -59.83 N | 121.42 1.51 -104.98 N | 106.20 1.15 -93.63 N | 90.43 2.37 -64.53 N | 91.82 1.54 -74.87 N | 84.13 1.47 -67.58 N | 138.80 0.41 -134.21 N | 96.18 0.62 -88.76 N | 97.49 0.68 -89.70 N | 86.57 2.20 -61.59 N | 87.39 1.83 -66.50 N | 88.97 3.89 -43.65 N | 93.18 4.23 -41.93 N | 89.68 3.45 -44.30 N |
| BOWLINE___2 23595 | 61.44 1.94 -33.56 N | 57.23 1.49 -34.14 N | 44.00 0.02 -43.71 N | 31.30 1.88 -0.69 N | 44.67 1.45 -21.71 N | 59.77 1.17 -41.73 N | 63.03 2.16 -33.64 N | 81.97 0.89 -70.58 N | 72.09 2.78 -39.12 N | 88.86 2.85 -55.24 N | 84.66 2.16 -59.83 N | 121.44 1.51 -104.99 N | 106.22 1.16 -93.64 N | 90.44 2.38 -64.54 N | 91.84 1.54 -74.88 N | 84.14 1.47 -67.59 N | 138.82 0.41 -134.23 N | 96.19 0.62 -88.77 N | 97.50 0.68 -89.71 N | 86.58 2.20 -61.60 N | 87.41 1.84 -66.51 N | 88.99 3.91 -43.65 N | 93.20 4.25 -41.94 N | 89.69 3.46 -44.31 N |
| BROOKHAVEN___DRP 24191 | 67.57 3.02 -38.60 N | 59.05 2.48 -34.97 N | 45.07 0.03 -44.77 N | 32.60 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.97 -42.74 N | 71.76 3.32 -41.20 N | 86.76 1.18 -75.07 N | 75.94 3.73 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.95 -61.29 N | 125.20 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.84 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.45 2.57 -63.10 N | 89.15 1.97 -68.12 N | 90.53 4.39 -44.71 N | 94.55 4.57 -42.95 N | 90.83 3.52 -45.38 N |
| BROOKLYN_NAVY_YARD 23515 | 62.37 2.06 -34.37 N | 58.14 1.58 -34.96 N | 45.05 0.02 -44.76 N | 31.41 1.97 -0.70 N | 45.25 1.51 -22.23 N | 60.82 1.23 -42.72 N | 63.97 2.29 -34.44 N | 83.67 0.90 -72.27 N | 73.13 2.88 -40.06 N | 90.31 2.98 -56.57 N | 86.27 2.32 -61.27 N | 124.04 1.57 -107.54 N | 108.50 1.18 -95.91 N | 92.08 2.47 -66.09 N | 93.71 1.61 -76.68 N | 85.83 1.54 -69.21 N | 142.06 0.43 -137.45 N | 98.36 0.66 -90.91 N | 99.67 0.70 -91.86 N | 88.12 2.26 -63.08 N | 89.04 1.88 -68.11 N | 90.13 4.00 -44.70 N | 94.37 4.41 -42.94 N | 90.94 3.64 -45.37 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 |
| BROOKLYN___ARMY_DRP 323595 | 62.63 | 58.35 | 45.05 | 31.66 | 45.45 | 60.98 | 64.26 | 83.79 | 73.43 | 90.52 | 86.41 | 124.13 | 108.59 | 92.24 | 93.80 | 85.96 | 142.11 | 98.41 | 99.73 | 88.26 | 89.16 | 90.40 | 94.80 | 91.12 | |
| | 2.32 | 1.78 | 0.02 | 2.23 | 1.71 | 1.38 | 2.57 | 1.01 | 3.18 | 3.19 | 2.46 | 1.66 | 1.26 | 2.62 | 1.70 | 1.66 | 0.47 | 0.71 | 0.75 | 2.39 | 1.99 | 4.27 | 4.83 | 3.82 | |
| | -34.37 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.45 | -72.28 | -40.07 | -56.57 | -61.27 | -107.55 | -95.91 | -66.09 | -76.68 | -69.22 | -137.46 | -90.91 | -91.87 | -63.08 | -68.11 | -44.70 | -42.95 | -45.37 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| BURROWS___LYONSDAL 23803 | 25.39 | 21.15 | 0.26 | 28.06 | 20.97 | 16.54 | 26.81 | 10.42 | 29.91 | 30.52 | 22.53 | 14.84 | 11.34 | 23.35 | 15.29 | 14.96 | 4.13 | 6.72 | 7.05 | 22.58 | 18.89 | 40.96 | 46.40 | 41.18 | |
| | -0.56 | -0.45 | -0.01 | -0.67 | -0.53 | -0.33 | -0.42 | -0.09 | -0.27 | -0.24 | -0.14 | -0.09 | -0.09 | -0.17 | -0.13 | -0.12 | -0.05 | -0.07 | -0.06 | -0.20 | -0.17 | -0.46 | -0.62 | -0.75 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| CALPINE_BETH_PAGE_GT4 24209 | 67.34 | 58.77 | 45.07 | 32.21 | 45.87 | 61.33 | 71.46 | 86.75 | 75.81 | 90.91 | 86.74 | 125.11 | 108.66 | 92.34 | 93.90 | 86.04 | 142.22 | 98.44 | 99.76 | 88.47 | 89.32 | 90.80 | 94.95 | 91.30 | |
| | 2.79 | 2.20 | 0.03 | 2.78 | 2.13 | 1.72 | 3.02 | 1.17 | 3.60 | 3.56 | 2.78 | 1.84 | 1.30 | 2.71 | 1.79 | 1.74 | 0.55 | 0.72 | 0.76 | 2.59 | 2.14 | 4.66 | 4.98 | 3.99 | |
| | -38.60 | -34.97 | -44.77 | -0.70 | -22.24 | -42.74 | -41.20 | -75.07 | -42.03 | -56.58 | -61.29 | -108.35 | -95.93 | -66.11 | -76.70 | -69.23 | -137.49 | -90.93 | -91.89 | -63.10 | -68.12 | -44.71 | -42.95 | -45.38 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALPINE_BETH_PAGE_GT_4 323586 | 67.34 | 58.77 | 45.07 | 32.21 | 45.87 | 61.33 | 71.46 | 86.75 | 75.81 | 90.91 | 86.74 | 125.11 | 108.66 | 92.34 | 93.90 | 86.04 | 142.22 | 98.44 | 99.76 | 88.47 | 89.32 | 90.80 | 94.95 | 91.30 | |
| | 2.79 | 2.20 | 0.03 | 2.78 | 2.13 | 1.72 | 3.02 | 1.17 | 3.60 | 3.56 | 2.78 | 1.84 | 1.30 | 2.71 | 1.79 | 1.74 | 0.55 | 0.72 | 0.76 | 2.59 | 2.14 | 4.66 | 4.98 | 3.99 | |
| | -38.60 | -34.97 | -44.77 | -0.70 | -22.24 | -42.74 | -41.20 | -75.07 | -42.03 | -56.58 | -61.29 | -108.35 | -95.93 | -66.11 | -76.70 | -69.23 | -137.49 | -90.93 | -91.89 | -63.10 | -68.12 | -44.71 | -42.95 | -45.38 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALPINE_BP_GT1 23823 | 67.34 | 58.77 | 45.07 | 32.21 | 45.87 | 61.33 | 71.46 | 86.75 | 75.81 | 90.91 | 86.74 | 125.11 | 108.66 | 92.34 | 93.90 | 86.04 | 142.22 | 98.44 | 99.76 | 88.47 | 89.32 | 90.80 | 94.95 | 91.30 | |
| | 2.79 | 2.20 | 0.03 | 2.78 | 2.13 | 1.72 | 3.02 | 1.17 | 3.60 | 3.56 | 2.78 | 1.84 | 1.30 | 2.71 | 1.79 | 1.74 | 0.55 | 0.72 | 0.76 | 2.59 | 2.14 | 4.66 | 4.98 | 3.99 | |
| | -38.60 | -34.97 | -44.77 | -0.70 | -22.24 | -42.74 | -41.20 | -75.07 | -42.03 | -56.58 | -61.29 | -108.35 | -95.93 | -66.11 | -76.70 | -69.23 | -137.49 | -90.93 | -91.89 | -63.10 | -68.12 | -44.71 | -42.95 | -45.38 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CALSPAN___DRP 24200 | 30.47 | 26.08 | 7.78 | 26.82 | 23.88 | 22.72 | 31.11 | 22.11 | 35.06 | 38.30 | 31.58 | 32.15 | 26.89 | 33.28 | 27.50 | 25.96 | 27.13 | 21.83 | 22.26 | 32.01 | 29.33 | 46.23 | 51.25 | 46.53 | |
| | -1.27 | -1.42 | -0.04 | -2.03 | -1.38 | -1.35 | -1.93 | -0.58 | -1.87 | -2.00 | -1.42 | -0.91 | -0.70 | -1.39 | -0.84 | -0.79 | -0.21 | -0.35 | -0.39 | -1.44 | -1.25 | -2.75 | -3.03 | -3.06 | |
| | -5.79 | -5.89 | -7.54 | -0.12 | -3.75 | -7.20 | -5.81 | -12.18 | -6.75 | -9.54 | -10.33 | -18.13 | -16.16 | -11.14 | -12.92 | -11.67 | -23.17 | -15.38 | -15.54 | -10.67 | -11.52 | -7.55 | -7.25 | -7.66 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CARR STREET_E__SYR 24060 | 28.74 | 24.39 | 4.07 | 28.47 | 23.19 | 20.34 | 30.04 | 16.68 | 33.65 | 35.64 | 27.94 | 24.14 | 19.60 | 29.20 | 21.96 | 21.01 | 15.88 | 14.71 | 15.11 | 28.30 | 24.97 | 45.24 | 50.57 | 45.48 | |
| | -0.13 | -0.18 | -0.01 | -0.32 | -0.20 | -0.16 | -0.13 | 0.03 | 0.06 | 0.08 | 0.06 | 0.06 | 0.03 | 0.06 | 0.05 | 0.04 | 0.01 | 0.02 | 0.02 | 0.03 | 0.01 | -0.04 | -0.14 | -0.36 | |
| | -2.92 | -2.97 | -3.80 | -0.06 | -1.89 | -3.63 | -2.93 | -6.15 | -3.41 | -4.81 | -5.21 | -9.14 | -8.16 | -5.62 | -6.50 | -5.89 | -11.70 | -7.90 | -7.98 | -5.48 | -5.89 | -3.85 | -3.70 | -3.91 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CARTHAGE___PAPER 23857 | 25.19 | 21.21 | 1.37 | 27.00 | 20.67 | 16.99 | 26.71 | 11.86 | 29.77 | 30.73 | 23.20 | 16.93 | 13.28 | 24.05 | 16.46 | 16.09 | 7.41 | 9.06 | 9.42 | 23.57 | 20.03 | 40.60 | 45.73 | 40.63 | |
| | -1.62 | -1.27 | -0.02 | -1.75 | -1.39 | -0.94 | -1.39 | -0.45 | -1.41 | -1.44 | -1.00 | -0.68 | -0.54 | -1.10 | -0.76 | -0.72 | -0.22 | -0.33 | -0.32 | -1.01 | -0.84 | -1.94 | -2.36 | -2.42 | |
| | -0.86 | -0.87 | -1.12 | -0.02 | -0.55 | -1.07 | -0.86 | -1.80 | -1.00 | -1.41 | -1.53 | -2.69 | -2.40 | -1.63 | -1.80 | -1.73 | -3.46 | -2.60 | -2.63 | -1.81 | -1.81 | -1.11 | -1.07 | -1.13 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CE_DUNWOOD___DRP 24194 | 62.27 | 58.06 | 44.98 | 31.39 | 45.20 | 60.74 | 63.84 | 83.56 | 72.98 | 90.11 | 86.03 | 123.82 | 108.33 | 91.89 | 93.52 | 85.66 | 141.84 | 98.19 | 99.51 | 87.95 | 88.88 | 89.93 | 94.15 | 90.74 | |
| | 2.01 | 1.55 | 0.02 | 1.95 | 1.50 | 1.21 | 2.21 | 0.89 | 2.79 | 2.87 | 2.19 | 1.51 | 1.15 | 2.37 | 1.54 | 1.48 | 0.42 | 0.63 | 0.67 | 2.19 | 1.82 | 3.87 | 4.25 | 3.51 | |
| | -34.31 | -34.90 | -44.69 | -0.70 | -22.20 | -42.66 | -34.39 | -72.16 | -40.00 | -56.48 | -61.17 | -107.38 | -95.75 | -65.99 | -76.56 | -69.10 | -137.24 | -90.76 | -91.72 | -62.98 | -68.00 | -44.63 | -42.88 | -45.30 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CE_MILLWOOD___DRP 24193 | 62.10 | 57.90 | 44.84 | 31.32 | 45.09 | 60.58 | 63.67 | 83.33 | 72.79 | 89.87 | 85.79 | 123.94 | 108.36 | 91.64 | 93.26 | 85.43 | 141.42 | 97.90 | 99.22 | 87.73 | 88.64 | 89.72 | 93.94 | 90.54 | |
| | 1.94 | 1.50 | 0.02 | 1.89 | 1.45 | 1.17 | 2.15 | 0.87 | 2.73 | 2.79 | 2.13 | 1.49 | 1.13 | 2.33 | 1.52 | 1.46 | 0.41 | 0.61 | 0.66 | 2.15 | 1.79 | 3.80 | 4.17 | 3.45 | |
| | -34.21 | -34.80 | -44.56 | -0.70 | -22.13 | -42.54 | -34.29 | -71.95 | -39.88 | -56.32 | -60.99 | -107.52 | -95.80 | -65.79 | -76.33 | -68.90 | -136.83 | -90.50 | -91.45 | -62.79 | -67.80 | -44.50 | -42.75 | -45.17 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CE_NYC2_DRP 24202 | 62.56 | 58.30 | 45.05 | 31.61 | 45.41 | 60.94 | 64.15 | 83.75 | 73.34 | 90.49 | 86.38 | 124.11 | 108.58 | 92.22 | 93.79 | 85.93 | 142.10 | 98.39 | 99.71 | 88.22 | 89.11 | 90.27 | 94.60 | 91.10 | |
| | 2.24 | 1.73 | 0.02 | 2.17 | 1.67 | 1.34 | 2.47 | 0.97 | 3.09 | 3.16 | 2.43 | 1.63 | 1.25 | 2.60 | 1.69 | 1.64 | 0.46 | 0.69 | 0.73 | 2.35 | 1.94 | 4.14 | 4.63 | 3.80 | |
| | -34.37 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.45 | -72.28 | -40.07 | -56.57 | -61.27 | -107.55 | -95.91 | -66.09 | -76.68 | -69.22 | -137.46 | -90.91 | -91.87 | -63.08 | -68.11 | -44.70 | -42.95 | -45.37 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CE_NYC_DRP 24195 | 62.48 | 58.23 | 45.05 | 31.54 | 45.36 | 60.91 | 64.10 | 83.74 | 73.27 | 90.45 | 86.35 | 124.11 | 108.57 | 92.20 | 93.78 | 85.91 | 142.08 | 98.38 | 99.70 | 88.21 | 89.10 | 90.22 | 94.49 | 91.04 | |
| | 2.17 | 1.67 | 0.02 | 2.10 | 1.62 | 1.31 | 2.42 | 0.95 | 3.03 | 3.12 | 2.41 | 1.64 | 1.24 | 2.58 | 1.68 | 1.62 | 0.45 | 0.68 | 0.73 | 2.35 | 1.93 | 4.10 | 4.53 | 3.74 | |
| | -34.36 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.44 | -72.28 | -40.07 | -56.57 | -61.27 | -107.54 | -95.90 | -66.09 | -76.67 | -69.21 | -137.45 | -90.91 | -91.86 | -63.08 | -68.11 | -44.70 | -42.94 | -45.37 | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | |
| CHAT_HIGH_FALL_HYD 323578 | 25.31 | 21.24 | 0.27 | 28.24 | 21.05 | 16.60 | 26.70 | 10.22 | 29.20 | 29.72 | 21.89 | 14.39 | 11.06 | 22.75 | 14.91 | 14.60 | 4.04 | 6.60 | 6.90 | 22.19 | 18.57 | 40.41 | 45.89 | 41.13 | |
| | -0.63 | -0.36 | 0.00 | -0.49 | -0.46 | -0.27 | -0.54 | -0.29 | -0.98 | -1.04 | -0.79 | -0.54 | -0.37 | -0.78 | -0.51 | -0.48 | -0.14 | -0.19 | -0.21 | -0.59 | -0.49 | -1.02 | -1.12 | -0.79 | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | |
| CH_MIDHUDSON___DRP | 64.04 | 59.91 | 47.55 | 31.25 | 46.34 | 63.08 | 65.57 | 87.62 | 74.96 | 93.02 | 89.26 | 129.76 | 113.64 | 95.35 | 97.69 | 89.42 | 149.60 | 103.29 | 104.66 | 91.26 | 92.41 | 92.00 | 96.13 | 92.96 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|
| 24192 | 1.81 -36.27 N | 1.39 -36.91 N | 0.01 -47.27 N | 1.77 -0.74 N | 1.36 -23.48 N | 1.08 -45.12 N | 1.96 -36.37 N | 0.79 -76.32 N | 2.50 -42.29 N | 2.56 -59.70 N | 1.93 -64.66 N | 1.33 -113.49 N | 1.01 -101.21 N | 2.08 -69.75 N | 1.36 -80.92 N | 1.30 -73.04 N | 0.36 -145.05 N | 0.55 -95.94 N | 0.60 -96.95 N | 1.93 -66.56 N | 1.59 -71.77 N | 3.42 -47.16 N | 3.79 -45.32 N | 3.15 -47.88 N |
| CH_MISC_IPPS 23765 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |
| CH_RES_BVR_FALLS 23983 | 23.34 -0.54 2.07 N | 19.08 -0.42 2.11 N | -2.43 0.00 2.70 N | 28.28 -0.41 0.04 N | 19.99 -0.18 1.34 N | 14.16 -0.14 2.58 N | 24.91 -0.25 2.07 N | 6.04 -0.11 4.35 N | 27.44 -0.33 2.41 N | 26.99 -0.36 3.41 N | 18.69 -0.30 3.69 N | 8.17 -0.28 6.48 N | 5.46 -0.19 5.78 N | 19.14 -0.40 3.98 N | 10.52 -0.28 4.61 N | 10.58 -0.33 4.17 N | -4.17 -0.09 8.25 N | 1.54 -0.15 5.11 N | 1.80 -0.15 5.16 N | 18.88 -0.36 3.54 N | 14.97 -0.27 3.82 N | 38.42 -0.50 2.51 N | 44.04 -0.56 2.41 N | 38.92 -0.47 2.54 N |
| CH_RES_NIAGARA 23895 | 29.82 -1.45 -5.32 N | 25.43 -1.59 -5.42 N | 7.16 -0.04 -6.93 N | 26.58 -2.26 -0.11 N | 23.37 -1.58 -3.44 N | 21.92 -1.58 -6.62 N | 30.20 -2.37 -5.34 N | 20.92 -0.78 -11.20 N | 33.88 -2.51 -6.21 N | 36.84 -2.68 -8.76 N | 30.28 -1.88 -9.49 N | 30.30 -1.29 -16.66 N | 25.36 -0.93 -14.86 N | 31.92 -1.84 -10.24 N | 26.17 -1.12 -11.87 N | 24.76 -1.04 -10.72 N | 25.19 -0.28 -21.30 N | 20.49 -0.44 -14.14 N | 20.89 -0.51 -14.29 N | 30.73 -1.86 -9.81 N | 28.06 -1.58 -10.59 N | 44.90 -3.47 -6.94 N | 49.88 -3.80 -6.67 N | 45.38 -3.58 -7.04 N |
| CH_RES_SYRACUSE 23985 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N |
| COLONIE_LFGE____ 323577 | 70.28 0.98 -43.36 N | 66.46 0.75 -44.10 N | 56.75 0.01 -56.47 N | 30.70 1.08 -0.89 N | 50.42 0.87 -28.05 N | 71.44 0.66 -53.91 N | 71.84 1.15 -43.45 N | 102.14 0.45 -91.18 N | 82.09 1.37 -50.55 N | 103.50 1.37 -71.37 N | 100.99 1.02 -77.30 N | 151.29 0.68 -135.68 N | 132.92 0.49 -121.00 N | 107.90 0.99 -83.38 N | 112.81 0.65 -96.74 N | 103.03 0.63 -87.32 N | 177.77 0.17 -173.42 N | 121.80 0.26 -114.74 N | 123.34 0.28 -115.95 N | 103.33 0.90 -79.65 N | 105.99 0.78 -86.16 N | 99.51 1.63 -56.46 N | 103.06 1.84 -54.20 N | 100.77 1.59 -57.26 N |
| CORNELL____ 23752 | 32.17 -0.42 -6.64 N | 27.99 -0.37 -6.75 N | 8.90 -0.01 -8.65 N | 28.09 -0.77 -0.14 N | 25.12 -0.69 -4.30 N | 24.93 -0.20 -8.26 N | 33.43 -0.46 -6.65 N | 24.54 0.07 -13.97 N | 37.78 -0.14 -7.74 N | 41.44 -0.25 -10.93 N | 34.31 -0.20 -11.84 N | 35.64 -0.06 -20.78 N | 29.82 -0.13 -18.53 N | 36.04 -0.26 -12.76 N | 30.05 -0.17 -14.80 N | 28.27 -0.18 -13.37 N | 30.69 -0.06 -26.56 N | 24.50 0.01 -17.70 N | 25.00 0.01 -17.89 N | 34.82 -0.24 -12.28 N | 32.07 -0.24 -13.25 N | 49.48 -0.63 -8.68 N | 54.31 -1.04 -8.34 N | 50.06 -0.67 -8.81 N |
| COXSACKIE____GT 23611 | 66.23 1.93 -38.35 N | 62.14 1.52 -39.02 N | 50.25 0.02 -49.96 N | 31.49 1.97 -0.79 N | 47.85 1.53 -24.81 N | 65.78 1.22 -47.69 N | 67.81 2.13 -38.44 N | 92.04 0.87 -80.67 N | 77.57 2.69 -44.71 N | 96.68 2.79 -63.13 N | 93.13 2.09 -68.37 N | 136.35 1.42 -120.00 N | 119.48 1.05 -107.01 N | 99.44 2.16 -73.75 N | 102.39 1.41 -85.56 N | 93.66 1.35 -77.23 N | 157.94 0.38 -153.38 N | 108.84 0.59 -101.45 N | 110.27 0.63 -102.52 N | 94.93 2.02 -70.13 N | 95.19 1.65 -74.48 N | 94.62 3.58 -49.62 N | 98.89 3.95 -47.93 N | 95.75 3.21 -50.62 N |
| CRESCENT____HYD 24018 | 70.28 0.98 -43.36 N | 66.46 0.75 -44.10 N | 56.75 0.01 -56.47 N | 30.70 1.08 -0.89 N | 50.42 0.87 -28.05 N | 71.44 0.66 -53.91 N | 71.84 1.15 -43.45 N | 102.14 0.45 -91.18 N | 82.09 1.37 -50.55 N | 103.50 1.37 -71.37 N | 100.99 1.02 -77.30 N | 151.29 0.68 -135.68 N | 132.92 0.49 -121.00 N | 107.90 0.99 -83.38 N | 112.81 0.65 -96.74 N | 103.03 0.63 -87.32 N | 177.77 0.17 -173.42 N | 121.80 0.26 -114.74 N | 123.34 0.28 -115.95 N | 103.33 0.90 -79.65 N | 105.99 0.78 -86.16 N | 99.51 1.63 -56.46 N | 103.06 1.84 -54.20 N | 100.77 1.59 -57.26 N |
| CRUCIBLE_METL_DRP 24180 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N |
| DANSKAMMER____1 23586 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |
| DANSKAMMER____2 23589 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |
| DANSKAMMER____3 23590 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |
| DANSKAMMER____4 23591 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|
| DANSKAMMER___DIESEL 23592 | 62.50 1.54 -35.00 N | 58.38 1.16 -35.62 N | 45.89 0.01 -45.61 N | 30.94 1.49 -0.72 N | 45.29 1.13 -22.65 N | 61.33 0.91 -43.54 N | 64.02 1.69 -35.09 N | 84.84 0.69 -73.64 N | 73.21 2.22 -40.81 N | 90.64 2.27 -57.61 N | 86.80 1.73 -62.40 N | 125.65 1.20 -109.52 N | 110.00 0.90 -97.67 N | 92.71 1.87 -67.31 N | 94.73 1.22 -78.09 N | 86.73 1.16 -70.49 N | 144.50 0.33 -139.99 N | 99.87 0.49 -92.59 N | 101.21 0.53 -93.56 N | 88.75 1.73 -64.23 N | 89.79 1.44 -69.29 N | 90.01 3.07 -45.51 N | 94.11 3.36 -43.74 N | 90.87 2.74 -46.21 N |
| DASHVILLE___HYD 23610 | 63.11 1.79 -35.38 N | 58.97 1.37 -35.99 N | 46.38 0.02 -46.09 N | 31.17 1.72 -0.73 N | 45.71 1.31 -22.89 N | 61.92 1.05 -44.00 N | 64.64 1.94 -35.46 N | 85.73 0.80 -74.42 N | 73.98 2.55 -41.25 N | 91.60 2.60 -58.24 N | 87.71 1.96 -63.07 N | 126.99 1.36 -110.70 N | 111.17 1.02 -98.72 N | 93.67 2.11 -68.04 N | 95.74 1.39 -78.93 N | 87.66 1.34 -71.25 N | 146.06 0.38 -141.50 N | 100.95 0.57 -93.59 N | 102.29 0.61 -94.57 N | 89.61 1.96 -64.88 N | 90.37 1.56 -69.76 N | 90.86 3.48 -45.95 N | 95.06 3.83 -44.21 N | 91.78 3.16 -46.70 N |
| DOGLEVILLE___HYD 23807 | 25.70 1.17 1.42 N | 21.13 0.97 1.44 N | -1.57 0.01 1.85 N | 29.97 1.26 0.03 N | 21.61 1.02 0.92 N | 15.87 0.77 1.76 N | 27.10 1.29 1.42 N | 8.05 0.53 2.98 N | 30.18 1.66 1.65 N | 30.20 1.78 2.33 N | 21.49 1.34 2.53 N | 11.42 0.93 4.44 N | 8.13 0.66 3.96 N | 22.17 1.36 2.72 N | 13.16 0.88 3.13 N | 13.03 0.81 2.85 N | -1.19 0.23 5.60 N | 4.51 0.32 2.61 N | 4.83 0.35 2.63 N | 22.16 1.19 1.81 N | 18.08 0.94 1.92 N | 42.13 1.95 1.25 N | 47.95 2.13 1.20 N | 42.46 1.80 1.27 N |
| DUNKIRK___1 23563 | 30.81 -1.47 -6.33 N | 26.51 -1.54 -6.44 N | 8.48 -0.04 -8.25 N | 26.64 -2.22 -0.13 N | 24.15 -1.45 -4.10 N | 23.46 -1.28 -7.87 N | 31.88 -1.70 -6.35 N | 23.40 -0.42 -13.31 N | 36.23 -1.34 -7.38 N | 39.81 -1.37 -10.42 N | 32.90 -1.06 -11.29 N | 34.22 -0.52 -19.81 N | 28.55 -0.54 -17.67 N | 34.63 -1.07 -12.17 N | 28.87 -0.66 -14.12 N | 27.18 -0.65 -12.75 N | 29.33 -0.17 -25.33 N | 23.28 -0.31 -16.80 N | 23.76 -0.33 -16.98 N | 33.29 -1.15 -11.66 N | 30.59 -1.06 -12.59 N | 47.30 -2.38 -8.25 N | 52.32 -2.63 -7.93 N | 47.28 -3.01 -8.37 N |
| DUNKIRK___2 23564 | 30.81 -1.47 -6.33 N | 26.51 -1.54 -6.44 N | 8.48 -0.04 -8.25 N | 26.64 -2.22 -0.13 N | 24.15 -1.45 -4.10 N | 23.46 -1.28 -7.87 N | 31.88 -1.70 -6.35 N | 23.40 -0.42 -13.31 N | 36.23 -1.34 -7.38 N | 39.81 -1.37 -10.42 N | 32.90 -1.06 -11.29 N | 34.22 -0.52 -19.81 N | 28.55 -0.54 -17.67 N | 34.63 -1.07 -12.17 N | 28.87 -0.66 -14.12 N | 27.18 -0.65 -12.75 N | 29.33 -0.17 -25.33 N | 23.28 -0.31 -16.80 N | 23.76 -0.33 -16.98 N | 33.29 -1.15 -11.66 N | 30.59 -1.06 -12.59 N | 47.30 -2.38 -8.25 N | 52.32 -2.63 -7.93 N | 47.28 -3.01 -8.37 N |
| DUNKIRK___3 23565 | 30.89 -1.38 -6.32 N | 26.57 -1.47 -6.43 N | 8.47 -0.04 -8.24 N | 26.73 -2.13 -0.13 N | 24.22 -1.38 -4.09 N | 23.49 -1.24 -7.86 N | 31.93 -1.65 -6.34 N | 23.39 -0.41 -13.30 N | 36.23 -1.32 -7.37 N | 39.80 -1.37 -10.41 N | 32.90 -1.05 -11.28 N | 34.19 -0.53 -19.79 N | 28.54 -0.53 -17.65 N | 34.64 -1.04 -12.16 N | 28.88 -0.65 -14.10 N | 27.18 -0.63 -12.74 N | 29.30 -0.18 -25.30 N | 23.27 -0.30 -16.79 N | 23.75 -0.33 -16.96 N | 33.30 -1.13 -11.65 N | 30.60 -1.03 -12.57 N | 47.35 -2.32 -8.24 N | 52.38 -2.55 -7.92 N | 47.39 -2.90 -8.36 N |
| DUNKIRK___4 23566 | 30.89 -1.38 -6.32 N | 26.57 -1.47 -6.43 N | 8.47 -0.04 -8.24 N | 26.73 -2.13 -0.13 N | 24.22 -1.38 -4.09 N | 23.49 -1.24 -7.86 N | 31.93 -1.65 -6.34 N | 23.39 -0.41 -13.30 N | 36.23 -1.32 -7.37 N | 39.80 -1.37 -10.41 N | 32.90 -1.05 -11.28 N | 34.19 -0.53 -19.79 N | 28.54 -0.53 -17.65 N | 34.64 -1.04 -12.16 N | 28.88 -0.65 -14.10 N | 27.18 -0.63 -12.74 N | 29.30 -0.18 -25.30 N | 23.27 -0.30 -16.79 N | 23.75 -0.33 -16.96 N | 33.30 -1.13 -11.65 N | 30.60 -1.03 -12.57 N | 47.35 -2.32 -8.24 N | 52.38 -2.55 -7.92 N | 47.39 -2.90 -8.36 N |
| EAST HAMPTON___GT 23717 | 68.32 3.77 -38.60 N | 59.67 3.10 -34.97 N | 45.08 0.04 -44.77 N | 33.40 3.96 -0.70 N | 46.77 3.03 -22.24 N | 62.07 2.46 -42.74 N | 72.58 4.15 -41.20 N | 87.09 1.51 -75.07 N | 77.01 4.80 -42.03 N | 92.06 4.71 -56.58 N | 87.78 3.82 -61.29 N | 125.79 2.51 -108.35 N | 109.15 1.80 -95.93 N | 93.33 3.70 -66.11 N | 94.55 2.44 -76.70 N | 86.68 2.37 -69.23 N | 142.41 0.74 -137.49 N | 98.73 1.01 -90.93 N | 100.04 1.04 -91.89 N | 89.36 3.49 -63.10 N | 89.90 2.72 -68.12 N | 92.06 5.92 -44.71 N | 96.11 6.14 -42.95 N | 92.08 4.77 -45.38 N |
| EAST RIVER___6 23660 | 62.50 2.19 -34.37 N | 58.24 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.58 2.14 -0.70 N | 45.39 1.66 -22.23 N | 60.95 1.35 -42.73 N | 64.14 2.45 -34.44 N | 83.74 0.96 -72.28 N | 73.30 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.37 2.43 -61.27 N | 124.12 1.65 -107.54 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.79 1.70 -76.68 N | 85.92 1.63 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.22 2.36 -63.08 N | 89.10 1.94 -68.11 N | 90.23 4.10 -44.70 N | 94.49 4.53 -42.94 N | 91.07 3.77 -45.37 N |
| EAST RIVER___7 23524 | 62.50 2.19 -34.37 N | 58.24 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.58 2.14 -0.70 N | 45.39 1.66 -22.23 N | 60.95 1.35 -42.73 N | 64.14 2.45 -34.44 N | 83.74 0.96 -72.28 N | 73.30 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.37 2.43 -61.27 N | 124.12 1.65 -107.54 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.79 1.70 -76.68 N | 85.92 1.63 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.22 2.36 -63.08 N | 89.10 1.94 -68.11 N | 90.23 4.10 -44.70 N | 94.49 4.53 -42.94 N | 91.07 3.77 -45.37 N |
| EAST_HAMPTON___DIESEL 23722 | 68.32 3.77 -38.60 N | 59.67 3.10 -34.97 N | 45.08 0.04 -44.77 N | 33.40 3.96 -0.70 N | 46.77 3.03 -22.24 N | 62.07 2.46 -42.74 N | 72.58 4.15 -41.20 N | 87.09 1.51 -75.07 N | 77.01 4.80 -42.03 N | 92.06 4.71 -56.58 N | 87.78 3.82 -61.29 N | 125.79 2.51 -108.35 N | 109.15 1.80 -95.93 N | 93.33 3.70 -66.11 N | 94.55 2.44 -76.70 N | 86.68 2.37 -69.23 N | 142.41 0.74 -137.49 N | 98.73 1.01 -90.93 N | 100.04 1.04 -91.89 N | 89.36 3.49 -63.10 N | 89.90 2.72 -68.12 N | 92.06 5.92 -44.71 N | 96.11 6.14 -42.95 N | 92.08 4.77 -45.38 N |
| EAST_RIVER___1 323558 | 62.48 2.17 -34.36 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.54 2.10 -0.70 N | 45.36 1.62 -22.23 N | 60.91 1.31 -42.73 N | 64.10 2.42 -34.44 N | 83.74 0.95 -72.28 N | 73.27 3.03 -40.07 N | 90.45 3.12 -56.57 N | 86.35 2.41 -61.27 N | 124.11 1.64 -107.54 N | 108.57 1.24 -95.90 N | 92.20 2.58 -66.09 N | 93.78 1.68 -76.67 N | 85.91 1.62 -69.21 N | 142.08 0.45 -137.45 N | 98.38 0.68 -90.91 N | 99.70 0.73 -91.86 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.22 4.10 -44.70 N | 94.49 4.53 -42.94 N | 91.04 3.74 -45.37 N |
| EAST_RIVER___2 323559 | 62.50 2.19 -34.37 N | 58.24 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.58 2.14 -0.70 N | 45.39 1.66 -22.23 N | 60.95 1.35 -42.73 N | 64.14 2.45 -34.44 N | 83.74 0.96 -72.28 N | 73.30 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.37 2.43 -61.27 N | 124.12 1.65 -107.54 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.79 1.70 -76.68 N | 85.92 1.63 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.22 2.36 -63.08 N | 89.10 1.94 -68.11 N | 90.23 4.10 -44.70 N | 94.49 4.53 -42.94 N | 91.07 3.77 -45.37 N |
| ELEC_TRO_TEK 24086 | 67.04 2.49 -38.60 N | 58.52 1.95 -34.97 N | 45.07 0.03 -44.77 N | 31.88 2.44 -0.70 N | 45.62 1.87 -22.24 N | 61.13 1.52 -42.74 N | 71.10 2.67 -41.20 N | 86.62 1.05 -75.07 N | 75.43 3.22 -42.03 N | 90.55 3.21 -56.58 N | 86.43 2.47 -61.29 N | 124.93 1.65 -108.35 N | 108.53 1.17 -95.93 N | 92.09 2.46 -66.11 N | 93.74 1.63 -76.70 N | 85.89 1.58 -69.23 N | 142.17 0.50 -137.49 N | 98.37 0.65 -90.93 N | 99.70 0.69 -91.89 N | 88.23 2.35 -63.10 N | 89.15 1.96 -68.12 N | 90.37 4.23 -44.71 N | 94.51 4.54 -42.95 N | 91.01 3.70 -45.38 N |

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| | 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 |
| E_CANADA_CAP_HY 24051 | 73.55 1.17 -46.42 N | 69.66 0.83 -47.23 N | 60.75 0.01 -60.47 N | 30.81 1.13 -0.95 N | 52.42 0.88 -30.04 N | 75.54 0.94 -57.73 N | 75.62 1.86 -46.53 N | 109.00 0.85 -97.64 N | 86.83 2.53 -54.13 N | 109.65 2.46 -76.43 N | 107.20 1.76 -82.77 N | 161.33 1.11 -145.29 N | 141.81 0.82 -129.56 N | 114.45 1.63 -89.29 N | 120.06 1.04 -103.59 N | 109.60 1.02 -93.50 N | 190.16 0.27 -185.70 N | 130.20 0.49 -122.92 N | 131.84 0.51 -124.21 N | 109.78 1.67 -85.33 N | 112.90 1.55 -92.29 N | 105.02 3.11 -60.48 N | 108.15 3.06 -58.07 N | 105.38 2.12 -61.34 N | |
| E_CANADA_MHWK_HY 24050 | 25.70 1.17 1.42 N | 21.13 0.97 1.44 N | -1.57 0.01 1.85 N | 29.97 1.26 0.03 N | 21.61 1.02 0.92 N | 15.87 0.77 1.76 N | 27.10 1.29 1.42 N | 8.05 0.53 2.98 N | 30.18 1.66 1.65 N | 30.20 1.78 2.33 N | 21.49 1.34 2.53 N | 11.42 0.93 4.44 N | 8.13 0.66 3.96 N | 22.17 1.36 2.72 N | 13.16 0.88 3.13 N | 13.03 0.81 2.85 N | -1.19 0.23 5.60 N | 4.51 0.32 2.61 N | 4.83 0.35 2.63 N | 22.16 1.19 1.81 N | 18.08 0.94 1.92 N | 42.13 1.95 1.25 N | 47.95 2.13 1.20 N | 42.46 1.80 1.27 N | |
| E_FISHKILL___LBMP 23776 | 62.64 1.79 -34.91 N | 58.49 1.38 -35.51 N | 45.75 0.02 -45.47 N | 31.21 1.76 -0.72 N | 45.43 1.34 -22.58 N | 61.35 1.07 -43.41 N | 64.17 1.95 -34.99 N | 84.71 0.79 -73.42 N | 73.33 2.45 -40.69 N | 90.71 2.49 -57.46 N | 86.80 1.90 -62.23 N | 125.47 1.31 -109.24 N | 109.82 0.99 -97.41 N | 92.70 2.04 -67.13 N | 94.63 1.33 -77.88 N | 86.66 1.28 -70.30 N | 144.16 0.36 -139.62 N | 99.67 0.54 -92.34 N | 101.00 0.58 -93.31 N | 88.74 1.89 -64.07 N | 89.80 1.56 -69.18 N | 90.17 3.34 -45.40 N | 94.32 3.68 -43.62 N | 91.13 3.11 -46.09 N | |
| FAR ROCKAWAY___4 23548 | 67.38 2.83 -38.60 N | 58.77 2.20 -34.97 N | 45.07 0.03 -44.77 N | 32.20 2.76 -0.70 N | 45.87 2.12 -22.24 N | 61.23 1.62 -42.74 N | 71.34 2.90 -41.20 N | 86.72 1.14 -75.07 N | 75.73 3.52 -42.03 N | 90.92 3.58 -56.58 N | 86.72 2.76 -61.29 N | 125.02 1.74 -108.35 N | 108.55 1.20 -95.93 N | 92.32 2.69 -66.11 N | 93.88 1.77 -76.70 N | 86.04 1.73 -69.23 N | 142.22 0.56 -137.49 N | 98.40 0.68 -90.93 N | 99.74 0.74 -91.89 N | 88.52 2.64 -63.10 N | 89.28 2.09 -68.12 N | 90.67 4.53 -44.71 N | 94.88 4.90 -42.95 N | 91.29 3.98 -45.38 N | |
| FARRAGUT___LBMP 323566 | 62.47 2.16 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.08 -0.70 N | 45.34 1.60 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.44 N | 83.73 0.94 -72.28 N | 73.24 3.00 -40.07 N | 90.42 3.09 -56.57 N | 86.32 2.38 -61.27 N | 124.09 1.62 -107.54 N | 108.55 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.75 1.66 -76.68 N | 85.89 1.60 -69.21 N | 142.08 0.45 -137.45 N | 98.38 0.68 -90.91 N | 99.69 0.72 -91.86 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.19 4.06 -44.70 N | 94.46 4.50 -42.94 N | 91.04 3.74 -45.37 N | |
| FENNER___WINDPWR 24204 | 27.66 0.12 -1.59 N | 23.28 0.06 -1.61 N | 2.33 0.00 -2.07 N | 28.75 -0.02 -0.03 N | 22.52 -0.01 -1.03 N | 18.93 0.08 -1.97 N | 29.06 0.23 -1.59 N | 14.04 0.20 -3.34 N | 32.57 0.54 -1.85 N | 33.94 0.57 -2.61 N | 25.93 0.43 -2.83 N | 20.21 0.31 -4.97 N | 16.05 0.20 -4.43 N | 26.99 0.42 -3.04 N | 19.18 0.28 -3.48 N | 18.56 0.29 -3.20 N | 10.64 0.07 -6.39 N | 11.70 0.14 -4.77 N | 12.08 0.15 -4.82 N | 26.51 0.41 -3.31 N | 22.90 0.34 -3.50 N | 44.30 0.62 -2.26 N | 49.69 0.51 -2.17 N | 44.55 0.34 -2.29 N | |
| FIBERTEK___ENERGY 23856 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N | |
| FITZPATRICK___ 23598 | 27.47 -0.58 -2.09 N | 23.20 -0.53 -2.13 N | 2.98 -0.01 -2.72 N | 28.03 -0.74 -0.04 N | 22.33 -0.53 -1.35 N | 19.04 -0.43 -2.60 N | 28.70 -0.63 -2.09 N | 14.70 -0.20 -4.40 N | 32.04 -0.58 -2.44 N | 33.60 -0.60 -3.44 N | 25.97 -0.43 -3.73 N | 21.19 -0.28 -6.54 N | 17.04 -0.22 -5.83 N | 27.10 -0.44 -4.02 N | 19.79 -0.29 -4.66 N | 19.01 -0.28 -4.21 N | 12.46 -0.08 -8.36 N | 12.24 -0.12 -5.57 N | 12.61 -0.13 -5.63 N | 26.20 -0.45 -3.86 N | 22.84 -0.38 -4.17 N | 43.29 -0.87 -2.73 N | 48.61 -1.03 -2.62 N | 43.66 -1.03 -2.77 N | |
| FORT ORANGE___ 23900 | 69.29 0.82 -42.52 N | 65.45 0.59 -43.26 N | 55.67 0.01 -55.39 N | 30.47 0.87 -0.87 N | 49.76 0.74 -27.51 N | 70.29 0.54 -52.88 N | 70.69 0.83 -42.62 N | 100.21 0.26 -89.44 N | 80.60 0.84 -49.58 N | 101.61 0.84 -70.00 N | 99.12 0.63 -75.82 N | 148.42 0.42 -133.07 N | 130.39 0.30 -118.67 N | 105.94 0.63 -81.78 N | 110.71 0.41 -94.88 N | 101.12 0.40 -85.64 N | 174.38 0.11 -170.09 N | 119.48 0.17 -112.52 N | 120.99 0.17 -113.71 N | 101.46 0.57 -78.11 N | 104.04 0.50 -84.48 N | 98.06 1.27 -55.36 N | 101.73 1.55 -53.16 N | 99.34 1.28 -56.14 N | |
| FORT_DRUM_COGEN 23780 | 25.14 -1.77 -0.96 N | 21.18 -1.41 -0.98 N | 1.51 -0.02 -1.26 N | 26.81 -1.94 -0.02 N | 20.59 -1.54 -0.62 N | 17.01 -1.06 -1.20 N | 26.67 -1.53 -0.97 N | 12.04 -0.50 -2.03 N | 29.78 -1.53 -1.13 N | 30.80 -1.55 -1.59 N | 23.32 -1.07 -1.72 N | 17.22 -0.73 -3.02 N | 13.54 -0.57 -2.69 N | 24.18 -1.18 -1.83 N | 16.65 -0.81 -2.04 N | 16.24 -0.78 -1.94 N | 7.83 -0.23 -3.88 N | 9.31 -0.36 -2.87 N | 9.67 -0.35 -2.90 N | 23.68 -1.10 -2.00 N | 20.17 -0.91 -2.02 N | 40.57 -2.11 -1.25 N | 45.62 -2.60 -1.21 N | 40.52 -2.68 -1.27 N | |
| FPL FAR_ROCK_GT1 24212 | 67.38 2.83 -38.60 N | 58.77 2.20 -34.97 N | 45.07 0.03 -44.77 N | 32.20 2.76 -0.70 N | 45.87 2.12 -22.24 N | 61.23 1.62 -42.74 N | 71.34 2.90 -41.20 N | 86.72 1.14 -75.07 N | 75.73 3.52 -42.03 N | 90.92 3.58 -56.58 N | 86.72 2.76 -61.29 N | 125.02 1.74 -108.35 N | 108.55 1.20 -95.93 N | 92.32 2.69 -66.11 N | 93.88 1.77 -76.70 N | 86.04 1.73 -69.23 N | 142.22 0.56 -137.49 N | 98.40 0.68 -90.93 N | 99.74 0.74 -91.89 N | 88.52 2.64 -63.10 N | 89.28 2.09 -68.12 N | 90.67 4.53 -44.71 N | 94.88 4.90 -42.95 N | 91.29 3.98 -45.38 N | |
| FPL FAR_ROCK_GT2 23815 | 67.38 2.83 -38.60 N | 58.77 2.20 -34.97 N | 45.07 0.03 -44.77 N | 32.20 2.76 -0.70 N | 45.87 2.12 -22.24 N | 61.23 1.62 -42.74 N | 71.34 2.90 -41.20 N | 86.72 1.14 -75.07 N | 75.73 3.52 -42.03 N | 90.92 3.58 -56.58 N | 86.72 2.76 -61.29 N | 125.02 1.74 -108.35 N | 108.55 1.20 -95.93 N | 92.32 2.69 -66.11 N | 93.88 1.77 -76.70 N | 86.04 1.73 -69.23 N | 142.22 0.56 -137.49 N | 98.40 0.68 -90.93 N | 99.74 0.74 -91.89 N | 88.52 2.64 -63.10 N | 89.28 2.09 -68.12 N | 90.67 4.53 -44.71 N | 94.88 4.90 -42.95 N | 91.29 3.98 -45.38 N | |
| FRANKLIN_FALL_HYD 24054 | 25.92 -0.03 0.00 N | 21.70 0.09 0.00 N | 0.27 0.01 0.00 N | 28.87 0.14 0.00 N | 21.51 0.01 0.00 N | 17.01 0.15 0.00 N | 27.40 0.16 0.00 N | 10.53 0.02 0.00 N | 29.98 -0.19 0.00 N | 30.47 -0.29 0.00 N | 22.42 -0.26 0.00 N | 14.74 -0.19 0.00 N | 11.30 -0.12 0.00 N | 23.24 -0.29 0.00 N | 15.21 -0.21 0.00 N | 14.92 -0.16 0.00 N | 4.12 -0.06 0.00 N | 6.74 -0.06 0.00 N | 7.06 -0.05 0.00 N | 22.73 -0.05 0.00 N | 19.05 -0.01 0.00 N | 41.46 0.04 0.00 N | 47.10 0.08 0.00 N | 42.16 0.23 0.00 N | |
| FREEPORT_EQUS_GT1 | 67.41 | 58.83 | 45.07 | 32.29 | 45.93 | 61.37 | 71.54 | 86.79 | 75.85 | 90.98 | 86.84 | 125.18 | 108.69 | 92.40 | 93.93 | 86.08 | 142.23 | 98.46 | 99.78 | 88.52 | 89.37 | 90.86 | 95.14 | 91.49 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 23764 | 2.86 -38.60 N | 2.26 -34.97 N | 0.03 -44.77 N | 2.85 -0.70 N | 2.18 -22.24 N | 1.76 -42.74 N | 3.10 -41.20 N | 1.21 -75.07 N | 3.65 -42.03 N | 3.64 -56.58 N | 2.88 -61.29 N | 1.90 -108.35 N | 1.34 -95.93 N | 2.77 -66.11 N | 1.82 -76.70 N | 1.77 -69.23 N | 0.57 -137.49 N | 0.73 -90.93 N | 0.78 -91.89 N | 2.65 -63.10 N | 2.18 -68.12 N | 4.72 -44.71 N | 5.17 -42.95 N | 4.18 -45.38 N |
| FULTON COGEN____ 23766 | 28.44 -0.24 -2.73 N | 24.12 -0.26 -2.78 N | 3.82 -0.01 -3.56 N | 28.38 -0.40 -0.06 N | 23.00 -0.28 -1.77 N | 20.04 -0.23 -3.40 N | 29.74 -0.24 -2.74 N | 16.22 -0.03 -5.74 N | 33.33 -0.04 -3.19 N | 35.24 -0.02 -4.50 N | 27.55 0.00 -4.87 N | 23.50 0.02 -8.55 N | 19.05 0.00 -7.62 N | 28.79 0.01 -5.25 N | 21.51 0.01 -6.08 N | 20.58 0.01 -5.50 N | 15.11 0.00 -10.93 N | 14.13 0.01 -7.33 N | 14.52 0.01 -7.40 N | 27.84 -0.02 -5.08 N | 24.49 -0.04 -5.47 N | 44.84 -0.16 -3.58 N | 50.14 -0.31 -3.44 N | 45.07 -0.49 -3.63 N |
| Freeport____CT2 23818 | 67.41 2.86 -38.60 N | 58.83 2.26 -34.97 N | 45.07 0.03 -44.77 N | 32.29 2.85 -0.70 N | 45.93 2.18 -22.24 N | 61.37 1.76 -42.74 N | 71.54 3.10 -41.20 N | 86.79 1.21 -75.07 N | 75.85 3.65 -42.03 N | 90.98 3.64 -56.58 N | 86.84 2.88 -61.29 N | 125.18 1.90 -108.35 N | 108.69 1.34 -95.93 N | 92.40 2.77 -66.11 N | 93.93 1.82 -76.70 N | 86.08 1.77 -69.23 N | 142.23 0.57 -137.49 N | 98.46 0.73 -90.93 N | 99.78 0.78 -91.89 N | 88.52 2.65 -63.10 N | 89.37 2.18 -68.12 N | 90.86 4.72 -44.71 N | 95.14 5.17 -42.95 N | 91.49 4.18 -45.38 N |
| G.F.CEMENT____DRP 24184 | 71.35 1.44 -43.96 N | 67.46 1.14 -44.72 N | 57.54 0.02 -57.26 N | 31.21 1.58 -0.90 N | 51.12 1.17 -28.44 N | 72.47 0.94 -54.66 N | 73.02 1.72 -44.06 N | 103.73 0.77 -92.46 N | 83.71 2.27 -51.26 N | 105.25 2.12 -72.38 N | 102.58 1.52 -78.39 N | 153.53 1.02 -137.58 N | 134.86 0.74 -122.69 N | 109.54 1.46 -84.55 N | 114.47 0.96 -98.10 N | 104.53 0.91 -88.55 N | 180.28 0.25 -175.85 N | 123.54 0.38 -116.37 N | 125.13 0.42 -117.59 N | 104.97 1.41 -80.78 N | 107.67 1.25 -87.36 N | 101.14 2.46 -57.25 N | 104.92 2.93 -54.97 N | 102.58 2.55 -58.10 N |
| GARDENVILLE____LBMP 24039 | 30.36 -1.31 -5.73 N | 25.99 -1.44 -5.83 N | 7.69 -0.04 -7.46 N | 26.78 -2.07 -0.12 N | 23.80 -1.41 -3.70 N | 22.63 -1.36 -7.12 N | 31.02 -1.96 -5.74 N | 21.96 -0.59 -12.04 N | 34.96 -1.89 -6.68 N | 38.18 -2.00 -9.42 N | 31.45 -1.43 -10.21 N | 31.94 -0.91 -17.92 N | 26.70 -0.71 -15.98 N | 33.14 -1.40 -11.01 N | 27.34 -0.85 -12.77 N | 25.81 -0.80 -11.53 N | 26.86 -0.22 -22.91 N | 21.64 -0.35 -15.20 N | 22.08 -0.40 -15.36 N | 31.88 -1.45 -10.55 N | 29.18 -1.26 -11.39 N | 46.11 -2.78 -7.47 N | 51.12 -3.07 -7.17 N | 46.38 -3.11 -7.57 N |
| GENERAL____MILLS 23808 | 30.47 -1.27 -5.79 N | 26.08 -1.42 -5.89 N | 7.78 -0.04 -7.54 N | 26.82 -2.03 -0.12 N | 23.88 -1.38 -3.75 N | 22.72 -1.35 -7.20 N | 31.11 -1.93 -5.81 N | 22.11 -0.58 -12.18 N | 35.06 -1.87 -6.75 N | 38.30 -2.00 -9.54 N | 31.58 -1.42 -10.33 N | 32.15 -0.91 -18.13 N | 26.89 -0.70 -16.16 N | 33.28 -1.39 -11.14 N | 27.50 -0.84 -12.92 N | 25.96 -0.79 -11.67 N | 27.13 -0.21 -15.38 N | 21.83 -0.35 -15.54 N | 22.26 -0.39 -10.67 N | 32.01 -1.44 -11.52 N | 29.33 -1.25 -7.55 N | 46.23 -2.75 -7.25 N | 51.25 -3.03 -7.25 N | 46.53 -3.06 -7.66 N |
| GE_PLASTICS____DRP 24183 | 69.68 0.78 -42.95 N | 65.89 0.60 -43.69 N | 56.22 0.01 -55.94 N | 30.44 0.83 -0.88 N | 49.97 0.68 -27.78 N | 70.77 0.50 -53.40 N | 71.10 0.82 -43.05 N | 101.16 0.33 -90.33 N | 81.28 1.03 -50.07 N | 102.50 1.04 -70.70 N | 99.99 0.75 -76.57 N | 149.83 0.51 -134.39 N | 131.64 0.36 -119.85 N | 106.89 0.77 -82.59 N | 111.75 0.51 -95.82 N | 102.07 0.50 -86.49 N | 176.09 0.14 -171.78 N | 120.64 0.21 -113.64 N | 122.17 0.22 -114.83 N | 102.41 0.71 -78.93 N | 105.24 0.63 -85.55 N | 98.67 1.30 -55.95 N | 102.15 1.45 -53.68 N | 99.78 1.16 -56.69 N |
| GILBOA____1 23756 | 60.76 1.02 -33.79 N | 56.83 0.85 -34.38 N | 44.30 0.01 -44.02 N | 30.54 1.12 -0.69 N | 44.26 0.89 -21.86 N | 59.51 0.62 -42.02 N | 62.05 0.94 -33.87 N | 81.97 0.39 -71.08 N | 70.80 1.22 -39.40 N | 87.62 1.23 -55.63 N | 83.77 0.84 -60.25 N | 121.24 0.55 -105.76 N | 106.13 0.40 -94.31 N | 89.35 0.84 -64.99 N | 91.38 0.56 -75.40 N | 83.71 0.57 -68.06 N | 139.51 0.16 -135.17 N | 96.45 0.26 -89.39 N | 97.70 0.26 -90.33 N | 85.58 0.76 -62.04 N | 86.73 0.64 -67.03 N | 86.87 1.48 -43.97 N | 91.00 1.76 -42.23 N | 87.95 1.43 -44.59 N |
| GILBOA____2 23757 | 60.76 1.02 -33.79 N | 56.83 0.85 -34.38 N | 44.30 0.01 -44.02 N | 30.54 1.12 -0.69 N | 44.26 0.89 -21.86 N | 59.51 0.62 -42.02 N | 62.05 0.94 -33.87 N | 81.97 0.39 -71.08 N | 70.80 1.22 -39.40 N | 87.62 1.23 -55.63 N | 83.77 0.84 -60.25 N | 121.24 0.55 -105.76 N | 106.13 0.40 -94.31 N | 89.35 0.84 -64.99 N | 91.38 0.56 -75.40 N | 83.71 0.57 -68.06 N | 139.51 0.16 -135.17 N | 96.45 0.26 -89.39 N | 97.70 0.26 -90.33 N | 85.58 0.76 -62.04 N | 86.73 0.64 -67.03 N | 86.87 1.48 -43.97 N | 91.00 1.76 -42.23 N | 87.95 1.43 -44.59 N |
| GILBOA____3 23758 | 60.76 1.02 -33.79 N | 56.83 0.85 -34.38 N | 44.30 0.01 -44.02 N | 30.54 1.12 -0.69 N | 44.26 0.89 -21.86 N | 59.51 0.62 -42.02 N | 62.05 0.94 -33.87 N | 81.97 0.39 -71.08 N | 70.80 1.22 -39.40 N | 87.62 1.23 -55.63 N | 83.77 0.84 -60.25 N | 121.24 0.55 -105.76 N | 106.13 0.40 -94.31 N | 89.35 0.84 -64.99 N | 91.38 0.56 -75.40 N | 83.71 0.57 -68.06 N | 139.51 0.16 -135.17 N | 96.45 0.26 -89.39 N | 97.70 0.26 -90.33 N | 85.58 0.76 -62.04 N | 86.73 0.64 -67.03 N | 86.87 1.48 -43.97 N | 91.00 1.76 -42.23 N | 87.95 1.43 -44.59 N |
| GILBOA____4 23759 | 60.76 1.02 -33.79 N | 56.83 0.85 -34.38 N | 44.30 0.01 -44.02 N | 30.54 1.12 -0.69 N | 44.26 0.89 -21.86 N | 59.51 0.62 -42.02 N | 62.05 0.94 -33.87 N | 81.97 0.39 -71.08 N | 70.80 1.22 -39.40 N | 87.62 1.23 -55.63 N | 83.77 0.84 -60.25 N | 121.24 0.55 -105.76 N | 106.13 0.40 -94.31 N | 89.35 0.84 -64.99 N | 91.38 0.56 -75.40 N | 83.71 0.57 -68.06 N | 139.51 0.16 -135.17 N | 96.45 0.26 -89.39 N | 97.70 0.26 -90.33 N | 85.58 0.76 -62.04 N | 86.73 0.64 -67.03 N | 86.87 1.48 -43.97 N | 91.00 1.76 -42.23 N | 87.95 1.43 -44.59 N |
| GILBOA____ 23599 | 60.76 1.02 -33.79 N | 56.83 0.85 -34.38 N | 44.30 0.01 -44.02 N | 30.54 1.12 -0.69 N | 44.26 0.89 -21.86 N | 59.51 0.62 -42.02 N | 62.05 0.94 -33.87 N | 81.97 0.39 -71.08 N | 70.80 1.22 -39.40 N | 87.62 1.23 -55.63 N | 83.77 0.84 -60.25 N | 121.24 0.55 -105.76 N | 106.13 0.40 -94.31 N | 89.35 0.84 -64.99 N | 91.38 0.56 -75.40 N | 83.71 0.57 -68.06 N | 139.51 0.16 -135.17 N | 96.45 0.26 -89.39 N | 97.70 0.26 -90.33 N | 85.58 0.76 -62.04 N | 86.73 0.64 -67.03 N | 86.87 1.48 -43.97 N | 91.00 1.76 -42.23 N | 87.95 1.43 -44.59 N |
| GINNA____ 23603 | 28.16 -2.01 -4.23 N | 24.05 -1.86 -4.30 N | 5.74 -0.03 -5.50 N | 26.26 -2.56 -0.09 N | 22.39 -1.85 -2.73 N | 20.61 -1.52 -5.25 N | 29.27 -2.20 -4.24 N | 18.66 -0.73 -8.89 N | 32.96 -2.15 -4.93 N | 35.52 -2.20 -6.96 N | 28.68 -1.52 -7.53 N | 27.12 -1.03 -13.22 N | 22.45 -0.77 -11.79 N | 30.10 -1.55 -8.13 N | 23.85 -0.99 -9.42 N | 22.65 -0.94 -8.51 N | 20.82 -0.26 -16.91 N | 17.62 -0.41 -11.24 N | 18.02 -0.44 -11.36 N | 29.02 -1.57 -7.80 N | 26.17 -1.30 -8.42 N | 43.96 -2.98 -5.51 N | 48.76 -3.56 -5.30 N | 43.94 -3.58 -5.60 N |
| GLEN PARK____ 23778 | 25.20 -1.76 -1.00 N | 21.23 -1.39 -1.02 N | 1.55 -0.02 -1.31 N | 26.79 -1.96 -0.02 N | 20.61 -1.54 -0.65 N | 17.08 -1.04 -1.25 N | 26.77 -1.47 -1.00 N | 12.15 -0.46 -2.11 N | 29.93 -1.42 -1.17 N | 31.00 -1.41 -1.65 N | 23.48 -0.98 -1.79 N | 17.40 -0.67 -3.14 N | 13.69 -0.54 -2.80 N | 24.34 -1.10 -1.90 N | 16.79 -0.76 -2.13 N | 16.35 -0.74 -2.02 N | 7.98 -0.22 -4.03 N | 9.42 -0.34 -2.97 N | 9.79 -0.33 -3.00 N | 23.83 -1.01 -2.06 N | 20.32 -0.83 -2.09 N | 40.79 -1.95 -1.31 N | 45.82 -2.45 -1.25 N | 40.63 -2.62 -1.32 N |

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| GLENWOOD_IC_1_G5 23712 | 67.06 2.51 -38.60 N | 58.53 1.96 -34.97 N | 45.06 0.03 -44.77 N | 31.90 2.46 -0.70 N | 45.62 1.88 -22.24 N | 61.13 1.52 -42.74 N | 71.16 2.72 -41.20 N | 86.65 1.07 -75.07 N | 75.55 3.34 -42.03 N | 90.72 3.38 -56.58 N | 86.55 2.60 -61.29 N | 125.03 1.75 -108.35 N | 108.63 1.27 -95.93 N | 92.30 2.67 -66.11 N | 93.86 1.75 -76.70 N | 86.00 1.69 -69.23 N | 142.18 0.51 -137.49 N | 98.42 0.70 -90.93 N | 99.71 0.71 -91.89 N | 88.25 2.37 -63.10 N | 89.17 1.98 -68.12 N | 90.61 4.47 -44.71 N | 94.80 4.83 -42.95 N | 91.26 3.95 -45.38 N |
| GLENWOOD_IC_2_G1 23688 | 66.84 2.30 -38.60 N | 58.35 1.78 -34.97 N | 45.06 0.02 -44.77 N | 31.68 2.25 -0.70 N | 45.45 1.70 -22.24 N | 61.01 1.39 -42.74 N | 70.94 2.50 -41.20 N | 86.57 0.99 -75.07 N | 75.29 3.08 -42.03 N | 90.46 3.11 -56.58 N | 86.35 2.39 -61.29 N | 124.90 1.62 -108.35 N | 108.55 1.19 -95.93 N | 92.13 2.50 -66.11 N | 93.75 1.63 -76.70 N | 85.88 1.57 -69.23 N | 142.13 0.46 -137.49 N | 98.38 0.66 -90.93 N | 99.70 0.70 -91.89 N | 88.19 2.31 -63.10 N | 89.10 1.92 -68.12 N | 90.28 4.14 -44.71 N | 94.47 4.50 -42.95 N | 91.01 3.70 -45.38 N |
| GLENWOOD_IC_3_G1 23689 | 66.84 2.30 -38.60 N | 58.35 1.78 -34.97 N | 45.06 0.02 -44.77 N | 31.68 2.25 -0.70 N | 45.45 1.70 -22.24 N | 61.01 1.39 -42.74 N | 70.94 2.50 -41.20 N | 86.57 0.99 -75.07 N | 75.29 3.08 -42.03 N | 90.46 3.11 -56.58 N | 86.35 2.39 -61.29 N | 124.90 1.62 -108.35 N | 108.55 1.19 -95.93 N | 92.13 2.50 -66.11 N | 93.75 1.63 -76.70 N | 85.88 1.57 -69.23 N | 142.13 0.46 -137.49 N | 98.38 0.66 -90.93 N | 99.70 0.70 -91.89 N | 88.19 2.31 -63.10 N | 89.10 1.92 -68.12 N | 90.28 4.14 -44.71 N | 94.47 4.50 -42.95 N | 91.01 3.70 -45.38 N |
| GLENWOOD___4 23550 | 67.06 2.51 -38.60 N | 58.53 1.96 -34.97 N | 45.06 0.03 -44.77 N | 31.90 2.46 -0.70 N | 45.62 1.88 -22.24 N | 61.14 1.53 -42.74 N | 71.16 2.72 -41.20 N | 86.65 1.08 -75.07 N | 75.55 3.34 -42.03 N | 90.72 3.38 -56.58 N | 86.55 2.60 -61.29 N | 125.03 1.75 -108.35 N | 108.63 1.27 -95.93 N | 92.30 2.67 -66.11 N | 93.86 1.75 -76.70 N | 86.00 1.69 -69.23 N | 142.18 0.51 -137.49 N | 98.43 0.70 -90.93 N | 99.73 0.73 -91.89 N | 88.30 2.42 -63.10 N | 89.20 2.02 -68.12 N | 90.61 4.47 -44.71 N | 94.81 4.84 -42.95 N | 91.26 3.95 -45.38 N |
| GLENWOOD___5 23614 | 67.06 2.51 -38.60 N | 58.53 1.96 -34.97 N | 45.06 0.03 -44.77 N | 31.90 2.46 -0.70 N | 45.62 1.88 -22.24 N | 61.14 1.53 -42.74 N | 71.16 2.72 -41.20 N | 86.65 1.08 -75.07 N | 75.55 3.34 -42.03 N | 90.72 3.38 -56.58 N | 86.55 2.60 -61.29 N | 125.03 1.75 -108.35 N | 108.63 1.27 -95.93 N | 92.30 2.67 -66.11 N | 93.86 1.75 -76.70 N | 86.00 1.69 -69.23 N | 142.18 0.51 -137.49 N | 98.43 0.70 -90.93 N | 99.73 0.73 -91.89 N | 88.30 2.42 -63.10 N | 89.20 2.02 -68.12 N | 90.61 4.47 -44.71 N | 94.81 4.84 -42.95 N | 91.26 3.95 -45.38 N |
| GLOBAL GREEN_PORT_GT1 23814 | 68.30 3.75 -38.60 N | 59.65 3.08 -34.97 N | 45.08 0.04 -44.77 N | 33.37 3.93 -0.70 N | 46.75 3.01 -22.24 N | 62.06 2.44 -42.74 N | 72.57 4.13 -41.20 N | 87.08 1.51 -75.07 N | 77.00 4.79 -42.03 N | 92.05 4.70 -56.58 N | 87.78 3.82 -61.29 N | 125.79 2.51 -108.35 N | 109.15 1.80 -95.93 N | 93.33 3.70 -66.11 N | 94.55 2.44 -76.70 N | 86.67 2.36 -69.23 N | 142.40 0.74 -137.49 N | 98.73 1.01 -90.93 N | 100.04 1.04 -91.89 N | 89.36 3.48 -63.10 N | 89.89 2.71 -68.12 N | 92.05 5.91 -44.71 N | 96.11 6.14 -42.95 N | 92.06 4.75 -45.38 N |
| GOETHSLN___LBMP 323567 | 62.37 2.06 -34.37 N | 58.14 1.57 -34.96 N | 45.05 0.02 -44.76 N | 31.41 1.98 -0.70 N | 45.27 1.53 -22.23 N | 60.84 1.24 -42.73 N | 64.00 2.32 -34.44 N | 83.69 0.91 -72.28 N | 73.13 2.88 -40.07 N | 90.30 2.97 -56.57 N | 86.24 2.30 -61.27 N | 124.03 1.55 -107.54 N | 108.51 1.18 -95.91 N | 92.07 2.46 -66.09 N | 93.70 1.60 -76.68 N | 85.84 1.55 -69.21 N | 142.07 0.44 -137.45 N | 98.35 0.65 -90.91 N | 99.67 0.69 -91.86 N | 88.10 2.23 -63.08 N | 89.02 1.85 -68.11 N | 90.05 3.92 -44.70 N | 94.32 4.36 -42.94 N | 90.95 3.65 -45.37 N |
| GOUDEY___7 23579 | 37.99 0.25 -11.79 N | 33.70 0.10 -11.99 N | 15.62 -0.01 -15.36 N | 28.99 0.02 -0.24 N | 29.27 0.13 -7.63 N | 31.64 0.11 -14.66 N | 39.43 0.38 -11.82 N | 35.59 0.28 -24.80 N | 44.72 0.80 -13.75 N | 50.99 0.82 -19.41 N | 44.23 0.53 -21.02 N | 52.31 0.48 -36.90 N | 44.59 0.25 -32.90 N | 46.75 0.55 -22.67 N | 42.08 0.36 -26.30 N | 39.16 0.33 -23.75 N | 51.43 0.09 -47.16 N | 38.16 0.13 -31.23 N | 38.81 0.14 -31.56 N | 44.93 0.47 -21.68 N | 42.81 0.34 -23.41 N | 57.49 0.71 -15.35 N | 62.54 0.78 -14.75 N | 57.76 0.26 -15.57 N |
| GOUDEY___8 23580 | 37.96 0.22 -11.79 N | 33.67 0.08 -11.99 N | 15.62 -0.01 -15.36 N | 28.96 -0.01 -0.24 N | 29.25 0.11 -7.63 N | 31.63 0.09 -14.66 N | 39.40 0.34 -11.82 N | 35.57 0.26 -24.80 N | 44.68 0.76 -13.75 N | 50.94 0.77 -19.41 N | 44.20 0.50 -21.02 N | 52.29 0.46 -36.90 N | 44.57 0.24 -32.90 N | 46.72 0.52 -22.67 N | 42.06 0.34 -26.30 N | 39.13 0.31 -23.75 N | 51.43 0.08 -47.16 N | 38.15 0.12 -31.23 N | 38.81 0.13 -31.56 N | 44.90 0.44 -21.68 N | 42.79 0.32 -23.41 N | 57.42 0.64 -15.35 N | 62.47 0.71 -14.75 N | 57.70 0.20 -15.57 N |
| GOWANUS_GT1_1 24077 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| GOWANUS_GT1_2 24078 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| GOWANUS_GT1_3 24079 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| GOWANUS_GT1_4 24080 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| GOWANUS_GT1_5 24084 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |

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| GRAHMSVILLE___HY 23607 | 56.82 1.02 -29.85 N | 52.75 0.78 -30.37 N | 39.16 0.01 -38.88 N | 30.29 0.94 -0.61 N | 41.55 0.73 -19.31 N | 54.59 0.60 -37.12 N | 58.30 1.14 -29.92 N | 73.79 0.50 -62.79 N | 66.62 1.64 -34.80 N | 81.53 1.63 -49.14 N | 76.84 0.95 -53.21 N | 109.00 0.67 -93.40 N | 95.21 0.50 -83.29 N | 81.96 1.04 -57.40 N | 82.70 0.69 -66.60 N | 76.08 0.89 -60.11 N | 123.82 0.25 -119.38 N | 86.14 0.39 -78.96 N | 87.32 0.42 -79.79 N | 78.90 1.35 -54.77 N | 79.18 1.08 -59.04 N | 82.57 2.34 -38.80 N | 86.83 2.51 -37.30 N | 83.29 1.96 -39.40 N |
| GREENIDGE___3 23582 | 32.00 -0.42 -6.47 N | 27.77 -0.42 -6.58 N | 8.67 -0.01 -8.42 N | 28.12 -0.75 -0.13 N | 25.24 -0.45 -4.18 N | 24.60 -0.31 -8.04 N | 33.40 -0.32 -6.48 N | 24.19 0.08 -13.60 N | 37.66 -0.06 -7.54 N | 41.27 -0.13 -10.64 N | 34.09 -0.11 -11.53 N | 35.18 0.02 -20.24 N | 29.38 -0.09 -18.05 N | 35.80 -0.16 -12.43 N | 29.79 -0.05 -14.42 N | 28.09 -0.02 -13.02 N | 30.05 0.00 -25.87 N | 24.01 0.04 -17.18 N | 24.51 0.03 -17.36 N | 34.61 -0.09 -11.92 N | 31.72 -0.20 -12.87 N | 49.33 -0.54 -8.43 N | 54.37 -0.75 -8.10 N | 49.31 -1.18 -8.56 N |
| GREENIDGE___4 23583 | 32.00 -0.42 -6.47 N | 27.77 -0.42 -6.58 N | 8.67 -0.01 -8.42 N | 28.12 -0.75 -0.13 N | 25.24 -0.45 -4.18 N | 24.60 -0.31 -8.04 N | 33.40 -0.32 -6.48 N | 24.19 0.08 -13.60 N | 37.66 -0.06 -7.54 N | 41.27 -0.13 -10.64 N | 34.09 -0.11 -11.53 N | 35.18 0.02 -20.24 N | 29.38 -0.09 -18.05 N | 35.80 -0.16 -12.43 N | 29.79 -0.05 -14.42 N | 28.09 -0.02 -13.02 N | 30.05 0.00 -25.87 N | 24.01 0.04 -17.18 N | 24.51 0.03 -17.36 N | 34.61 -0.09 -11.92 N | 31.72 -0.20 -12.87 N | 49.33 -0.54 -8.43 N | 54.37 -0.75 -8.10 N | 49.31 -1.18 -8.56 N |
| HAMPSHIRE___PAPER_HYD 323593 | 24.56 -1.39 0.00 N | 20.56 -1.05 0.00 N | 0.26 -0.01 0.00 N | 27.33 -1.40 0.00 N | 20.32 -1.19 0.00 N | 16.07 -0.80 0.00 N | 25.91 -1.33 0.00 N | 10.03 -0.48 0.00 N | 28.55 -1.63 0.00 N | 29.04 -1.72 0.00 N | 21.45 -1.23 0.00 N | 14.11 -0.82 0.00 N | 10.81 -0.62 0.00 N | 22.24 -1.29 0.00 N | 14.55 -0.87 0.00 N | 14.31 -0.77 0.00 N | 3.94 -0.24 0.00 N | 6.42 -0.37 0.00 N | 6.76 -0.35 0.00 N | 21.65 -1.13 0.00 N | 18.12 -0.94 0.00 N | 39.34 -2.09 0.00 N | 44.78 -2.24 0.00 N | 39.86 -2.07 0.00 N |
| HARZA MOOSE___RIVER 24016 | 25.39 -0.56 0.00 N | 21.15 -0.45 0.00 N | 0.26 -0.01 0.00 N | 28.06 -0.67 0.00 N | 20.97 -0.53 0.00 N | 16.54 -0.33 0.00 N | 26.81 -0.42 0.00 N | 10.42 -0.09 0.00 N | 29.91 -0.27 0.00 N | 30.52 -0.24 0.00 N | 22.53 -0.14 0.00 N | 14.84 -0.09 0.00 N | 11.34 -0.09 0.00 N | 23.35 -0.17 0.00 N | 15.29 -0.13 0.00 N | 14.96 -0.12 0.00 N | 4.13 -0.05 0.00 N | 6.72 -0.07 0.00 N | 7.05 -0.06 0.00 N | 22.58 -0.20 0.00 N | 18.89 -0.17 0.00 N | 40.96 -0.46 0.00 N | 46.40 -0.62 0.00 N | 41.18 -0.75 0.00 N |
| HEMPSTEAD____ 23647 | 67.14 2.60 -38.60 N | 58.61 2.03 -34.97 N | 45.07 0.03 -44.77 N | 32.00 2.56 -0.70 N | 45.70 1.96 -22.24 N | 61.20 1.59 -42.74 N | 71.25 2.81 -41.20 N | 86.68 1.10 -75.07 N | 75.60 3.39 -42.03 N | 90.73 3.39 -56.58 N | 86.59 2.63 -61.29 N | 125.03 1.75 -108.35 N | 108.61 1.26 -95.93 N | 92.25 2.61 -66.11 N | 93.84 1.72 -76.70 N | 85.98 1.67 -69.23 N | 142.19 0.53 -137.49 N | 98.42 0.69 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.49 -63.10 N | 89.25 2.06 -68.12 N | 90.65 4.51 -44.71 N | 94.77 4.80 -42.95 N | 91.17 3.86 -45.38 N |
| HICKLING___1 23621 | 35.17 0.32 -8.90 N | 30.75 0.09 -9.05 N | 11.85 -0.01 -11.59 N | 28.83 -0.08 -0.18 N | 27.39 0.13 -5.76 N | 28.09 0.16 -11.07 N | 36.79 0.63 -8.92 N | 29.70 0.48 -18.72 N | 41.88 1.32 -10.37 N | 46.79 1.38 -14.65 N | 39.46 0.91 -15.87 N | 43.62 0.84 -27.85 N | 36.70 0.44 -24.83 N | 41.58 0.94 -17.11 N | 35.88 0.62 -19.85 N | 33.58 0.58 -17.92 N | 39.94 0.16 -35.60 N | 30.63 0.24 -23.60 N | 31.22 0.25 -23.85 N | 39.98 0.82 -16.38 N | 37.31 0.57 -17.68 N | 54.13 1.11 -11.60 N | 59.35 1.19 -11.14 N | 54.01 0.32 -11.76 N |
| HICKLING___2 23622 | 35.17 0.32 -8.90 N | 30.75 0.09 -9.05 N | 11.85 -0.01 -11.59 N | 28.84 -0.07 -0.18 N | 27.40 0.13 -5.76 N | 28.09 0.16 -11.07 N | 36.79 0.63 -8.92 N | 29.71 0.49 -18.72 N | 41.88 1.33 -10.37 N | 46.79 1.39 -14.65 N | 39.46 0.92 -15.87 N | 43.62 0.84 -27.85 N | 36.70 0.44 -24.83 N | 41.59 0.95 -17.11 N | 35.89 0.62 -19.85 N | 33.58 0.58 -17.92 N | 39.94 0.16 -35.60 N | 30.64 0.24 -23.60 N | 31.22 0.26 -23.85 N | 40.00 0.83 -16.38 N | 37.31 0.57 -17.68 N | 54.14 1.12 -11.60 N | 59.37 1.22 -11.14 N | 54.03 0.34 -11.76 N |
| HIGH FALLS___HY 23754 | 62.30 1.74 -34.60 N | 58.16 1.35 -35.20 N | 45.36 0.02 -45.08 N | 31.13 1.69 -0.71 N | 45.19 1.29 -22.39 N | 60.95 1.05 -43.04 N | 63.83 1.91 -34.69 N | 84.09 0.80 -72.79 N | 73.08 2.56 -40.34 N | 90.34 2.62 -56.96 N | 86.29 1.93 -61.69 N | 124.54 1.34 -108.28 N | 108.98 1.00 -96.56 N | 92.14 2.07 -66.54 N | 93.98 1.36 -77.20 N | 86.11 1.34 -69.69 N | 142.95 0.37 -138.40 N | 98.91 0.58 -91.53 N | 100.23 0.62 -92.50 N | 88.20 1.97 -63.45 N | 88.83 1.56 -68.21 N | 89.83 3.46 -44.94 N | 94.02 3.77 -43.24 N | 90.64 3.04 -45.68 N |
| HILLBURN___GT 23639 | 60.99 2.07 -32.98 N | 56.75 1.60 -33.55 N | 43.24 0.02 -42.96 N | 31.42 2.01 -0.68 N | 44.39 1.55 -21.34 N | 59.13 1.25 -41.01 N | 62.60 2.31 -33.06 N | 80.83 0.96 -69.37 N | 71.63 3.00 -38.45 N | 88.14 3.09 -54.29 N | 83.81 2.33 -58.80 N | 119.73 1.62 -103.18 N | 104.68 1.24 -92.02 N | 89.51 2.56 -63.43 N | 90.66 1.65 -73.59 N | 83.08 1.58 -66.42 N | 136.53 0.44 -131.91 N | 94.71 0.67 -87.25 N | 96.01 0.73 -88.16 N | 85.70 2.38 -60.54 N | 86.39 1.98 -65.36 N | 88.55 4.22 -42.90 N | 92.80 4.58 -41.21 N | 89.18 3.71 -43.54 N |
| HOLTSVILLE_IC_1 23690 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -0.70 N | 46.13 2.38 -22.24 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N |
| HOLTSVILLE_IC_10 23699 | 67.66 3.11 -38.60 N | 59.09 2.52 -34.97 N | 45.07 0.03 -44.77 N | 32.66 3.23 -0.70 N | 46.21 2.47 -22.24 N | 61.62 2.01 -42.74 N | 71.85 3.41 -41.20 N | 86.82 1.24 -75.07 N | 76.11 3.91 -42.03 N | 91.08 3.74 -56.58 N | 87.04 3.08 -61.29 N | 125.29 2.01 -108.35 N | 108.78 1.42 -95.93 N | 92.56 2.93 -66.11 N | 94.04 1.93 -76.70 N | 86.18 1.88 -69.23 N | 142.27 0.60 -137.49 N | 98.51 0.78 -90.93 N | 99.79 0.79 -91.89 N | 88.55 2.68 -63.10 N | 89.25 2.07 -68.12 N | 90.78 4.64 -44.71 N | 94.83 4.86 -42.95 N | 91.08 3.76 -45.38 N |
| HOLTSVILLE_IC_2 23691 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -0.70 N | 46.13 2.38 -22.24 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N |
| HOLTSVILLE_IC_3 23692 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -0.70 N | 46.13 2.38 -22.24 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N |

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|--------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| | 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_4 23693 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -22.24 N | 46.13 2.38 -42.74 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N | |
| HOLTSVILLE_IC_5 23694 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -22.24 N | 46.13 2.38 -42.74 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N | |
| HOLTSVILLE_IC_6 23695 | 67.66 3.11 -38.60 N | 59.09 2.52 -34.97 N | 45.07 0.03 -44.77 N | 32.66 3.23 -22.24 N | 46.21 2.47 -42.74 N | 61.62 2.01 -42.74 N | 71.85 3.41 -41.20 N | 86.82 1.24 -75.07 N | 76.11 3.91 -42.03 N | 91.08 3.74 -56.58 N | 87.04 3.08 -61.29 N | 125.29 2.01 -108.35 N | 108.78 1.42 -95.93 N | 92.56 2.93 -66.11 N | 94.04 1.93 -76.70 N | 86.18 1.88 -69.23 N | 142.27 0.60 -137.49 N | 98.51 0.78 -90.93 N | 99.79 0.79 -91.89 N | 88.55 2.68 -63.10 N | 89.25 2.07 -68.12 N | 90.78 4.64 -44.71 N | 94.83 4.86 -42.95 N | 91.08 3.76 -45.38 N | |
| HOLTSVILLE_IC_7 23696 | 67.66 3.11 -38.60 N | 59.09 2.52 -34.97 N | 45.07 0.03 -44.77 N | 32.66 3.23 -22.24 N | 46.21 2.47 -42.74 N | 61.62 2.01 -42.74 N | 71.85 3.41 -41.20 N | 86.82 1.24 -75.07 N | 76.11 3.91 -42.03 N | 91.08 3.74 -56.58 N | 87.04 3.08 -61.29 N | 125.29 2.01 -108.35 N | 108.78 1.42 -95.93 N | 92.56 2.93 -66.11 N | 94.04 1.93 -76.70 N | 86.18 1.88 -69.23 N | 142.27 0.60 -137.49 N | 98.51 0.78 -90.93 N | 99.79 0.79 -91.89 N | 88.55 2.68 -63.10 N | 89.25 2.07 -68.12 N | 90.78 4.64 -44.71 N | 94.83 4.86 -42.95 N | 91.08 3.76 -45.38 N | |
| HOLTSVILLE_IC_8 23697 | 67.66 3.11 -38.60 N | 59.09 2.52 -34.97 N | 45.07 0.03 -44.77 N | 32.66 3.23 -22.24 N | 46.21 2.47 -42.74 N | 61.62 2.01 -42.74 N | 71.85 3.41 -41.20 N | 86.82 1.24 -75.07 N | 76.11 3.91 -42.03 N | 91.08 3.74 -56.58 N | 87.04 3.08 -61.29 N | 125.29 2.01 -108.35 N | 108.78 1.42 -95.93 N | 92.56 2.93 -66.11 N | 94.04 1.93 -76.70 N | 86.18 1.88 -69.23 N | 142.27 0.60 -137.49 N | 98.51 0.78 -90.93 N | 99.79 0.79 -91.89 N | 88.55 2.68 -63.10 N | 89.25 2.07 -68.12 N | 90.78 4.64 -44.71 N | 94.83 4.86 -42.95 N | 91.08 3.76 -45.38 N | |
| HOLTSVILLE_IC_9 23698 | 67.66 3.11 -38.60 N | 59.09 2.52 -34.97 N | 45.07 0.03 -44.77 N | 32.66 3.23 -22.24 N | 46.21 2.47 -42.74 N | 61.62 2.01 -42.74 N | 71.85 3.41 -41.20 N | 86.82 1.24 -75.07 N | 76.11 3.91 -42.03 N | 91.08 3.74 -56.58 N | 87.04 3.08 -61.29 N | 125.29 2.01 -108.35 N | 108.78 1.42 -95.93 N | 92.56 2.93 -66.11 N | 94.04 1.93 -76.70 N | 86.18 1.88 -69.23 N | 142.27 0.60 -137.49 N | 98.51 0.78 -90.93 N | 99.79 0.79 -91.89 N | 88.55 2.68 -63.10 N | 89.25 2.07 -68.12 N | 90.78 4.64 -44.71 N | 94.83 4.86 -42.95 N | 91.08 3.76 -45.38 N | |
| HQ_GEN_CEDARS 23644 | 25.07 -0.88 0.00 N | 21.04 -0.57 0.00 N | 0.27 0.00 0.00 N | 28.08 -0.65 0.00 N | 20.90 -0.60 0.00 N | 16.48 -0.39 0.00 N | 26.44 -0.80 0.00 N | 10.10 -0.40 0.00 N | 25.62 -4.56 0.00 N | 26.01 -4.75 0.00 N | 19.18 -3.49 0.00 N | 12.54 -2.39 0.00 N | 9.68 -1.75 0.00 N | 19.90 -3.63 0.00 N | 13.11 -2.31 0.00 N | 14.31 -0.77 0.00 N | 3.95 -0.22 0.00 N | 6.46 -0.34 0.00 N | 6.78 -0.33 0.00 N | 21.73 -1.05 0.00 N | 18.21 -0.85 0.00 N | 39.68 -1.75 0.00 N | 45.29 -1.72 0.00 N | 40.68 -1.24 0.00 N | |
| HQ_GEN_CHAT DC 23651 | 25.54 -0.41 0.00 N | 21.35 -0.25 0.00 N | 0.27 0.00 0.00 N | 28.43 -0.30 0.00 N | 21.21 -0.30 0.00 N | 16.66 -0.21 0.00 N | 55.00 -0.76 -16.55 N | -2.80 -1.09 40.25 N | 38.39 -0.89 -8.86 N | 23.16 -0.62 -0.99 N | 40.56 -0.74 -10.34 N | 14.52 -0.41 0.00 N | 11.15 -0.28 0.00 N | 22.93 -0.59 0.00 N | 20.54 -0.45 -3.90 N | 14.71 -0.37 0.00 N | 4.07 -0.11 0.00 N | 6.64 -0.16 0.00 N | 6.94 -0.17 0.00 N | 35.12 -0.53 -10.12 N | 18.63 -0.43 0.00 N | 40.53 -0.89 0.00 N | 10.14 -0.46 12.43 N | 41.34 -0.59 0.00 N | |
| HUDSON AVE_GT_3 23810 | 62.50 2.19 -34.37 N | 58.25 1.69 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -22.23 N | 45.37 1.63 -42.73 N | 60.93 1.33 -42.73 N | 64.12 2.43 -34.44 N | 83.75 0.96 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.36 2.42 -61.27 N | 124.12 1.64 -107.54 N | 108.57 1.24 -95.91 N | 92.21 2.59 -66.09 N | 93.78 1.69 -76.68 N | 85.91 1.62 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.23 2.37 -63.08 N | 89.11 1.94 -68.11 N | 90.26 4.14 -44.70 N | 94.53 4.57 -42.94 N | 91.09 3.79 -45.37 N | |
| HUDSON AVE_GT_4 23540 | 62.50 2.19 -34.37 N | 58.25 1.69 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -22.23 N | 45.37 1.63 -42.73 N | 60.93 1.33 -42.73 N | 64.12 2.43 -34.44 N | 83.75 0.96 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.36 2.42 -61.27 N | 124.12 1.64 -107.54 N | 108.57 1.24 -95.91 N | 92.21 2.59 -66.09 N | 93.78 1.69 -76.68 N | 85.91 1.62 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.23 2.37 -63.08 N | 89.11 1.94 -68.11 N | 90.26 4.14 -44.70 N | 94.53 4.57 -42.94 N | 91.09 3.79 -45.37 N | |
| HUDSON AVE_GT_5 23657 | 62.50 2.19 -34.37 N | 58.25 1.69 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -22.23 N | 45.37 1.63 -42.73 N | 60.93 1.33 -42.73 N | 64.12 2.43 -34.44 N | 83.75 0.96 -72.28 N | 73.29 3.05 -40.07 N | 90.47 3.14 -56.57 N | 86.36 2.42 -61.27 N | 124.12 1.64 -107.54 N | 108.57 1.24 -95.91 N | 92.21 2.59 -66.09 N | 93.78 1.69 -76.68 N | 85.91 1.62 -69.21 N | 142.09 0.46 -137.45 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.86 N | 88.23 2.37 -63.08 N | 89.11 1.94 -68.11 N | 90.26 4.14 -44.70 N | 94.53 4.57 -42.94 N | 91.09 3.79 -45.37 N | |
| HUDSON_AVE_10 24168 | 62.37 2.06 -34.37 N | 58.14 1.58 -34.96 N | 45.05 0.02 -44.76 N | 31.41 1.97 -22.23 N | 45.25 1.51 -42.72 N | 60.82 1.23 -42.72 N | 63.97 2.29 -34.44 N | 83.67 0.90 -72.27 N | 73.13 2.88 -40.06 N | 90.31 2.98 -56.57 N | 86.27 2.32 -61.27 N | 124.04 1.57 -107.54 N | 108.50 1.18 -95.91 N | 92.08 2.47 -66.09 N | 93.71 1.61 -76.68 N | 85.83 1.54 -69.21 N | 142.06 0.43 -137.45 N | 98.36 0.66 -90.91 N | 99.67 0.70 -91.86 N | 88.12 2.26 -63.08 N | 89.04 1.88 -68.11 N | 90.13 4.00 -44.70 N | 94.37 4.41 -42.94 N | 90.94 3.64 -45.37 N | |
| HUNTLEY___63 23557 | 30.22 -1.15 -5.43 N | 25.81 -1.32 -5.52 N | 7.30 -0.04 -7.07 N | 26.95 -1.90 -0.11 N | 23.72 -1.30 -3.51 N | 22.25 -1.37 -6.75 N | 30.67 -2.01 -5.44 N | 21.29 -0.63 -11.42 N | 34.46 -2.05 -6.33 N | 37.51 -2.19 -9.68 N | 30.82 -1.53 -16.99 N | 30.89 -1.03 -15.15 N | 25.82 -0.76 -10.44 N | 32.46 -1.50 -12.11 N | 26.62 -0.91 -10.93 N | 25.17 -0.85 -21.72 N | 25.66 -0.23 -14.42 N | 20.84 -0.37 -14.57 N | 21.27 -0.41 -10.01 N | 31.24 -1.55 -10.80 N | 28.55 -1.31 -7.08 N | 45.62 -2.89 -6.80 N | 50.64 -3.18 -7.18 N | 45.99 -3.12 -7.18 N | |
| HUNTLEY___64 | 30.22 | 25.81 | 7.30 | 26.95 | 23.72 | 22.25 | 30.67 | 21.29 | 34.46 | 37.51 | 30.82 | 30.89 | 25.82 | 32.46 | 26.62 | 25.17 | 25.66 | 20.84 | 21.27 | 31.24 | 28.55 | 45.62 | 50.64 | 45.99 | |

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| 23558 | -1.15 -5.43 N | -1.32 -5.52 N | -0.04 -7.07 N | -1.90 -0.11 N | -1.30 -3.51 N | -1.37 -6.75 N | -2.01 -5.44 N | -0.63 -11.42 N | -2.05 -6.33 N | -2.19 -8.94 N | -1.53 -9.68 N | -1.03 -16.99 N | -0.76 -15.15 N | -1.50 -10.44 N | -0.91 -12.11 N | -0.85 -10.93 N | -0.23 -21.72 N | -0.37 -14.42 N | -0.41 -14.57 N | -1.55 -10.01 N | -1.31 -10.80 N | -2.89 -7.08 N | -3.18 -6.80 N | -3.12 -7.18 N |
| HUNTLEY___65 23559 | 30.22 -1.15 -5.43 N | 25.81 -1.32 -5.52 N | 7.30 -0.04 -7.07 N | 26.95 -1.90 -0.11 N | 23.72 -1.30 -3.51 N | 22.25 -1.37 -6.75 N | 30.67 -2.01 -5.44 N | 21.29 -0.63 -11.42 N | 34.46 -2.05 -6.33 N | 37.51 -2.19 -8.94 N | 30.82 -1.53 -9.68 N | 30.89 -1.03 -16.99 N | 25.82 -0.76 -15.15 N | 32.46 -1.50 -10.44 N | 26.62 -0.91 -12.11 N | 25.17 -0.85 -10.93 N | 25.66 -0.23 -21.72 N | 20.84 -0.37 -14.42 N | 21.27 -0.41 -14.57 N | 31.24 -1.55 -10.01 N | 28.55 -1.31 -10.80 N | 45.62 -2.89 -7.08 N | 50.64 -3.18 -6.80 N | 45.99 -3.12 -7.18 N |
| HUNTLEY___66 23560 | 30.22 -1.15 -5.43 N | 25.81 -1.32 -5.52 N | 7.30 -0.04 -7.07 N | 26.95 -1.90 -0.11 N | 23.72 -1.30 -3.51 N | 22.25 -1.37 -6.75 N | 30.67 -2.01 -5.44 N | 21.29 -0.63 -11.42 N | 34.46 -2.05 -6.33 N | 37.51 -2.19 -8.94 N | 30.82 -1.53 -9.68 N | 30.89 -1.03 -16.99 N | 25.82 -0.76 -15.15 N | 32.46 -1.50 -10.44 N | 26.62 -0.91 -12.11 N | 25.17 -0.85 -10.93 N | 25.66 -0.23 -21.72 N | 20.84 -0.37 -14.42 N | 21.27 -0.41 -14.57 N | 31.24 -1.55 -10.01 N | 28.55 -1.31 -10.80 N | 45.62 -2.89 -7.08 N | 50.64 -3.18 -6.80 N | 45.99 -3.12 -7.18 N |
| HUNTLEY___67 23561 | 30.03 -1.51 -5.59 N | 25.68 -1.61 -5.68 N | 7.51 -0.04 -7.28 N | 26.57 -2.28 -0.11 N | 23.54 -1.58 -3.62 N | 22.29 -1.53 -6.95 N | 30.59 -2.25 -5.60 N | 21.54 -0.72 -11.76 N | 34.41 -2.29 -6.52 N | 37.53 -2.43 -9.20 N | 30.91 -1.73 -9.97 N | 31.28 -1.14 -17.49 N | 26.17 -0.85 -15.60 N | 32.58 -1.70 -10.75 N | 26.85 -1.04 -12.46 N | 25.37 -0.97 -11.26 N | 26.28 -0.26 -22.36 N | 21.21 -0.43 -14.84 N | 21.63 -0.47 -15.00 N | 31.34 -1.74 -10.30 N | 28.69 -1.49 -11.12 N | 45.46 -3.26 -7.29 N | 50.43 -3.59 -7.00 N | 45.81 -3.51 -7.39 N |
| HUNTLEY___68 23562 | 30.03 -1.51 -5.59 N | 25.68 -1.61 -5.68 N | 7.51 -0.04 -7.28 N | 26.57 -2.28 -0.11 N | 23.54 -1.58 -3.62 N | 22.29 -1.53 -6.95 N | 30.59 -2.25 -5.60 N | 21.54 -0.72 -11.76 N | 34.41 -2.29 -6.52 N | 37.53 -2.43 -9.20 N | 30.91 -1.73 -9.97 N | 31.28 -1.14 -17.49 N | 26.17 -0.85 -15.60 N | 32.58 -1.70 -10.75 N | 26.85 -1.04 -12.46 N | 25.37 -0.97 -11.26 N | 26.28 -0.26 -22.36 N | 21.21 -0.43 -14.84 N | 21.63 -0.47 -15.00 N | 31.34 -1.74 -10.30 N | 28.69 -1.49 -11.12 N | 45.46 -3.26 -7.29 N | 50.43 -3.59 -7.00 N | 45.81 -3.51 -7.39 N |
| INDECK___CORINTH 23802 | 71.75 1.46 -44.34 N | 67.86 1.15 -45.10 N | 58.04 0.02 -57.75 N | 31.25 1.61 -0.91 N | 51.37 1.18 -28.68 N | 72.97 0.97 -55.13 N | 73.46 1.78 -44.44 N | 104.55 0.79 -93.25 N | 84.17 2.29 -51.70 N | 105.97 2.21 -73.00 N | 103.32 1.58 -79.06 N | 154.75 1.05 -138.77 N | 135.94 0.76 -123.75 N | 110.31 1.50 -85.28 N | 115.35 0.98 -98.94 N | 105.32 0.93 -89.31 N | 181.81 0.26 -177.37 N | 124.56 0.39 -117.38 N | 126.17 0.44 -118.62 N | 105.74 1.48 -81.48 N | 108.48 1.30 -88.12 N | 101.71 2.53 -57.75 N | 105.49 3.03 -55.45 N | 103.14 2.61 -58.61 N |
| INDECK___ILION 23567 | 25.17 0.64 1.42 N | 20.68 0.52 1.44 N | -1.57 0.01 1.85 N | 29.40 0.69 0.03 N | 21.16 0.57 0.92 N | 15.53 0.43 1.76 N | 26.56 0.75 1.42 N | 7.84 0.31 2.98 N | 29.50 0.98 1.65 N | 29.47 1.04 2.33 N | 20.92 0.78 2.53 N | 11.02 0.53 4.44 N | 7.85 0.38 3.96 N | 21.59 0.78 2.72 N | 12.79 0.50 3.13 N | 12.69 0.47 2.85 N | -1.29 0.13 5.60 N | 4.37 0.18 2.61 N | 4.68 0.19 2.63 N | 21.63 0.66 1.81 N | 17.66 0.52 1.92 N | 41.27 1.09 1.25 N | 46.99 1.17 1.20 N | 41.62 0.96 1.27 N |
| INDECK___OLEAN 23982 | 31.93 -0.34 -6.32 N | 27.41 -0.62 -6.43 N | 8.47 -0.03 -8.23 N | 27.83 -1.03 -0.13 N | 25.04 -0.55 -4.09 N | 24.17 -0.56 -7.86 N | 33.08 -0.49 -6.33 N | 23.86 0.07 -13.29 N | 37.68 0.13 -7.37 N | 41.33 0.16 -10.41 N | 34.03 0.09 -11.27 N | 34.95 0.24 -19.78 N | 29.10 0.04 -17.64 N | 35.81 0.13 -12.15 N | 29.63 0.11 -14.09 N | 27.91 0.10 -12.73 N | 29.49 0.03 -25.29 N | 23.59 0.03 -16.77 N | 24.08 0.02 -16.95 N | 34.39 -0.03 -11.64 N | 31.51 -0.12 -12.57 N | 49.30 -0.37 -8.24 N | 54.48 -0.45 -7.92 N | 49.11 -1.18 -8.36 N |
| INDECK___OSWEGO 23783 | 28.19 -0.39 -2.63 N | 23.91 -0.38 -2.68 N | 3.69 -0.01 -3.43 N | 28.22 -0.56 -0.05 N | 22.81 -0.40 -1.71 N | 19.83 -0.31 -3.28 N | 29.47 -0.41 -2.64 N | 15.95 -0.10 -5.54 N | 32.98 -0.27 -3.07 N | 34.83 -0.26 -4.34 N | 27.19 -0.18 -4.70 N | 23.07 -0.11 -8.24 N | 18.68 -0.10 -7.35 N | 28.41 -0.18 -5.06 N | 21.16 -0.12 -5.86 N | 20.26 -0.12 -5.31 N | 14.69 -0.03 -10.54 N | 13.81 -0.05 -7.07 N | 14.20 -0.05 -7.14 N | 27.48 -0.20 -4.91 N | 24.15 -0.19 -5.28 N | 44.41 -0.46 -3.45 N | 49.71 -0.61 -3.31 N | 44.69 -0.74 -3.50 N |
| INDECK___YERKES 23781 | 30.22 -1.15 -5.43 N | 25.81 -1.32 -5.52 N | 7.30 -0.04 -7.07 N | 26.95 -1.90 -0.11 N | 23.72 -1.30 -3.51 N | 22.25 -1.37 -6.75 N | 30.67 -2.01 -5.44 N | 21.29 -0.63 -11.42 N | 34.46 -2.05 -6.33 N | 37.51 -2.19 -8.94 N | 30.82 -1.53 -9.68 N | 30.89 -1.03 -16.99 N | 25.82 -0.76 -15.15 N | 32.46 -1.50 -10.44 N | 26.62 -0.91 -12.11 N | 25.17 -0.85 -10.93 N | 25.66 -0.23 -21.72 N | 20.84 -0.37 -14.42 N | 21.27 -0.41 -14.57 N | 31.24 -1.55 -10.01 N | 28.55 -1.31 -10.80 N | 45.62 -2.89 -7.08 N | 50.64 -3.18 -6.80 N | 45.99 -3.12 -7.18 N |
| INDIAN POINT_GT_1 24139 | 61.97 1.93 -34.09 N | 57.77 1.49 -34.68 N | 44.69 0.02 -44.41 N | 31.30 1.87 -0.70 N | 45.00 1.44 -22.06 N | 60.43 1.17 -42.39 N | 63.55 2.14 -34.17 N | 83.08 0.87 -71.71 N | 72.66 2.73 -39.75 N | 89.68 2.79 -56.13 N | 85.59 2.13 -60.79 N | 123.92 1.51 -107.48 N | 108.29 1.15 -95.71 N | 91.43 2.33 -65.57 N | 93.01 1.52 -76.07 N | 85.20 1.45 -68.67 N | 140.95 0.41 -136.37 N | 97.60 0.61 -90.19 N | 98.92 0.67 -91.14 N | 87.53 2.16 -62.58 N | 88.42 1.79 -67.57 N | 89.59 3.81 -44.35 N | 93.79 4.17 -42.60 N | 90.35 3.41 -45.02 N |
| INDIAN POINT_GT_2 23659 | 61.97 1.93 -34.09 N | 57.77 1.49 -34.68 N | 44.69 0.02 -44.41 N | 31.30 1.87 -0.70 N | 45.00 1.44 -22.06 N | 60.43 1.17 -42.39 N | 63.55 2.14 -34.17 N | 83.08 0.87 -71.71 N | 72.66 2.73 -39.75 N | 89.68 2.79 -56.13 N | 85.59 2.13 -60.79 N | 123.92 1.51 -107.48 N | 108.29 1.15 -95.71 N | 91.43 2.33 -65.57 N | 93.01 1.52 -76.07 N | 85.20 1.45 -68.67 N | 140.95 0.41 -136.37 N | 97.60 0.61 -90.19 N | 98.92 0.67 -91.14 N | 87.53 2.16 -62.58 N | 88.42 1.79 -67.57 N | 89.59 3.81 -44.35 N | 93.79 4.17 -42.60 N | 90.35 3.41 -45.02 N |
| INDIAN POINT_GT_3 24019 | 61.97 1.93 -34.09 N | 57.77 1.49 -34.68 N | 44.69 0.02 -44.41 N | 31.30 1.87 -0.70 N | 45.00 1.44 -22.06 N | 60.43 1.17 -42.39 N | 63.55 2.14 -34.17 N | 83.08 0.87 -71.71 N | 72.66 2.73 -39.75 N | 89.68 2.79 -56.13 N | 85.59 2.13 -60.79 N | 123.92 1.51 -107.48 N | 108.29 1.15 -95.71 N | 91.43 2.33 -65.57 N | 93.01 1.52 -76.07 N | 85.20 1.45 -68.67 N | 140.95 0.41 -136.37 N | 97.60 0.61 -90.19 N | 98.92 0.67 -91.14 N | 87.53 2.16 -62.58 N | 88.42 1.79 -67.57 N | 89.59 3.81 -44.35 N | 93.79 4.17 -42.60 N | 90.35 3.41 -45.02 N |
| INDIAN POINT___2 23530 | 61.56 1.88 -33.73 N | 57.37 1.45 -34.32 N | 44.23 0.02 -43.95 N | 31.24 1.82 -0.69 N | 44.73 1.40 -21.83 N | 59.95 1.13 -41.95 N | 63.14 2.09 -33.81 N | 82.31 0.86 -70.95 N | 72.20 2.69 -39.33 N | 89.05 2.75 -55.54 N | 84.92 2.10 -60.15 N | 121.86 1.45 -105.48 N | 106.61 1.11 -94.08 N | 90.70 2.29 -64.88 N | 92.18 1.49 -75.27 N | 84.45 1.42 -67.95 N | 139.51 0.40 -134.94 N | 96.64 0.60 -89.25 N | 97.95 0.65 -90.18 N | 86.83 2.12 -61.93 N | 87.68 1.77 -66.86 N | 89.06 3.75 -43.88 N | 93.26 4.09 -42.16 N | 89.80 3.33 -44.54 N |

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|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| INDIAN POINT____3 23531 | 61.89 1.84 -34.11 N | 57.72 1.42 -34.69 N | 44.71 0.02 -44.42 N | 31.21 1.78 -0.70 N | 44.94 1.37 -22.06 N | 60.39 1.11 -42.41 N | 63.47 2.05 -34.18 N | 83.07 0.83 -71.73 N | 72.56 2.62 -39.76 N | 89.59 2.68 -56.15 N | 85.53 2.04 -60.81 N | 123.14 1.47 -106.74 N | 107.74 1.13 -95.19 N | 91.45 2.33 -65.59 N | 93.03 1.52 -76.10 N | 85.22 1.46 -68.69 N | 141.00 0.41 -136.42 N | 97.63 0.61 -90.22 N | 98.95 0.67 -91.17 N | 87.55 2.16 -62.61 N | 88.45 1.80 -67.60 N | 89.62 3.83 -44.36 N | 93.81 4.18 -42.62 N | 90.41 3.45 -45.03 N |
| IP CORINTH____1 23988 | 71.79 1.50 -44.34 N | 67.89 1.18 -45.10 N | 58.04 0.02 -57.75 N | 31.28 1.64 -0.91 N | 51.39 1.20 -28.68 N | 72.99 0.99 -55.13 N | 73.49 1.81 -44.44 N | 104.56 0.80 -93.25 N | 84.22 2.34 -51.70 N | 106.01 2.26 -73.00 N | 103.35 1.62 -79.06 N | 154.78 1.08 -138.77 N | 135.95 0.78 -123.75 N | 110.35 1.54 -85.28 N | 115.37 1.01 -98.94 N | 105.34 0.95 -89.31 N | 181.81 0.26 -177.37 N | 124.57 0.40 -117.38 N | 126.18 0.45 -118.62 N | 105.77 1.51 -81.48 N | 108.51 1.33 -88.12 N | 101.79 2.61 -57.75 N | 105.55 3.08 -55.45 N | 103.19 2.66 -58.61 N |
| IP____TICONDEROGA 23804 | 71.22 2.39 -42.88 N | 67.19 1.98 -43.61 N | 56.14 0.03 -55.85 N | 32.22 2.61 -0.88 N | 51.13 1.89 -27.74 N | 71.61 1.43 -53.31 N | 72.79 2.57 -42.97 N | 101.69 1.01 -90.18 N | 82.99 2.81 -50.00 N | 104.23 2.87 -70.60 N | 101.15 2.01 -76.46 N | 150.47 1.34 -134.21 N | 132.14 1.03 -119.68 N | 107.98 1.98 -82.48 N | 112.37 1.26 -95.69 N | 102.68 1.23 -86.37 N | 176.06 0.34 -171.54 N | 120.80 0.50 -113.51 N | 122.39 0.57 -114.71 N | 103.50 1.93 -78.79 N | 105.96 1.71 -85.19 N | 100.65 3.37 -55.84 N | 104.99 4.34 -53.62 N | 102.91 4.26 -56.72 N |
| JARVIS____ 23743 | 24.71 0.18 1.42 N | 20.29 0.13 1.44 N | -1.58 0.00 1.85 N | 28.90 0.19 0.03 N | 20.76 0.17 0.92 N | 15.24 0.14 1.76 N | 26.07 0.25 1.42 N | 7.64 0.11 2.98 N | 28.89 0.36 1.65 N | 28.78 0.35 2.33 N | 20.41 0.27 2.53 N | 10.66 0.16 4.44 N | 7.58 0.11 3.96 N | 21.04 0.24 2.72 N | 12.44 0.15 3.13 N | 12.36 0.13 2.85 N | -1.39 0.04 5.60 N | 4.23 0.04 2.61 N | 4.52 0.04 2.63 N | 21.13 0.15 1.81 N | 17.27 0.13 1.92 N | 40.47 0.29 1.25 N | 46.10 0.28 1.20 N | 40.87 0.21 1.27 N |
| JENNISON____1 23625 | 40.16 0.94 -13.27 N | 35.81 0.70 -13.50 N | 17.55 0.00 -17.29 N | 29.79 0.79 -0.27 N | 30.73 0.64 -8.59 N | 33.97 0.60 -16.50 N | 41.72 1.18 -13.30 N | 39.06 0.65 -27.91 N | 47.47 1.82 -15.47 N | 54.41 1.81 -21.84 N | 47.61 1.28 -23.66 N | 57.40 0.95 -41.52 N | 49.07 0.62 -37.03 N | 50.31 1.27 -25.52 N | 45.83 0.82 -29.60 N | 42.58 0.77 -26.72 N | 57.47 0.22 -53.08 N | 42.30 0.35 -35.15 N | 43.02 0.38 -35.52 N | 48.38 1.20 -24.40 N | 46.39 0.99 -26.35 N | 60.75 2.04 -17.28 N | 65.71 2.10 -16.60 N | 60.93 1.48 -17.53 N |
| JENNISON____2 23626 | 40.13 0.91 -13.27 N | 35.78 0.68 -13.50 N | 17.55 0.00 -17.29 N | 29.77 0.76 -0.27 N | 30.71 0.62 -8.59 N | 33.96 0.59 -16.50 N | 41.68 1.14 -13.30 N | 39.05 0.64 -27.91 N | 47.43 1.78 -15.47 N | 54.37 1.76 -21.84 N | 47.57 1.24 -23.66 N | 57.37 0.92 -41.52 N | 49.05 0.60 -37.03 N | 50.27 1.23 -25.52 N | 45.81 0.79 -29.60 N | 42.55 0.75 -26.72 N | 57.47 0.21 -53.08 N | 42.29 0.34 -35.15 N | 43.01 0.37 -35.52 N | 48.35 1.18 -24.40 N | 46.36 0.96 -26.35 N | 60.70 1.99 -17.28 N | 65.65 2.04 -16.60 N | 60.89 1.43 -17.53 N |
| KEDC PORT_JEFF_GT2 24210 | 67.60 3.05 -38.60 N | 59.04 2.47 -34.97 N | 45.07 0.03 -44.77 N | 32.61 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.96 -42.74 N | 71.78 3.34 -41.20 N | 86.78 1.21 -75.07 N | 76.01 3.81 -42.03 N | 90.96 3.61 -56.58 N | 86.94 2.98 -61.29 N | 125.22 1.94 -108.35 N | 108.72 1.37 -95.93 N | 92.46 2.83 -66.11 N | 93.98 1.86 -76.70 N | 86.12 1.82 -69.23 N | 142.25 0.59 -137.49 N | 98.48 0.75 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.10 1.91 -68.12 N | 90.61 4.47 -44.71 N | 94.63 4.66 -42.95 N | 90.92 3.61 -45.38 N |
| KEDC PORT_JEFF_GT3 24211 | 67.60 3.05 -38.60 N | 59.04 2.47 -34.97 N | 45.07 0.03 -44.77 N | 32.61 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.96 -42.74 N | 71.78 3.34 -41.20 N | 86.78 1.21 -75.07 N | 76.01 3.81 -42.03 N | 90.96 3.61 -56.58 N | 86.94 2.98 -61.29 N | 125.22 1.94 -108.35 N | 108.72 1.37 -95.93 N | 92.46 2.83 -66.11 N | 93.98 1.86 -76.70 N | 86.12 1.82 -69.23 N | 142.25 0.59 -137.49 N | 98.48 0.75 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.10 1.91 -68.12 N | 90.61 4.47 -44.71 N | 94.63 4.66 -42.95 N | 90.92 3.61 -45.38 N |
| KEDC_GLWD_GT4 24219 | 67.06 2.51 -38.60 N | 58.53 1.96 -34.97 N | 45.06 0.03 -44.77 N | 31.90 2.46 -0.70 N | 45.62 1.88 -22.24 N | 61.13 1.52 -42.74 N | 71.16 2.72 -41.20 N | 86.65 1.07 -75.07 N | 75.55 3.34 -42.03 N | 90.72 3.38 -56.58 N | 86.55 2.60 -61.29 N | 125.03 1.75 -108.35 N | 108.63 1.27 -95.93 N | 92.30 2.67 -66.11 N | 93.86 1.75 -76.70 N | 86.00 1.69 -69.23 N | 142.18 0.51 -137.49 N | 98.42 0.70 -90.93 N | 99.71 0.71 -91.89 N | 88.25 2.37 -63.10 N | 89.17 1.98 -68.12 N | 90.61 4.47 -44.71 N | 94.80 4.83 -42.95 N | 91.26 3.95 -45.38 N |
| KEDC_GLWD_GT5 24220 | 67.06 2.51 -38.60 N | 58.53 1.96 -34.97 N | 45.06 0.03 -44.77 N | 31.90 2.46 -0.70 N | 45.62 1.88 -22.24 N | 61.13 1.52 -42.74 N | 71.16 2.72 -41.20 N | 86.65 1.07 -75.07 N | 75.55 3.34 -42.03 N | 90.72 3.38 -56.58 N | 86.55 2.60 -61.29 N | 125.03 1.75 -108.35 N | 108.63 1.27 -95.93 N | 92.30 2.67 -66.11 N | 93.86 1.75 -76.70 N | 86.00 1.69 -69.23 N | 142.18 0.51 -137.49 N | 98.42 0.70 -90.93 N | 99.71 0.71 -91.89 N | 88.25 2.37 -63.10 N | 89.17 1.98 -68.12 N | 90.61 4.47 -44.71 N | 94.80 4.83 -42.95 N | 91.26 3.95 -45.38 N |
| KENSICO____ 23655 | 62.27 2.01 -34.31 N | 58.06 1.55 -34.90 N | 44.98 0.02 -44.69 N | 31.39 1.95 -0.70 N | 45.20 1.50 -22.20 N | 60.74 1.21 -42.66 N | 63.84 2.21 -34.39 N | 83.56 0.89 -72.16 N | 72.98 2.79 -40.00 N | 90.11 2.87 -56.48 N | 86.03 2.19 -61.17 N | 123.82 1.51 -107.38 N | 108.33 1.15 -95.75 N | 91.89 2.37 -65.99 N | 93.52 1.54 -76.56 N | 85.66 1.48 -69.10 N | 141.84 0.42 -137.24 N | 98.19 0.63 -90.76 N | 99.51 0.67 -91.72 N | 87.95 2.19 -62.98 N | 88.88 1.82 -68.00 N | 89.93 3.87 -44.63 N | 94.15 4.25 -42.88 N | 90.74 3.51 -45.30 N |
| KIAC_JFK_GT1 23816 | 62.39 2.07 -34.37 N | 58.17 1.60 -34.96 N | 45.04 0.02 -44.76 N | 31.41 1.97 -0.70 N | 45.26 1.52 -22.23 N | 60.81 1.22 -42.72 N | 63.98 2.31 -34.44 N | 83.67 0.89 -72.27 N | 73.13 2.89 -40.06 N | 90.25 2.92 -56.57 N | 86.26 2.31 -61.27 N | 124.02 1.55 -107.54 N | 108.47 1.14 -95.91 N | 92.03 2.41 -66.09 N | 93.68 1.58 -76.68 N | 85.79 1.50 -69.21 N | 142.05 0.42 -137.45 N | 98.35 0.65 -90.91 N | 99.66 0.68 -91.86 N | 88.09 2.23 -63.08 N | 89.04 1.87 -68.11 N | 90.23 4.10 -44.70 N | 94.47 4.51 -42.94 N | 91.02 3.72 -45.37 N |
| KIAC_JFK_GT2 23817 | 62.39 2.07 -34.37 N | 58.17 1.60 -34.96 N | 45.04 0.02 -44.76 N | 31.41 1.97 -0.70 N | 45.26 1.52 -22.23 N | 60.81 1.22 -42.72 N | 63.98 2.31 -34.44 N | 83.67 0.89 -72.27 N | 73.13 2.89 -40.06 N | 90.25 2.92 -56.57 N | 86.26 2.31 -61.27 N | 124.02 1.55 -107.54 N | 108.47 1.14 -95.91 N | 92.03 2.41 -66.09 N | 93.68 1.58 -76.68 N | 85.79 1.50 -69.21 N | 142.05 0.42 -137.45 N | 98.35 0.65 -90.91 N | 99.66 0.68 -91.86 N | 88.09 2.23 -63.08 N | 89.04 1.87 -68.11 N | 90.23 4.10 -44.70 N | 94.47 4.51 -42.94 N | 91.02 3.72 -45.37 N |
| KINTIGH____ 23543 | 28.76 -1.83 -4.64 | 24.51 -1.81 -4.72 | 6.27 -0.04 -6.04 | 26.29 -2.54 -0.09 | 22.69 -1.82 -3.00 | 20.97 -1.67 -5.77 | 29.34 -2.55 -4.65 | 19.40 -0.86 -9.75 | 32.90 -2.68 -5.41 | 35.57 -2.82 -7.63 | 28.94 -2.00 -8.27 | 28.08 -1.36 -14.51 | 23.38 -0.99 -12.94 | 30.46 -1.98 -8.91 | 24.53 -1.23 -10.34 | 23.27 -1.15 -9.34 | 22.41 -0.32 -18.55 | 18.62 -0.50 -12.32 | 19.01 -0.55 -12.45 | 29.34 -1.99 -8.55 | 26.61 -1.68 -9.23 | 43.77 -3.71 -6.05 | 48.69 -4.14 -5.81 | 44.16 -3.91 -6.14 |

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| | 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 |
| LEDERLE____ 23769 | 61.41 2.20 -33.26 N | 57.15 1.70 -33.84 N | 43.61 0.02 -43.33 N | 31.57 2.16 -0.68 N | 44.68 1.66 -21.52 N | 59.57 1.34 -41.36 N | 63.02 2.44 -33.34 N | 81.48 1.01 -69.96 N | 72.09 3.13 -38.78 N | 88.86 3.33 -54.76 N | 84.50 2.52 -59.31 N | 120.76 1.75 -104.08 N | 105.58 1.33 -92.82 N | 90.25 2.75 -63.98 N | 91.42 1.78 -74.23 N | 83.78 1.70 -67.00 N | 137.72 0.48 -133.06 N | 95.52 0.73 -88.00 N | 96.83 0.79 -88.93 N | 86.41 2.56 -61.06 N | 87.13 2.14 -65.93 N | 89.27 4.57 -43.27 N | 93.57 4.98 -41.57 N | 89.90 4.06 -43.92 N | |
| LINDEN COGEN____ 23786 | 62.37 2.06 -34.37 N | 58.13 1.57 -34.96 N | 45.05 0.02 -44.77 N | 31.41 1.97 -0.70 N | 45.26 1.52 -22.23 N | 60.84 1.24 -42.73 N | 63.99 2.31 -34.44 N | 83.69 0.90 -72.28 N | 73.11 2.87 -40.07 N | 90.28 2.94 -56.57 N | 86.22 2.28 -61.27 N | 124.01 1.54 -107.54 N | 108.50 1.17 -95.91 N | 92.06 2.44 -66.09 N | 93.68 1.59 -76.68 N | 85.82 1.53 -69.21 N | 142.07 0.44 -137.45 N | 98.34 0.65 -90.91 N | 99.66 0.69 -91.86 N | 88.08 2.22 -63.08 N | 89.00 1.83 -68.11 N | 90.02 3.89 -44.70 N | 94.31 4.35 -42.94 N | 90.94 3.64 -45.37 N | |
| LIPA_MISC_IPP 23656 | 67.57 3.02 -38.60 N | 59.05 2.48 -34.97 N | 45.07 0.03 -44.77 N | 32.60 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.97 -42.74 N | 71.76 3.32 -41.20 N | 86.76 1.18 -75.07 N | 75.94 3.73 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.95 -61.29 N | 125.20 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.84 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.45 2.57 -63.10 N | 89.15 1.97 -68.12 N | 90.53 4.39 -44.71 N | 94.55 4.57 -42.95 N | 90.83 3.52 -45.38 N | |
| LITTLE FALLS___HYD 24013 | 25.70 1.17 1.42 N | 21.13 0.97 1.44 N | -1.57 0.01 1.85 N | 29.97 1.26 0.03 N | 21.61 1.02 0.92 N | 15.87 0.77 1.76 N | 27.10 1.29 1.42 N | 8.05 0.53 2.98 N | 30.18 1.66 1.65 N | 30.20 1.78 2.33 N | 21.49 1.34 2.53 N | 11.42 0.93 4.44 N | 8.13 0.66 3.96 N | 22.17 1.36 2.72 N | 13.16 0.88 3.13 N | 13.03 0.81 2.85 N | -1.19 0.23 5.60 N | 4.51 0.32 2.61 N | 4.83 0.35 2.63 N | 22.16 1.19 1.81 N | 18.08 0.94 1.92 N | 42.13 1.95 1.25 N | 47.95 2.13 1.20 N | 42.46 1.80 1.27 N | |
| LONG_LAKE_PHOENIX 24014 | 28.46 -0.22 -2.72 N | 24.13 -0.24 -2.77 N | 3.81 -0.01 -3.55 N | 28.41 -0.38 -0.06 N | 23.01 -0.26 -1.76 N | 20.05 -0.21 -3.39 N | 29.75 -0.21 -2.73 N | 16.21 -0.02 -5.73 N | 33.35 -0.01 -3.17 N | 35.26 0.01 -4.48 N | 27.55 0.03 -4.86 N | 23.49 0.04 -8.52 N | 19.03 0.01 -7.60 N | 28.80 0.04 -5.23 N | 21.51 0.03 -6.06 N | 20.59 0.02 -5.48 N | 15.08 0.00 -10.90 N | 14.11 0.01 -7.30 N | 14.50 0.01 -7.38 N | 27.85 0.00 -5.07 N | 24.49 -0.02 -5.46 N | 44.87 -0.12 -3.57 N | 50.18 -0.26 -3.43 N | 45.09 -0.45 -3.62 N | |
| LOVETT___3 23632 | 60.96 1.61 -33.40 N | 56.83 1.25 -33.97 N | 43.78 0.02 -43.50 N | 30.96 1.55 -0.69 N | 44.31 1.20 -21.61 N | 59.36 0.96 -41.53 N | 62.51 1.80 -33.47 N | 81.50 0.75 -70.25 N | 71.49 2.38 -38.94 N | 88.03 2.29 -54.98 N | 83.96 1.74 -59.55 N | 120.66 1.23 -104.50 N | 105.56 0.94 -93.19 N | 89.71 1.95 -64.23 N | 91.21 1.26 -74.52 N | 83.54 1.20 -67.27 N | 138.10 0.33 -133.59 N | 95.63 0.48 -88.36 N | 96.93 0.53 -89.29 N | 85.81 1.72 -61.31 N | 86.68 1.43 -66.19 N | 87.92 3.04 -43.44 N | 92.04 3.29 -41.74 N | 88.67 2.65 -44.10 N | |
| LOVETT___4 23642 | 61.23 1.87 -33.41 N | 57.04 1.45 -33.99 N | 43.80 0.02 -43.52 N | 31.24 1.82 -0.69 N | 44.53 1.40 -21.61 N | 59.53 1.12 -41.54 N | 62.80 2.08 -33.49 N | 81.63 0.86 -70.27 N | 71.83 2.70 -38.95 N | 88.49 2.74 -55.00 N | 84.32 2.08 -59.57 N | 120.91 1.46 -104.53 N | 105.76 1.11 -93.22 N | 90.08 2.30 -64.25 N | 91.45 1.49 -74.55 N | 83.78 1.41 -67.29 N | 138.20 0.39 -133.63 N | 95.76 0.59 -88.38 N | 97.07 0.64 -89.31 N | 86.19 2.08 -61.33 N | 87.00 1.73 -66.21 N | 88.58 3.69 -43.46 N | 92.76 4.00 -41.75 N | 89.29 3.25 -44.11 N | |
| LOVETT___5 23593 | 61.23 1.87 -33.41 N | 57.04 1.45 -33.99 N | 43.80 0.02 -43.52 N | 31.24 1.82 -0.69 N | 44.53 1.40 -21.61 N | 59.53 1.12 -41.54 N | 62.80 2.08 -33.49 N | 81.63 0.86 -70.27 N | 71.83 2.70 -38.95 N | 88.49 2.74 -55.00 N | 84.32 2.08 -59.57 N | 120.91 1.46 -104.53 N | 105.76 1.11 -93.22 N | 90.08 2.30 -64.25 N | 91.45 1.49 -74.55 N | 83.78 1.41 -67.29 N | 138.20 0.39 -133.63 N | 95.76 0.59 -88.38 N | 97.07 0.64 -89.31 N | 86.19 2.08 -61.33 N | 87.00 1.73 -66.21 N | 88.58 3.69 -43.46 N | 92.76 4.00 -41.75 N | 89.29 3.25 -44.11 N | |
| LOWER RAQUET___HYD 24057 | 24.92 -1.03 0.00 N | 20.90 -0.70 0.00 N | 0.26 0.00 0.00 N | 27.85 -0.88 0.00 N | 20.66 -0.85 0.00 N | 16.32 -0.55 0.00 N | 26.15 -1.09 0.00 N | 10.08 -0.43 0.00 N | 28.52 -1.66 0.00 N | 28.99 -1.77 0.00 N | 21.39 -1.29 0.00 N | 14.07 -0.86 0.00 N | 10.81 -0.62 0.00 N | 22.22 -1.30 0.00 N | 14.55 -0.87 0.00 N | 14.37 -0.71 0.00 N | 3.94 -0.24 0.00 N | 6.44 -0.36 0.00 N | 6.77 -0.34 0.00 N | 21.71 -1.08 0.00 N | 18.17 -0.89 0.00 N | 39.49 -1.94 0.00 N | 45.22 -1.79 0.00 N | 40.45 -1.47 0.00 N | |
| LOWER___HUDSON 24059 | 70.28 0.98 -43.36 N | 66.46 0.75 -44.10 N | 56.75 0.01 -56.47 N | 30.70 1.08 -0.89 N | 50.42 0.87 -28.05 N | 71.44 0.66 -53.91 N | 71.84 1.15 -43.45 N | 102.14 0.45 -91.18 N | 82.09 1.37 -50.55 N | 103.50 1.37 -71.37 N | 100.99 1.02 -77.30 N | 151.29 0.68 -135.68 N | 132.92 0.49 -121.00 N | 107.90 0.99 -83.38 N | 112.81 0.65 -96.74 N | 103.03 0.63 -87.32 N | 177.77 0.17 -173.42 N | 121.80 0.26 -114.74 N | 123.34 0.28 -115.95 N | 103.33 0.90 -79.65 N | 105.99 0.78 -86.16 N | 99.51 1.63 -56.46 N | 103.06 1.84 -54.20 N | 100.77 1.59 -57.26 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 24.56 -1.39 0.00 N | 20.56 -1.05 0.00 N | 0.26 -0.01 0.00 N | 27.33 -1.40 0.00 N | 20.32 -1.19 0.00 N | 16.07 -0.80 0.00 N | 25.91 -1.33 0.00 N | 10.03 -0.48 0.00 N | 28.55 -1.63 0.00 N | 29.04 -1.72 0.00 N | 21.45 -1.23 0.00 N | 14.11 -0.82 0.00 N | 10.81 -0.62 0.00 N | 22.24 -1.29 0.00 N | 14.55 -0.87 0.00 N | 14.31 -0.77 0.00 N | 3.94 -0.24 0.00 N | 6.42 -0.37 0.00 N | 6.76 -0.35 0.00 N | 21.65 -1.13 0.00 N | 18.12 -0.94 0.00 N | 39.34 -2.09 0.00 N | 44.78 -2.24 0.00 N | 39.86 -2.07 0.00 N | |
| LYONS_FALL_HYD 23570 | 25.39 -0.56 0.00 N | 21.15 -0.45 0.00 N | 0.26 -0.01 0.00 N | 28.06 -0.67 0.00 N | 20.97 -0.53 0.00 N | 16.54 -0.33 0.00 N | 26.81 -0.42 0.00 N | 10.42 -0.09 0.00 N | 29.91 -0.27 0.00 N | 30.52 -0.24 0.00 N | 22.53 -0.14 0.00 N | 14.84 -0.09 0.00 N | 11.34 -0.09 0.00 N | 23.35 -0.17 0.00 N | 15.29 -0.13 0.00 N | 14.96 -0.12 0.00 N | 4.13 -0.05 0.00 N | 6.72 -0.07 0.00 N | 7.05 -0.06 0.00 N | 22.58 -0.20 0.00 N | 18.89 -0.17 0.00 N | 40.96 -0.46 0.00 N | 46.40 -0.62 0.00 N | 41.18 -0.75 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 23.04 -0.65 2.26 N | 18.78 -0.52 2.30 N | -2.68 0.00 2.95 N | 28.20 -0.48 0.05 N | 19.87 -0.17 1.46 N | 13.91 -0.14 2.81 N | 24.72 -0.25 2.27 N | 5.65 -0.10 4.76 N | 27.26 -0.28 2.64 N | 26.70 -0.33 3.72 N | 18.37 -0.27 4.03 N | 7.56 -0.30 7.08 N | 4.90 -0.22 6.31 N | 18.73 -0.45 4.35 N | 10.06 -0.32 5.04 N | 10.14 -0.38 4.56 N | -4.96 -0.11 9.02 N | 1.03 -0.18 5.59 N | 1.30 -0.17 5.64 N | 18.51 -0.40 3.87 N | 14.60 -0.28 4.17 N | 38.18 -0.50 2.74 N | 43.79 -0.59 2.63 N | 38.65 -0.50 2.78 N | |
| MG INDUSTRY___DRP | 69.50 | 65.72 | 56.08 | 30.33 | 49.82 | 70.59 | 70.93 | 100.93 | 81.13 | 102.30 | 99.81 | 149.51 | 131.36 | 106.70 | 111.53 | 101.87 | 175.69 | 120.37 | 121.89 | 102.18 | 104.82 | 98.51 | 101.98 | 99.57 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 24185 | 0.71 -42.84 N | 0.53 -43.58 N | 0.01 -55.81 N | 0.72 -0.88 N | 0.59 -27.72 N | 0.45 -53.28 N | 0.75 -42.94 N | 0.31 -90.12 N | 1.00 -49.95 N | 1.02 -70.53 N | 0.75 -76.39 N | 0.51 -134.08 N | 0.36 -119.56 N | 0.77 -82.40 N | 0.51 -95.60 N | 0.50 -86.29 N | 0.14 -171.37 N | 0.21 -113.37 N | 0.22 -114.56 N | 0.70 -78.70 N | 0.60 -85.15 N | 1.29 -55.78 N | 1.41 -53.55 N | 1.09 -56.56 N |
| MID___OSWEGATCHIE_HYD 23849 | 24.56 -1.39 0.00 N | 20.56 -1.05 0.00 N | 0.26 -0.01 0.00 N | 27.33 -1.40 0.00 N | 20.32 -1.19 0.00 N | 16.07 -0.80 0.00 N | 25.91 -1.33 0.00 N | 10.03 -0.48 0.00 N | 28.55 -1.63 0.00 N | 29.04 -1.72 0.00 N | 21.45 -1.23 0.00 N | 14.11 -0.82 0.00 N | 10.81 -0.62 0.00 N | 22.24 -1.29 0.00 N | 14.55 -0.87 0.00 N | 14.31 -0.77 0.00 N | 3.94 -0.24 0.00 N | 6.42 -0.37 0.00 N | 6.76 -0.35 0.00 N | 21.65 -1.13 0.00 N | 18.12 -0.94 0.00 N | 39.34 -2.09 0.00 N | 44.78 -2.24 0.00 N | 39.86 -2.07 0.00 N |
| MID___RAQUETTE_HYD 23851 | 24.92 -1.03 0.00 N | 20.90 -0.70 0.00 N | 0.26 0.00 0.00 N | 27.85 -0.88 0.00 N | 20.66 -0.85 0.00 N | 16.32 -0.55 0.00 N | 26.15 -1.09 0.00 N | 10.08 -0.43 0.00 N | 28.52 -1.66 0.00 N | 28.99 -1.77 0.00 N | 21.39 -1.29 0.00 N | 14.07 -0.86 0.00 N | 10.81 -0.62 0.00 N | 22.22 -1.30 0.00 N | 14.55 -0.87 0.00 N | 14.37 -0.71 0.00 N | 3.94 -0.24 0.00 N | 6.44 -0.36 0.00 N | 6.77 -0.34 0.00 N | 21.71 -1.08 0.00 N | 18.17 -0.89 0.00 N | 39.49 -1.94 0.00 N | 45.22 -1.79 0.00 N | 40.45 -1.47 0.00 N |
| MILLIKEN___1 23584 | 30.91 -1.09 -6.05 N | 26.87 -0.89 -6.16 N | 8.14 -0.02 -7.89 N | 27.34 -1.52 -0.12 N | 24.12 -1.31 -3.92 N | 23.80 -0.60 -7.53 N | 32.00 -1.30 -6.07 N | 22.99 -0.25 -12.74 N | 36.06 -1.18 -7.06 N | 39.38 -1.35 -9.97 N | 32.48 -0.99 -10.79 N | 33.28 -0.60 -18.95 N | 27.79 -0.53 -16.90 N | 34.10 -1.07 -11.64 N | 28.21 -0.70 -13.49 N | 26.58 -0.69 -12.19 N | 28.20 -0.20 -24.23 N | 22.75 -0.19 -16.15 N | 23.22 -0.21 -16.32 N | 32.96 -1.03 -11.21 N | 30.25 -0.89 -12.09 N | 47.33 -2.02 -7.92 N | 52.03 -2.59 -7.61 N | 48.24 -1.72 -8.03 N |
| MILLIKEN___2 23585 | 30.91 -1.09 -6.05 N | 26.87 -0.89 -6.16 N | 8.14 -0.02 -7.89 N | 27.34 -1.52 -0.12 N | 24.12 -1.31 -3.92 N | 23.80 -0.60 -7.53 N | 32.00 -1.30 -6.07 N | 22.99 -0.25 -12.74 N | 36.06 -1.18 -7.06 N | 39.38 -1.35 -9.97 N | 32.48 -0.99 -10.79 N | 33.28 -0.60 -18.95 N | 27.79 -0.53 -16.90 N | 34.10 -1.07 -11.64 N | 28.21 -0.70 -13.49 N | 26.58 -0.69 -12.19 N | 28.20 -0.20 -24.23 N | 22.75 -0.19 -16.15 N | 23.22 -0.21 -16.32 N | 32.96 -1.03 -11.21 N | 30.25 -0.89 -12.09 N | 47.33 -2.02 -7.92 N | 52.03 -2.59 -7.61 N | 48.24 -1.72 -8.03 N |
| MILLIKEN___DIESEL 23629 | 30.91 -1.09 -6.05 N | 26.87 -0.89 -6.16 N | 8.14 -0.02 -7.89 N | 27.34 -1.52 -0.12 N | 24.12 -1.31 -3.92 N | 23.80 -0.60 -7.53 N | 32.00 -1.30 -6.07 N | 22.99 -0.25 -12.74 N | 36.06 -1.18 -7.06 N | 39.38 -1.35 -9.97 N | 32.48 -0.99 -10.79 N | 33.28 -0.60 -18.95 N | 27.79 -0.53 -16.90 N | 34.10 -1.07 -11.64 N | 28.21 -0.70 -13.49 N | 26.58 -0.69 -12.19 N | 28.20 -0.20 -24.23 N | 22.75 -0.19 -16.15 N | 23.22 -0.21 -16.32 N | 32.96 -1.03 -11.21 N | 30.25 -0.89 -12.09 N | 47.33 -2.02 -7.92 N | 52.03 -2.59 -7.61 N | 48.24 -1.72 -8.03 N |
| MODEL_CITY_ENERGY 24167 | 29.85 -1.41 -5.31 N | 25.45 -1.55 -5.40 N | 7.14 -0.04 -6.91 N | 26.64 -2.20 -0.11 N | 23.41 -1.53 -3.43 N | 21.94 -1.52 -6.60 N | 30.30 -2.25 -5.32 N | 20.93 -0.73 -11.16 N | 34.00 -2.37 -6.18 N | 36.97 -2.53 -8.73 N | 30.35 -1.78 -9.46 N | 30.33 -1.20 -16.60 N | 25.36 -0.87 -14.81 N | 31.98 -1.74 -10.20 N | 26.19 -1.06 -11.83 N | 24.78 -0.98 -10.68 N | 25.14 -0.27 -21.23 N | 20.46 -0.42 -14.09 N | 20.87 -0.48 -14.24 N | 30.79 -1.77 -9.78 N | 28.11 -1.50 -10.55 N | 45.04 -3.30 -6.92 N | 50.04 -3.62 -6.64 N | 45.49 -3.45 -7.02 N |
| MODERN_LFGE___ 323580 | 29.85 -1.41 -5.31 N | 25.45 -1.55 -5.40 N | 7.14 -0.04 -6.91 N | 26.64 -2.20 -0.11 N | 23.41 -1.53 -3.43 N | 21.94 -1.52 -6.60 N | 30.30 -2.25 -5.32 N | 20.93 -0.73 -11.16 N | 34.00 -2.37 -6.18 N | 36.97 -2.53 -8.73 N | 30.35 -1.78 -9.46 N | 30.33 -1.20 -16.60 N | 25.36 -0.87 -14.81 N | 31.98 -1.74 -10.20 N | 26.19 -1.06 -11.83 N | 24.78 -0.98 -10.68 N | 25.14 -0.27 -21.23 N | 20.46 -0.42 -14.09 N | 20.87 -0.48 -14.24 N | 30.79 -1.77 -9.78 N | 28.11 -1.50 -10.55 N | 45.04 -3.30 -6.92 N | 50.04 -3.62 -6.64 N | 45.49 -3.45 -7.02 N |
| MOHAWK_PAPER___DRP 24187 | 70.73 0.99 -43.80 N | 66.90 0.74 -44.55 N | 57.33 0.01 -57.05 N | 30.69 1.06 -0.90 N | 50.71 0.87 -28.33 N | 72.00 0.67 -54.46 N | 72.27 1.14 -43.90 N | 103.07 0.45 -92.12 N | 82.63 1.39 -51.06 N | 104.28 1.42 -72.10 N | 101.81 1.05 -78.09 N | 152.69 0.70 -137.06 N | 134.15 0.50 -122.23 N | 108.79 1.03 -84.23 N | 113.82 0.68 -97.72 N | 103.95 0.66 -88.21 N | 179.55 0.19 -175.18 N | 122.99 0.28 -115.91 N | 124.54 0.30 -117.13 N | 104.22 0.97 -80.47 N | 106.94 0.84 -87.04 N | 100.21 1.75 -57.03 N | 103.70 1.93 -54.75 N | 101.30 1.55 -57.82 N |
| MONGAUP___HYD 23641 | 59.06 1.80 -31.31 N | 54.85 1.40 -31.85 N | 41.07 0.02 -40.78 N | 31.14 1.76 -0.64 N | 43.11 1.35 -20.26 N | 56.91 1.11 -38.93 N | 60.79 2.17 -31.38 N | 77.27 0.91 -65.85 N | 69.38 2.70 -36.50 N | 85.09 2.79 -51.54 N | 80.59 2.10 -55.82 N | 114.34 1.45 -97.96 N | 99.87 1.09 -87.36 N | 85.98 2.24 -60.21 N | 86.74 1.46 -69.86 N | 79.53 1.40 -63.06 N | 129.80 0.39 -125.23 N | 90.23 0.61 -82.83 N | 91.50 0.69 -83.70 N | 82.49 2.23 -57.47 N | 82.84 1.73 -62.05 N | 85.81 3.66 -40.72 N | 90.07 3.94 -39.12 N | 86.42 3.16 -41.34 N |
| MONTAUK___DIESEL 23721 | 68.32 3.77 -38.60 N | 59.67 3.10 -34.97 N | 45.08 0.04 -44.77 N | 33.40 3.96 -0.70 N | 46.77 3.03 -22.24 N | 62.07 2.46 -42.74 N | 72.58 4.15 -41.20 N | 87.09 1.51 -75.07 N | 77.01 4.80 -42.03 N | 92.06 4.71 -56.58 N | 87.78 3.82 -61.29 N | 125.79 2.51 -108.35 N | 109.15 1.80 -95.93 N | 93.33 3.70 -66.11 N | 94.55 2.44 -76.70 N | 86.68 2.37 -69.23 N | 142.41 0.74 -137.49 N | 98.73 1.01 -90.93 N | 100.04 1.04 -91.89 N | 89.36 3.49 -63.10 N | 89.90 2.72 -68.12 N | 92.06 5.92 -44.71 N | 96.11 6.14 -42.95 N | 92.08 4.77 -45.38 N |
| N SALMON___HYD 24042 | 25.92 -0.03 0.00 N | 21.70 0.09 0.00 N | 0.27 0.01 0.00 N | 28.87 0.14 0.00 N | 21.51 0.01 0.00 N | 17.01 0.15 0.00 N | 27.40 0.16 0.00 N | 10.53 0.02 0.00 N | 29.98 -0.19 0.00 N | 30.47 -0.29 0.00 N | 22.42 -0.26 0.00 N | 14.74 -0.19 0.00 N | 11.30 -0.12 0.00 N | 23.24 -0.29 0.00 N | 15.21 -0.21 0.00 N | 14.92 -0.16 0.00 N | 4.12 -0.06 0.00 N | 6.74 -0.06 0.00 N | 7.06 -0.05 0.00 N | 22.73 -0.05 0.00 N | 19.05 -0.01 0.00 N | 41.46 0.04 0.00 N | 47.10 0.08 0.00 N | 42.16 0.23 0.00 N |
| N.E_GEN_SANDY PD 24062 | 67.05 1.61 -39.50 N | 63.05 1.29 -40.16 N | 51.71 0.01 -51.42 N | 31.22 1.68 -0.81 N | 48.31 1.27 -25.54 N | 66.94 0.98 -49.09 N | 68.57 1.77 -39.57 N | 94.22 0.68 -83.03 N | 103.02 1.98 -70.63 N | 95.00 1.67 -70.55 N | 105.24 2.14 -72.14 N | 139.62 1.06 -123.63 N | 122.48 0.80 -110.25 N | 101.12 1.62 -75.98 N | 109.21 1.21 -90.91 N | 95.66 1.02 -79.56 N | 162.48 0.28 -158.02 N | 111.75 0.41 -104.54 N | 113.21 0.45 -105.64 N | 108.43 1.68 -81.21 N | 98.71 1.26 -78.40 N | 95.47 2.63 -51.42 N | 99.46 3.06 -49.39 N | 97.01 2.74 -52.34 N |
| NARROWS_GT1_1 24228 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| NARROWS_GT1_2 24229 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_3 24230 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_4 24231 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_5 24232 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_6 24233 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_7 24234 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |
| NARROWS_GT1_8 24235 | 62.63 2.32 -34.37 N | 5 | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|---|---|
| | 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 |
| NARROWS_GT2_8 | 62.63 | 58.35 | 45.05 | 31.66 | 45.45 | 60.98 | 64.26 | 83.79 | 73.43 | 90.52 | 86.41 | 124.13 | 108.59 | 92.24 | 93.80 | 85.96 | 142.11 | 98.41 | 99.73 | 88.26 | 89.16 | 90.40 | 94.80 | 91.12 | | |
| 24243 | 2.32 | 1.78 | 0.02 | 2.23 | 1.71 | 1.38 | 2.57 | 1.01 | 3.18 | 3.19 | 2.46 | 1.66 | 1.26 | 2.62 | 1.70 | 1.66 | 0.47 | 0.71 | 0.75 | 2.39 | 1.99 | 4.27 | 4.83 | 3.82 | | |
| | -34.37 | -34.96 | -44.76 | -0.70 | -22.23 | -42.73 | -34.45 | -72.28 | -40.07 | -56.57 | -61.27 | -107.55 | -95.91 | -66.09 | -76.68 | -69.22 | -137.46 | -90.91 | -91.87 | -63.08 | -68.11 | -44.70 | -42.95 | -45.37 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CAPITAL___MECHNVIL | 70.66 | 66.81 | 56.92 | 30.98 | 50.69 | 71.76 | 72.28 | 102.56 | 82.70 | 104.16 | 101.54 | 151.90 | 133.43 | 108.47 | 113.31 | 103.49 | 178.34 | 122.23 | 123.78 | 103.88 | 106.52 | 100.21 | 103.79 | 101.42 | | |
| 23645 | 1.22 | 0.97 | 0.01 | 1.35 | 1.06 | 0.82 | 1.47 | 0.60 | 1.83 | 1.82 | 1.34 | 0.89 | 0.66 | 1.32 | 0.86 | 0.83 | 0.23 | 0.35 | 0.38 | 1.21 | 1.05 | 2.16 | 2.41 | 2.05 | | |
| | -43.48 | -44.23 | -56.64 | -0.89 | -28.13 | -54.07 | -43.58 | -91.45 | -50.70 | -71.58 | -77.53 | -136.08 | -121.35 | -83.63 | -97.03 | -87.58 | -173.93 | -115.08 | -116.29 | -79.99 | -86.41 | -56.62 | -54.37 | -57.44 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CENTRAL_HIGH_ACRES | 28.99 | 24.73 | 5.66 | 27.24 | 23.07 | 21.07 | 30.02 | 18.83 | 33.72 | 36.25 | 29.15 | 27.31 | 22.56 | 30.59 | 24.12 | 22.91 | 20.66 | 17.63 | 18.04 | 29.50 | 26.54 | 45.01 | 50.04 | 45.19 | | |
| 23767 | -1.12 | -1.11 | -0.02 | -1.58 | -1.12 | -0.98 | -1.38 | -0.42 | -1.31 | -1.35 | -0.93 | -0.63 | -0.47 | -0.93 | -0.58 | -0.54 | -0.15 | -0.23 | -0.25 | -0.96 | -0.81 | -1.85 | -2.19 | -2.25 | | |
| | -4.16 | -4.23 | -5.42 | -0.08 | -2.69 | -5.17 | -4.17 | -8.74 | -4.85 | -6.85 | -7.42 | -13.01 | -11.61 | -8.00 | -9.27 | -8.38 | -16.64 | -11.06 | -11.18 | -7.68 | -8.28 | -5.43 | -5.21 | -5.51 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CENTRAL___DRP | 30.30 | 26.00 | 6.35 | 28.21 | 24.14 | 22.39 | 31.63 | 20.38 | 35.58 | 38.38 | 30.95 | 29.59 | 24.44 | 32.44 | 25.82 | 24.49 | 22.90 | 19.28 | 19.72 | 31.35 | 28.27 | 47.18 | 52.33 | 47.25 | | |
| 24199 | -0.33 | -0.37 | -0.01 | -0.62 | -0.39 | -0.30 | -0.30 | 0.03 | -0.05 | -0.09 | -0.07 | 0.01 | -0.05 | -0.08 | -0.03 | -0.02 | -0.01 | 0.02 | 0.01 | -0.08 | -0.12 | -0.36 | -0.55 | -0.87 | | |
| | -4.68 | -4.76 | -6.10 | -0.10 | -3.03 | -5.82 | -4.69 | -9.85 | -5.46 | -7.71 | -8.35 | -14.65 | -13.06 | -9.00 | -10.43 | -9.43 | -18.73 | -12.47 | -12.60 | -8.65 | -9.33 | -6.11 | -5.87 | -6.20 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CENTRAL___INDECK | 32.07 | 27.53 | 8.15 | 28.38 | 25.21 | 24.16 | 33.28 | 23.45 | 37.64 | 41.12 | 33.78 | 34.17 | 28.48 | 35.48 | 29.16 | 27.51 | 28.50 | 23.00 | 23.48 | 34.18 | 31.29 | 49.60 | 54.81 | 49.53 | | |
| 23768 | 0.06 | -0.25 | -0.02 | -0.48 | -0.22 | -0.25 | -0.04 | 0.19 | 0.39 | 0.38 | 0.29 | 0.26 | 0.12 | 0.29 | 0.21 | 0.21 | 0.06 | 0.10 | 0.10 | 0.22 | 0.17 | 0.27 | 0.20 | -0.42 | | |
| | -6.06 | -6.17 | -7.90 | -0.12 | -3.92 | -7.54 | -6.08 | -12.76 | -7.07 | -9.98 | -10.81 | -18.98 | -16.92 | -11.66 | -13.52 | -12.22 | -24.26 | -16.10 | -16.27 | -11.18 | -12.06 | -7.91 | -7.60 | -8.02 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CENTRAL___SENECA | 30.91 | 26.61 | 7.20 | 28.13 | 24.52 | 23.16 | 32.25 | 21.77 | 36.32 | 39.39 | 32.07 | 31.61 | 26.23 | 33.64 | 27.25 | 25.79 | 25.51 | 20.99 | 21.46 | 32.51 | 29.50 | 47.92 | 53.01 | 47.91 | | |
| 23627 | -0.38 | -0.42 | -0.01 | -0.72 | -0.44 | -0.34 | -0.33 | 0.05 | -0.08 | -0.15 | -0.11 | 0.00 | -0.08 | -0.15 | -0.06 | -0.03 | 0.00 | 0.02 | 0.02 | -0.11 | -0.17 | -0.47 | -0.70 | -1.08 | | |
| | -5.33 | -5.43 | -6.95 | -0.11 | -3.45 | -6.63 | -5.35 | -11.22 | -6.22 | -8.78 | -9.51 | -16.69 | -14.88 | -10.26 | -11.89 | -10.74 | -21.34 | -14.18 | -14.33 | -9.84 | -10.62 | -6.96 | -6.68 | -7.06 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG CENTRAL___STATE_STREET | 29.88 | 25.64 | 5.95 | 28.03 | 23.72 | 21.99 | 31.06 | 19.67 | 34.95 | 37.58 | 30.20 | 28.47 | 23.47 | 31.65 | 24.99 | 23.71 | 21.61 | 18.43 | 18.86 | 30.57 | 27.52 | 46.51 | 51.57 | 46.92 | | |
| 24147 | -0.43 | -0.41 | -0.01 | -0.79 | -0.61 | -0.31 | -0.56 | -0.02 | -0.32 | -0.37 | -0.26 | -0.13 | -0.15 | -0.27 | -0.17 | -0.17 | -0.05 | -0.02 | -0.04 | -0.30 | -0.26 | -0.63 | -0.93 | -0.80 | | |
| | -4.37 | -4.44 | -5.69 | -0.09 | -2.83 | -5.43 | -4.38 | -9.19 | -5.09 | -7.19 | -7.79 | -13.67 | -12.19 | -8.40 | -9.74 | -8.80 | -17.48 | -11.66 | -11.78 | -8.09 | -8.72 | -5.71 | -5.49 | -5.80 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG MILLWOOD___DRP | 63.10 | 58.90 | 46.02 | 31.46 | 45.76 | 61.78 | 64.70 | 85.27 | 73.99 | 91.50 | 87.50 | 126.35 | 110.56 | 93.45 | 95.31 | 87.28 | 145.00 | 100.29 | 101.64 | 89.48 | 90.46 | 91.08 | 95.27 | 91.88 | | |
| 24198 | 2.05 | 1.58 | 0.02 | 2.01 | 1.54 | 1.25 | 2.28 | 0.93 | 2.89 | 2.96 | 2.25 | 1.58 | 1.18 | 2.43 | 1.58 | 1.52 | 0.43 | 0.64 | 0.70 | 2.28 | 1.88 | 4.01 | 4.40 | 3.62 | | |
| | -35.10 | -35.71 | -45.73 | -0.72 | -22.71 | -43.65 | -35.19 | -73.84 | -40.92 | -57.78 | -62.58 | -109.84 | -97.95 | -67.50 | -78.31 | -70.69 | -140.39 | -92.85 | -93.83 | -64.42 | -69.52 | -45.65 | -43.86 | -46.34 | | |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | |
| NEG NORTH_FLCN_SEA | 25.06 | 21.04 | 0.26 | 27.94 | 20.82 | 16.44 | 26.45 | 10.12 | 28.90 | 29.44 | 21.69 | 14.27 | 10.96 | 22.54 | 14.77 | 14.45 | 4.00 | 6.55 | 6.84 | 22.01 | 18.42 | 40.08 | 45.47 | 40.75 | | |
| 23793 | -0.89 | -0.56 | 0.00 | -0.79 | -0.69 | -0.43 | -0.79 | -0.39 | -1.28 | -1.32 | -0.99 | -0.66 | -0.46 | -0.99 | -0.65 | -0.63 | -0.17 | -0.24 | -0.27 | -0.77 | -0.64 | -1.35 | -1.55 | -1.18 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | |
| NEG NORTH_KES_CHATEGAY | 25.31 | 21.24 | 0.27 | 28.24 | 21.05 | 16.60 | 26.70 | 10.22 | 29.20 | 29.72 | 21.89 | 14.39 | 11.06 | 22.75 | 14.91 | 14.60 | 4.04 | 6.60 | 6.90 | 22.19 | 18.57 | 40.41 | 45.89 | 41.13 | | |
| 23792 | -0.63 | -0.36 | 0.00 | -0.49 | -0.46 | -0.27 | -0.54 | -0.29 | -0.98 | -1.04 | -0.79 | -0.54 | -0.37 | -0.78 | -0.51 | -0.48 | -0.14 | -0.19 | -0.21 | -0.59 | -0.49 | -1.02 | -1.12 | -0.79 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | |
| NEG NORTH___ALICE_FALLS | 25.25 | 21.20 | 0.27 | 28.15 | 20.97 | 16.57 | 26.66 | 10.21 | 29.16 | 29.69 | 21.87 | 14.39 | 11.05 | 22.72 | 14.89 | 14.57 | 4.03 | 6.60 | 6.90 | 22.18 | 18.56 | 40.38 | 45.81 | 41.04 | | |
| 23915 | -0.70 | -0.41 | 0.00 | -0.58 | -0.54 | -0.30 | -0.58 | -0.30 | -1.02 | -1.07 | -0.81 | -0.54 | -0.38 | -0.80 | -0.53 | -0.51 | -0.14 | -0.19 | -0.21 | -0.60 | -0.50 | -1.04 | -1.21 | -0.88 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | |
| NEG NORTH___LWR_SARANAC | 25.25 | 21.20 | 0.27 | 28.15 | 20.97 | 16.57 | 26.66 | 10.21 | 29.16 | 29.69 | 21.87 | 14.39 | 11.05 | 22.72 | 14.89 | 14.57 | 4.03 | 6.60 | 6.90 | 22.18 | 18.56 | 40.38 | 45.81 | 41.04 | | |
| 23913 | -0.70 | -0.41 | 0.00 | -0.58 | -0.54 | -0.30 | -0.57 | -0.30 | -1.02 | -1.07 | -0.81 | -0.54 | -0.38 | -0.80 | -0.53 | -0.51 | -0.14 | -0.19 | -0.21 | -0.60 | -0.50 | -1.04 | -1.21 | -0.88 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | |
| NEG NORTH___PLATTSBURG | 25.25 | 21.20 | 0.27 | 28.15 | 20.97 | 16.57 | 26.66 | 10.21 | 29.16 | 29.69 | 21.87 | 14.39 | 11.05 | 22.72 | 14.89 | 14.57 | 4.03 | 6.60 | 6.90 | 22.18 | 18.56 | 40.38 | 45.81 | 41.04 | | |
| 23628 | -0.70 | -0.41 | 0.00 | -0.58 | -0.54 | -0.30 | -0.58 | -0.30 | -1.02 | -1.07 | -0.81 | -0.54 | -0.38 | -0.80 | -0.53 | -0.51 | -0.14 | -0.19 | -0.21 | -0.60 | -0.50 | -1.04 | -1.21 | -0.88 | | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | | |
| NEG WEST_LEA_LOCKPORT | 29.85 | 25.45 | 7.06 | 26.70 | 23.42 | 21.92 | 30.33 | 20.85 | 34.05 | 37.00 | 30.34 | 30.21 | 25.24 | 31.96 | 26.12 | 24.72 | 24.93 | 20.33 | 20.75 | 30.76 | 28.06 | 45.12 | 50.13 | 45.51 | | |

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| 23791 | -1.35 -5.25 N | -1.49 -5.34 N | -0.04 N | -2.14 -0.11 N | -1.48 -3.40 N | -1.47 -6.53 N | -2.17 -5.26 N | -0.70 -11.04 N | -2.25 -6.12 N | -2.40 -8.64 N | -1.69 -9.36 N | -1.14 -16.43 N | -0.83 -14.65 N | -1.66 -10.09 N | -1.00 -11.70 N | -0.93 -10.57 N | -0.25 -21.00 N | -0.40 -13.94 N | -0.45 -14.09 N | -1.69 -9.68 N | -1.44 -10.44 N | -3.15 -6.85 N | -3.46 -6.58 N | -3.36 -6.95 N |
| NEG WEST____LANCASTER 23811 | 31.16 -1.09 -6.30 N | 26.78 -1.24 -6.41 N | 8.44 -0.03 -8.21 N | 27.03 -1.84 -0.13 N | 24.42 -1.17 -4.08 N | 23.63 -1.07 -7.84 N | 32.17 -1.38 -6.32 N | 23.45 -0.31 -13.26 N | 36.47 -1.06 -7.35 N | 40.02 -1.12 -10.37 N | 33.06 -0.85 -11.24 N | 34.23 -0.42 -19.72 N | 28.58 -0.43 -17.59 N | 34.81 -0.83 -12.12 N | 28.96 -0.51 -14.05 N | 27.28 -0.49 -12.69 N | 29.25 -0.14 -25.21 N | 23.28 -0.24 -16.72 N | 23.75 -0.26 -16.90 N | 33.47 -0.92 -11.61 N | 30.76 -0.83 -12.53 N | 47.76 -1.88 -8.21 N | 52.83 -2.08 -7.89 N | 47.80 -2.46 -8.33 N |
| NEG_PENN_ALLEGHNY 23528 | 38.20 0.38 -11.87 N | 33.88 0.20 -12.07 N | 15.72 0.00 -15.46 N | 29.15 0.17 -0.24 N | 29.43 0.25 -7.68 N | 31.83 0.20 -14.76 N | 39.69 0.56 -11.89 N | 35.81 0.35 -24.96 N | 44.99 0.97 -13.83 N | 51.28 0.99 -19.54 N | 44.49 0.65 -21.16 N | 52.62 0.56 -37.14 N | 44.86 0.31 -33.12 N | 47.01 0.66 -22.82 N | 42.32 0.43 -26.47 N | 39.38 0.40 -23.90 N | 51.76 0.11 -47.47 N | 38.40 0.16 -31.44 N | 39.06 0.18 -31.76 N | 45.20 0.60 -21.82 N | 43.08 0.46 -23.56 N | 57.83 0.95 -15.45 N | 62.88 1.02 -14.84 N | 58.08 0.48 -15.68 N |
| NEG____GEN_MONROE 24207 | 29.80 -0.65 -4.50 N | 25.36 -0.82 -4.58 N | 6.11 -0.02 -5.86 N | 27.62 -1.21 -0.09 N | 23.62 -0.80 -2.91 N | 21.69 -0.78 -5.60 N | 30.78 -0.97 -4.51 N | 19.74 -0.23 -9.47 N | 34.66 -0.77 -5.25 N | 37.36 -0.81 -7.41 N | 30.19 -0.51 -8.02 N | 28.67 -0.34 -14.09 N | 23.73 -0.25 -12.56 N | 31.69 -0.49 -8.66 N | 25.18 -0.27 -10.03 N | 23.90 -0.24 -9.07 N | 22.12 -0.07 -18.01 N | 18.66 -0.10 -11.97 N | 19.08 -0.12 -12.09 N | 30.53 -0.56 -8.31 N | 27.56 -0.46 -8.96 N | 46.18 -1.12 -5.87 N | 51.29 -1.37 -5.64 N | 46.21 -1.67 -5.96 N |
| NEPA____ENERGY 23901 | 32.00 -1.06 -7.11 N | 27.67 -1.17 -7.23 N | 9.50 -0.03 -9.26 N | 27.11 -1.77 -0.15 N | 25.10 -1.01 -4.60 N | 24.91 -0.81 -8.84 N | 33.53 -0.84 -7.12 N | 25.43 -0.03 -14.95 N | 38.29 -0.18 -8.29 N | 42.32 -0.14 -11.70 N | 35.10 -0.25 -12.68 N | 37.33 0.15 -22.25 N | 31.12 -0.14 -19.84 N | 36.93 -0.26 -13.67 N | 31.10 -0.17 -15.86 N | 29.20 -0.20 -14.32 N | 32.56 -0.06 -28.44 N | 25.51 -0.14 -18.86 N | 26.04 -0.13 -19.06 N | 35.49 -0.38 -13.09 N | 32.72 -0.47 -14.13 N | 49.58 -1.11 -9.26 N | 54.73 -1.19 -8.90 N | 49.37 -1.96 -9.40 N |
| NEVERSINK____HYD 23608 | 56.79 1.08 -29.76 N | 52.71 0.82 -30.28 N | 39.04 0.01 -38.77 N | 30.35 1.01 -0.61 N | 41.54 0.78 -19.26 N | 54.52 0.63 -37.01 N | 58.27 1.20 -29.83 N | 73.63 0.52 -62.60 N | 66.58 1.70 -34.70 N | 81.45 1.70 -48.99 N | 76.70 0.97 -53.06 N | 108.74 0.69 -93.12 N | 94.98 0.51 -83.05 N | 81.82 1.06 -57.23 N | 82.52 0.70 -66.40 N | 75.95 0.93 -59.94 N | 123.48 0.27 -119.03 N | 85.93 0.41 -78.73 N | 87.11 0.44 -79.56 N | 78.80 1.41 -54.61 N | 79.06 1.13 -58.87 N | 82.57 2.45 -38.69 N | 86.85 2.64 -37.19 N | 83.30 2.09 -39.29 N |
| NEWTON____FALLS_HYD 23847 | 24.56 -1.39 0.00 N | 20.56 -1.05 0.00 N | 0.26 -0.01 0.00 N | 27.33 -1.40 0.00 N | 20.32 -1.19 0.00 N | 16.07 -0.80 0.00 N | 25.91 -1.33 0.00 N | 10.03 -0.48 0.00 N | 28.55 -1.63 0.00 N | 29.04 -1.72 0.00 N | 21.45 -1.23 0.00 N | 14.11 -0.82 0.00 N | 10.81 -0.62 0.00 N | 22.24 -1.29 0.00 N | 14.55 -0.87 0.00 N | 14.31 -0.77 0.00 N | 3.94 -0.24 0.00 N | 6.42 -0.37 0.00 N | 6.76 -0.35 0.00 N | 21.65 -1.13 0.00 N | 18.12 -0.94 0.00 N | 39.34 -2.09 0.00 N | 44.78 -2.24 0.00 N | 39.86 -2.07 0.00 N |
| NIAGARA____ 23760 | 29.50 -1.68 -5.23 N | 25.17 -1.76 -5.32 N | 7.04 -0.04 -6.81 N | 26.35 -2.49 -0.11 N | 23.14 -1.75 -3.38 N | 21.67 -1.70 -6.50 N | 29.90 -2.58 -5.24 N | 20.63 -0.87 -11.00 N | 33.52 -2.75 -6.10 N | 36.42 -2.94 -8.61 N | 29.92 -2.08 -9.32 N | 29.88 -1.41 -16.36 N | 25.00 -1.02 -14.59 N | 31.55 -2.04 -10.05 N | 25.83 -1.25 -11.66 N | 24.45 -1.16 -10.53 N | 24.78 -0.31 -20.92 N | 20.18 -0.50 -13.89 N | 20.58 -0.56 -14.03 N | 30.37 -2.05 -9.64 N | 27.72 -1.74 -10.40 N | 44.44 -3.80 -6.82 N | 49.39 -4.17 -6.55 N | 44.95 -3.90 -6.92 N |
| NINE_MILE_1 23575 | 27.52 -0.58 -2.15 N | 23.26 -0.53 -2.18 N | 3.06 -0.01 -2.80 N | 28.04 -0.74 -0.04 N | 22.36 -0.53 -1.39 N | 19.11 -0.43 -2.67 N | 28.76 -0.63 -2.15 N | 14.82 -0.20 -4.51 N | 32.11 -0.57 -2.50 N | 33.69 -0.60 -3.53 N | 26.07 -0.43 -3.83 N | 21.37 -0.28 -6.72 N | 17.19 -0.22 -5.99 N | 27.21 -0.44 -4.13 N | 19.92 -0.29 -4.79 N | 19.12 -0.28 -4.33 N | 12.69 -0.08 -8.59 N | 12.39 -0.12 -5.72 N | 12.76 -0.13 -5.78 N | 26.31 -0.45 -3.97 N | 22.96 -0.38 -4.28 N | 43.37 -0.87 -2.81 N | 48.68 -1.03 -2.70 N | 43.74 -1.03 -2.85 N |
| NINE_MILE_2 23744 | 27.52 -0.58 -2.15 N | 23.26 -0.53 -2.18 N | 3.06 -0.01 -2.80 N | 28.04 -0.74 -0.04 N | 22.36 -0.53 -1.39 N | 19.11 -0.43 -2.67 N | 28.76 -0.63 -2.15 N | 14.82 -0.20 -4.51 N | 32.11 -0.57 -2.50 N | 33.69 -0.60 -3.53 N | 26.07 -0.43 -3.83 N | 21.37 -0.28 -6.72 N | 17.19 -0.22 -5.99 N | 27.21 -0.44 -4.13 N | 19.92 -0.29 -4.79 N | 19.12 -0.28 -4.33 N | 12.69 -0.08 -8.59 N | 12.39 -0.12 -5.72 N | 12.76 -0.13 -5.78 N | 26.31 -0.45 -3.97 N | 22.96 -0.38 -4.28 N | 43.37 -0.87 -2.81 N | 48.68 -1.03 -2.70 N | 43.74 -1.03 -2.85 N |
| NM_CAPITAL____DRP 24208 | 70.21 0.77 -43.49 N | 66.40 0.55 -44.24 N | 56.93 0.01 -56.65 N | 30.46 0.83 -0.89 N | 50.36 0.72 -28.14 N | 71.48 0.53 -54.08 N | 71.71 0.88 -43.59 N | 102.31 0.34 -91.47 N | 81.92 1.04 -50.70 N | 103.40 1.05 -71.59 N | 101.00 0.78 -77.54 N | 151.55 0.52 -136.10 N | 133.16 0.37 -121.37 N | 107.94 0.77 -83.64 N | 112.96 0.51 -97.04 N | 103.16 0.49 -87.59 N | 178.28 0.14 -173.96 N | 122.09 0.21 -115.09 N | 123.63 0.22 -116.30 N | 103.38 0.70 -79.89 N | 106.10 0.61 -86.43 N | 99.36 1.31 -56.63 N | 102.81 1.43 -54.37 N | 100.51 1.17 -57.41 N |
| NM_CENTRAL____DRP 24181 | 28.63 -0.12 -2.80 N | 24.28 -0.17 -2.85 N | 3.91 -0.01 -3.65 N | 28.48 -0.31 -0.06 N | 23.12 -0.20 -1.81 N | 20.20 -0.15 -3.48 N | 29.94 -0.10 -2.80 N | 16.42 0.03 -5.89 N | 33.54 0.09 -3.26 N | 35.47 0.10 -4.61 N | 27.74 0.07 -4.99 N | 23.76 0.08 -8.76 N | 19.27 0.03 -7.81 N | 28.98 0.08 -5.38 N | 21.70 0.06 -6.22 N | 20.76 0.05 -5.64 N | 15.40 0.01 -11.21 N | 14.41 0.03 -7.59 N | 14.81 0.03 -7.67 N | 28.10 0.05 -5.27 N | 24.75 0.03 -5.66 N | 45.12 -0.01 -3.70 N | 50.46 -0.12 -3.55 N | 45.36 -0.32 -3.75 N |
| NM_FRONTIER____DRP 24179 | 29.79 -1.47 -5.31 N | 25.41 -1.60 -5.41 N | 7.15 -0.04 -6.92 N | 26.56 -2.28 -0.11 N | 23.35 -1.59 -3.44 N | 21.89 -1.59 -6.61 N | 30.17 -2.39 -5.33 N | 20.89 -0.79 -11.18 N | 33.84 -2.53 -6.19 N | 36.80 -2.70 -8.75 N | 30.25 -1.90 -9.47 N | 30.26 -1.30 -16.63 N | 25.32 -0.93 -14.83 N | 31.89 -1.86 -10.22 N | 26.14 -1.13 -11.85 N | 24.74 -1.05 -10.70 N | 25.15 -0.28 -21.26 N | 20.46 -0.45 -14.11 N | 20.87 -0.51 -14.26 N | 30.69 -1.89 -9.79 N | 28.03 -1.60 -10.57 N | 44.86 -3.49 -6.93 N | 49.85 -3.83 -6.66 N | 45.36 -3.60 -7.03 N |
| NM_ST_REGIS____HYD 24053 | 25.17 -0.78 0.00 N | 21.10 -0.50 0.00 N | 0.27 0.00 0.00 N | 28.11 -0.63 0.00 N | 20.87 -0.64 0.00 N | 16.50 -0.37 0.00 N | 26.45 -0.78 0.00 N | 10.19 -0.32 0.00 N | 28.88 -1.30 0.00 N | 29.35 -1.41 0.00 N | 21.63 -1.04 0.00 N | 14.23 -0.70 0.00 N | 10.93 -0.49 0.00 N | 22.47 -1.05 0.00 N | 14.71 -0.71 0.00 N | 14.51 -0.57 0.00 N | 3.98 -0.19 0.00 N | 6.51 -0.29 0.00 N | 6.85 -0.27 0.00 N | 21.96 -0.82 0.00 N | 18.38 -0.67 0.00 N | 39.98 -1.45 0.00 N | 45.70 -1.32 0.00 N | 40.89 -1.03 0.00 N |

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| NORTHPORT___1 23551 | 67.10 2.56 -38.60 N | 58.61 2.04 -34.97 N | 45.07 0.03 -44.77 N | 32.02 2.59 -0.70 N | 45.73 1.98 -22.24 N | 61.19 1.58 -42.74 N | 71.18 2.75 -41.20 N | 86.60 1.02 -75.07 N | 75.31 3.11 -42.03 N | 90.26 2.92 -56.58 N | 86.22 2.26 -61.29 N | 124.75 1.47 -108.35 N | 108.38 1.03 -95.93 N | 91.76 2.13 -66.11 N | 93.53 1.41 -76.70 N | 85.68 1.37 -69.23 N | 142.13 0.46 -137.49 N | 98.28 0.56 -90.93 N | 99.59 0.58 -91.89 N | 87.92 2.04 -63.10 N | 88.90 1.71 -68.12 N | 89.96 3.83 -44.71 N | 93.99 4.02 -42.95 N | 90.45 3.14 -45.38 N |
| NORTHPORT___2 23552 | 67.10 2.56 -38.60 N | 58.61 2.04 -34.97 N | 45.07 0.03 -44.77 N | 32.02 2.59 -0.70 N | 45.73 1.98 -22.24 N | 61.19 1.58 -42.74 N | 71.18 2.75 -41.20 N | 86.60 1.02 -75.07 N | 75.31 3.11 -42.03 N | 90.26 2.92 -56.58 N | 86.22 2.26 -61.29 N | 124.75 1.47 -108.35 N | 108.38 1.03 -95.93 N | 91.76 2.13 -66.11 N | 93.53 1.41 -76.70 N | 85.68 1.37 -69.23 N | 142.13 0.46 -137.49 N | 98.28 0.56 -90.93 N | 99.59 0.58 -91.89 N | 87.92 2.04 -63.10 N | 88.90 1.71 -68.12 N | 89.96 3.83 -44.71 N | 93.99 4.02 -42.95 N | 90.45 3.14 -45.38 N |
| NORTHPORT___3 23553 | 67.06 2.51 -38.60 N | 58.56 1.99 -34.97 N | 45.07 0.03 -44.77 N | 31.97 2.53 -0.70 N | 45.67 1.92 -22.24 N | 61.15 1.53 -42.74 N | 71.13 2.70 -41.20 N | 86.59 1.01 -75.07 N | 75.33 3.12 -42.03 N | 90.27 2.93 -56.58 N | 86.26 2.30 -61.29 N | 124.78 1.50 -108.35 N | 108.41 1.06 -95.93 N | 91.84 2.21 -66.11 N | 93.56 1.45 -76.70 N | 85.71 1.40 -69.23 N | 142.13 0.47 -137.49 N | 98.30 0.57 -90.93 N | 99.60 0.60 -91.89 N | 87.98 2.10 -63.10 N | 88.91 1.72 -68.12 N | 89.95 3.82 -44.71 N | 94.03 4.06 -42.95 N | 90.46 3.16 -45.38 N |
| NORTHPORT___4 23650 | 67.06 2.51 -38.60 N | 58.56 1.99 -34.97 N | 45.07 0.03 -44.77 N | 31.97 2.53 -0.70 N | 45.67 1.92 -22.24 N | 61.15 1.53 -42.74 N | 71.13 2.70 -41.20 N | 86.59 1.01 -75.07 N | 75.33 3.12 -42.03 N | 90.27 2.93 -56.58 N | 86.26 2.30 -61.29 N | 124.78 1.50 -108.35 N | 108.41 1.06 -95.93 N | 91.84 2.21 -66.11 N | 93.56 1.45 -76.70 N | 85.71 1.40 -69.23 N | 142.13 0.47 -137.49 N | 98.30 0.57 -90.93 N | 99.60 0.60 -91.89 N | 87.98 2.10 -63.10 N | 88.91 1.72 -68.12 N | 89.95 3.82 -44.71 N | 94.03 4.06 -42.95 N | 90.46 3.16 -45.38 N |
| NORTHPORT___IC 23718 | 67.10 2.56 -38.60 N | 58.61 2.04 -34.97 N | 45.07 0.03 -44.77 N | 32.02 2.59 -0.70 N | 45.73 1.98 -22.24 N | 61.19 1.58 -42.74 N | 71.18 2.75 -41.20 N | 86.60 1.02 -75.07 N | 75.31 3.11 -42.03 N | 90.26 2.92 -56.58 N | 86.22 2.26 -61.29 N | 124.75 1.47 -108.35 N | 108.38 1.03 -95.93 N | 91.76 2.13 -66.11 N | 93.53 1.41 -76.70 N | 85.68 1.37 -69.23 N | 142.13 0.46 -137.49 N | 98.28 0.56 -90.93 N | 99.59 0.58 -91.89 N | 87.92 2.04 -63.10 N | 88.90 1.71 -68.12 N | 89.96 3.83 -44.71 N | 93.99 4.02 -42.95 N | 90.45 3.14 -45.38 N |
| NPX_GEN_CSC 323557 | 67.50 2.95 -38.60 N | 59.00 2.43 -34.97 N | 45.08 0.03 -44.77 N | 32.54 3.11 -0.70 N | 46.12 2.38 -22.24 N | 61.55 1.94 -42.74 N | 71.68 3.24 -41.20 N | 86.71 1.13 -75.07 N | 96.38 3.33 -62.64 N | 86.76 2.42 -61.55 N | 98.62 3.55 -64.12 N | 125.14 1.86 -108.35 N | 108.66 1.31 -95.93 N | 92.33 2.70 -66.11 N | 98.78 2.08 -79.61 N | 86.04 1.73 -69.23 N | 142.23 0.56 -137.49 N | 98.44 0.72 -90.93 N | 99.73 0.73 -91.89 N | 100.48 2.99 -71.95 N | 89.08 1.89 -68.12 N | 90.36 4.22 -44.71 N | 94.35 4.38 -42.95 N | 90.67 3.36 -45.38 N |
| NSINS_S_GLNS_FALLS 23858 | 71.51 1.46 -44.11 N | 67.62 1.15 -44.86 N | 57.73 0.02 -57.45 N | 31.24 1.61 -0.90 N | 51.22 1.18 -28.53 N | 72.67 0.96 -54.84 N | 73.20 1.76 -44.20 N | 104.04 0.78 -92.76 N | 83.90 2.30 -51.43 N | 105.53 2.16 -72.61 N | 102.88 1.56 -78.64 N | 154.00 1.04 -138.04 N | 135.28 0.75 -123.10 N | 109.84 1.49 -84.83 N | 114.82 0.98 -98.42 N | 104.84 0.92 -88.84 N | 180.87 0.25 -176.44 N | 123.94 0.39 -116.75 N | 125.53 0.44 -117.99 N | 105.28 1.45 -81.05 N | 107.99 1.28 -87.65 N | 101.38 2.50 -57.44 N | 105.15 2.98 -55.16 N | 102.81 2.59 -58.30 N |
| NUCOR_STEEL___DRP 24197 | 29.88 -0.43 -4.37 N | 25.64 -0.41 -4.44 N | 5.95 -0.01 -5.69 N | 28.03 -0.79 -0.09 N | 23.72 -0.61 -2.83 N | 21.99 -0.31 -5.43 N | 31.06 -0.56 -4.38 N | 19.67 -0.02 -9.19 N | 34.95 -0.32 -5.09 N | 37.58 -0.37 -7.19 N | 30.20 -0.26 -7.79 N | 28.47 -0.13 -13.67 N | 23.47 -0.15 -12.19 N | 31.65 -0.27 -8.40 N | 24.99 -0.17 -9.74 N | 23.71 -0.17 -8.80 N | 21.61 -0.05 -17.48 N | 18.43 -0.02 -11.66 N | 18.86 -0.04 -11.78 N | 30.57 -0.30 -8.09 N | 27.52 -0.26 -8.72 N | 46.51 -0.63 -5.71 N | 51.57 -0.93 -5.49 N | 46.92 -0.80 -5.80 N |
| NYISO_LBMP_REFERENCE 24008 | 25.95 0.00 0.00 N | 21.60 0.00 0.00 N | 0.27 0.00 0.00 N | 28.73 0.00 0.00 N | 21.51 0.00 0.00 N | 16.87 0.00 0.00 N | 27.24 0.00 0.00 N | 10.51 0.00 0.00 N | 30.18 0.00 0.00 N | 30.76 0.00 0.00 N | 22.67 0.00 0.00 N | 14.93 0.00 0.00 N | 11.42 0.00 0.00 N | 23.52 0.00 0.00 N | 15.42 0.00 0.00 N | 15.08 0.00 0.00 N | 4.18 0.00 0.00 N | 6.80 0.00 0.00 N | 7.11 0.00 0.00 N | 22.78 0.00 0.00 N | 19.06 0.00 0.00 N | 41.43 0.00 0.00 N | 47.02 0.00 0.00 N | 41.93 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 67.48 2.94 -38.60 N | 58.93 2.36 -34.97 N | 45.07 0.03 -44.77 N | 32.43 3.00 -0.70 N | 46.03 2.29 -22.24 N | 61.45 1.84 -42.74 N | 71.62 3.19 -41.20 N | 86.77 1.20 -75.07 N | 75.88 3.68 -42.03 N | 90.71 3.36 -56.58 N | 86.76 2.80 -61.29 N | 125.11 1.83 -108.35 N | 108.62 1.27 -95.93 N | 92.18 2.54 -66.11 N | 93.79 1.68 -76.70 N | 85.94 1.63 -69.23 N | 142.20 0.54 -137.49 N | 98.40 0.67 -90.93 N | 99.70 0.70 -91.89 N | 88.29 2.41 -63.10 N | 89.16 1.97 -68.12 N | 90.62 4.48 -44.71 N | 94.80 4.83 -42.95 N | 91.09 3.77 -45.38 N |
| NYPA_GOWANUS____GT5 24156 | 62.62 2.30 -34.37 N | 58.34 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.65 2.21 -0.70 N | 45.44 1.70 -22.23 N | 60.97 1.37 -42.73 N | 64.24 2.56 -34.45 N | 83.78 1.00 -72.28 N | 73.42 3.18 -40.07 N | 90.51 3.18 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.64 -107.55 N | 108.58 1.25 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.94 1.65 -69.22 N | 142.10 0.46 -137.46 N | 98.41 0.70 -90.91 N | 99.73 0.75 -91.87 N | 88.24 2.38 -63.08 N | 89.15 1.99 -68.11 N | 90.38 4.25 -44.70 N | 94.77 4.81 -42.95 N | 91.10 3.80 -45.37 N |
| NYPA_GOWANUS____GT6 24157 | 62.62 2.30 -34.37 N | 58.34 1.77 -34.96 N | 45.05 0.02 -44.76 N | 31.65 2.21 -0.70 N | 45.44 1.70 -22.23 N | 60.97 1.37 -42.73 N | 64.24 2.56 -34.45 N | 83.78 1.00 -72.28 N | 73.42 3.18 -40.07 N | 90.51 3.18 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.64 -107.55 N | 108.58 1.25 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.94 1.65 -69.22 N | 142.10 0.46 -137.46 N | 98.41 0.70 -90.91 N | 99.73 0.75 -91.87 N | 88.24 2.38 -63.08 N | 89.15 1.99 -68.11 N | 90.38 4.25 -44.70 N | 94.77 4.81 -42.95 N | 91.10 3.80 -45.37 N |
| NYPA_HARLEM__RVR__GT1 24160 | 62.58 2.26 -34.37 N | 58.31 1.75 -34.96 N | 45.05 0.02 -44.76 N | 31.64 2.20 -0.70 N | 45.44 1.70 -22.23 N | 60.93 1.32 -42.73 N | 64.18 2.49 -34.45 N | 83.73 0.94 -72.28 N | 73.30 3.05 -40.07 N | 90.46 3.12 -56.57 N | 86.32 2.38 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.20 2.58 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.70 0.71 -91.87 N | 88.19 2.33 -63.08 N | 89.12 1.96 -68.11 N | 90.36 4.23 -44.70 N | 94.69 4.73 -42.95 N | 91.25 3.95 -45.37 N |
| NYPA_HARLEM__RVR__GT2 24161 | 62.58 2.26 -34.37 N | 58.31 1.75 -34.96 N | 45.05 0.02 -44.76 N | 31.64 2.20 -0.70 N | 45.44 1.70 -22.23 N | 60.93 1.32 -42.73 N | 64.18 2.49 -34.45 N | 83.73 0.94 -72.28 N | 73.30 3.05 -40.07 N | 90.46 3.12 -56.57 N | 86.32 2.38 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.20 2.58 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.70 0.71 -91.87 N | 88.19 2.33 -63.08 N | 89.12 1.96 -68.11 N | 90.36 4.23 -44.70 N | 94.69 4.73 -42.95 N | 91.25 3.95 -45.37 N |

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| | 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 |
| NYPA_KENT____GT 24152 | 62.60 2.28 -34.37 N | 58.32 1.76 -34.96 N | 45.05 0.02 -44.76 N | 31.63 2.20 -0.70 N | 45.43 1.69 -22.23 N | 60.96 1.36 -42.73 N | 64.21 2.53 -34.45 N | 83.77 0.99 -72.28 N | 73.40 3.15 -40.07 N | 90.52 3.19 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.64 -107.55 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.80 1.70 -76.68 N | 85.95 1.66 -69.22 N | 142.10 0.47 -137.46 N | 98.40 0.70 -90.91 N | 99.72 0.74 -91.87 N | 88.23 2.37 -63.08 N | 89.13 1.97 -68.11 N | 90.36 4.23 -44.70 N | 94.71 4.75 -42.95 N | 91.12 3.82 -45.37 N | |
| NYPA_POUCH1____GT 24155 | 62.59 2.27 -34.37 N | 58.31 1.74 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.17 -0.70 N | 45.41 1.67 -22.23 N | 60.95 1.34 -42.73 N | 64.21 2.53 -34.45 N | 83.77 0.99 -72.28 N | 73.37 3.12 -40.07 N | 90.43 3.10 -56.57 N | 86.34 2.40 -61.27 N | 124.09 1.61 -107.55 N | 108.55 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.75 1.65 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.45 -137.46 N | 98.39 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.15 2.29 -63.08 N | 89.08 1.92 -68.11 N | 90.27 4.14 -44.70 N | 94.69 4.72 -42.95 N | 91.00 3.70 -45.37 N | |
| NYPA_VERNON____GT2 24162 | 62.56 2.25 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.18 -0.70 N | 45.41 1.68 -22.23 N | 60.95 1.34 -42.73 N | 64.18 2.49 -34.45 N | 83.76 0.97 -72.28 N | 73.35 3.11 -40.07 N | 90.51 3.18 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.65 -107.55 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.80 1.70 -76.68 N | 85.94 1.65 -69.22 N | 142.10 0.46 -137.46 N | 98.40 0.69 -90.91 N | 99.72 0.73 -91.87 N | 88.23 2.37 -63.08 N | 89.12 1.95 -68.11 N | 90.30 4.17 -44.70 N | 94.62 4.66 -42.95 N | 91.12 3.82 -45.37 N | |
| NYPA_VERNON____GT3 24163 | 62.56 2.25 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.18 -0.70 N | 45.41 1.68 -22.23 N | 60.95 1.34 -42.73 N | 64.18 2.49 -34.45 N | 83.76 0.97 -72.28 N | 73.35 3.11 -40.07 N | 90.51 3.18 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.65 -107.55 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.80 1.70 -76.68 N | 85.94 1.65 -69.22 N | 142.10 0.46 -137.46 N | 98.40 0.69 -90.91 N | 99.72 0.73 -91.87 N | 88.23 2.37 -63.08 N | 89.12 1.95 -68.11 N | 90.30 4.17 -44.70 N | 94.62 4.66 -42.95 N | 91.12 3.82 -45.37 N | |
| NYPA____ASTORIA_CC1 323568 | 62.55 2.23 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.17 -0.70 N | 45.41 1.67 -22.23 N | 60.93 1.33 -42.73 N | 64.15 2.47 -34.45 N | 83.75 0.96 -72.28 N | 73.34 3.09 -40.07 N | 90.49 3.16 -56.57 N | 86.37 2.43 -61.27 N | 124.11 1.63 -107.55 N | 108.57 1.24 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.93 1.64 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.26 4.13 -44.70 N | 94.60 4.63 -42.95 N | 91.08 3.79 -45.37 N | |
| NYPA____ASTORIA_CC2 323569 | 62.55 2.23 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.17 -0.70 N | 45.41 1.67 -22.23 N | 60.93 1.33 -42.73 N | 64.15 2.47 -34.45 N | 83.75 0.96 -72.28 N | 73.34 3.09 -40.07 N | 90.49 3.16 -56.57 N | 86.37 2.43 -61.27 N | 124.11 1.63 -107.55 N | 108.57 1.24 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.69 -76.68 N | 85.93 1.64 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.26 4.13 -44.70 N | 94.60 4.63 -42.95 N | 91.08 3.79 -45.37 N | |
| NYPA____HOLTSVILL 23794 | 67.55 3.00 -38.60 N | 59.00 2.43 -34.97 N | 45.07 0.03 -44.77 N | 32.55 3.11 -0.70 N | 46.13 2.38 -22.24 N | 61.54 1.92 -42.74 N | 71.72 3.28 -41.20 N | 86.76 1.18 -75.07 N | 75.93 3.73 -42.03 N | 90.90 3.55 -56.58 N | 86.90 2.93 -61.29 N | 125.19 1.92 -108.35 N | 108.70 1.35 -95.93 N | 92.42 2.78 -66.11 N | 93.95 1.84 -76.70 N | 86.09 1.78 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.75 0.75 -91.89 N | 88.43 2.55 -63.10 N | 89.13 1.94 -68.12 N | 90.48 4.34 -44.71 N | 94.51 4.53 -42.95 N | 90.82 3.51 -45.38 N | |
| NYPA____HELLGATE_GT1 24158 | 62.58 2.26 -34.37 N | 58.31 1.75 -34.96 N | 45.05 0.02 -44.76 N | 31.64 2.20 -0.70 N | 45.44 1.70 -22.23 N | 60.93 1.32 -42.73 N | 64.18 2.50 -34.45 N | 83.74 0.95 -72.28 N | 73.30 3.05 -40.07 N | 90.48 3.15 -56.57 N | 86.32 2.38 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.70 0.71 -91.87 N | 88.19 2.33 -63.08 N | 89.12 1.96 -68.11 N | 90.36 4.23 -44.70 N | 94.69 4.73 -42.95 N | 91.25 3.95 -45.37 N | |
| NYPA____HELLGATE_GT2 24159 | 62.58 2.26 -34.37 N | 58.31 1.75 -34.96 N | 45.05 0.02 -44.76 N | 31.64 2.20 -0.70 N | 45.44 1.70 -22.23 N | 60.93 1.32 -42.73 N | 64.18 2.50 -34.45 N | 83.74 0.95 -72.28 N | 73.30 3.05 -40.07 N | 90.48 3.15 -56.57 N | 86.32 2.38 -61.27 N | 124.05 1.57 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.78 1.69 -76.68 N | 85.92 1.63 -69.22 N | 142.09 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.70 0.71 -91.87 N | 88.19 2.33 -63.08 N | 89.12 1.96 -68.11 N | 90.36 4.23 -44.70 N | 94.69 4.73 -42.95 N | 91.25 3.95 -45.37 N | |
| NYS_BARGE____HYD 23848 | 29.86 -1.29 -5.21 N | 25.45 -1.45 -5.30 N | 7.01 -0.04 -6.78 N | 26.76 -2.08 -0.11 N | 23.44 -1.44 -3.37 N | 21.90 -1.44 -6.48 N | 30.35 -2.11 -5.22 N | 20.79 -0.67 -10.95 N | 34.08 -2.17 -6.07 N | 37.01 -2.32 -8.57 N | 30.33 -1.63 -9.29 N | 30.12 -1.10 -16.29 N | 25.15 -0.80 -14.53 N | 31.94 -1.60 -10.01 N | 26.06 -0.97 -11.61 N | 24.67 -0.89 -10.49 N | 24.77 -0.24 -20.83 N | 20.24 -0.39 -13.83 N | 20.65 -0.44 -13.98 N | 30.75 -1.64 -9.60 N | 28.04 -1.39 -10.36 N | 45.17 -3.05 -6.79 N | 50.19 -3.35 -6.52 N | 45.55 -3.26 -6.89 N | |
| O.H._GEN_BRUCE 24063 | 29.41 -1.68 -5.14 N | 25.07 -1.76 -5.23 N | 6.92 -0.04 -6.70 N | 26.35 -2.49 -0.11 N | 23.08 -1.75 -3.33 N | 21.56 -1.70 -6.39 N | 29.81 -2.58 -5.15 N | 20.45 -0.87 -10.81 N | 45.00 -2.32 -16.91 N | 30.75 -2.08 -10.05 N | 46.17 -3.18 -18.39 N | 29.62 -1.40 -16.09 N | 24.76 -1.01 -14.35 N | 31.40 -2.01 -9.88 N | 30.81 -1.50 -15.22 N | 24.29 -1.15 -10.35 N | 24.43 -0.31 -20.57 N | 19.95 -0.50 -13.65 N | 20.36 -0.55 -13.80 N | 42.29 -2.65 -19.40 N | 27.56 -1.73 -10.23 N | 44.36 -3.77 -6.71 N | 54.84 -1.95 -33.76 N | 44.84 -3.89 -6.80 N | |
| OAK_ORCHARD____HYD 24046 | 29.43 -0.87 -4.34 N | 25.08 -0.95 -4.42 N | 5.90 -0.02 -5.66 N | 27.46 -1.36 -0.09 N | 23.38 -0.94 -2.81 N | 21.42 -0.85 -5.40 N | 30.46 -1.13 -4.35 N | 19.34 -0.30 -9.14 N | 34.28 -0.96 -5.06 N | 36.90 -1.01 -7.15 N | 29.76 -0.67 -7.75 N | 28.07 -0.45 -13.59 N | 23.22 -0.33 -12.12 N | 31.24 -0.64 -8.35 N | 24.72 -0.38 -9.68 N | 23.48 -0.35 -8.75 N | 21.46 -0.10 -17.38 N | 18.20 -0.14 -11.55 N | 18.61 -0.17 -11.67 N | 30.11 -0.69 -8.02 N | 27.12 -0.58 -8.65 N | 45.70 -1.39 -5.67 N | 50.78 -1.68 -5.44 N | 45.78 -1.90 -5.75 N | |
| OCC_CHEM____DRP 24175 | 29.82 -1.45 -5.32 N | 25.43 -1.59 -5.42 N | 7.16 -0.04 -6.93 N | 26.58 -2.26 -0.11 N | 23.37 -1.58 -3.44 N | 21.92 -1.58 -6.62 N | 30.20 -2.37 -5.34 N | 20.92 -0.78 -11.20 N | 33.88 -2.51 -6.21 N | 36.84 -2.68 -8.76 N | 30.28 -1.88 -9.49 N | 30.30 -0.93 -16.66 N | 25.36 -1.84 -14.86 N | 31.92 -1.12 -10.24 N | 26.17 -1.12 -11.87 N | 24.76 -1.04 -10.72 N | 25.19 -0.28 -21.30 N | 20.49 -0.44 -14.14 N | 20.89 -0.51 -14.29 N | 30.73 -1.86 -9.81 N | 28.06 -1.58 -10.59 N | 44.90 -3.47 -6.94 N | 49.88 -3.80 -6.67 N | 45.38 -3.58 -7.04 N | |
| OLIN_CORP_DRP | 29.89 | 25.51 | 7.26 | 26.60 | 23.43 | 22.03 | 30.33 | 21.09 | 34.03 | 37.03 | 30.46 | 30.56 | 25.57 | 32.10 | 26.35 | 24.93 | 25.48 | 20.68 | 21.09 | 30.90 | 28.24 | 45.07 | 50.06 | 45.53 | |

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| 24177 | -1.45 -5.39 N | -1.58 -5.49 N | -0.04 -7.03 N | -2.24 -0.11 N | -1.56 -3.49 N | -1.55 -6.71 N | -2.31 -5.41 N | -0.76 -11.35 N | -2.44 -6.29 N | -2.61 -8.88 N | -1.83 -9.61 N | -1.24 -16.88 N | -0.90 -15.05 N | -1.80 -10.37 N | -1.09 -12.03 N | -1.01 -10.86 N | -0.28 -21.58 N | -0.44 -14.32 N | -0.49 -14.48 N | -1.83 -9.94 N | -1.55 -10.73 N | -3.39 -7.03 N | -3.71 -6.75 N | -3.53 -7.13 N |
| ONONDAGA_REF_OCCRA 23987 | 29.18 -0.04 -3.27 N | 24.84 -0.09 -3.33 N | 4.52 -0.01 -4.26 N | 28.59 -0.21 -0.07 N | 23.49 -0.14 -2.12 N | 20.85 -0.08 -4.07 N | 30.50 -0.01 -3.28 N | 17.46 0.08 -6.88 N | 34.21 0.22 -3.82 N | 36.37 0.23 -5.39 N | 28.68 0.17 -5.83 N | 25.31 0.14 -10.24 N | 20.64 0.08 -9.13 N | 30.00 0.18 -6.29 N | 22.82 0.12 -7.28 N | 21.78 0.12 -6.59 N | 17.30 0.02 -13.10 N | 15.66 0.06 -8.81 N | 16.07 0.06 -8.90 N | 29.04 0.15 -6.11 N | 25.74 0.11 -6.58 N | 45.88 0.15 -4.30 N | 51.18 0.03 -4.13 N | 46.12 -0.18 -4.37 N |
| ONONDAGA___COGEN 23986 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N |
| ONTARIO___LFGE 23819 | 30.91 -0.38 -5.33 N | 26.61 -0.42 -5.43 N | 7.20 -0.01 -6.95 N | 28.13 -0.72 -0.11 N | 24.52 -0.44 -3.45 N | 23.16 -0.34 -6.63 N | 32.25 -0.33 -5.35 N | 21.77 0.05 -11.22 N | 36.32 -0.08 -6.22 N | 39.39 -0.15 -8.78 N | 32.07 -0.11 -9.51 N | 31.61 0.00 -16.69 N | 26.23 -0.08 -14.88 N | 33.64 -0.15 -10.26 N | 27.25 -0.06 -11.89 N | 25.79 -0.03 -10.74 N | 25.51 0.00 -21.34 N | 20.99 0.02 -14.18 N | 21.46 0.02 -14.33 N | 32.51 -0.11 -9.84 N | 29.50 -0.17 -10.62 N | 47.92 -0.47 -6.96 N | 53.01 -0.70 -6.68 N | 47.91 -1.08 -7.06 N |
| OSWEGATCHIE___HYD 24044 | 24.56 -1.39 0.00 N | 20.56 -1.05 0.00 N | 0.26 -0.01 0.00 N | 27.33 -1.40 0.00 N | 20.32 -1.19 0.00 N | 16.07 -0.80 0.00 N | 25.91 -1.33 0.00 N | 10.03 -0.48 0.00 N | 28.55 -1.63 0.00 N | 29.04 -1.72 0.00 N | 21.45 -1.23 0.00 N | 14.11 -0.82 0.00 N | 10.81 -0.62 0.00 N | 22.24 -1.29 0.00 N | 14.55 -0.87 0.00 N | 14.31 -0.77 0.00 N | 3.94 -0.24 0.00 N | 6.42 -0.37 0.00 N | 6.76 -0.35 0.00 N | 21.65 -1.13 0.00 N | 18.12 -0.94 0.00 N | 39.34 -2.09 0.00 N | 44.78 -2.24 0.00 N | 39.86 -2.07 0.00 N |
| OSWEGO___5 23606 | 28.05 -0.42 -2.52 N | 23.76 -0.41 -2.56 N | 3.54 -0.01 -3.28 N | 28.20 -0.58 -0.05 N | 22.72 -0.42 -1.63 N | 19.67 -0.33 -3.13 N | 29.31 -0.45 -2.53 N | 15.68 -0.13 -5.30 N | 32.74 -0.37 -2.94 N | 34.52 -0.38 -4.15 N | 26.89 -0.28 -4.49 N | 22.64 -0.17 -7.88 N | 18.31 -0.14 -7.03 N | 28.09 -0.28 -4.85 N | 20.85 -0.18 -5.62 N | 19.98 -0.18 -5.08 N | 14.21 -0.05 -10.08 N | 13.43 -0.08 -6.71 N | 13.81 -0.08 -6.78 N | 27.15 -0.29 -4.66 N | 23.83 -0.26 -5.02 N | 44.12 -0.59 -3.29 N | 49.44 -0.73 -3.16 N | 44.47 -0.80 -3.34 N |
| OSWEGO___6 23613 | 28.05 -0.42 -2.52 N | 23.76 -0.41 -2.56 N | 3.54 -0.01 -3.28 N | 28.20 -0.58 -0.05 N | 22.72 -0.42 -1.63 N | 19.67 -0.33 -3.13 N | 29.31 -0.45 -2.53 N | 15.68 -0.13 -5.30 N | 32.74 -0.37 -2.94 N | 34.52 -0.38 -4.15 N | 26.89 -0.28 -4.49 N | 22.64 -0.17 -7.88 N | 18.31 -0.14 -7.03 N | 28.09 -0.28 -4.85 N | 20.85 -0.18 -5.62 N | 19.98 -0.18 -5.08 N | 14.21 -0.05 -10.08 N | 13.43 -0.08 -6.71 N | 13.81 -0.08 -6.78 N | 27.15 -0.29 -4.66 N | 23.83 -0.26 -5.02 N | 44.12 -0.59 -3.29 N | 49.44 -0.73 -3.16 N | 44.47 -0.80 -3.34 N |
| OUTOKUMPU-AB___DRP 24206 | 30.22 -1.15 -5.43 N | 25.81 -1.32 -5.52 N | 7.30 -0.04 -7.07 N | 26.95 -1.90 -0.11 N | 23.72 -1.30 -3.51 N | 22.25 -1.37 -6.75 N | 30.67 -2.01 -5.44 N | 21.29 -0.63 -11.42 N | 34.46 -2.05 -6.33 N | 37.51 -2.19 -8.94 N | 30.82 -1.53 -9.68 N | 30.89 -1.03 -16.99 N | 25.82 -0.76 -15.15 N | 32.46 -1.50 -10.44 N | 26.62 -0.91 -12.11 N | 25.17 -0.85 -10.93 N | 25.66 -0.23 -21.72 N | 20.84 -0.37 -14.42 N | 21.27 -0.41 -14.57 N | 31.24 -1.55 -10.01 N | 28.55 -1.31 -10.80 N | 45.62 -2.89 -7.08 N | 50.64 -3.18 -6.80 N | 45.99 -3.12 -7.18 N |
| OXBOW____ 24026 | 30.06 -1.26 -5.38 N | 25.65 -1.42 -5.47 N | 7.23 -0.04 -7.01 N | 26.81 -2.04 -0.11 N | 23.58 -1.41 -3.48 N | 22.11 -1.44 -6.69 N | 30.49 -2.14 -5.39 N | 21.13 -0.69 -11.31 N | 34.23 -2.22 -6.27 N | 37.24 -2.38 -8.85 N | 30.60 -1.66 -9.59 N | 30.63 -1.12 -16.83 N | 25.62 -0.82 -15.01 N | 32.25 -1.62 -10.34 N | 26.43 -0.98 -11.99 N | 25.00 -0.91 -10.83 N | 25.44 -0.25 -21.51 N | 20.68 -0.39 -14.28 N | 21.10 -0.44 -14.43 N | 31.03 -1.66 -9.91 N | 28.35 -1.41 -10.70 N | 45.35 -3.09 -7.01 N | 50.36 -3.39 -6.74 N | 45.76 -3.27 -7.11 N |
| PEEKSKILL____ 23653 | 61.97 1.93 -34.09 N | 57.77 1.49 -34.68 N | 44.69 0.02 -44.41 N | 31.30 1.87 -0.70 N | 45.00 1.44 -22.06 N | 60.43 1.17 -42.39 N | 63.55 2.14 -34.17 N | 83.08 0.87 -71.71 N | 72.66 2.73 -39.75 N | 89.68 2.79 -56.13 N | 85.59 2.13 -60.79 N | 123.92 1.51 -107.48 N | 108.29 1.15 -95.71 N | 91.43 2.33 -65.57 N | 93.01 1.52 -76.07 N | 85.20 1.45 -68.67 N | 140.95 0.41 -136.37 N | 97.60 0.61 -90.19 N | 98.92 0.67 -91.14 N | 87.53 2.16 -62.58 N | 88.42 1.79 -67.57 N | 89.59 3.81 -44.35 N | 93.79 4.17 -42.60 N | 90.35 3.41 -45.02 N |
| PGE MADISON___WINDPWR 24146 | 38.34 1.20 -11.18 N | 33.92 0.93 -11.37 N | 14.84 0.01 -14.57 N | 29.99 1.03 -0.23 N | 29.50 0.76 -7.23 N | 31.63 0.85 -13.91 N | 40.05 1.60 -11.21 N | 34.97 0.94 -23.52 N | 45.73 2.52 -13.04 N | 51.57 2.40 -18.41 N | 44.29 1.68 -19.94 N | 51.15 1.22 -34.99 N | 43.43 0.80 -31.21 N | 46.63 1.60 -21.50 N | 41.38 1.02 -24.94 N | 38.57 0.97 -22.52 N | 49.19 0.27 -44.74 N | 36.93 0.47 -29.66 N | 37.61 0.52 -29.97 N | 44.99 1.62 -20.59 N | 42.65 1.36 -22.22 N | 58.79 2.79 -14.57 N | 63.72 2.71 -14.00 N | 58.77 2.06 -14.78 N |
| PIERCEFIELD___HYD 23852 | 24.92 -1.03 0.00 N | 20.90 -0.70 0.00 N | 0.26 0.00 0.00 N | 27.85 -0.88 0.00 N | 20.66 -0.85 0.00 N | 16.32 -0.55 0.00 N | 26.15 -1.09 0.00 N | 10.08 -0.43 0.00 N | 28.52 -1.66 0.00 N | 28.99 -1.77 0.00 N | 21.39 -1.29 0.00 N | 14.07 -0.86 0.00 N | 10.81 -0.62 0.00 N | 22.22 -1.30 0.00 N | 14.55 -0.87 0.00 N | 14.37 -0.71 0.00 N | 3.94 -0.24 0.00 N | 6.44 -0.36 0.00 N | 6.77 -0.34 0.00 N | 21.71 -1.08 0.00 N | 18.17 -0.89 0.00 N | 39.49 -1.94 0.00 N | 45.22 -1.79 0.00 N | 40.45 -1.47 0.00 N |
| PINELAWN_CC_1 323563 | 67.23 2.68 -38.60 N | 58.68 2.11 -34.97 N | 45.07 0.03 -44.77 N | 32.10 2.66 -0.70 N | 45.78 2.03 -22.24 N | 61.26 1.65 -42.74 N | 71.36 2.92 -41.20 N | 86.70 1.12 -75.07 N | 75.70 3.49 -42.03 N | 90.80 3.46 -56.58 N | 86.65 2.69 -61.29 N | 124.98 1.71 -108.35 N | 108.55 1.20 -95.93 N | 92.11 2.48 -66.11 N | 93.78 1.66 -76.70 N | 85.95 1.64 -69.23 N | 142.20 0.53 -137.49 N | 98.40 0.67 -90.93 N | 99.71 0.71 -91.89 N | 88.26 2.38 -63.10 N | 89.17 1.98 -68.12 N | 90.59 4.45 -44.71 N | 94.68 4.71 -42.95 N | 91.01 3.70 -45.38 N |
| PJM_GEN_KEystone 24065 | 33.34 -0.89 -8.28 N | 29.04 -0.99 -8.43 N | 11.03 -0.03 -10.79 N | 27.39 -1.51 -0.17 N | 26.02 -0.85 -5.36 N | 26.52 -0.65 -10.30 N | 70.00 -0.10 -30.89 N | 27.98 0.05 -17.42 N | 61.69 0.78 -30.50 N | 38.36 -0.01 -15.58 N | 53.98 -0.28 -23.30 N | 41.10 0.25 -25.92 N | 34.48 -0.06 -23.11 N | 39.35 -0.10 -15.93 N | 39.12 -0.11 -22.14 N | 31.65 -0.11 -16.68 N | 37.28 -0.03 -33.13 N | 28.66 -0.10 -21.96 N | 29.22 -0.09 -22.19 N | 50.20 -0.39 -25.05 N | 35.19 -0.32 -16.46 N | 51.41 -0.80 -10.79 N | 56.54 -0.84 -10.36 N | 51.27 -1.60 -10.95 N |

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| PLEASANTVLY___LBMP 24000 | 63.24 1.76 -35.53 N | 59.11 1.36 -36.14 N | 46.56 0.02 -46.28 N | 31.19 1.73 -0.73 N | 45.82 1.33 -22.98 N | 62.10 1.06 -44.18 N | 64.76 1.92 -35.61 N | 85.99 0.77 -74.72 N | 74.01 2.41 -41.42 N | 91.70 2.46 -58.48 N | 87.88 1.86 -63.34 N | 127.40 1.29 -111.19 N | 111.55 0.97 -99.15 N | 93.86 2.01 -68.33 N | 96.00 1.31 -79.27 N | 87.89 1.26 -71.55 N | 146.63 0.36 -142.10 N | 101.31 0.53 -93.98 N | 102.66 0.57 -94.97 N | 89.85 1.85 -65.22 N | 91.01 1.54 -70.42 N | 90.93 3.29 -46.21 N | 95.05 3.63 -44.40 N | 91.90 3.06 -46.91 N |
| POLETTI_____ 23519 | 62.45 2.13 -34.37 N | 58.19 1.63 -34.96 N | 45.05 0.02 -44.76 N | 31.49 2.06 -0.70 N | 45.32 1.58 -22.23 N | 60.88 1.28 -42.73 N | 64.05 2.37 -34.44 N | 83.70 0.92 -72.28 N | 73.16 2.91 -40.07 N | 90.29 2.96 -56.57 N | 86.26 2.32 -61.27 N | 124.05 1.57 -107.54 N | 108.51 1.18 -95.91 N | 92.11 2.50 -66.09 N | 93.72 1.63 -76.68 N | 85.85 1.57 -69.21 N | 142.07 0.44 -137.45 N | 98.36 0.66 -90.91 N | 99.68 0.70 -91.86 N | 88.13 2.27 -63.08 N | 89.02 1.85 -68.11 N | 90.05 3.93 -44.70 N | 94.33 4.37 -42.94 N | 90.93 3.63 -45.37 N |
| PORT_JEFF_3 23555 | 67.53 2.98 -38.60 N | 58.98 2.41 -34.97 N | 45.07 0.03 -44.77 N | 32.53 3.10 -0.70 N | 46.11 2.36 -22.24 N | 61.52 1.91 -42.74 N | 71.70 3.26 -41.20 N | 86.75 1.17 -75.07 N | 75.89 3.69 -42.03 N | 90.82 3.47 -56.58 N | 86.83 2.87 -61.29 N | 125.15 1.87 -108.35 N | 108.67 1.32 -95.93 N | 92.35 2.72 -66.11 N | 93.91 1.79 -76.70 N | 86.05 1.74 -69.23 N | 142.23 0.57 -137.49 N | 98.45 0.72 -90.93 N | 99.72 0.72 -91.89 N | 88.33 2.45 -63.10 N | 89.07 1.88 -68.12 N | 90.42 4.28 -44.71 N | 94.43 4.46 -42.95 N | 90.76 3.45 -45.38 N |
| PORT_JEFF_4 23616 | 67.52 2.98 -38.60 N | 58.98 2.41 -34.97 N | 45.07 0.03 -44.77 N | 32.53 3.10 -0.70 N | 46.10 2.36 -22.24 N | 61.52 1.91 -42.74 N | 71.70 3.26 -41.20 N | 86.75 1.17 -75.07 N | 75.89 3.68 -42.03 N | 90.81 3.46 -56.58 N | 86.83 2.87 -61.29 N | 125.15 1.87 -108.35 N | 108.67 1.32 -95.93 N | 92.35 2.71 -66.11 N | 93.90 1.79 -76.70 N | 86.05 1.74 -69.23 N | 142.23 0.57 -137.49 N | 98.45 0.72 -90.93 N | 99.72 0.72 -91.89 N | 88.33 2.45 -63.10 N | 89.06 1.88 -68.12 N | 90.41 4.27 -44.71 N | 94.42 4.45 -42.95 N | 90.76 3.44 -45.38 N |
| PORT_JEFF_IC 23713 | 67.60 3.05 -38.60 N | 59.04 2.47 -34.97 N | 45.07 0.03 -44.77 N | 32.61 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.96 -42.74 N | 71.78 3.34 -41.20 N | 86.78 1.21 -75.07 N | 76.01 3.81 -42.03 N | 90.96 3.61 -56.58 N | 86.94 2.98 -61.29 N | 125.22 1.94 -108.35 N | 108.72 1.37 -95.93 N | 92.46 2.83 -66.11 N | 93.98 1.86 -76.70 N | 86.12 1.82 -69.23 N | 142.25 0.59 -137.49 N | 98.48 0.75 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.10 1.91 -68.12 N | 90.61 4.47 -44.71 N | 94.63 4.66 -42.95 N | 90.92 3.61 -45.38 N |
| PPL PILGRIM_ST_GT1 24216 | 67.48 2.94 -38.60 N | 58.93 2.36 -34.97 N | 45.07 0.03 -44.77 N | 32.43 3.00 -0.70 N | 46.03 2.29 -22.24 N | 61.45 1.84 -42.74 N | 71.62 3.19 -41.20 N | 86.77 1.20 -75.07 N | 75.88 3.68 -42.03 N | 90.71 3.36 -56.58 N | 86.76 2.80 -61.29 N | 125.11 1.83 -108.35 N | 108.62 1.27 -95.93 N | 92.18 2.54 -66.11 N | 93.79 1.68 -76.70 N | 85.94 1.63 -69.23 N | 142.20 0.54 -137.49 N | 98.40 0.67 -90.93 N | 99.70 0.70 -91.89 N | 88.29 2.41 -63.10 N | 89.16 1.97 -68.12 N | 90.62 4.48 -44.71 N | 94.80 4.83 -42.95 N | 91.09 3.77 -45.38 N |
| PPL PILGRIM_ST_GT2 24217 | 67.48 2.94 -38.60 N | 58.93 2.36 -34.97 N | 45.07 0.03 -44.77 N | 32.43 3.00 -0.70 N | 46.03 2.29 -22.24 N | 61.45 1.84 -42.74 N | 71.62 3.19 -41.20 N | 86.77 1.20 -75.07 N | 75.88 3.68 -42.03 N | 90.71 3.36 -56.58 N | 86.76 2.80 -61.29 N | 125.11 1.83 -108.35 N | 108.62 1.27 -95.93 N | 92.18 2.54 -66.11 N | 93.79 1.68 -76.70 N | 85.94 1.63 -69.23 N | 142.20 0.54 -137.49 N | 98.40 0.67 -90.93 N | 99.70 0.70 -91.89 N | 88.29 2.41 -63.10 N | 89.16 1.97 -68.12 N | 90.62 4.48 -44.71 N | 94.80 4.83 -42.95 N | 91.09 3.77 -45.38 N |
| PPL_SHRM_GT3 24213 | 67.59 3.04 -38.60 N | 59.08 2.50 -34.97 N | 45.07 0.03 -44.77 N | 32.63 3.20 -0.70 N | 46.19 2.44 -22.24 N | 61.60 1.99 -42.74 N | 71.78 3.34 -41.20 N | 86.75 1.17 -75.07 N | 75.93 3.72 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.96 -61.29 N | 125.21 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.85 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.46 2.58 -63.10 N | 89.16 1.98 -68.12 N | 90.53 4.39 -44.71 N | 94.51 4.54 -42.95 N | 90.79 3.48 -45.38 N |
| PPL_SHRM_GT4 24214 | 67.59 3.04 -38.60 N | 59.08 2.50 -34.97 N | 45.07 0.03 -44.77 N | 32.63 3.20 -0.70 N | 46.19 2.44 -22.24 N | 61.60 1.99 -42.74 N | 71.78 3.34 -41.20 N | 86.75 1.17 -75.07 N | 75.93 3.72 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.96 -61.29 N | 125.21 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.85 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.46 2.58 -63.10 N | 89.16 1.98 -68.12 N | 90.53 4.39 -44.71 N | 94.51 4.54 -42.95 N | 90.79 3.48 -45.38 N |
| PROJECT___ORANGE 1 24174 | 28.69 -0.12 -2.86 N | 24.34 -0.17 -2.91 N | 3.98 -0.01 -3.73 N | 28.48 -0.31 -0.06 N | 23.16 -0.20 -1.85 N | 20.27 -0.15 -3.56 N | 30.00 -0.10 -2.87 N | 16.56 0.04 -6.02 N | 33.61 0.09 -3.33 N | 35.57 0.10 -4.71 N | 27.84 0.07 -5.10 N | 23.96 0.08 -8.95 N | 19.44 0.03 -7.98 N | 29.10 0.08 -5.49 N | 21.83 0.06 -6.36 N | 20.88 0.05 -5.76 N | 15.64 0.01 -11.45 N | 14.56 0.03 -7.74 N | 14.96 0.03 -7.82 N | 28.20 0.05 -5.37 N | 24.87 0.03 -5.78 N | 45.19 -0.01 -3.78 N | 50.52 -0.12 -3.63 N | 45.42 -0.34 -3.83 N |
| PROJECT___ORANGE 2 24166 | 28.69 -0.12 -2.86 N | 24.34 -0.17 -2.91 N | 3.98 -0.01 -3.73 N | 28.48 -0.31 -0.06 N | 23.16 -0.20 -1.85 N | 20.27 -0.15 -3.56 N | 30.00 -0.10 -2.87 N | 16.56 0.04 -6.02 N | 33.61 0.09 -3.33 N | 35.57 0.10 -4.71 N | 27.84 0.07 -5.10 N | 23.96 0.08 -8.95 N | 19.44 0.03 -7.98 N | 29.10 0.08 -5.49 N | 21.83 0.06 -6.36 N | 20.88 0.05 -5.76 N | 15.64 0.01 -11.45 N | 14.56 0.03 -7.74 N | 14.96 0.03 -7.82 N | 28.20 0.05 -5.37 N | 24.87 0.03 -5.78 N | 45.19 -0.01 -3.78 N | 50.52 -0.12 -3.63 N | 45.42 -0.34 -3.83 N |
| PYRITES___HYD 24023 | 25.23 -0.72 0.00 N | 21.17 -0.43 0.00 N | 0.27 0.00 0.00 N | 28.18 -0.56 0.00 N | 20.91 -0.59 0.00 N | 16.54 -0.33 0.00 N | 26.52 -0.72 0.00 N | 10.22 -0.28 0.00 N | 28.99 -1.19 0.00 N | 29.48 -1.28 0.00 N | 21.76 -0.91 0.00 N | 14.31 -0.62 0.00 N | 10.99 -0.43 0.00 N | 22.60 -0.92 0.00 N | 14.79 -0.62 0.00 N | 14.60 -0.48 0.00 N | 4.01 -0.17 0.00 N | 6.55 -0.25 0.00 N | 6.89 -0.22 0.00 N | 22.07 -0.71 0.00 N | 18.47 -0.59 0.00 N | 40.13 -1.29 0.00 N | 45.87 -1.15 0.00 N | 40.99 -0.94 0.00 N |
| RAMAPO___LBMP 323565 | 61.22 1.94 -33.33 N | 57.01 1.50 -33.91 N | 43.70 0.02 -43.42 N | 31.30 1.89 -0.68 N | 44.53 1.45 -21.57 N | 59.50 1.17 -41.45 N | 62.81 2.16 -33.41 N | 81.52 0.90 -70.11 N | 71.85 2.81 -38.86 N | 88.50 2.87 -54.87 N | 84.28 2.17 -59.43 N | 120.73 1.51 -104.28 N | 105.58 1.16 -93.00 N | 90.01 2.38 -64.11 N | 91.34 1.54 -74.38 N | 83.69 1.47 -67.14 N | 137.92 0.41 -133.33 N | 95.60 0.62 -88.18 N | 96.90 0.68 -89.11 N | 86.19 2.22 -61.19 N | 86.96 1.84 -66.06 N | 88.71 3.93 -43.36 N | 92.94 4.27 -41.66 N | 89.40 3.46 -44.01 N |
| RANKINE_____ 23646 | 30.47 -1.27 -5.79 N | 26.08 -1.42 -5.89 N | 7.78 -0.04 -7.54 N | 26.82 -2.03 -0.12 N | 23.88 -1.38 -3.75 N | 22.72 -1.35 -7.20 N | 31.11 -1.93 -5.81 N | 22.11 -0.58 -12.18 N | 35.06 -1.87 -6.75 N | 38.30 -1.99 -9.54 N | 31.58 -1.42 -10.33 N | 32.15 -0.91 -18.13 N | 26.89 -0.70 -16.16 N | 33.28 -1.39 -11.14 N | 27.50 -0.84 -12.92 N | 25.96 -0.79 -11.67 N | 27.13 -0.21 -23.17 N | 21.83 -0.35 -15.38 N | 22.26 -0.39 -15.54 N | 32.01 -1.44 -10.67 N | 29.33 -1.24 -11.52 N | 46.23 -2.74 -7.55 N | 51.25 -3.02 -7.25 N | 46.53 -3.06 -7.66 N |

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| | 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 |
| RAVENSWOOD_GT2_1 24244 | 62.48 2.16 -34.37 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.53 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.09 2.41 -34.45 N | 83.73 0.94 -72.28 N | 73.25 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.90 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT2_2 24245 | 62.48 2.16 -34.37 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.53 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.09 2.41 -34.45 N | 83.73 0.94 -72.28 N | 73.25 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.90 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT2_3 24246 | 62.50 2.18 -34.37 N | 58.24 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -0.70 N | 45.36 1.62 -22.23 N | 60.92 1.32 -42.73 N | 64.11 2.43 -34.45 N | 83.74 0.95 -72.28 N | 73.28 3.03 -40.07 N | 90.46 3.12 -56.57 N | 86.35 2.40 -61.27 N | 124.11 1.64 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.77 1.68 -76.68 N | 85.91 1.61 -69.22 N | 142.09 0.45 -137.46 N | 98.39 0.68 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.24 4.11 -44.70 N | 94.52 4.56 -42.95 N | 91.07 3.77 -45.37 N | |
| RAVENSWOOD_GT2_4 24247 | 62.50 2.18 -34.37 N | 58.24 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -0.70 N | 45.36 1.62 -22.23 N | 60.92 1.32 -42.73 N | 64.11 2.43 -34.45 N | 83.74 0.95 -72.28 N | 73.28 3.03 -40.07 N | 90.46 3.12 -56.57 N | 86.35 2.40 -61.27 N | 124.11 1.64 -107.55 N | 108.57 1.24 -95.91 N | 92.19 2.57 -66.09 N | 93.77 1.68 -76.68 N | 85.91 1.61 -69.22 N | 142.09 0.45 -137.46 N | 98.39 0.68 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.35 -63.08 N | 89.10 1.93 -68.11 N | 90.24 4.11 -44.70 N | 94.52 4.56 -42.95 N | 91.07 3.77 -45.37 N | |
| RAVENSWOOD_GT3_1 24248 | 62.48 2.16 -34.37 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.41 -34.45 N | 83.66 0.88 -72.28 N | 73.13 2.88 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT3_2 24249 | 62.48 2.16 -34.37 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.41 -34.45 N | 83.66 0.88 -72.28 N | 73.13 2.88 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT3_3 24250 | 62.52 2.21 -34.37 N | 58.26 1.70 -34.96 N | 45.05 0.02 -44.76 N | 31.57 2.13 -0.70 N | 45.38 1.64 -22.23 N | 60.93 1.33 -42.73 N | 64.13 2.45 -34.45 N | 83.75 0.97 -72.28 N | 73.31 3.06 -40.07 N | 90.49 3.16 -56.57 N | 86.38 2.43 -61.27 N | 124.13 1.65 -107.55 N | 108.58 1.25 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.70 -76.68 N | 85.92 1.63 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.23 2.37 -63.08 N | 89.12 1.95 -68.11 N | 90.28 4.15 -44.70 N | 94.57 4.61 -42.95 N | 91.11 3.81 -45.37 N | |
| RAVENSWOOD_GT3_4 24251 | 62.52 2.21 -34.37 N | 58.26 1.70 -34.96 N | 45.05 0.02 -44.76 N | 31.57 2.13 -0.70 N | 45.38 1.64 -22.23 N | 60.93 1.33 -42.73 N | 64.13 2.45 -34.45 N | 83.75 0.97 -72.28 N | 73.31 3.06 -40.07 N | 90.49 3.16 -56.57 N | 86.38 2.43 -61.27 N | 124.13 1.65 -107.55 N | 108.58 1.25 -95.91 N | 92.22 2.60 -66.09 N | 93.79 1.70 -76.68 N | 85.92 1.63 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.23 2.37 -63.08 N | 89.12 1.95 -68.11 N | 90.28 4.15 -44.70 N | 94.57 4.61 -42.95 N | 91.11 3.81 -45.37 N | |
| RAVENSWOOD_GT_1 23729 | 62.56 2.25 -34.37 N | 58.30 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.61 2.18 -0.70 N | 45.41 1.68 -22.23 N | 60.95 1.34 -42.73 N | 64.18 2.49 -34.45 N | 83.76 0.97 -72.28 N | 73.35 3.11 -40.07 N | 90.51 3.18 -56.57 N | 86.39 2.44 -61.27 N | 124.12 1.65 -107.55 N | 108.58 1.25 -95.91 N | 92.23 2.61 -66.09 N | 93.80 1.70 -76.68 N | 85.94 1.65 -69.22 N | 142.10 0.46 -137.46 N | 98.40 0.69 -90.91 N | 99.72 0.73 -91.87 N | 88.23 2.37 -63.08 N | 89.12 1.95 -68.11 N | 90.30 4.17 -44.70 N | 94.62 4.66 -42.95 N | 91.12 3.82 -45.37 N | |
| RAVENSWOOD_GT_10 24258 | 62.48 2.16 -34.37 N | 58.22 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT_11 24259 | 62.48 2.16 -34.37 N | 58.22 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT_4 24252 | 62.47 2.16 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.08 -0.70 N | 45.34 1.60 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 2.99 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.23 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.67 -76.68 N | 85.89 1.60 -69.22 N | 142.08 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.20 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.21 4.08 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT_5 24254 | 62.47 2.16 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.08 -0.70 N | 45.34 1.60 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 2.99 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.23 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.67 -76.68 N | 85.89 1.60 -69.22 N | 142.08 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.20 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.21 4.08 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N | |
| RAVENSWOOD_GT_6 | 62.47 | 58.22 | 45.05 | 31.52 | 45.34 | 60.90 | 64.08 | 83.73 | 73.24 | 90.43 | 86.33 | 124.10 | 108.56 | 92.17 | 93.76 | 85.89 | 142.08 | 98.38 | 99.70 | 88.20 | 89.09 | 90.21 | 94.47 | 91.04 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|
| 24253 | 2.16 -34.37 N | 1.66 -34.96 N | 0.02 -44.76 N | 2.08 -0.70 N | 1.60 -22.23 N | 1.30 -42.73 N | 2.40 -34.45 N | 0.94 -72.28 N | 2.99 -40.07 N | 3.09 -56.57 N | 2.38 -61.27 N | 1.62 -107.55 N | 1.23 -95.91 N | 2.55 -66.09 N | 1.67 -76.68 N | 1.60 -69.22 N | 0.45 -137.46 N | 0.68 -90.91 N | 0.72 -91.87 N | 2.33 -63.08 N | 1.92 -68.11 N | 4.08 -44.70 N | 4.51 -42.95 N | 3.74 -45.37 N |
| RAVENSWOOD_GT_7 24255 | 62.47 2.16 -34.37 N | 58.22 1.66 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.08 -0.70 N | 45.34 1.60 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 2.99 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.23 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.67 -76.68 N | 85.89 1.60 -69.22 N | 142.08 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.20 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.21 4.08 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 62.48 2.16 -34.37 N | 58.22 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N |
| RAVENSWOOD_GT_9 24257 | 62.48 2.16 -34.37 N | 58.22 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.52 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.73 0.94 -72.28 N | 73.24 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.89 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.32 -63.08 N | 89.08 1.91 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N |
| RAVENSWOOD___1 23533 | 62.55 2.24 -34.37 N | 58.29 1.73 -34.96 N | 45.05 0.02 -44.76 N | 31.60 2.17 -0.70 N | 45.40 1.67 -22.23 N | 60.94 1.34 -42.73 N | 64.15 2.47 -34.45 N | 83.75 0.97 -72.28 N | 73.33 3.09 -40.07 N | 90.48 3.15 -56.57 N | 86.37 2.43 -61.27 N | 124.11 1.63 -107.55 N | 108.57 1.24 -95.91 N | 92.21 2.59 -66.09 N | 93.78 1.69 -76.68 N | 85.93 1.64 -69.22 N | 142.10 0.46 -137.46 N | 98.39 0.69 -90.91 N | 99.71 0.73 -91.87 N | 88.21 2.34 -63.08 N | 89.10 1.94 -68.11 N | 90.26 4.13 -44.70 N | 94.60 4.63 -42.95 N | 91.09 3.79 -45.37 N |
| RAVENSWOOD___2 23534 | 62.49 2.18 -34.37 N | 58.25 1.68 -34.96 N | 45.05 0.02 -44.76 N | 31.55 2.11 -0.70 N | 45.36 1.62 -22.23 N | 60.90 1.30 -42.73 N | 64.08 2.40 -34.45 N | 83.71 0.92 -72.28 N | 73.16 2.91 -40.07 N | 90.28 2.94 -56.57 N | 86.22 2.27 -61.27 N | 123.99 1.52 -107.55 N | 108.48 1.15 -95.91 N | 92.03 2.41 -66.09 N | 93.67 1.57 -76.68 N | 85.81 1.52 -69.22 N | 142.07 0.43 -137.46 N | 98.34 0.64 -90.91 N | 99.65 0.67 -91.87 N | 88.05 2.18 -63.08 N | 88.96 1.79 -68.11 N | 89.98 3.85 -44.70 N | 94.37 4.41 -42.95 N | 90.98 3.68 -45.37 N |
| RAVENSWOOD___3 23535 | 62.48 2.16 -34.37 N | 58.23 1.67 -34.96 N | 45.05 0.02 -44.76 N | 31.53 2.09 -0.70 N | 45.35 1.61 -22.23 N | 60.90 1.30 -42.73 N | 64.09 2.41 -34.45 N | 83.73 0.94 -72.28 N | 73.25 3.00 -40.07 N | 90.43 3.09 -56.57 N | 86.33 2.38 -61.27 N | 124.10 1.62 -107.55 N | 108.56 1.22 -95.91 N | 92.17 2.55 -66.09 N | 93.76 1.66 -76.68 N | 85.90 1.60 -69.22 N | 142.09 0.45 -137.46 N | 98.38 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.20 4.07 -44.70 N | 94.47 4.51 -42.95 N | 91.04 3.74 -45.37 N |
| RAVENSWOOD___4 23820 | 62.53 2.22 -34.37 N | 58.27 1.71 -34.96 N | 45.05 0.02 -44.76 N | 31.59 2.16 -0.70 N | 45.40 1.66 -22.23 N | 60.93 1.33 -42.73 N | 64.14 2.46 -34.45 N | 83.75 0.96 -72.28 N | 73.31 3.06 -40.07 N | 90.46 3.13 -56.57 N | 86.35 2.41 -61.27 N | 124.09 1.62 -107.55 N | 108.56 1.23 -95.91 N | 92.19 2.57 -66.09 N | 93.77 1.68 -76.68 N | 85.91 1.62 -69.22 N | 142.09 0.45 -137.46 N | 98.39 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.23 4.10 -44.70 N | 94.55 4.59 -42.95 N | 91.06 3.76 -45.37 N |
| RCPL_TRUST___DRP 24196 | 62.48 2.17 -34.36 N | 58.23 1.67 -34.95 N | 45.05 0.02 -44.76 N | 31.54 2.10 -0.70 N | 45.36 1.62 -22.23 N | 60.91 1.31 -42.73 N | 64.09 2.41 -34.44 N | 83.74 0.96 -72.28 N | 73.27 3.02 -40.06 N | 90.44 3.11 -56.57 N | 86.33 2.39 -61.27 N | 124.10 1.64 -107.54 N | 108.56 1.23 -95.90 N | 92.18 2.57 -66.08 N | 93.77 1.67 -76.67 N | 85.90 1.61 -69.21 N | 142.08 0.45 -137.45 N | 98.38 0.68 -90.90 N | 99.69 0.72 -91.86 N | 88.21 2.35 -63.08 N | 89.09 1.93 -68.11 N | 90.23 4.10 -44.70 N | 94.48 4.52 -42.94 N | 91.04 3.75 -45.37 N |
| RENSSELAER___COGEN 23796 | 69.74 0.70 -43.10 N | 65.94 0.49 -43.84 N | 56.41 0.01 -56.14 N | 30.37 0.76 -0.88 N | 50.05 0.66 -27.88 N | 70.94 0.48 -53.59 N | 71.22 0.79 -43.19 N | 101.44 0.29 -90.64 N | 81.31 0.89 -50.24 N | 102.60 0.90 -70.94 N | 100.18 0.67 -76.84 N | 150.24 0.44 -134.86 N | 132.00 0.31 -120.27 N | 107.06 0.66 -82.88 N | 112.00 0.43 -96.16 N | 102.29 0.42 -86.79 N | 176.67 0.12 -172.38 N | 121.01 0.17 -114.04 N | 122.53 0.18 -115.24 N | 102.55 0.60 -79.17 N | 105.22 0.53 -85.64 N | 98.68 1.14 -56.11 N | 102.18 1.29 -53.87 N | 99.86 1.05 -56.89 N |
| REVERE_CPPR_DRP 24186 | 26.26 0.31 0.00 N | 21.84 0.24 0.00 N | 0.27 0.00 0.00 N | 28.96 0.23 0.00 N | 21.68 0.17 0.00 N | 17.09 0.22 0.00 N | 27.74 0.50 0.00 N | 10.81 0.30 0.00 N | 31.07 0.89 0.00 N | 31.72 0.96 0.00 N | 23.42 0.74 0.00 N | 15.44 0.51 0.00 N | 11.78 0.36 0.00 N | 24.27 0.74 0.00 N | 15.89 0.47 0.00 N | 15.53 0.45 0.00 N | 4.42 0.11 -0.13 N | 8.99 0.20 -2.00 N | 9.34 0.21 -2.02 N | 24.82 0.65 -1.39 N | 20.24 0.53 -0.64 N | 42.44 1.01 0.00 N | 47.99 0.97 0.00 N | 42.54 0.61 0.00 N |
| ROCHESTER_9_IC 23652 | 29.67 -0.58 -4.31 N | 25.28 -0.71 -4.39 N | 5.86 -0.02 -5.61 N | 27.77 -1.05 -0.09 N | 23.59 -0.71 -2.79 N | 21.56 -0.66 -5.36 N | 30.77 -0.78 -4.32 N | 19.40 -0.17 -9.06 N | 34.67 -0.53 -5.02 N | 37.30 -0.56 -7.09 N | 30.03 -0.33 -7.68 N | 28.19 -0.22 -13.48 N | 23.28 -0.16 -12.03 N | 31.51 -0.30 -8.29 N | 24.87 -0.16 -9.61 N | 23.62 -0.14 -8.68 N | 21.38 -0.04 -17.24 N | 18.20 -0.05 -11.46 N | 18.62 -0.07 -11.58 N | 30.36 -0.37 -7.95 N | 27.33 -0.31 -8.58 N | 46.24 -0.81 -5.62 N | 51.35 -1.07 -5.40 N | 46.22 -1.41 -5.71 N |
| ROSETON___1 23587 | 61.89 1.71 -34.23 N | 57.75 1.32 -34.82 N | 44.87 0.01 -44.58 N | 31.11 1.68 -0.70 N | 44.94 1.29 -22.15 N | 60.46 1.03 -42.56 N | 63.41 1.86 -34.31 N | 83.25 0.76 -71.99 N | 72.44 2.35 -39.91 N | 89.48 2.37 -56.35 N | 85.49 1.79 -61.03 N | 123.28 1.24 -107.12 N | 107.88 0.93 -95.52 N | 91.28 1.92 -65.83 N | 93.05 1.25 -76.38 N | 85.22 1.21 -68.94 N | 141.43 0.34 -136.91 N | 97.85 0.51 -90.55 N | 99.16 0.55 -91.50 N | 87.39 1.78 -62.83 N | 88.37 1.47 -67.84 N | 89.09 3.14 -44.52 N | 93.29 3.50 -42.77 N | 90.09 2.97 -45.19 N |
| ROSETON___2 23588 | 61.89 1.71 -34.23 N | 57.75 1.32 -34.82 N | 44.87 0.01 -44.58 N | 31.11 1.68 -0.70 N | 44.94 1.29 -22.15 N | 60.46 1.03 -42.56 N | 63.41 1.86 -34.31 N | 83.25 0.76 -71.99 N | 72.44 2.35 -39.91 N | 89.48 2.37 -56.35 N | 85.49 1.79 -61.03 N | 123.28 1.24 -107.12 N | 107.88 0.93 -95.52 N | 91.28 1.92 -65.83 N | 93.05 1.25 -76.38 N | 85.22 1.21 -68.94 N | 141.43 0.34 -136.91 N | 97.85 0.51 -90.55 N | 99.16 0.55 -91.50 N | 87.39 1.78 -62.83 N | 88.37 1.47 -67.84 N | 89.09 3.14 -44.52 N | 93.29 3.50 -42.77 N | 90.09 2.97 -45.19 N |

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|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|
| RUSSELL___1 23602 | 29.04 -1.18 -4.27 N | 24.79 -1.16 -4.35 N | 5.81 -0.03 -5.57 N | 27.19 -1.63 -0.09 N | 23.21 -1.06 -2.76 N | 21.35 -0.83 -5.31 N | 30.69 -0.83 -4.28 N | 19.34 -0.15 -8.99 N | 34.75 -0.41 -4.98 N | 37.40 -0.39 -7.03 N | 30.16 -0.13 -7.62 N | 28.18 -0.12 -13.37 N | 23.28 -0.07 -11.92 N | 31.66 -0.08 -8.21 N | 24.92 -0.02 -9.52 N | 23.67 -0.01 -8.60 N | 21.26 -0.01 -17.09 N | 18.16 0.00 -11.36 N | 18.58 -0.01 -11.48 N | 30.47 -0.19 -7.89 N | 27.40 -0.16 -8.51 N | 46.30 -0.70 -5.58 N | 51.25 -1.12 -5.35 N | 45.88 -1.71 -5.66 N |
| RUSSELL___2 23532 | 29.04 -1.18 -4.27 N | 24.79 -1.16 -4.35 N | 5.81 -0.03 -5.57 N | 27.19 -1.63 -0.09 N | 23.21 -1.06 -2.76 N | 21.35 -0.83 -5.31 N | 30.69 -0.83 -4.28 N | 19.34 -0.15 -8.99 N | 34.75 -0.41 -4.98 N | 37.40 -0.39 -7.03 N | 30.16 -0.13 -7.62 N | 28.18 -0.12 -13.37 N | 23.28 -0.07 -11.92 N | 31.66 -0.08 -8.21 N | 24.92 -0.02 -9.52 N | 23.67 -0.01 -8.60 N | 21.26 -0.01 -17.09 N | 18.16 0.00 -11.36 N | 18.58 -0.01 -11.48 N | 30.47 -0.19 -7.89 N | 27.40 -0.16 -8.51 N | 46.30 -0.70 -5.58 N | 51.25 -1.12 -5.35 N | 45.88 -1.71 -5.66 N |
| RUSSELL___3 23549 | 29.39 -0.86 -4.30 N | 25.06 -0.91 -4.38 N | 5.85 -0.02 -5.60 N | 27.51 -1.30 -0.09 N | 23.42 -0.87 -2.78 N | 21.46 -0.76 -5.35 N | 30.68 -0.87 -4.31 N | 19.36 -0.19 -9.05 N | 34.62 -0.57 -5.02 N | 37.25 -0.59 -7.08 N | 30.01 -0.34 -7.67 N | 28.15 -0.24 -13.46 N | 23.26 -0.17 -12.01 N | 31.50 -0.30 -8.27 N | 24.85 -0.16 -9.59 N | 23.60 -0.14 -8.66 N | 21.34 -0.05 -17.21 N | 18.18 -0.05 -11.44 N | 18.60 -0.07 -11.56 N | 30.34 -0.38 -7.94 N | 27.31 -0.32 -8.57 N | 46.13 -0.91 -5.62 N | 51.17 -1.24 -5.39 N | 45.98 -1.64 -5.70 N |
| RUSSELL___4 23556 | 29.04 -1.18 -4.27 N | 24.80 -1.15 -4.35 N | 5.81 -0.03 -5.57 N | 27.20 -1.62 -0.09 N | 23.21 -1.06 -2.76 N | 21.35 -0.83 -5.31 N | 30.69 -0.83 -4.28 N | 19.34 -0.15 -8.99 N | 34.75 -0.41 -4.98 N | 37.39 -0.40 -7.03 N | 30.15 -0.14 -7.62 N | 28.18 -0.12 -13.37 N | 23.28 -0.07 -11.92 N | 31.65 -0.09 -8.21 N | 24.92 -0.02 -9.52 N | 23.67 -0.02 -8.60 N | 21.26 -0.01 -17.09 N | 18.16 0.00 -11.36 N | 18.58 -0.01 -11.48 N | 30.47 -0.20 -7.89 N | 27.40 -0.17 -8.51 N | 46.30 -0.70 -5.58 N | 51.25 -1.12 -5.35 N | 45.89 -1.70 -5.66 N |
| RUSSELL___STATION 23914 | 29.39 -0.86 -4.30 N | 25.06 -0.91 -4.38 N | 5.85 -0.02 -5.60 N | 27.51 -1.30 -0.09 N | 23.42 -0.87 -2.78 N | 21.46 -0.76 -5.35 N | 30.68 -0.87 -4.31 N | 19.36 -0.19 -9.05 N | 34.62 -0.57 -5.02 N | 37.25 -0.59 -7.08 N | 30.01 -0.34 -7.67 N | 28.15 -0.24 -13.46 N | 23.26 -0.17 -12.01 N | 31.50 -0.30 -8.27 N | 24.85 -0.16 -9.59 N | 23.60 -0.14 -8.66 N | 21.34 -0.05 -17.21 N | 18.18 -0.05 -11.44 N | 18.60 -0.07 -11.56 N | 30.34 -0.38 -7.94 N | 27.31 -0.32 -8.57 N | 46.13 -0.91 -5.62 N | 51.17 -1.24 -5.39 N | 45.98 -1.64 -5.70 N |
| S SALMON___HYD 24043 | 27.72 -0.66 -2.43 N | 23.49 -0.59 -2.47 N | 3.42 -0.01 -3.17 N | 27.94 -0.84 -0.05 N | 22.45 -0.63 -1.57 N | 19.42 -0.47 -3.02 N | 29.06 -0.61 -2.44 N | 15.44 -0.17 -5.11 N | 32.52 -0.49 -2.83 N | 34.25 -0.50 -4.00 N | 26.65 -0.35 -4.33 N | 22.31 -0.22 -7.60 N | 18.02 -0.19 -6.78 N | 27.82 -0.37 -4.67 N | 20.56 -0.24 -5.39 N | 19.73 -0.24 -4.89 N | 13.84 -0.07 -9.72 N | 13.26 -0.11 -6.57 N | 13.64 -0.11 -6.64 N | 26.97 -0.37 -4.56 N | 23.62 -0.33 -4.88 N | 43.82 -0.79 -3.18 N | 49.04 -1.03 -3.06 N | 43.99 -1.17 -3.23 N |
| SELKIRK___II 23799 | 69.68 0.78 -42.95 N | 65.89 0.60 -43.69 N | 56.22 0.01 -55.94 N | 30.44 0.83 -0.88 N | 49.97 0.68 -27.78 N | 70.77 0.50 -53.40 N | 71.10 0.82 -43.05 N | 101.16 0.33 -90.33 N | 81.28 1.03 -50.07 N | 102.50 1.04 -70.70 N | 99.99 0.75 -76.57 N | 149.83 0.51 -134.39 N | 131.64 0.36 -119.85 N | 106.89 0.77 -82.59 N | 111.75 0.51 -95.82 N | 102.07 0.50 -86.49 N | 176.09 0.14 -171.78 N | 120.64 0.21 -113.64 N | 122.17 0.22 -114.83 N | 102.41 0.71 -78.93 N | 105.24 0.63 -85.55 N | 98.67 1.30 -55.95 N | 102.15 1.45 -53.68 N | 99.78 1.16 -56.69 N |
| SELKIRK___I 23801 | 69.50 0.71 -42.84 N | 65.72 0.53 -43.58 N | 56.08 0.01 -55.81 N | 30.33 0.72 -0.88 N | 49.82 0.59 -27.72 N | 70.59 0.45 -53.28 N | 70.93 0.75 -42.94 N | 100.93 0.31 -90.12 N | 81.13 1.00 -49.95 N | 102.30 1.02 -70.53 N | 99.81 0.75 -76.39 N | 149.51 0.51 -134.08 N | 131.36 0.36 -119.56 N | 106.70 0.77 -82.40 N | 111.53 0.51 -95.60 N | 101.87 0.50 -86.29 N | 175.69 0.14 -171.37 N | 120.37 0.21 -113.37 N | 121.89 0.22 -114.56 N | 102.18 0.70 -78.70 N | 104.82 0.60 -85.15 N | 98.51 1.29 -55.78 N | 101.98 1.41 -53.55 N | 99.57 1.09 -56.56 N |
| SENECA OSWGO___HYD 24041 | 28.44 -0.24 -2.73 N | 24.12 -0.26 -2.78 N | 3.82 -0.01 -3.56 N | 28.38 -0.40 -0.06 N | 23.00 -0.28 -1.77 N | 20.04 -0.23 -3.40 N | 29.74 -0.24 -2.74 N | 16.22 -0.03 -5.74 N | 33.33 -0.04 -3.19 N | 35.24 -0.02 -4.50 N | 27.55 0.00 -4.87 N | 23.50 0.02 -8.55 N | 19.05 0.00 -7.62 N | 28.79 0.01 -5.25 N | 21.51 0.01 -6.08 N | 20.58 0.01 -5.50 N | 15.11 0.00 -10.93 N | 14.13 0.01 -7.33 N | 14.52 0.01 -7.40 N | 27.84 -0.02 -5.08 N | 24.49 -0.04 -5.47 N | 44.84 -0.16 -3.58 N | 50.14 -0.31 -3.44 N | 45.07 -0.49 -3.63 N |
| SENECA___ENERGY 23797 | 30.32 -0.32 -4.68 N | 26.01 -0.36 -4.76 N | 6.35 -0.01 -6.10 N | 28.22 -0.61 -0.10 N | 24.15 -0.39 -3.03 N | 22.40 -0.29 -5.82 N | 31.65 -0.28 -4.69 N | 20.39 0.04 -9.85 N | 35.61 -0.02 -5.46 N | 38.41 -0.06 -7.71 N | 30.98 -0.04 -8.35 N | 29.62 0.04 -14.65 N | 24.45 -0.04 -13.06 N | 32.47 -0.05 -9.00 N | 25.84 -0.01 -10.43 N | 24.51 0.00 -9.43 N | 22.91 0.00 -18.73 N | 19.28 0.03 -12.47 N | 19.73 0.02 -12.60 N | 31.38 -0.05 -8.65 N | 28.29 -0.10 -9.33 N | 47.23 -0.32 -6.11 N | 52.37 -0.52 -5.87 N | 47.25 -0.87 -6.20 N |
| SHOEMAKER___GT 23640 | 58.88 1.62 -31.31 N | 54.70 1.25 -31.85 N | 41.07 0.02 -40.78 N | 30.96 1.58 -0.64 N | 42.98 1.22 -20.26 N | 56.79 0.98 -38.93 N | 60.42 1.80 -31.38 N | 77.10 0.75 -65.85 N | 68.99 2.31 -36.50 N | 84.66 2.36 -51.54 N | 80.27 1.77 -55.82 N | 114.12 1.23 -97.96 N | 99.71 0.93 -87.36 N | 85.66 1.92 -60.21 N | 86.52 1.24 -69.86 N | 79.33 1.20 -63.06 N | 129.74 0.33 -125.23 N | 90.13 0.51 -82.83 N | 91.36 0.55 -83.70 N | 82.04 1.79 -57.47 N | 82.59 1.48 -62.05 N | 85.30 3.15 -40.72 N | 89.60 3.46 -39.12 N | 86.10 2.84 -41.34 N |
| SHOREHAM_IC_1 23715 | 67.59 3.04 -38.60 N | 59.08 2.50 -34.97 N | 45.07 0.03 -44.77 N | 32.63 3.20 -0.70 N | 46.19 2.44 -22.24 N | 61.60 1.99 -42.74 N | 71.78 3.34 -41.20 N | 86.75 1.17 -75.07 N | 75.93 3.72 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.96 -61.29 N | 125.21 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.85 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.46 2.58 -63.10 N | 89.16 1.98 -68.12 N | 90.53 4.39 -44.71 N | 94.51 4.54 -42.95 N | 90.79 3.48 -45.38 N |
| SHOREHAM_IC_2 23716 | 67.59 3.04 -38.60 N | 59.08 2.50 -34.97 N | 45.07 0.03 -44.77 N | 32.63 3.20 -0.70 N | 46.19 2.44 -22.24 N | 61.60 1.99 -42.74 N | 71.78 3.34 -41.20 N | 86.75 1.17 -75.07 N | 75.93 3.72 -42.03 N | 90.90 3.56 -56.58 N | 86.91 2.96 -61.29 N | 125.21 1.93 -108.35 N | 108.71 1.36 -95.93 N | 92.43 2.80 -66.11 N | 93.96 1.85 -76.70 N | 86.10 1.79 -69.23 N | 142.25 0.58 -137.49 N | 98.47 0.75 -90.93 N | 99.76 0.76 -91.89 N | 88.46 2.58 -63.10 N | 89.16 1.98 -68.12 N | 90.53 4.39 -44.71 N | 94.51 4.54 -42.95 N | 90.79 3.48 -45.38 N |
| SISSONVILLE___ 23735 | 24.92 -1.03 0.00 N | 20.90 -0.70 0.00 N | 0.26 0.00 0.00 N | 27.85 -0.88 0.00 N | 20.66 -0.85 0.00 N | 16.32 -0.55 0.00 N | 26.15 -1.09 0.00 N | 10.08 -0.43 0.00 N | 28.52 -1.66 0.00 N | 28.99 -1.77 0.00 N | 21.39 -1.29 0.00 N | 14.07 -0.86 0.00 N | 10.81 -0.62 0.00 N | 22.22 -1.30 0.00 N | 14.55 -0.87 0.00 N | 14.37 -0.71 0.00 N | 3.94 -0.24 0.00 N | 6.44 -0.36 0.00 N | 6.77 -0.34 0.00 N | 21.71 -1.08 0.00 N | 18.17 -0.89 0.00 N | 39.49 -1.94 0.00 N | 45.22 -1.79 0.00 N | 40.45 -1.47 0.00 N |

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| | 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 |
| SITHE_IND_GS1 24169 | 27.58 -0.56 -2.19 N | 23.31 -0.52 -2.23 N | 3.11 -0.01 -2.85 N | 28.05 -0.73 -0.05 N | 22.40 -0.52 -1.42 N | 19.18 -0.41 -2.72 N | 28.82 -0.61 -2.19 N | 14.92 -0.19 -4.61 N | 32.18 -0.55 -2.55 N | 33.79 -0.57 -3.61 N | 26.17 -0.41 -3.90 N | 21.52 -0.26 -6.85 N | 17.32 -0.21 -6.11 N | 27.31 -0.42 -4.21 N | 20.02 -0.27 -4.88 N | 19.22 -0.27 -4.41 N | 12.86 -0.08 -8.76 N | 12.51 -0.12 -5.83 N | 12.88 -0.13 -5.89 N | 26.41 -0.42 -4.05 N | 23.06 -0.37 -4.36 N | 43.46 -0.83 -2.86 N | 48.78 -0.99 -2.75 N | 43.81 -1.02 -2.90 N | | |
| SITHE_IND_GS2 24170 | 27.58 -0.56 -2.19 N | 23.31 -0.52 -2.23 N | 3.11 -0.01 -2.85 N | 28.05 -0.73 -0.05 N | 22.40 -0.52 -1.42 N | 19.18 -0.41 -2.72 N | 28.82 -0.61 -2.19 N | 14.92 -0.19 -4.61 N | 32.18 -0.55 -2.55 N | 33.79 -0.57 -3.61 N | 26.17 -0.41 -3.90 N | 21.52 -0.26 -6.85 N | 17.32 -0.21 -6.11 N | 27.31 -0.42 -4.21 N | 20.02 -0.27 -4.88 N | 19.22 -0.27 -4.41 N | 12.86 -0.08 -8.76 N | 12.51 -0.12 -5.83 N | 12.88 -0.13 -5.89 N | 26.41 -0.42 -4.05 N | 23.06 -0.37 -4.36 N | 43.46 -0.83 -2.86 N | 48.78 -0.99 -2.75 N | 43.81 -1.02 -2.90 N | | |
| SITHE_IND_GS3 24171 | 27.58 -0.56 -2.19 N | 23.31 -0.52 -2.23 N | 3.11 -0.01 -2.85 N | 28.05 -0.73 -0.05 N | 22.40 -0.52 -1.42 N | 19.18 -0.41 -2.72 N | 28.82 -0.61 -2.19 N | 14.92 -0.19 -4.61 N | 32.18 -0.55 -2.55 N | 33.79 -0.57 -3.61 N | 26.17 -0.41 -3.90 N | 21.52 -0.26 -6.85 N | 17.32 -0.21 -6.11 N | 27.31 -0.42 -4.21 N | 20.02 -0.27 -4.88 N | 19.22 -0.27 -4.41 N | 12.86 -0.08 -8.76 N | 12.51 -0.12 -5.83 N | 12.88 -0.13 -5.89 N | 26.41 -0.42 -4.05 N | 23.06 -0.37 -4.36 N | 43.46 -0.83 -2.86 N | 48.78 -0.99 -2.75 N | 43.81 -1.02 -2.90 N | | |
| SITHE_IND_GS4 24172 | 27.58 -0.56 -2.19 N | 23.31 -0.52 -2.23 N | 3.11 -0.01 -2.85 N | 28.05 -0.73 -0.05 N | 22.40 -0.52 -1.42 N | 19.18 -0.41 -2.72 N | 28.82 -0.61 -2.19 N | 14.92 -0.19 -4.61 N | 32.18 -0.55 -2.55 N | 33.79 -0.57 -3.61 N | 26.17 -0.41 -3.90 N | 21.52 -0.26 -6.85 N | 17.32 -0.21 -6.11 N | 27.31 -0.42 -4.21 N | 20.02 -0.27 -4.88 N | 19.22 -0.27 -4.41 N | 12.86 -0.08 -8.76 N | 12.51 -0.12 -5.83 N | 12.88 -0.13 -5.89 N | 26.41 -0.42 -4.05 N | 23.06 -0.37 -4.36 N | 43.46 -0.83 -2.86 N | 48.78 -0.99 -2.75 N | 43.81 -1.02 -2.90 N | | |
| SITHE___BATAVIA 24024 | 30.10 -0.79 -4.94 N | 25.61 -1.02 -5.02 N | 6.67 -0.03 -6.43 N | 27.34 -1.49 -0.10 N | 23.70 -1.00 -3.20 N | 21.99 -1.02 -6.14 N | 30.82 -1.36 -4.95 N | 20.52 -0.37 -10.38 N | 34.68 -1.25 -5.75 N | 37.54 -1.35 -8.13 N | 30.56 -0.91 -8.80 N | 29.76 -0.62 -15.45 N | 24.75 -0.45 -13.78 N | 32.12 -0.90 -9.49 N | 25.90 -0.53 -11.01 N | 24.54 -0.48 -9.94 N | 23.79 -0.13 -19.75 N | 19.71 -0.20 -13.12 N | 20.13 -0.24 -13.26 N | 30.93 -0.95 -9.10 N | 28.10 -0.78 -9.82 N | 46.10 -1.76 -6.44 N | 51.20 -2.00 -6.19 N | 46.26 -2.20 -6.53 N | | |
| SITHE___INDEPEND 23800 | 27.58 -0.56 -2.19 N | 23.31 -0.52 -2.23 N | 3.11 -0.01 -2.85 N | 28.05 -0.73 -0.05 N | 22.40 -0.52 -1.42 N | 19.18 -0.41 -2.72 N | 28.82 -0.61 -2.19 N | 14.92 -0.19 -4.61 N | 32.18 -0.55 -2.55 N | 33.79 -0.57 -3.61 N | 26.17 -0.41 -3.90 N | 21.52 -0.26 -6.85 N | 17.32 -0.21 -6.11 N | 27.31 -0.42 -4.21 N | 20.02 -0.27 -4.88 N | 19.22 -0.27 -4.41 N | 12.86 -0.08 -8.76 N | 12.51 -0.12 -5.83 N | 12.88 -0.13 -5.89 N | 26.41 -0.42 -4.05 N | 23.06 -0.37 -4.36 N | 43.46 -0.83 -2.86 N | 48.78 -0.99 -2.75 N | 43.81 -1.02 -2.90 N | | |
| SITHE___MASSENA 23902 | 25.34 -0.61 0.00 N | 21.26 -0.35 0.00 N | 0.27 0.00 0.00 N | 28.30 -0.44 0.00 N | 21.08 -0.43 0.00 N | 16.61 -0.27 0.00 N | 26.67 -0.57 0.00 N | 10.22 -0.29 0.00 N | 29.07 -1.11 0.00 N | 29.60 -1.16 0.00 N | 21.81 -0.87 0.00 N | 14.31 -0.62 0.00 N | 11.00 -0.42 0.00 N | 22.63 -0.90 0.00 N | 14.82 -0.59 0.00 N | 14.59 -0.49 0.00 N | 4.04 -0.14 0.00 N | 6.58 -0.21 0.00 N | 6.89 -0.22 0.00 N | 22.09 -0.69 0.00 N | 18.52 -0.54 0.00 N | 40.34 -1.09 0.00 N | 45.91 -1.10 0.00 N | 41.15 -0.78 0.00 N | | |
| SITHE___OGDNSBRG 24021 | 25.49 -0.46 0.00 N | 21.42 -0.18 0.00 N | 0.27 0.00 0.00 N | 28.46 -0.27 0.00 N | 21.17 -0.34 0.00 N | 16.71 -0.16 0.00 N | 26.85 -0.38 0.00 N | 10.32 -0.18 0.00 N | 29.31 -0.87 0.00 N | 29.86 -0.90 0.00 N | 22.03 -0.64 0.00 N | 14.46 -0.47 0.00 N | 11.11 -0.31 0.00 N | 22.86 -0.67 0.00 N | 14.97 -0.45 0.00 N | 14.76 -0.32 0.00 N | 4.07 -0.10 0.00 N | 6.65 -0.15 0.00 N | 6.97 -0.14 0.00 N | 22.33 -0.45 0.00 N | 18.71 -0.35 0.00 N | 40.68 -0.75 0.00 N | 46.35 -0.67 0.00 N | 41.47 -0.46 0.00 N | | |
| SITHE___STERLING 23777 | 26.95 0.27 -0.73 N | 22.53 0.18 -0.75 N | 1.22 0.00 -0.95 N | 28.91 0.16 -0.02 N | 22.11 0.13 -0.47 N | 17.95 0.17 -0.91 N | 28.37 0.40 -0.73 N | 12.29 0.25 -1.54 N | 31.76 0.72 -0.85 N | 32.73 0.77 -1.20 N | 24.56 0.58 -1.30 N | 17.62 0.41 -2.29 N | 13.74 0.28 -2.04 N | 25.50 0.58 -1.39 N | 17.36 0.37 -1.56 N | 16.91 0.36 -1.47 N | 7.24 0.09 -2.97 N | 9.57 0.16 -2.61 N | 9.92 0.17 -2.64 N | 25.12 0.52 -1.81 N | 21.35 0.42 -1.87 N | 43.43 0.82 -1.18 N | 48.90 0.75 -1.13 N | 43.60 0.48 -1.20 N | | |
| SOUTH CAIRO___GT 23612 | 66.23 1.93 -38.35 N | 62.14 1.52 -39.02 N | 50.25 0.02 -49.96 N | 31.49 1.97 -0.79 N | 47.85 1.53 -24.81 N | 65.78 1.22 -47.69 N | 67.81 2.13 -38.44 N | 92.04 0.87 -80.67 N | 77.57 2.69 -44.71 N | 96.68 2.79 -63.13 N | 93.13 2.09 -68.37 N | 136.35 1.42 -120.00 N | 119.48 1.05 -107.01 N | 99.44 2.16 -73.75 N | 102.39 1.41 -85.56 N | 93.66 1.35 -77.23 N | 157.94 0.38 -153.38 N | 108.84 0.59 -101.45 N | 110.27 0.63 -102.52 N | 94.93 2.02 -70.13 N | 95.19 1.65 -74.48 N | 94.62 3.58 -49.62 N | 98.89 3.95 -47.93 N | 95.75 3.21 -50.62 N | | |
| SOUTH HAMPTN___IC 23720 | 67.85 3.30 -38.60 N | 59.28 2.71 -34.97 N | 45.08 0.04 -44.77 N | 32.90 3.46 -0.70 N | 46.39 2.65 -22.24 N | 61.77 2.16 -42.74 N | 72.07 3.63 -41.20 N | 86.87 1.30 -75.07 N | 76.32 4.11 -42.03 N | 91.32 3.97 -56.58 N | 87.22 3.26 -61.29 N | 125.41 2.14 -108.35 N | 108.87 1.51 -95.93 N | 92.75 3.12 -66.11 N | 94.17 2.06 -76.70 N | 86.31 2.00 -69.23 N | 142.30 0.63 -137.49 N | 98.57 0.84 -90.93 N | 99.86 0.86 -91.89 N | 88.78 2.91 -63.10 N | 89.43 2.24 -68.12 N | 91.07 4.93 -44.71 N | 95.11 5.13 -42.95 N | 91.27 3.96 -45.38 N | | |
| SOUTHOLD___IC 23719 | 68.30 3.75 -38.60 N | 59.65 3.08 -34.97 N | 45.08 0.04 -44.77 N | 33.37 3.93 -0.70 N | 46.75 3.01 -22.24 N | 62.06 2.44 -42.74 N | 72.57 4.13 -41.20 N | 87.08 1.51 -75.07 N | 77.00 4.79 -42.03 N | 92.05 4.70 -56.58 N | 87.78 3.82 -61.29 N | 125.79 2.51 -108.35 N | 109.15 1.80 -95.93 N | 93.33 3.70 -66.11 N | 94.55 2.44 -76.70 N | 86.67 2.36 -69.23 N | 142.40 0.74 -137.49 N | 98.73 1.01 -90.93 N | 100.04 1.04 -91.89 N | 89.36 3.48 -63.10 N | 89.89 2.71 -68.12 N | 92.05 5.91 -44.71 N | 96.11 6.14 -42.95 N | 92.06 4.75 -45.38 N | | |
| ST LAWRENCE____ 23600 | 25.23 -0.72 0.00 N | 21.15 -0.45 0.00 N | 0.26 0.00 0.00 N | 28.16 -0.57 0.00 N | 20.99 -0.52 0.00 N | 16.52 -0.35 0.00 N | 26.55 -0.69 0.00 N | 10.16 -0.35 0.00 N | 29.04 -1.14 0.00 N | 29.58 -1.18 0.00 N | 21.80 -0.88 0.00 N | 14.31 -0.62 0.00 N | 11.01 -0.42 0.00 N | 22.66 -0.87 0.00 N | 14.85 -0.57 0.00 N | 14.56 -0.52 0.00 N | 4.03 -0.14 0.00 N | 6.57 -0.22 0.00 N | 6.88 -0.24 0.00 N | 22.04 -0.74 0.00 N | 18.45 -0.61 0.00 N | 40.15 -1.27 0.00 N | 45.68 -1.33 0.00 N | 40.95 -0.98 0.00 N | | |
| STATION 5_MISC_HYD | 27.66 | 23.61 | 5.78 | 25.63 | 21.98 | 20.40 | 29.14 | 18.73 | 33.05 | 35.66 | 28.88 | 27.33 | 22.61 | 30.30 | 24.01 | 22.78 | 20.98 | 17.74 | 18.15 | 29.15 | 26.33 | 44.04 | 48.58 | 43.45 | | |

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| 23604 | -2.55 -4.26 N | -2.33 -4.34 N | -0.04 -5.55 N | -3.19 -0.09 N | -2.29 -2.76 N | -1.77 -5.30 N | -2.37 -4.27 N | -0.74 -8.96 N | -2.10 -4.97 N | -2.12 -7.02 N | -1.39 -7.60 N | -0.94 -13.34 N | -0.71 -11.90 N | -1.42 -8.20 N | -0.91 -9.50 N | -0.88 -8.59 N | -0.25 -17.06 N | -0.39 -11.34 N | -0.42 -11.46 N | -1.50 -7.87 N | -1.22 -8.49 N | -2.95 -5.56 N | -3.78 -5.34 N | -4.12 -5.65 N |
| STEEL___WIND 323596 | 30.51 -1.24 -5.79 N | 26.11 -1.39 -5.89 N | 7.78 -0.03 -7.54 N | 26.85 -2.00 -0.12 N | 23.90 -1.35 -3.75 N | 22.74 -1.33 -7.20 N | 31.14 -1.90 -5.81 N | 22.12 -0.57 -12.18 N | 35.10 -1.84 -6.75 N | 38.34 -1.96 -9.54 N | 31.61 -1.39 -10.33 N | 32.16 -0.89 -18.13 N | 26.90 -0.69 -16.16 N | 33.30 -1.36 -11.14 N | 27.51 -0.82 -12.92 N | 25.97 -0.77 -11.67 N | 27.14 -0.21 -23.17 N | 21.83 -0.34 -15.38 N | 22.27 -0.38 -15.54 N | 32.04 -1.42 -10.67 N | 29.35 -1.22 -11.52 N | 46.30 -2.68 -7.55 N | 51.31 -2.96 -7.25 N | 46.57 -3.02 -7.66 N |
| STURGEON_POOL_HYD 23609 | 62.94 1.72 -35.27 N | 58.81 1.33 -35.88 N | 46.23 0.01 -45.94 N | 31.11 1.66 -0.72 N | 45.60 1.27 -22.82 N | 61.74 1.01 -43.86 N | 64.45 1.86 -35.35 N | 85.47 0.77 -74.19 N | 73.77 2.47 -41.12 N | 91.34 2.53 -58.05 N | 87.44 1.89 -62.87 N | 126.59 1.31 -110.35 N | 110.82 0.98 -98.41 N | 93.37 2.02 -67.82 N | 95.43 1.33 -78.68 N | 87.39 1.29 -71.02 N | 145.59 0.36 -141.05 N | 100.64 0.55 -93.29 N | 101.98 0.59 -94.27 N | 89.34 1.89 -64.66 N | 90.05 1.50 -69.49 N | 90.58 3.35 -45.80 N | 94.77 3.68 -44.07 N | 91.48 3.00 -46.55 N |
| SYRACUSE___ENERGY_ST1 323597 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N |
| SYRACUSE___ENERGY_ST2 323598 | 29.39 0.02 -3.42 N | 25.03 -0.05 -3.48 N | 4.72 -0.01 -4.46 N | 28.66 -0.14 -0.07 N | 23.63 -0.08 -2.21 N | 21.08 -0.05 -4.26 N | 30.72 0.05 -3.43 N | 17.81 0.10 -7.20 N | 34.48 0.31 -3.99 N | 36.71 0.32 -5.63 N | 29.01 0.24 -6.10 N | 25.83 0.19 -10.71 N | 21.09 0.11 -9.55 N | 30.36 0.26 -6.58 N | 23.21 0.17 -7.62 N | 22.13 0.16 -6.89 N | 17.92 0.04 -13.70 N | 16.04 0.08 -9.16 N | 16.45 0.09 -9.25 N | 29.36 0.22 -6.36 N | 26.07 0.16 -6.85 N | 46.18 0.27 -4.48 N | 51.48 0.15 -4.31 N | 46.38 -0.09 -4.55 N |
| SYRACUSE___POWER 24017 | 29.18 -0.04 -3.27 N | 24.84 -0.09 -3.33 N | 4.52 -0.01 -4.26 N | 28.59 -0.21 -0.07 N | 23.49 -0.14 -2.12 N | 20.85 -0.08 -4.07 N | 30.50 -0.01 -3.28 N | 17.46 0.08 -6.88 N | 34.21 0.22 -3.82 N | 36.37 0.23 -5.39 N | 28.68 0.17 -5.83 N | 25.31 0.14 -10.24 N | 20.64 0.08 -9.13 N | 30.00 0.18 -6.29 N | 22.82 0.12 -7.28 N | 21.78 0.12 -6.59 N | 17.30 0.02 -13.10 N | 15.66 0.06 -8.81 N | 16.07 0.06 -8.90 N | 29.04 0.15 -6.11 N | 25.74 0.11 -6.58 N | 45.88 0.15 -4.30 N | 51.18 0.03 -4.13 N | 46.12 -0.18 -4.37 N |
| Stony___Brook 24151 | 67.60 3.05 -38.60 N | 59.04 2.47 -34.97 N | 45.07 0.03 -44.77 N | 32.61 3.17 -0.70 N | 46.17 2.42 -22.24 N | 61.58 1.96 -42.74 N | 71.78 3.34 -41.20 N | 86.78 1.21 -75.07 N | 76.01 3.81 -42.03 N | 90.96 3.61 -56.58 N | 86.94 2.98 -61.29 N | 125.22 1.94 -108.35 N | 108.72 1.37 -95.93 N | 92.46 2.83 -66.11 N | 93.98 1.86 -76.70 N | 86.12 1.82 -69.23 N | 142.25 0.59 -137.49 N | 98.48 0.75 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.10 1.91 -68.12 N | 90.61 4.47 -44.71 N | 94.63 4.66 -42.95 N | 90.92 3.61 -45.38 N |
| UNION___PROCESSING_DRP 323587 | 29.43 -0.87 -4.34 N | 25.08 -0.95 -4.42 N | 5.90 -0.02 -5.66 N | 27.46 -1.36 -0.09 N | 23.38 -0.94 -2.81 N | 21.42 -0.85 -5.40 N | 30.46 -1.13 -4.35 N | 19.34 -0.30 -9.14 N | 34.28 -0.96 -5.06 N | 36.90 -1.01 -7.15 N | 29.76 -0.67 -7.75 N | 28.07 -0.45 -13.59 N | 23.22 -0.33 -12.12 N | 31.24 -0.64 -8.35 N | 24.72 -0.38 -9.68 N | 23.48 -0.35 -8.75 N | 21.46 -0.10 -17.38 N | 18.20 -0.14 -11.55 N | 18.61 -0.17 -11.67 N | 30.11 -0.69 -8.02 N | 27.12 -0.58 -8.65 N | 45.70 -1.39 -5.67 N | 50.78 -1.68 -5.44 N | 45.78 -1.90 -5.75 N |
| UPPER HUDSON___HYD 24058 | 71.75 1.46 -44.34 N | 67.86 1.15 -45.10 N | 58.04 0.02 -57.75 N | 31.25 1.61 -0.91 N | 51.37 1.18 -28.68 N | 72.97 0.97 -55.13 N | 73.46 1.78 -44.44 N | 104.55 0.79 -93.25 N | 84.17 2.29 -51.70 N | 105.97 2.21 -73.00 N | 103.32 1.58 -79.06 N | 154.75 1.05 -138.77 N | 135.94 0.76 -123.75 N | 110.31 1.50 -85.28 N | 115.35 0.98 -98.94 N | 105.32 0.93 -89.31 N | 181.81 0.26 -177.37 N | 124.56 0.39 -117.38 N | 126.17 0.44 -118.62 N | 105.74 1.48 -81.48 N | 108.48 1.30 -88.12 N | 101.71 2.53 -57.75 N | 105.49 3.03 -55.45 N | 103.14 2.61 -58.61 N |
| UPPER RAQUET___HYD 24056 | 24.92 -1.03 0.00 N | 20.90 -0.70 0.00 N | 0.26 0.00 0.00 N | 27.85 -0.88 0.00 N | 20.66 -0.85 0.00 N | 16.32 -0.55 0.00 N | 26.15 -1.09 0.00 N | 10.08 -0.43 0.00 N | 28.52 -1.66 0.00 N | 28.99 -1.77 0.00 N | 21.39 -1.29 0.00 N | 14.07 -0.86 0.00 N | 10.81 -0.62 0.00 N | 22.22 -1.30 0.00 N | 14.55 -0.87 0.00 N | 14.37 -0.71 0.00 N | 3.94 -0.24 0.00 N | 6.44 -0.36 0.00 N | 6.77 -0.34 0.00 N | 21.71 -1.08 0.00 N | 18.17 -0.89 0.00 N | 39.49 -1.94 0.00 N | 45.22 -1.79 0.00 N | 40.45 -1.47 0.00 N |
| VISCHER___FERRY HYD 24020 | 70.28 0.98 -43.36 N | 66.46 0.75 -44.10 N | 56.75 0.01 -56.47 N | 30.70 1.08 -0.89 N | 50.42 0.87 -28.05 N | 71.44 0.66 -53.91 N | 71.84 1.15 -43.45 N | 102.14 0.45 -91.18 N | 82.09 1.37 -50.55 N | 103.50 1.37 -71.37 N | 100.99 1.02 -77.30 N | 151.29 0.68 -135.68 N | 132.92 0.49 -121.00 N | 107.90 0.99 -83.38 N | 112.81 0.65 -96.74 N | 103.03 0.63 -87.32 N | 177.77 0.17 -173.42 N | 121.80 0.26 -114.74 N | 123.34 0.28 -115.95 N | 103.33 0.90 -79.65 N | 105.99 0.78 -86.16 N | 99.51 1.63 -56.46 N | 103.06 1.84 -54.20 N | 100.77 1.59 -57.26 N |
| WADING RIVER_IC_1 23522 | 67.50 2.95 -38.60 N | 59.00 2.43 -34.97 N | 45.08 0.03 -44.77 N | 32.54 3.11 -0.70 N | 46.12 2.38 -22.24 N | 61.55 1.94 -42.74 N | 71.68 3.24 -41.20 N | 86.71 1.13 -75.07 N | 75.81 3.60 -42.03 N | 90.77 3.43 -56.58 N | 86.81 2.85 -61.29 N | 125.14 1.86 -108.35 N | 108.66 1.31 -95.93 N | 92.33 2.70 -66.11 N | 93.89 1.78 -76.70 N | 86.04 1.73 -69.23 N | 142.23 0.56 -137.49 N | 98.44 0.72 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.08 1.89 -68.12 N | 90.36 4.23 -44.71 N | 94.36 4.39 -42.95 N | 90.66 3.36 -45.38 N |
| WADING RIVER_IC_2 23547 | 67.50 2.95 -38.60 N | 59.00 2.43 -34.97 N | 45.08 0.03 -44.77 N | 32.54 3.11 -0.70 N | 46.12 2.38 -22.24 N | 61.55 1.94 -42.74 N | 71.68 3.24 -41.20 N | 86.71 1.13 -75.07 N | 75.81 3.60 -42.03 N | 90.77 3.43 -56.58 N | 86.81 2.85 -61.29 N | 125.14 1.86 -108.35 N | 108.66 1.31 -95.93 N | 92.33 2.70 -66.11 N | 93.89 1.78 -76.70 N | 86.04 1.73 -69.23 N | 142.23 0.56 -137.49 N | 98.44 0.72 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.08 1.89 -68.12 N | 90.36 4.23 -44.71 N | 94.36 4.39 -42.95 N | 90.66 3.36 -45.38 N |
| WADING RIVER_IC_3 23601 | 67.50 2.95 -38.60 N | 59.00 2.43 -34.97 N | 45.08 0.03 -44.77 N | 32.54 3.11 -0.70 N | 46.12 2.38 -22.24 N | 61.55 1.94 -42.74 N | 71.68 3.24 -41.20 N | 86.71 1.13 -75.07 N | 75.81 3.60 -42.03 N | 90.77 3.43 -56.58 N | 86.81 2.85 -61.29 N | 125.14 1.86 -108.35 N | 108.66 1.31 -95.93 N | 92.33 2.70 -66.11 N | 93.89 1.78 -76.70 N | 86.04 1.73 -69.23 N | 142.23 0.56 -137.49 N | 98.44 0.72 -90.93 N | 99.73 0.73 -91.89 N | 88.36 2.48 -63.10 N | 89.08 1.89 -68.12 N | 90.36 4.23 -44.71 N | 94.36 4.39 -42.95 N | 90.66 3.36 -45.38 N |

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| WALDEN___HYDRO 24148 | 61.48 1.95 -33.58 N | 57.26 1.49 -34.17 N | 44.04 0.02 -43.75 N | 31.30 1.88 -0.69 N | 44.66 1.42 -21.73 N | 59.79 1.15 -41.77 N | 63.00 2.09 -33.67 N | 82.03 0.88 -70.65 N | 72.08 2.75 -39.15 N | 88.84 2.80 -55.28 N | 84.65 2.11 -59.87 N | 121.47 1.45 -105.08 N | 106.23 1.10 -93.71 N | 90.37 2.26 -64.58 N | 91.82 1.47 -74.93 N | 84.12 1.41 -67.63 N | 138.90 0.40 -134.32 N | 96.23 0.60 -88.84 N | 97.54 0.65 -89.77 N | 86.55 2.14 -61.63 N | 87.33 1.78 -66.49 N | 88.91 3.81 -43.67 N | 93.14 4.16 -41.97 N | 89.67 3.42 -44.34 N |
| WARRENSBURG____ 23737 | 71.79 1.50 -44.34 N | 67.89 1.18 -45.10 N | 58.04 0.02 -57.75 N | 31.28 1.64 -0.91 N | 51.39 1.20 -28.68 N | 72.99 0.99 -55.13 N | 73.49 1.81 -44.44 N | 104.56 0.80 -93.25 N | 84.22 2.34 -51.70 N | 106.01 2.26 -73.00 N | 103.35 1.62 -79.06 N | 154.78 1.08 -138.77 N | 135.95 0.78 -123.75 N | 110.35 1.54 -85.28 N | 115.37 1.01 -98.94 N | 105.34 0.95 -89.31 N | 181.81 0.26 -177.37 N | 124.57 0.40 -117.38 N | 126.18 0.45 -118.62 N | 105.77 1.51 -81.48 N | 108.51 1.33 -88.12 N | 101.79 3.08 -57.75 N | 105.55 3.08 -55.45 N | 103.19 2.66 -58.61 N |
| WATERSIDE___6 8 9 23538 | 62.53 2.22 -34.37 N | 58.27 1.71 -34.96 N | 45.05 0.02 -44.76 N | 31.59 2.16 -0.70 N | 45.40 1.66 -22.23 N | 60.93 1.33 -42.73 N | 64.14 2.46 -34.45 N | 83.75 0.96 -72.28 N | 73.31 3.06 -40.07 N | 90.46 3.13 -56.57 N | 86.35 2.41 -61.27 N | 124.09 1.62 -107.55 N | 108.56 1.23 -95.91 N | 92.19 2.57 -66.09 N | 93.77 1.68 -76.68 N | 85.91 1.62 -69.22 N | 142.09 0.45 -137.46 N | 98.39 0.68 -90.91 N | 99.70 0.72 -91.87 N | 88.19 2.33 -63.08 N | 89.09 1.92 -68.11 N | 90.23 4.10 -44.70 N | 94.55 4.59 -42.95 N | 91.06 3.76 -45.37 N |
| WEST BABYLON___IC 23714 | 67.49 2.95 -38.60 N | 58.91 2.34 -34.97 N | 45.07 0.03 -44.77 N | 32.41 2.97 -0.70 N | 46.01 2.27 -22.24 N | 61.45 1.84 -42.74 N | 71.64 3.21 -41.20 N | 86.81 1.23 -75.07 N | 76.00 3.80 -42.03 N | 91.04 3.70 -56.58 N | 86.88 2.92 -61.29 N | 125.18 1.90 -108.35 N | 108.70 1.34 -95.93 N | 92.40 2.77 -66.11 N | 93.95 1.83 -76.70 N | 86.10 1.79 -69.23 N | 142.24 0.58 -137.49 N | 98.47 0.74 -90.93 N | 99.78 0.78 -91.89 N | 88.52 2.64 -63.10 N | 89.36 2.18 -68.12 N | 90.95 4.81 -44.71 N | 95.08 5.11 -42.95 N | 91.34 4.03 -45.38 N |
| WEST CANADA___HYD 24049 | 24.71 0.18 1.42 N | 20.29 0.13 1.44 N | -1.58 0.00 1.85 N | 28.90 0.19 0.03 N | 20.76 0.17 0.92 N | 15.24 0.14 1.76 N | 26.07 0.25 1.42 N | 7.64 0.11 2.98 N | 28.89 0.36 1.65 N | 28.78 0.35 2.33 N | 20.41 0.27 2.53 N | 10.66 0.16 4.44 N | 7.58 0.11 3.96 N | 21.04 0.24 2.72 N | 12.44 0.15 3.13 N | 12.36 0.13 2.85 N | -1.39 0.04 5.60 N | 4.23 0.04 2.61 N | 4.52 0.04 2.63 N | 21.13 0.15 1.81 N | 17.27 0.13 1.92 N | 40.47 0.29 1.25 N | 46.10 0.28 1.20 N | 40.87 0.21 1.27 N |
| WESTERN_NY_WIND 24143 | 30.15 -0.80 -4.99 N | 25.65 -1.03 -5.08 N | 6.74 -0.03 -6.51 N | 27.32 -1.51 -0.10 N | 23.73 -1.01 -3.23 N | 22.05 -1.03 -6.21 N | 30.85 -1.39 -5.01 N | 20.63 -0.38 -10.51 N | 34.71 -1.29 -5.82 N | 37.60 -1.38 -8.22 N | 30.64 -0.94 -8.91 N | 29.92 -0.64 -15.63 N | 24.90 -0.47 -13.94 N | 32.20 -0.93 -9.61 N | 26.01 -0.54 -11.14 N | 24.64 -0.50 -10.06 N | 24.03 -0.14 -19.98 N | 19.85 -0.21 -13.27 N | 20.28 -0.24 -13.41 N | 31.01 -0.98 -9.21 N | 28.19 -0.81 -9.94 N | 46.13 -1.82 -6.52 N | 51.22 -2.05 -6.26 N | 46.29 -2.24 -6.61 N |
| YORK___WARBASSE 23770 | 62.63 2.32 -34.37 N | 58.35 1.78 -34.96 N | 45.05 0.02 -44.76 N | 31.66 2.23 -0.70 N | 45.45 1.71 -22.23 N | 60.98 1.38 -42.73 N | 64.26 2.57 -34.45 N | 83.79 1.01 -72.28 N | 73.43 3.18 -40.07 N | 90.52 3.19 -56.57 N | 86.41 2.46 -61.27 N | 124.13 1.66 -107.55 N | 108.59 1.26 -95.91 N | 92.24 2.62 -66.09 N | 93.80 1.70 -76.68 N | 85.96 1.66 -69.22 N | 142.11 0.47 -137.46 N | 98.41 0.71 -90.91 N | 99.73 0.75 -91.87 N | 88.26 2.39 -63.08 N | 89.16 1.99 -68.11 N | 90.40 4.27 -44.70 N | 94.80 4.83 -42.95 N | 91.12 3.82 -45.37 N |