

Time Weighted/Integrated Real Time LBMP- Generator

| | | --- LBMP \$ | | | | | --- Marginal Cost of Losses | | | | | --- Marginal Cost of Congestion | | | | | --- Scarcity Pricing In Effect (Y/N) | | | | | | | | | | | | | 12/17/2006 | | |
|----------------------|-------|-------------|--------|--------|-------|--------|-----------------------------|--------|--------|--------|--------|---------------------------------|--------|--------|--------|--------|--------------------------------------|--------|--------|---------|--------|-------|--------|-------|-------|--|--|--|--|------------|--|--|
| Generator Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 66.24 | 62.20 | 36.77 | 24.12 | 64.10 | 36.78 | 46.39 | 26.38 | 52.09 | 75.82 | 74.98 | 75.01 | 74.09 | 69.12 | 132.17 | 122.03 | 103.32 | 100.00 | 150.20 | 107.18 | 94.63 | 64.88 | 44.59 | 40.27 | | | | | | | |
| | | 4.27 | 2.07 | 1.84 | 1.90 | 0.14 | 0.52 | 1.22 | 1.51 | 2.58 | 0.72 | 2.78 | 1.73 | 3.17 | 4.90 | 3.52 | 1.32 | 6.11 | 5.16 | -1.19 | 2.86 | 7.08 | 4.45 | 3.62 | 3.07 | | | | | | | |
| | | -14.94 | -36.75 | -14.00 | -0.36 | -62.45 | -30.37 | -32.11 | -9.09 | -22.41 | -67.29 | -43.43 | -55.28 | -38.26 | -14.25 | -91.31 | -106.24 | -23.22 | -31.01 | -164.60 | -70.21 | -1.49 | -8.12 | 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 | | | | | | | |
| 74TH STREET_GT_1 | 24260 | 66.26 | 62.26 | 36.78 | 24.11 | 64.10 | 36.77 | 46.38 | 26.37 | 52.08 | 75.81 | 74.98 | 75.00 | 74.07 | 69.11 | 97.88 | 102.92 | 98.62 | 99.99 | 150.21 | 107.18 | 94.65 | 64.88 | 44.59 | 40.27 | | | | | | | |
| | | 4.27 | 2.07 | 1.84 | 1.90 | 0.13 | 0.52 | 1.21 | 1.51 | 2.57 | 0.72 | 2.77 | 1.73 | 3.15 | 4.89 | 3.50 | 1.32 | 6.09 | 5.15 | -1.18 | 2.85 | 7.10 | 4.46 | 3.62 | 3.07 | | | | | | | |
| | | -14.97 | -36.81 | -14.02 | -0.36 | -62.45 | -30.37 | -32.11 | -9.09 | -22.41 | -67.29 | -43.43 | -55.28 | -38.26 | -14.25 | -57.04 | -87.14 | -18.54 | -31.01 | -164.60 | -70.21 | -1.49 | -8.12 | 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 | | | | | | | |
| 74TH STREET_GT_2 | 24261 | 66.26 | 62.26 | 36.78 | 24.11 | 64.10 | 36.77 | 46.38 | 26.37 | 52.08 | 75.81 | 74.98 | 75.00 | 74.07 | 69.11 | 97.88 | 102.92 | 98.62 | 99.99 | 150.21 | 107.18 | 94.65 | 64.88 | 44.59 | 40.27 | | | | | | | |
| | | 4.27 | 2.07 | 1.84 | 1.90 | 0.13 | 0.52 | 1.21 | 1.51 | 2.57 | 0.72 | 2.77 | 1.73 | 3.15 | 4.89 | 3.50 | 1.32 | 6.09 | 5.15 | -1.18 | 2.85 | 7.10 | 4.46 | 3.62 | 3.07 | | | | | | | |
| | | -14.97 | -36.81 | -14.02 | -0.36 | -62.45 | -30.37 | -32.11 | -9.09 | -22.41 | -67.29 | -43.43 | -55.28 | -38.26 | -14.25 | -57.04 | -87.14 | -18.54 | -31.01 | -164.60 | -70.21 | -1.49 | -8.12 | 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 | | | | | | | |
| ADK HUDSON___FALLS | 24011 | 68.86 | 71.77 | 39.86 | 23.30 | 81.93 | 45.23 | 55.02 | 28.26 | 57.38 | 94.83 | 86.43 | 90.21 | 83.78 | 71.17 | 41.98 | 87.94 | 92.84 | 107.94 | 197.69 | 126.63 | 93.25 | 65.93 | 43.24 | 39.13 | | | | | | | |
| | | 2.57 | 1.02 | 0.89 | 0.97 | 0.06 | 0.27 | 0.64 | 0.79 | 1.44 | 0.44 | 1.77 | 1.09 | 1.89 | 2.87 | 2.15 | 0.88 | 4.67 | 4.20 | -0.90 | 2.18 | 5.27 | 3.18 | 2.28 | 1.93 | | | | | | | |
| | | -19.26 | -47.37 | -18.04 | -0.47 | -80.35 | -39.07 | -41.31 | -11.70 | -28.84 | -86.59 | -55.89 | -71.14 | -49.24 | -18.33 | -2.49 | -72.60 | -14.17 | -39.91 | -211.80 | -90.35 | -1.91 | -10.45 | 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 | | | | | | | |
| ADK RESOURCE___RCVRY | 23798 | 68.86 | 71.77 | 39.86 | 23.30 | 81.93 | 45.23 | 55.02 | 28.26 | 57.38 | 94.83 | 86.43 | 90.21 | 83.78 | 71.17 | 41.98 | 87.94 | 92.84 | 107.94 | 197.69 | 126.63 | 93.25 | 65.93 | 43.24 | 39.13 | | | | | | | |
| | | 2.57 | 1.02 | 0.89 | 0.97 | 0.06 | 0.27 | 0.64 | 0.79 | 1.44 | 0.44 | 1.77 | 1.09 | 1.89 | 2.87 | 2.15 | 0.88 | 4.67 | 4.20 | -0.90 | 2.18 | 5.27 | 3.18 | 2.28 | 1.93 | | | | | | | |
| | | -19.26 | -47.37 | -18.04 | -0.47 | -80.35 | -39.07 | -41.31 | -11.70 | -28.84 | -86.59 | -55.89 | -71.14 | -49.24 | -18.33 | -2.49 | -72.60 | -14.17 | -39.91 | -211.80 | -90.35 | -1.91 | -10.45 | 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 | | | | | | | |
| ADK S GLENS___FALLS | 24028 | 68.86 | 71.77 | 39.86 | 23.30 | 81.93 | 45.23 | 55.02 | 28.26 | 57.38 | 94.83 | 86.43 | 90.21 | 83.78 | 71.17 | 41.98 | 87.94 | 92.84 | 107.94 | 197.69 | 126.63 | 93.25 | 65.93 | 43.24 | 39.13 | | | | | | | |
| | | 2.57 | 1.02 | 0.89 | 0.97 | 0.06 | 0.27 | 0.64 | 0.79 | 1.44 | 0.44 | 1.77 | 1.09 | 1.89 | 2.87 | 2.15 | 0.88 | 4.67 | 4.20 | -0.90 | 2.18 | 5.27 | 3.18 | 2.28 | 1.93 | | | | | | | |
| | | -19.26 | -47.37 | -18.04 | -0.47 | -80.35 | -39.07 | -41.31 | -11.70 | -28.84 | -86.59 | -55.89 | -71.14 | -49.24 | -18.33 | -2.49 | -72.60 | -14.17 | -39.91 | -211.80 | -90.35 | -1.91 | -10.45 | 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 | | | | | | | |
| ADK_NYS___DAM | 23527 | 68.13 | 70.90 | 39.49 | 23.18 | 80.67 | 44.59 | 54.29 | 27.92 | 56.60 | 93.35 | 85.04 | 88.78 | 82.51 | 70.16 | 41.37 | 86.59 | 90.93 | 105.72 | 194.66 | 124.47 | 91.40 | 64.76 | 42.60 | 38.79 | | | | | | | |
| | | 2.15 | 0.90 | 0.81 | 0.87 | 0.06 | 0.25 | 0.56 | 0.64 | 1.11 | 0.32 | 1.26 | 0.78 | 1.39 | 2.14 | 1.58 | 0.67 | 2.99 | 2.61 | -0.60 | 1.43 | 3.46 | 2.16 | 1.64 | 1.60 | | | | | | | |
| | | -18.96 | -46.63 | -17.76 | -0.46 | -79.09 | -38.46 | -40.66 | -11.52 | -28.39 | -85.23 | -55.01 | -70.02 | -48.46 | -18.05 | -2.45 | -71.45 | -13.95 | -39.28 | -208.47 | -88.93 | -1.88 | -10.29 | 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 | | | | | | | |
| AIR_PRODUCTS___DRP | 24190 | 68.49 | 71.22 | 39.73 | 23.39 | 80.80 | 44.70 | 54.45 | 28.11 | 56.94 | 93.56 | 85.44 | 89.08 | 82.95 | 70.69 | 41.72 | 86.79 | 91.79 | 106.53 | 194.82 | 124.96 | 92.26 | 65.23 | 42.98 | 38.99 | | | | | | | |
| | | 2.48 | 1.15 | 1.02 | 1.08 | 0.08 | 0.30 | 0.67 | 0.80 | 1.41 | 0.41 | 1.58 | 0.98 | 1.76 | 2.65 | 1.93 | 0.76 | 3.82 | 3.37 | -0.74 | 1.80 | 4.31 | 2.63 | 2.01 | 1.79 | | | | | | | |
| | | -18.98 | -46.69 | -17.79 | -0.46 | -79.21 | -38.52 | -40.72 | -11.53 | -28.43 | -85.35 | -55.09 | -70.12 | -48.53 | -18.07 | -2.45 | -71.56 | -13.97 | -39.34 | -208.77 | -89.05 | -1.89 | -10.30 | 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 | | | | | | | |
| ALBANY___1 | 23571 | 68.49 | 71.22 | 39.73 | 23.39 | 80.80 | 44.70 | 54.45 | 28.11 | 56.94 | 93.56 | 85.44 | 89.08 | 82.95 | 70.69 | 41.72 | 86.79 | 91.79 | 106.53 | 194.82 | 124.96 | 92.26 | 65.23 | 42.98 | 38.99 | | | | | | | |
| | | 2.48 | 1.15 | 1.02 | 1.08 | 0.08 | 0.30 | 0.67 | 0.80 | 1.41 | 0.41 | 1.58 | 0.98 | 1.76 | 2.65 | 1.93 | 0.76 | 3.82 | 3.37 | -0.74 | 1.80 | 4.31 | 2.63 | 2.01 | 1.79 | | | | | | | |
| | | -18.98 | -46.69 | -17.79 | -0.46 | -79.21 | -38.52 | -40.72 | -11.53 | -28.43 | -85.35 | -55.09 | -70.12 | -48.53 | -18.07 | -2.45 | -71.56 | -13.97 | -39.34 | -208.77 | -89.05 | -1.89 | -10.30 | 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 | | | | | | | |
| ALBANY___2 | 23572 | 68.49 | 71.22 | 39.73 | 23.39 | 80.80 | 44.70 | 54.45 | 28.11 | 56.94 | 93.56 | 85.44 | 89.08 | 82.95 | 70.69 | 41.72 | 86.79 | 91.79 | 106.53 | 194.82 | 124.96 | 92.26 | 65.23 | 42.98 | 38.99 | | | | | | | |
| | | 2.48 | 1.15 | 1.02 | 1.08 | 0.08 | 0.30 | 0.67 | 0.80 | 1.41 | 0.41 | 1.58 | 0.98 | 1.76 | 2.65 | 1.93 | 0.76 | 3.82 | 3.37 | -0.74 | 1.80 | 4.31 | 2.63 | 2.01 | 1.79 | | | | | | | |
| | | -18.98 | -46.69 | -17.79 | -0.46 | -79.21 | -38.52 | -40.72 | -11.53 | -28.43 | -85.35 | -55.09 | -70.12 | -48.53 | -18.07 | -2.45 | -71.56 | -13.97 | -39.34 | -208.77 | -89.05 | -1.89 | -10.30 | 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 | | | | | | | |
| ALBANY___3 | | 68.49 | 71.22 | 39.73 | 23.39 | 80.80 | 44.70 | 54.45 | 28.11 | 56.94 | 93.56 | 85.44 | 89.08 | 82.95 | 70.69 | 41.72 | 86.79 | 91.79 | 106.53 | 194.82 | 124.96 | 92.26 | 65.23 | 42.98 | 38.99 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|
| 23573 | 2.48 -18.98 N | 1.15 -46.69 N | 1.02 -17.79 N | 1.08 -0.46 N | 0.08 -79.21 N | 0.30 -38.52 N | 0.67 -40.72 N | 0.80 -11.53 N | 1.41 -28.43 N | 0.41 -85.35 N | 1.58 -55.09 N | 0.98 -70.12 N | 1.76 -48.53 N | 2.65 -18.07 N | 1.93 -2.45 N | 0.76 -71.56 N | 3.82 -13.97 N | 3.37 -39.34 N | -0.74 -208.77 N | 1.80 -89.05 N | 4.31 -1.89 N | 2.63 -10.30 N | 2.01 0.00 N | 1.79 0.00 N |
| ALBANY____4 23574 | 68.49 2.48 -18.98 N | 71.22 1.15 -46.69 N | 39.73 1.02 -17.79 N | 23.39 1.08 -0.46 N | 80.80 0.08 -79.21 N | 44.70 0.30 -38.52 N | 54.45 0.67 -40.72 N | 28.11 0.80 -11.53 N | 56.94 1.41 -28.43 N | 93.56 0.41 -85.35 N | 85.44 1.58 -55.09 N | 89.08 0.98 -70.12 N | 82.95 1.76 -48.53 N | 70.69 2.65 -18.07 N | 41.72 1.93 -2.45 N | 86.79 0.76 -71.56 N | 91.79 3.82 -13.97 N | 106.53 3.37 -39.34 N | 194.82 -0.74 -208.77 N | 124.96 1.80 -89.05 N | 92.26 4.31 -1.89 N | 65.23 2.63 -10.30 N | 42.98 2.01 0.00 N | 38.99 1.79 0.00 N |
| ALCOA_RYNLDS____DRP 24188 | 46.58 -0.45 0.00 N | 23.22 -0.16 0.00 N | 20.75 -0.17 0.00 N | 21.65 -0.20 0.00 N | 1.49 -0.02 0.00 N | 5.82 -0.07 0.00 N | 12.89 -0.17 0.00 N | 15.55 -0.22 0.00 N | 26.73 -0.37 0.00 N | 7.69 -0.10 0.00 N | 28.40 -0.38 0.00 N | 17.76 -0.22 0.00 N | 32.30 -0.36 0.00 N | 49.38 -0.59 0.00 N | 36.87 -0.47 0.00 N | 14.30 -0.17 0.00 N | 72.93 -1.06 0.00 N | 62.76 -1.07 0.00 N | -12.85 0.35 0.00 N | 33.58 -0.54 0.00 N | 85.10 -0.97 0.00 N | 51.59 -0.71 0.00 N | 40.54 -0.43 0.00 N | 36.92 -0.28 0.00 N |
| ALLEGHENY____COGEN 23514 | 49.09 -0.49 -2.56 N | 29.38 -0.29 -6.29 N | 23.10 -0.21 -2.39 N | 21.63 -0.28 -0.06 N | 12.06 -0.02 -10.56 N | 10.96 -0.06 -5.13 N | 18.38 -0.11 -5.43 N | 17.23 -0.07 -1.54 N | 30.83 -0.06 -3.79 N | 19.18 0.00 -11.38 N | 35.84 -0.28 -7.35 N | 27.17 -0.16 -9.35 N | 38.56 -0.57 -6.47 N | 51.54 -0.84 -2.41 N | 37.29 -0.38 -0.33 N | 23.81 -0.20 -9.54 N | 76.06 0.21 -1.86 N | 70.34 1.26 -5.24 N | 14.07 -0.55 -27.84 N | 46.45 0.46 -11.87 N | 85.82 -0.50 -0.25 N | 53.67 0.00 -1.37 N | 41.06 0.10 0.00 N | 37.14 -0.05 0.00 N |
| AMERICAN_REF_FUEL 24010 | 44.56 -4.67 -2.20 N | 26.50 -2.30 -5.41 N | 21.03 -1.94 -2.04 N | 19.77 -2.13 -0.05 N | 10.17 -0.18 -8.84 N | 9.59 -0.59 -4.30 N | 16.26 -1.35 -4.54 N | 15.39 -1.67 -1.29 N | 27.31 -2.96 -3.17 N | 16.44 -0.89 -9.52 N | 31.15 -3.78 -6.15 N | 23.52 -2.29 -7.82 N | 33.63 -4.44 -5.42 N | 45.17 -6.82 -2.02 N | 32.85 -4.77 -0.27 N | 20.54 -1.92 -7.99 N | 66.48 -9.07 -1.56 N | 61.61 -6.61 -4.39 N | 11.05 0.96 -23.30 N | 40.38 -3.67 -9.94 N | 75.36 -10.92 -0.21 N | 47.42 -6.03 -1.15 N | 37.11 -3.86 0.00 N | 33.92 -3.28 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 66.00 4.00 -14.97 N | 62.12 1.93 -36.81 N | 36.62 1.67 -14.02 N | 23.94 1.73 -0.36 N | 64.08 0.11 -62.45 N | 36.74 0.48 -30.37 N | 46.29 1.12 -32.11 N | 26.27 1.41 -9.09 N | 51.92 2.41 -22.41 N | 75.77 0.68 -67.29 N | 74.83 2.62 -43.43 N | 74.91 1.64 -55.28 N | 73.89 2.97 -38.26 N | 68.81 4.59 -14.25 N | 97.61 3.23 -57.04 N | 102.81 1.21 -87.14 N | 97.83 5.30 -18.54 N | 99.34 4.49 -31.01 N | 150.28 -1.10 -164.60 N | 107.02 2.70 -70.21 N | 94.26 6.71 -1.49 N | 64.65 4.22 -8.12 N | 44.34 3.37 0.00 N | 40.00 2.80 0.00 N |
| ARTHUR_KILL_2 23512 | 66.00 4.00 -14.97 N | 62.12 1.93 -36.81 N | 36.62 1.67 -14.02 N | 23.94 1.73 -0.36 N | 64.08 0.11 -62.45 N | 36.74 0.48 -30.37 N | 46.29 1.12 -32.11 N | 26.27 1.41 -9.09 N | 51.92 2.41 -22.41 N | 75.77 0.68 -67.29 N | 74.83 2.62 -43.43 N | 74.91 1.64 -55.28 N | 73.89 2.97 -38.26 N | 68.81 4.59 -14.25 N | 97.61 3.23 -57.04 N | 102.81 1.21 -87.14 N | 97.83 5.30 -18.54 N | 99.34 4.49 -31.01 N | 150.28 -1.10 -164.60 N | 107.02 2.70 -70.21 N | 94.26 6.71 -1.49 N | 64.65 4.22 -8.12 N | 44.34 3.37 0.00 N | 40.00 2.80 0.00 N |
| ARTHUR_KILL_3 23513 | 66.17 4.18 -14.97 N | 62.22 2.02 -36.81 N | 36.74 1.79 -14.02 N | 24.07 1.85 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.34 1.48 -9.09 N | 52.03 2.52 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.71 -43.43 N | 74.96 1.69 -55.28 N | 73.99 3.07 -38.26 N | 68.99 4.78 -14.25 N | 114.15 3.41 -73.40 N | 112.01 1.28 -96.25 N | 100.60 5.84 -20.77 N | 99.77 4.93 -31.01 N | 150.25 -1.14 -164.60 N | 107.04 2.72 -70.21 N | 94.35 6.79 -1.49 N | 64.71 4.28 -8.12 N | 44.47 3.50 0.00 N | 40.15 2.95 0.00 N |
| ASHOKAN____ 23654 | 67.32 4.12 -16.18 N | 65.13 1.96 -39.79 N | 37.78 1.70 -15.16 N | 24.02 1.78 -0.39 N | 69.14 0.13 -67.50 N | 39.20 0.49 -32.82 N | 48.91 1.14 -34.70 N | 27.00 1.40 -9.83 N | 53.79 2.47 -24.22 N | 81.24 0.71 -72.74 N | 78.43 2.71 -46.95 N | 79.43 1.69 -59.75 N | 77.08 3.06 -41.36 N | 70.09 4.72 -15.40 N | 42.86 3.43 -2.09 N | 76.76 1.31 -60.98 N | 92.78 6.88 -11.91 N | 103.42 6.07 -33.52 N | 163.36 -1.35 -177.91 N | 113.29 3.29 -75.89 N | 95.66 7.99 -1.61 N | 65.93 4.85 -8.78 N | 44.67 3.70 0.00 N | 40.30 3.10 0.00 N |
| ASTORIA_EAST_ENERGY_CC1 323581 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.16 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_EAST_ENERGY_CC2 323582 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT2_1 24094 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT2_2 24095 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT2_3 24096 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| ASTORIA_GT2_4 24097 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT3_1 24098 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT3_2 24099 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT3_3 24100 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT3_4 24101 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT4_1 24102 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT4_2 24103 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT4_3 24104 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT4_4 24105 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N |
| ASTORIA_GT_1 23523 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |
| ASTORIA_GT_10 24110 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |
| ASTORIA_GT_11 24225 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |
| ASTORIA_GT_12 24226 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |
| ASTORIA_GT_13 24227 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|---|
| ASTORIA_GT_5 24106 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N | |
| ASTORIA_GT_7 24107 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N | |
| ASTORIA_GT_8 24108 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N | |
| ASTORIA___2 24149 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.34 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.53 4.69 -31.01 N | 150.25 -1.14 -164.60 N | 107.25 2.92 -70.21 N | 94.96 7.41 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N | |
| ASTORIA___3 23516 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.82 1.87 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.78 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N | |
| ASTORIA___4 23517 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.16 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.78 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.02 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N | |
| ASTORIA___5 23518 | 66.43 4.43 -14.97 N | 62.38 2.18 -36.81 N | 36.86 1.91 -14.02 N | 24.20 1.99 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 46.44 1.27 -32.11 N | 26.45 1.59 -9.09 N | 52.24 2.73 -22.41 N | 75.86 0.77 -67.29 N | 75.17 2.96 -43.43 N | 75.11 1.84 -55.28 N | 74.23 3.30 -38.26 N | 69.42 5.20 -14.25 N | 329.33 3.46 -288.53 N | 102.95 1.34 -87.14 N | 98.09 5.57 -18.54 N | 99.51 4.67 -31.01 N | 150.25 -1.14 -164.60 N | 107.24 2.92 -70.21 N | 94.96 7.40 -1.49 N | 65.22 4.79 -8.12 N | 44.86 3.89 0.00 N | 40.47 3.27 0.00 N | |
| ATHENS_STG_1 23668 | 66.11 2.54 -16.54 N | 65.28 1.23 -40.67 N | 37.52 1.10 -15.49 N | 23.41 1.16 -0.40 N | 70.60 0.09 -68.99 N | 39.75 0.32 -33.55 N | 49.24 0.71 -35.47 N | 26.68 0.87 -10.05 N | 53.34 1.48 -24.76 N | 82.56 0.41 -74.34 N | 78.35 1.59 -47.99 N | 80.05 0.99 -61.08 N | 76.73 1.80 -42.27 N | 68.47 2.76 -15.74 N | 41.47 2.00 -2.14 N | 77.57 0.77 -62.33 N | 89.82 3.66 -12.17 N | 101.27 3.17 -34.26 N | 167.92 -0.72 -181.84 N | 113.43 1.75 -77.57 N | 91.98 4.27 -1.64 N | 63.94 2.67 -8.97 N | 43.06 2.10 0.00 N | 39.03 1.84 0.00 N | |
| ATHENS_STG_2 23670 | 66.11 2.54 -16.54 N | 65.28 1.23 -40.67 N | 37.52 1.10 -15.49 N | 23.41 1.16 -0.40 N | 70.60 0.09 -68.99 N | 39.75 0.32 -33.55 N | 49.24 0.71 -35.47 N | 26.68 0.87 -10.05 N | 53.34 1.48 -24.76 N | 82.56 0.41 -74.34 N | 78.35 1.59 -47.99 N | 80.05 0.99 -61.08 N | 76.73 1.80 -42.27 N | 68.47 2.76 -15.74 N | 41.47 2.00 -2.14 N | 77.57 0.77 -62.33 N | 89.82 3.66 -12.17 N | 101.27 3.17 -34.26 N | 167.92 -0.72 -181.84 N | 113.43 1.75 -77.57 N | 91.98 4.27 -1.64 N | 63.94 2.67 -8.97 N | 43.06 2.10 0.00 N | 39.03 1.84 0.00 N | |
| ATHENS_STG_3 23677 | 66.11 2.54 -16.54 N | 65.28 1.23 -40.67 N | 37.52 1.10 -15.49 N | 23.41 1.16 -0.40 N | 70.60 0.09 -68.99 N | 39.75 0.32 -33.55 N | 49.24 0.71 -35.47 N | 26.68 0.87 -10.05 N | 53.34 1.48 -24.76 N | 82.56 0.41 -74.34 N | 78.35 1.59 -47.99 N | 80.05 0.99 -61.08 N | 76.73 1.80 -42.27 N | 68.47 2.76 -15.74 N | 41.47 2.00 -2.14 N | 77.57 0.77 -62.33 N | 89.82 3.66 -12.17 N | 101.27 3.17 -34.26 N | 167.92 -0.72 -181.84 N | 113.43 1.75 -77.57 N | 91.98 4.27 -1.64 N | 63.94 2.67 -8.97 N | 43.06 2.10 0.00 N | 39.03 1.84 0.00 N | |
| BARRETT_IC_1 23704 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N | |
| BARRETT_IC_10 23701 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N | |
| BARRETT_IC_11 23702 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N | |
| BARRETT_IC_12 | 71.92 | 70.95 | 41.24 | 24.50 | 64.13 | 36.88 | 50.24 | 65.97 | 70.77 | 75.81 | 75.09 | 75.07 | 74.33 | 72.58 | 72.11 | 79.28 | 103.20 | 107.93 | 150.06 | 108.85 | 96.56 | 117.00 | 73.24 | 67.33 | |

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| 23703 | 5.01 -19.89 N | 2.47 -45.09 N | 2.22 -18.10 N | 2.28 -0.36 N | 0.16 -62.45 N | 0.63 -30.37 N | 1.43 -35.75 N | 1.79 -48.41 N | 3.00 -40.66 N | 0.72 -67.29 N | 2.88 -43.43 N | 1.80 -55.28 N | 3.41 -38.26 N | 5.47 -17.14 N | 4.08 -30.68 N | 1.51 -63.30 N | 6.86 -22.35 N | 5.85 -38.25 N | -1.33 -164.60 N | 3.30 -71.43 N | 8.21 -2.29 N | 5.41 -59.29 N | 4.29 -27.99 N | 3.79 -26.34 N |
| BARRETT_IC_2 23705 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_3 23706 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_4 23707 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_5 23708 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_6 23709 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_7 23710 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_8 23711 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT_IC_9 23700 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT___1 23545 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BARRETT___2 23546 | 71.92 5.01 -19.89 N | 70.95 2.47 -45.09 N | 41.24 2.22 -18.10 N | 24.50 2.28 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.77 3.00 -40.66 N | 75.81 0.72 -67.29 N | 75.09 2.88 -43.43 N | 75.07 1.80 -55.28 N | 74.33 3.41 -38.26 N | 72.58 5.47 -17.14 N | 72.11 4.08 -30.68 N | 79.28 1.51 -63.30 N | 103.20 6.86 -22.35 N | 107.93 5.85 -38.25 N | 150.06 -1.33 -164.60 N | 108.85 3.30 -71.43 N | 96.56 8.21 -2.29 N | 117.00 5.41 -59.29 N | 73.24 4.29 -27.99 N | 67.33 3.79 -26.34 N |
| BEAVER RIVER___HYD 24048 | 45.39 -1.94 -0.30 N | 23.14 -0.99 -0.75 N | 20.26 -0.94 -0.28 N | 20.85 -1.01 -0.01 N | 2.58 -0.08 -1.15 N | 6.18 -0.27 -0.56 N | 13.02 -0.64 -0.59 N | 15.26 -0.68 -0.17 N | 26.45 -1.06 -0.41 N | 8.77 -0.26 -1.24 N | 28.56 -1.02 -0.80 N | 18.38 -0.63 -1.02 N | 32.28 -1.09 -0.70 N | 48.64 -1.60 -0.26 N | 36.15 -1.23 -0.04 N | 15.06 -0.45 -1.04 N | 72.44 -1.76 -0.20 N | 63.21 -1.19 -0.57 N | -9.86 0.32 -3.03 N | 34.56 -0.84 -1.29 N | 83.74 -2.35 -0.03 N | 50.76 -1.69 -0.15 N | 39.57 -1.39 0.00 N | 35.88 -1.32 0.00 N |
| BEEBEE_GT_13 23619 | 45.65 -3.19 -1.82 N | 26.34 -1.51 -4.47 N | 21.39 -1.23 -1.70 N | 20.55 -1.35 -0.04 N | 8.86 -0.11 -7.46 N | 9.14 -0.37 -3.63 N | 16.12 -0.78 -3.84 N | 16.03 -0.82 -1.09 N | 28.39 -1.39 -2.68 N | 15.48 -0.36 -8.04 N | 32.32 -1.65 -5.19 N | 23.68 -0.91 -6.61 N | 35.34 -1.90 -4.57 N | 48.61 -3.06 -1.70 N | 35.55 -2.02 -0.23 N | 20.46 -0.75 -6.74 N | 72.36 -2.95 -1.32 N | 65.90 -1.64 -3.71 N | 6.41 -0.04 -19.67 N | 41.51 -0.99 -8.39 N | 81.79 -4.45 -0.18 N | 50.30 -2.97 -0.97 N | 38.68 -2.29 0.00 N | 34.84 -2.36 0.00 N |
| BETHLEHEM___GRP 23843 | 68.49 2.48 -18.98 N | 71.22 1.15 -46.69 N | 39.73 1.02 -17.79 N | 23.39 1.08 -0.46 N | 80.80 0.08 -79.21 N | 44.70 0.30 -38.52 N | 54.45 0.67 -40.72 N | 28.11 0.80 -11.53 N | 56.94 1.41 -28.43 N | 93.56 0.41 -85.35 N | 85.44 1.58 -55.09 N | 89.08 0.98 -70.12 N | 82.95 1.76 -48.53 N | 70.69 2.65 -18.07 N | 41.72 1.93 -2.45 N | 86.79 0.76 -71.56 N | 91.79 3.82 -13.97 N | 106.53 3.37 -39.34 N | 194.82 -0.74 -208.77 N | 124.96 1.80 -89.05 N | 92.26 4.31 -1.89 N | 65.23 2.63 -10.30 N | 42.98 2.01 0.00 N | 38.99 1.79 0.00 N |

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| BETHLEHEM___GS1 323560 | 68.49 2.48 -18.98 N | 71.22 1.15 -46.69 N | 39.73 1.02 -17.79 N | 23.39 1.08 -0.46 N | 80.80 0.08 -79.21 N | 44.70 0.30 -38.52 N | 54.45 0.67 -40.72 N | 28.11 0.80 -11.53 N | 56.94 1.41 -28.43 N | 93.56 0.41 -85.35 N | 85.44 1.58 -55.09 N | 89.08 0.98 -70.12 N | 82.95 1.76 -48.53 N | 70.69 2.65 -18.07 N | 41.72 1.93 -2.45 N | 86.79 0.76 -71.56 N | 91.79 3.82 -13.97 N | 106.53 3.37 -39.34 N | 194.82 -0.74 -208.77 N | 124.96 1.80 -89.05 N | 92.26 4.31 -1.89 N | 65.23 2.63 -10.30 N | 42.98 2.01 0.00 N | 38.99 1.79 0.00 N |
| BETHLEHEM___GS2 323561 | 68.49 2.48 -18.98 N | 71.22 1.15 -46.69 N | 39.73 1.02 -17.79 N | 23.39 1.08 -0.46 N | 80.80 0.08 -79.21 N | 44.70 0.30 -38.52 N | 54.45 0.67 -40.72 N | 28.11 0.80 -11.53 N | 56.94 1.41 -28.43 N | 93.56 0.41 -85.35 N | 85.44 1.58 -55.09 N | 89.08 0.98 -70.12 N | 82.95 1.76 -48.53 N | 70.69 2.65 -18.07 N | 41.72 1.93 -2.45 N | 86.79 0.76 -71.56 N | 91.79 3.82 -13.97 N | 106.53 3.37 -39.34 N | 194.82 -0.74 -208.77 N | 124.96 1.80 -89.05 N | 92.26 4.31 -1.89 N | 65.23 2.63 -10.30 N | 42.98 2.01 0.00 N | 38.99 1.79 0.00 N |
| BETHLEHEM___GS3 323562 | 68.49 2.48 -18.98 N | 71.22 1.15 -46.69 N | 39.73 1.02 -17.79 N | 23.39 1.08 -0.46 N | 80.80 0.08 -79.21 N | 44.70 0.30 -38.52 N | 54.45 0.67 -40.72 N | 28.11 0.80 -11.53 N | 56.94 1.41 -28.43 N | 93.56 0.41 -85.35 N | 85.44 1.58 -55.09 N | 89.08 0.98 -70.12 N | 82.95 1.76 -48.53 N | 70.69 2.65 -18.07 N | 41.72 1.93 -2.45 N | 86.79 0.76 -71.56 N | 91.79 3.82 -13.97 N | 106.53 3.37 -39.34 N | 194.82 -0.74 -208.77 N | 124.96 1.80 -89.05 N | 92.26 4.31 -1.89 N | 65.23 2.63 -10.30 N | 42.98 2.01 0.00 N | 38.99 1.79 0.00 N |
| BETHLEHEM___STEEL 23779 | 44.95 -4.42 -2.34 N | 26.98 -2.16 -5.75 N | 21.26 -1.82 -2.17 N | 19.90 -2.01 -0.05 N | 10.65 -0.16 -9.30 N | 9.85 -0.56 -4.52 N | 16.59 -1.25 -4.78 N | 15.57 -1.56 -1.35 N | 27.68 -2.75 -3.34 N | 17.00 -0.82 -10.02 N | 31.72 -3.52 -6.47 N | 24.06 -2.16 -8.23 N | 34.17 -4.18 -5.70 N | 45.68 -6.41 -2.12 N | 33.17 -4.47 -0.29 N | 21.06 -1.81 -8.40 N | 67.15 -8.48 -1.64 N | 62.35 -6.09 -4.62 N | 12.19 0.89 -24.51 N | 41.14 -3.43 -10.45 N | 75.98 -10.31 -0.22 N | 47.86 -5.66 -1.21 N | 37.32 -3.65 0.00 N | 34.08 -3.12 0.00 N |
| BETHPAGE_CC_5 323564 | 71.86 4.95 -19.89 N | 70.97 2.50 -45.09 N | 41.28 2.26 -18.10 N | 24.56 2.34 -0.36 N | 64.14 0.17 -62.45 N | 36.88 0.63 -30.37 N | 50.25 1.44 -35.75 N | 65.98 1.80 -48.41 N | 70.76 2.99 -40.66 N | 75.78 0.69 -67.29 N | 74.94 2.74 -43.43 N | 75.02 1.75 -55.28 N | 74.25 3.33 -38.26 N | 72.49 5.38 -17.14 N | 72.04 4.02 -30.68 N | 79.24 1.48 -63.30 N | 103.27 6.93 -22.35 N | 107.97 5.89 -38.25 N | 150.11 -1.28 -164.60 N | 108.77 3.23 -71.43 N | 96.36 8.01 -2.29 N | 116.83 5.24 -59.29 N | 73.15 4.20 -27.99 N | 67.34 3.80 -26.34 N |
| BINGHAMTON___COGEN 23790 | 51.97 -0.01 -4.95 N | 35.56 0.00 -12.18 N | 25.60 0.03 -4.65 N | 22.01 0.04 -0.12 N | 22.33 0.03 -20.78 N | 16.02 0.03 -10.10 N | 23.83 0.08 -10.68 N | 18.88 0.08 -3.03 N | 34.72 0.17 -7.46 N | 30.24 0.05 -22.39 N | 43.39 0.17 -14.45 N | 36.44 0.06 -18.39 N | 45.40 0.01 -12.73 N | 54.76 0.04 -4.74 N | 38.12 0.13 -0.64 N | 33.25 0.01 -18.77 N | 78.10 0.44 -3.67 N | 74.86 0.71 -10.32 N | 41.37 -0.18 -54.77 N | 57.65 0.17 -23.36 N | 86.29 -0.27 -0.49 N | 55.11 0.10 -2.70 N | 40.95 -0.02 0.00 N | 37.23 0.03 0.00 N |
| BLACK RIVER___HYD 24047 | 45.05 -2.53 -0.55 N | 23.44 -1.29 -1.35 N | 20.21 -1.23 -0.52 N | 20.55 -1.32 -0.01 N | 3.70 -0.11 -2.29 N | 6.65 -0.35 -1.12 N | 13.45 -0.79 -1.18 N | 15.27 -0.84 -0.33 N | 26.61 -1.31 -0.82 N | 9.95 -0.32 -2.47 N | 29.11 -1.26 -1.60 N | 19.25 -0.77 -2.03 N | 32.78 -1.29 -1.41 N | 48.70 -1.80 -0.52 N | 36.04 -1.38 -0.07 N | 16.02 -0.52 -2.07 N | 72.65 -1.75 -0.40 N | 63.91 -1.06 -1.14 N | -6.89 0.27 -6.05 N | 35.85 -0.84 -2.58 N | 83.64 -2.48 -0.06 N | 50.79 -1.81 -0.30 N | 39.34 -1.63 0.00 N | 35.53 -1.66 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 68.19 2.38 -18.79 N | 70.74 1.13 -46.22 N | 39.53 1.01 -17.61 N | 23.37 1.06 -0.46 N | 80.00 0.08 -78.40 N | 44.30 0.29 -38.13 N | 54.02 0.64 -40.31 N | 27.97 0.79 -11.42 N | 56.61 1.37 -28.14 N | 92.68 0.39 -84.49 N | 84.81 1.50 -54.53 N | 88.33 0.94 -69.41 N | 82.39 1.69 -48.04 N | 70.46 2.59 -17.89 N | 41.65 1.88 -2.43 N | 86.04 0.74 -70.83 N | 91.43 3.61 -13.83 N | 105.95 3.18 -38.94 N | 192.74 -0.71 -206.65 N | 123.98 1.72 -88.15 N | 92.07 4.14 -1.87 N | 65.05 2.55 -10.20 N | 42.94 1.97 0.00 N | 38.93 1.73 0.00 N |
| BOC_GAS_DRP 24189 | 68.07 2.06 -18.98 N | 71.05 0.97 -46.69 N | 39.59 0.88 -17.79 N | 23.23 0.92 -0.46 N | 80.79 0.07 -79.21 N | 44.66 0.25 -38.52 N | 54.34 0.55 -40.72 N | 27.97 0.67 -11.53 N | 56.68 1.15 -28.43 N | 93.48 0.33 -85.35 N | 85.13 1.27 -55.09 N | 88.90 0.79 -70.12 N | 82.60 1.41 -48.53 N | 70.20 2.16 -18.07 N | 41.37 1.58 -2.45 N | 86.65 0.62 -71.56 N | 90.95 2.98 -13.97 N | 105.76 2.59 -39.34 N | 194.98 -0.59 -208.77 N | 124.59 1.42 -89.05 N | 91.37 3.42 -1.89 N | 64.73 2.12 -10.30 N | 42.61 1.65 0.00 N | 38.68 1.48 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 68.13 2.15 -18.96 N | 70.90 0.90 -46.63 N | 39.49 0.81 -17.76 N | 23.18 0.87 -0.46 N | 80.67 0.06 -79.09 N | 44.59 0.25 -38.46 N | 54.29 0.56 -40.66 N | 27.92 0.64 -11.52 N | 56.60 1.11 -28.39 N | 93.35 0.32 -85.23 N | 85.04 1.26 -55.01 N | 88.78 0.78 -70.02 N | 82.51 1.39 -48.46 N | 70.16 2.14 -18.05 N | 41.37 1.58 -2.45 N | 86.59 0.67 -71.45 N | 90.93 2.99 -13.95 N | 105.72 2.61 -39.28 N | 194.66 -0.60 -208.47 N | 124.47 1.43 -88.93 N | 91.40 3.46 -1.88 N | 64.76 2.16 -10.29 N | 42.60 1.64 0.00 N | 38.79 1.60 0.00 N |
| BOWLINE___1 23526 | 65.04 3.44 -14.58 N | 60.91 1.66 -35.87 N | 36.08 1.49 -13.67 N | 23.76 1.55 -0.36 N | 62.58 0.11 -60.96 N | 35.96 0.43 -29.64 N | 45.41 1.01 -31.34 N | 25.91 1.27 -8.88 N | 51.10 2.13 -21.88 N | 74.07 0.58 -65.68 N | 73.42 2.25 -42.39 N | 73.35 1.41 -53.96 N | 72.54 2.53 -37.35 N | 67.78 3.90 -13.91 N | 42.01 2.78 -1.89 N | 70.60 1.07 -55.07 N | 89.75 5.00 -10.75 N | 98.37 4.26 -30.27 N | 146.44 -1.02 -160.67 N | 105.07 2.43 -68.53 N | 93.53 6.01 -1.45 N | 63.95 3.72 -7.93 N | 43.95 2.98 0.00 N | 39.72 2.52 0.00 N |
| BOWLINE___2 23595 | 65.05 3.44 -14.58 N | 60.92 1.67 -35.87 N | 36.08 1.49 -13.67 N | 23.76 1.56 -0.36 N | 62.58 0.11 -60.96 N | 35.96 0.43 -29.64 N | 45.41 1.01 -31.34 N | 25.91 1.27 -8.88 N | 51.10 2.13 -21.88 N | 74.07 0.58 -65.68 N | 73.42 2.25 -42.39 N | 73.35 1.41 -53.96 N | 72.54 2.54 -37.35 N | 67.79 3.91 -13.91 N | 42.01 2.78 -1.89 N | 70.60 1.06 -55.07 N | 89.77 5.02 -10.75 N | 98.37 4.27 -30.27 N | 146.44 -1.02 -160.67 N | 105.08 2.43 -68.53 N | 93.53 6.01 -1.45 N | 63.96 3.73 -7.93 N | 43.95 2.98 0.00 N | 39.72 2.52 0.00 N |
| BROOKHAVEN___DRP 24191 | 72.25 5.34 -19.89 N | 71.22 2.75 -45.09 N | 41.48 2.46 -18.10 N | 24.75 2.54 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.38 1.58 -35.75 N | 66.14 1.96 -48.41 N | 70.99 3.23 -40.66 N | 75.80 0.71 -67.29 N | 75.01 2.80 -43.43 N | 75.06 1.79 -55.28 N | 74.42 3.50 -38.26 N | 72.95 5.84 -17.14 N | 72.45 4.43 -30.68 N | 79.39 1.62 -63.30 N | 103.95 7.61 -22.35 N | 108.44 6.36 -38.25 N | 150.09 -1.30 -164.60 N | 108.87 3.33 -71.43 N | 96.64 8.29 -2.29 N | 117.19 5.60 -59.29 N | 73.41 4.45 -27.99 N | 67.60 4.06 -26.34 N |
| BROOKLYN_NAVY_YARD 23515 | 66.08 4.08 -14.97 N | 62.19 1.99 -36.81 N | 36.72 1.77 -14.02 N | 24.05 1.83 -0.36 N | 64.10 0.13 -62.45 N | 36.75 0.50 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.01 2.49 -22.41 N | 75.79 0.70 -67.29 N | 74.87 2.66 -43.43 N | 74.95 1.68 -55.28 N | 73.98 3.06 -38.26 N | 68.96 4.74 -14.25 N | 114.10 3.36 -73.40 N | 111.96 1.24 -96.25 N | 100.36 5.60 -20.77 N | 99.55 4.71 -31.01 N | 150.29 -1.10 -164.60 N | 107.01 2.69 -70.21 N | 94.26 6.72 -1.49 N | 64.68 4.25 -8.12 N | 44.47 3.50 0.00 N | 40.15 2.96 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|---|---|
| BROOKLYN___ARMY_DRP 323595 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N | | |
| BURROWS___LYONSDAL 23803 | 46.08 -0.95 0.00 N | 22.88 -0.50 0.00 N | 20.46 -0.46 0.00 N | 21.36 -0.49 0.00 N | 1.48 -0.04 0.00 N | 5.76 -0.13 0.00 N | 12.76 -0.30 0.00 N | 15.46 -0.31 0.00 N | 26.61 -0.49 0.00 N | 7.68 -0.12 0.00 N | 28.34 -0.44 0.00 N | 17.72 -0.27 0.00 N | 32.17 -0.49 0.00 N | 49.25 -0.72 0.00 N | 36.82 -0.53 0.00 N | 14.28 -0.19 0.00 N | 73.35 -0.64 0.00 N | 63.51 -0.32 0.00 N | -13.15 0.07 0.00 N | 33.86 -0.25 0.00 N | 85.19 -0.87 0.00 N | 51.63 -0.68 0.00 N | 40.35 -0.61 0.00 N | 36.56 -0.63 0.00 N | | |
| CALPINE_BETH_PAGE_GT4 24209 | 71.97 5.05 -19.89 N | 71.01 2.54 -45.09 N | 41.31 2.28 -18.10 N | 24.58 2.36 -0.36 N | 64.13 0.17 -62.45 N | 36.90 0.64 -30.37 N | 50.28 1.47 -35.75 N | 66.01 1.83 -48.41 N | 70.82 3.05 -40.66 N | 75.81 0.72 -67.29 N | 75.06 2.85 -43.43 N | 75.08 1.81 -55.28 N | 74.36 3.45 -38.26 N | 72.63 5.52 -17.14 N | 72.16 4.13 -30.68 N | 79.28 1.51 -63.30 N | 103.47 7.13 -22.35 N | 108.14 6.07 -38.25 N | 150.07 -1.32 -164.60 N | 108.88 3.34 -71.43 N | 96.59 8.24 -2.29 N | 116.95 5.36 -59.29 N | 73.28 4.32 -27.99 N | 67.41 3.87 -26.34 N | | |
| CALPINE_BETH_PAGE_GT_4 323586 | 71.97 5.05 -19.89 N | 71.01 2.54 -45.09 N | 41.31 2.28 -18.10 N | 24.58 2.36 -0.36 N | 64.13 0.17 -62.45 N | 36.90 0.64 -30.37 N | 50.28 1.47 -35.75 N | 66.01 1.83 -48.41 N | 70.82 3.05 -40.66 N | 75.81 0.72 -67.29 N | 75.06 2.85 -43.43 N | 75.08 1.81 -55.28 N | 74.36 3.45 -38.26 N | 72.63 5.52 -17.14 N | 72.16 4.13 -30.68 N | 79.28 1.51 -63.30 N | 103.47 7.13 -22.35 N | 108.14 6.07 -38.25 N | 150.07 -1.32 -164.60 N | 108.88 3.34 -71.43 N | 96.59 8.24 -2.29 N | 116.95 5.36 -59.29 N | 73.28 4.32 -27.99 N | 67.41 3.87 -26.34 N | | |
| CALPINE_BP_GT1 23823 | 71.97 5.05 -19.89 N | 71.01 2.54 -45.09 N | 41.31 2.28 -18.10 N | 24.58 2.36 -0.36 N | 64.13 0.17 -62.45 N | 36.90 0.64 -30.37 N | 50.28 1.47 -35.75 N | 66.01 1.83 -48.41 N | 70.82 3.05 -40.66 N | 75.81 0.72 -67.29 N | 75.06 2.85 -43.43 N | 75.08 1.81 -55.28 N | 74.36 3.45 -38.26 N | 72.63 5.52 -17.14 N | 72.16 4.13 -30.68 N | 79.28 1.51 -63.30 N | 103.47 7.13 -22.35 N | 108.14 6.07 -38.25 N | 150.07 -1.32 -164.60 N | 108.88 3.34 -71.43 N | 96.59 8.24 -2.29 N | 116.95 5.36 -59.29 N | 73.28 4.32 -27.99 N | 67.41 3.87 -26.34 N | | |
| CALSPAN___DRP 24200 | 44.95 -4.42 -2.34 N | 26.98 -2.16 -5.75 N | 21.26 -1.82 -2.17 N | 19.90 -2.01 -0.05 N | 10.65 -0.16 -9.30 N | 9.85 -0.56 -4.52 N | 16.59 -1.25 -4.78 N | 15.57 -1.56 -1.35 N | 27.68 -2.75 -3.34 N | 17.00 -0.82 -10.02 N | 31.72 -3.52 -6.47 N | 24.06 -2.16 -8.23 N | 34.17 -4.18 -5.70 N | 45.68 -6.41 -2.12 N | 33.17 -4.47 -0.29 N | 21.06 -1.81 -8.40 N | 67.15 -8.48 -1.64 N | 62.35 -6.09 -4.62 N | 12.19 0.89 -24.51 N | 41.14 -3.43 -10.45 N | 75.98 -10.31 -0.22 N | 47.86 -5.66 -1.21 N | 37.32 -3.65 0.00 N | 34.08 -3.12 0.00 N | | |
| CARR STREET_E__SYR 24060 | 47.20 -1.03 -1.21 N | 25.83 -0.53 -2.98 N | 21.62 -0.43 -1.13 N | 21.41 -0.46 -0.03 N | 6.54 -0.03 -5.05 N | 8.22 -0.12 -2.46 N | 15.40 -0.26 -2.60 N | 16.21 -0.29 -0.73 N | 28.41 -0.51 -1.81 N | 13.11 -0.13 -5.44 N | 31.71 -0.57 -3.51 N | 22.10 -0.36 -4.47 N | 35.04 -0.71 -3.10 N | 50.03 -1.10 -1.15 N | 36.76 -0.74 -0.16 N | 18.74 -0.29 -4.56 N | 73.70 -1.18 -0.89 N | 65.60 -0.74 -2.51 N | 0.17 0.07 -13.31 N | 39.30 -0.49 -5.68 N | 84.46 -1.73 -0.12 N | 51.94 -1.02 -0.66 N | 40.18 -0.79 0.00 N | 36.45 -0.75 0.00 N | | |
| CARTHAGE___PAPER 23857 | 45.19 -2.30 -0.47 N | 23.36 -1.17 -1.15 N | 20.24 -1.12 -0.44 N | 20.66 -1.20 -0.01 N | 3.37 -0.10 -1.95 N | 6.51 -0.32 -0.95 N | 13.33 -0.73 -1.00 N | 15.28 -0.77 -0.28 N | 26.59 -1.21 -0.30 N | 9.60 -0.30 -2.10 N | 28.97 -1.17 -1.36 N | 19.00 -0.71 -1.73 N | 32.65 -1.21 -1.20 N | 48.70 -1.72 -0.45 N | 36.09 -1.31 -0.06 N | 15.75 -0.48 -1.76 N | 72.60 -1.74 -0.34 N | 63.68 -1.11 -0.97 N | -7.77 0.30 -5.14 N | 35.46 -0.84 -2.20 N | 83.69 -2.42 -0.05 N | 50.80 -1.76 -0.25 N | 39.43 -1.54 0.00 N | 35.67 -1.53 0.00 N | | |
| CE_DUNWOOD___DRP 24194 | 65.77 3.80 -14.94 N | 61.96 1.84 -36.75 N | 36.56 1.64 -14.00 N | 23.92 1.70 -0.36 N | 63.97 0.12 -62.33 N | 36.67 0.47 -30.31 N | 46.21 1.09 -32.05 N | 26.20 1.36 -9.08 N | 51.78 2.31 -22.37 N | 75.61 0.64 -67.17 N | 74.59 2.46 -43.35 N | 74.70 1.53 -55.18 N | 73.64 2.79 -38.19 N | 68.52 4.32 -14.22 N | 39.65 3.10 0.80 N | 70.44 1.18 -54.79 N | 90.15 5.54 -10.62 N | 99.48 4.69 -30.96 N | 150.00 -1.09 -164.29 N | 106.82 2.63 -70.08 N | 94.04 6.50 -1.48 N | 64.49 4.08 -8.11 N | 44.23 3.26 0.00 N | 39.97 2.78 0.00 N | | |
| CE_MILLWOOD___DRP 24193 | 65.56 3.65 -14.88 N | 61.76 1.77 -36.61 N | 36.44 1.57 -13.95 N | 23.85 1.63 -0.36 N | 63.74 0.12 -62.10 N | 36.54 0.46 -30.20 N | 46.04 1.05 -31.93 N | 26.12 1.31 -9.04 N | 51.61 2.22 -22.29 N | 75.33 0.62 -66.92 N | 74.33 2.36 -43.20 N | 74.44 1.48 -54.98 N | 73.39 2.68 -38.05 N | 68.28 4.14 -14.17 N | 39.89 2.97 0.41 N | 70.39 1.12 -54.80 N | 89.93 5.31 -10.64 N | 99.17 4.50 -30.84 N | 149.43 -1.05 -163.69 N | 106.46 2.53 -69.82 N | 93.82 6.28 -1.48 N | 64.30 3.92 -8.08 N | 44.10 3.13 0.00 N | 39.86 2.66 0.00 N | | |
| CE_NYC2_DRP 24202 | 66.33 4.34 -14.97 N | 62.32 2.13 -36.81 N | 36.82 1.87 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.00 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.10 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.51 -57.04 N | 102.92 1.31 -87.14 N | 98.44 5.90 -18.54 N | 99.84 4.99 -31.01 N | 150.23 -1.16 -164.60 N | 107.15 2.82 -70.21 N | 94.62 7.07 -1.49 N | 64.90 4.47 -8.12 N | 44.62 3.65 0.00 N | 40.27 3.07 0.00 N | | |
| CE_NYC_DRP 24195 | 66.25 4.29 -14.94 N | 62.20 2.07 -36.75 N | 36.77 1.84 -14.00 N | 24.12 1.91 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.38 1.52 -9.09 N | 52.10 2.59 -22.41 N | 75.82 0.72 -67.29 N | 75.00 2.79 -43.43 N | 75.01 1.74 -55.28 N | 74.09 3.17 -38.26 N | 69.12 4.90 -14.25 N | 117.57 3.51 -76.71 N | 113.89 1.32 -98.10 N | 101.29 6.07 -21.22 N | 99.98 5.14 -31.01 N | 150.21 -1.17 -164.60 N | 107.14 2.82 -70.21 N | 94.54 6.99 -1.49 N | 64.83 4.40 -8.12 N | 44.55 3.58 0.00 N | 40.23 3.04 0.00 N | | |
| CHAT_HIGH_FALL_HYD 323578 | 46.32 -0.70 0.00 N | 23.15 -0.23 0.00 N | 20.69 -0.23 0.00 N | 21.56 -0.29 0.00 N | 1.49 -0.02 0.00 N | 5.80 -0.09 0.00 N | 12.87 -0.19 0.00 N | 15.50 -0.27 0.00 N | 26.70 -0.40 0.00 N | 7.68 -0.12 0.00 N | 28.35 -0.42 0.00 N | 17.75 -0.23 0.00 N | 32.28 -0.38 0.00 N | 49.36 -0.61 0.00 N | 36.84 -0.50 0.00 N | 14.27 -0.20 0.00 N | 72.76 -1.23 0.00 N | 62.66 -1.17 0.00 N | -12.84 0.37 0.00 N | 33.47 -0.64 0.00 N | 84.81 -1.25 0.00 N | 51.48 -0.83 0.00 N | 40.39 -0.58 0.00 N | 36.81 -0.39 0.00 N | | |
| CH_MIDHUDSON___DRP | 66.50 | 64.05 | 37.31 | 23.87 | 67.64 | 38.43 | 48.04 | 26.67 | 52.99 | 79.54 | 77.04 | 77.89 | 75.75 | 69.13 | 42.34 | 75.22 | 91.01 | 101.24 | 159.71 | 110.91 | 93.97 | 64.83 | 44.10 | 39.88 | | |

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| 24192 | 3.65 -15.82 N | 1.76 -38.91 N | 1.57 -14.82 N | 1.64 -0.39 N | 0.12 -66.01 N | 0.45 -32.10 N | 1.04 -33.94 N | 1.29 -9.61 N | 2.20 -23.69 N | 0.61 -71.13 N | 2.36 -45.91 N | 1.47 -58.43 N | 2.65 -40.44 N | 4.10 -15.06 N | 2.95 -2.04 N | 1.12 -59.63 N | 5.37 -11.64 N | 4.63 -32.78 N | -1.06 -173.98 N | 2.58 -74.21 N | 6.33 -1.57 N | 3.95 -8.59 N | 3.13 0.00 N | 2.69 0.00 N |
| CH_MISC_IPPS 23765 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |
| CH_RES_BVR_FALLS 23983 | 45.29 -0.99 0.74 N | 21.05 -0.51 1.83 N | 19.77 -0.46 0.70 N | 21.35 -0.48 0.02 N | -1.62 -0.04 3.10 N | 4.26 -0.12 1.51 N | 11.21 -0.26 1.59 N | 14.96 -0.36 0.45 N | 25.37 -0.61 1.11 N | 4.28 -0.18 3.34 N | 26.07 -0.55 2.16 N | 14.92 -0.32 2.74 N | 30.29 -0.47 1.90 N | 48.61 -0.65 0.71 N | 36.82 -0.43 0.10 N | 11.51 -0.16 2.80 N | 72.33 -1.11 0.55 N | 61.40 -0.89 1.54 N | -21.16 0.22 8.17 N | 30.29 -0.33 3.49 N | 85.38 -0.62 0.07 N | 51.49 -0.41 0.40 N | 40.64 -0.33 0.00 N | 36.91 -0.28 0.00 N |
| CH_RES_NIAGARA 23895 | 44.14 -5.03 -2.15 N | 26.20 -2.46 -5.28 N | 20.84 -2.08 -1.99 N | 19.62 -2.28 -0.05 N | 9.93 -0.20 -8.61 N | 9.43 -0.64 -4.19 N | 16.03 -1.46 -4.43 N | 15.22 -1.80 -1.25 N | 26.98 -3.21 -3.09 N | 16.11 -0.96 -9.28 N | 30.68 -4.08 -5.99 N | 23.14 -2.47 -7.62 N | 33.17 -4.76 -5.28 N | 44.63 -7.30 -1.96 N | 32.47 -5.14 -0.27 N | 20.19 -2.06 -7.78 N | 65.63 -9.88 -1.52 N | 60.82 -7.28 -4.27 N | 10.57 1.08 -22.69 N | 39.78 -4.01 -9.68 N | 74.50 -11.77 -0.20 N | 46.86 -6.57 -1.12 N | 36.78 -4.18 0.00 N | 33.63 -3.57 0.00 N |
| CH_RES_SYRACUSE 23985 | 47.55 -0.85 -1.38 N | 26.33 -0.43 -3.38 N | 21.86 -0.35 -1.29 N | 21.51 -0.38 -0.03 N | 7.23 -0.03 -5.74 N | 8.57 -0.10 -2.79 N | 15.81 -0.21 -2.95 N | 16.38 -0.22 -0.84 N | 28.77 -0.39 -2.06 N | 13.89 -0.09 -6.18 N | 32.36 -0.41 -3.99 N | 22.81 -0.26 -5.08 N | 35.65 -0.52 -3.52 N | 50.47 -0.81 -1.31 N | 36.99 -0.53 -0.18 N | 19.45 -0.21 -5.19 N | 74.41 -0.60 -1.01 N | 66.44 -0.24 -2.85 N | 1.89 -0.03 -15.13 N | 40.32 -0.24 -6.45 N | 85.09 -1.11 -0.14 N | 52.38 -0.67 -0.75 N | 40.40 -0.56 0.00 N | 36.61 -0.58 0.00 N |
| COLONIE_LFGE____ 323577 | 68.35 2.29 -19.04 N | 71.21 1.00 -46.83 N | 39.64 0.88 -17.84 N | 23.25 0.94 -0.46 N | 81.02 0.07 -79.44 N | 44.78 0.26 -38.63 N | 54.50 0.60 -40.84 N | 28.06 0.72 -11.57 N | 56.88 1.27 -28.51 N | 93.77 0.37 -85.60 N | 85.48 1.46 -55.25 N | 89.22 0.91 -70.32 N | 82.95 1.61 -48.67 N | 70.55 2.45 -18.12 N | 41.60 1.80 -2.46 N | 86.97 0.73 -71.76 N | 91.65 3.65 -14.01 N | 106.50 3.22 -39.45 N | 195.45 -0.72 -209.38 N | 125.14 1.72 -89.31 N | 92.08 4.13 -1.89 N | 65.16 2.52 -10.33 N | 42.85 1.88 0.00 N | 38.89 1.69 0.00 N |
| CORNELL____ 23752 | 47.56 -2.22 -2.75 N | 29.17 -0.98 -6.77 N | 23.06 -0.44 -2.58 N | 21.48 -0.44 -0.07 N | 12.97 -0.03 -11.48 N | 11.37 -0.10 -5.58 N | 18.79 -0.17 -5.90 N | 17.29 -0.14 -1.67 N | 30.64 -0.58 -4.12 N | 20.16 -0.02 -12.37 N | 36.31 -0.45 -7.98 N | 27.59 -0.56 -10.16 N | 38.48 -1.21 -7.03 N | 50.71 -1.88 -2.62 N | 36.41 -1.29 -0.36 N | 24.47 -0.37 -10.37 N | 75.33 -0.68 -2.03 N | 68.89 -0.64 -5.70 N | 16.81 -0.23 -30.26 N | 46.56 -0.46 -12.91 N | 83.64 -2.69 -0.27 N | 52.13 -1.67 -1.49 N | 39.40 -1.57 0.00 N | 35.73 -1.46 0.00 N |
| COXSACKIE____GT 23611 | 67.69 3.93 -16.73 N | 66.39 1.87 -41.15 N | 38.25 1.65 -15.68 N | 23.98 1.72 -0.41 N | 71.55 0.12 -69.91 N | 40.35 0.47 -33.99 N | 50.08 1.08 -35.94 N | 27.28 1.34 -10.18 N | 54.53 2.34 -25.09 N | 83.81 0.68 -75.33 N | 79.99 2.59 -48.62 N | 81.50 1.62 -61.89 N | 78.40 2.91 -42.84 N | 70.40 4.47 -15.95 N | 42.77 3.26 -2.16 N | 78.88 1.25 -63.16 N | 92.93 6.61 -12.33 N | 104.39 5.84 -34.72 N | 169.77 -1.28 -184.26 N | 115.86 3.15 -78.60 N | 95.34 7.61 -1.67 N | 66.00 4.61 -9.09 N | 44.46 3.49 0.00 N | 40.16 2.96 0.00 N |
| CRESCENT____HYD 24018 | 68.35 2.29 -19.04 N | 71.21 1.00 -46.83 N | 39.64 0.88 -17.84 N | 23.25 0.94 -0.46 N | 81.02 0.07 -79.44 N | 44.78 0.26 -38.63 N | 54.50 0.60 -40.84 N | 28.06 0.72 -11.57 N | 56.88 1.27 -28.51 N | 93.77 0.37 -85.60 N | 85.48 1.46 -55.25 N | 89.22 0.91 -70.32 N | 82.95 1.61 -48.67 N | 70.55 2.45 -18.12 N | 41.60 1.80 -2.46 N | 86.97 0.73 -71.76 N | 91.65 3.65 -14.01 N | 106.50 3.22 -39.45 N | 195.45 -0.72 -209.38 N | 125.14 1.72 -89.31 N | 92.08 4.13 -1.89 N | 65.16 2.52 -10.33 N | 42.85 1.88 0.00 N | 38.89 1.69 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 47.55 -0.85 -1.38 N | 26.33 -0.43 -3.38 N | 21.86 -0.35 -1.29 N | 21.51 -0.38 -0.03 N | 7.23 -0.03 -5.74 N | 8.57 -0.10 -2.79 N | 15.81 -0.21 -2.95 N | 16.38 -0.22 -0.84 N | 28.77 -0.39 -2.06 N | 13.89 -0.09 -6.18 N | 32.36 -0.41 -3.99 N | 22.81 -0.26 -5.08 N | 35.65 -0.52 -3.52 N | 50.47 -0.81 -1.31 N | 36.99 -0.53 -0.18 N | 19.45 -0.21 -5.19 N | 74.41 -0.60 -1.01 N | 66.44 -0.24 -2.85 N | 1.89 -0.03 -15.13 N | 40.32 -0.24 -6.45 N | 85.09 -1.11 -0.14 N | 52.38 -0.67 -0.75 N | 40.40 -0.56 0.00 N | 36.61 -0.58 0.00 N |
| DANSKAMMER____1 23586 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |
| DANSKAMMER____2 23589 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |
| DANSKAMMER____3 23590 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |
| DANSKAMMER____4 23591 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |

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| DANSKAMMER___DIESEL 23592 | 65.65 3.38 -15.24 N | 62.51 1.64 -37.49 N | 36.67 1.46 -14.28 N | 23.78 1.56 -0.37 N | 65.23 0.12 -63.60 N | 37.24 0.43 -30.92 N | 46.75 0.99 -32.70 N | 26.28 1.25 -9.26 N | 52.02 2.09 -22.82 N | 76.91 0.58 -68.53 N | 75.23 2.22 -44.23 N | 75.67 1.39 -56.30 N | 74.14 2.51 -38.97 N | 68.35 3.87 -14.51 N | 42.08 2.77 -1.97 N | 72.97 1.05 -57.45 N | 90.29 5.08 -11.22 N | 99.80 4.39 -31.58 N | 153.39 -1.02 -167.62 N | 108.07 2.45 -71.50 N | 93.60 6.03 -1.51 N | 64.32 3.74 -8.27 N | 43.93 2.96 0.00 N | 39.70 2.50 0.00 N |
| DASHVILLE___HYD 23610 | 66.07 3.64 -15.41 N | 63.06 1.78 -37.90 N | 36.95 1.59 -14.44 N | 23.90 1.67 -0.37 N | 65.92 0.12 -64.28 N | 37.61 0.46 -31.26 N | 47.17 1.06 -33.05 N | 26.45 1.33 -9.36 N | 52.42 2.24 -23.07 N | 77.70 0.63 -69.27 N | 75.89 2.40 -44.71 N | 76.39 1.49 -56.91 N | 74.75 2.70 -39.39 N | 68.82 4.18 -14.67 N | 42.32 2.99 -1.99 N | 73.68 1.14 -58.08 N | 90.75 5.42 -11.34 N | 100.45 4.69 -31.93 N | 155.14 -1.09 -169.44 N | 109.03 2.64 -72.28 N | 94.17 6.58 -1.53 N | 64.74 4.08 -8.36 N | 44.19 3.22 0.00 N | 39.91 2.72 0.00 N |
| DOGLEVILLE___HYD 23807 | 49.90 3.24 0.36 N | 24.02 1.52 0.88 N | 21.91 1.33 0.33 N | 23.28 1.43 0.01 N | 0.14 0.11 1.49 N | 5.55 0.39 0.73 N | 13.20 0.90 0.77 N | 16.64 1.09 0.22 N | 28.45 1.89 0.54 N | 6.75 0.55 1.61 N | 29.84 2.10 1.04 N | 18.00 1.33 1.32 N | 34.04 2.30 0.92 N | 53.13 3.50 0.34 N | 39.91 2.62 0.05 N | 14.15 1.03 1.35 N | 79.04 5.31 0.26 N | 67.83 4.74 0.74 N | -18.21 -1.07 3.93 N | 34.91 2.47 1.68 N | 92.11 6.09 0.04 N | 55.91 3.80 0.19 N | 43.61 2.64 0.00 N | 39.43 2.24 0.00 N |
| DUNKIRK___1 23563 | 44.08 -5.42 -2.48 N | 26.88 -2.59 -6.09 N | 20.94 -2.23 -2.26 N | 19.41 -2.49 -0.05 N | 10.50 -0.20 -9.18 N | 9.66 -0.69 -4.47 N | 16.23 -1.56 -4.72 N | 15.20 -1.91 -1.34 N | 26.96 -3.44 -3.30 N | 16.67 -1.03 -9.90 N | 30.80 -4.37 -6.39 N | 23.41 -2.71 -8.13 N | 33.11 -5.17 -5.63 N | 44.14 -7.92 -2.09 N | 32.03 -5.60 -0.28 N | 20.52 -2.25 -8.30 N | 65.04 -10.57 -1.62 N | 60.49 -7.90 -4.56 N | 12.23 1.23 -24.20 N | 40.04 -4.39 -10.32 N | 73.63 -12.65 -0.22 N | 46.53 -6.97 -1.19 N | 36.32 -4.64 0.00 N | 33.13 -4.06 0.00 N |
| DUNKIRK___2 23564 | 44.08 -5.42 -2.48 N | 26.88 -2.59 -6.09 N | 20.94 -2.23 -2.26 N | 19.41 -2.49 -0.05 N | 10.50 -0.20 -9.18 N | 9.66 -0.69 -4.47 N | 16.23 -1.56 -4.72 N | 15.20 -1.91 -1.34 N | 26.96 -3.44 -3.30 N | 16.67 -1.03 -9.90 N | 30.80 -4.37 -6.39 N | 23.41 -2.71 -8.13 N | 33.11 -5.17 -5.63 N | 44.14 -7.92 -2.09 N | 32.03 -5.60 -0.28 N | 20.52 -2.25 -8.30 N | 65.04 -10.57 -1.62 N | 60.49 -7.90 -4.56 N | 12.23 1.23 -24.20 N | 40.04 -4.39 -10.32 N | 73.63 -12.65 -0.22 N | 46.53 -6.97 -1.19 N | 36.32 -4.64 0.00 N | 33.13 -4.06 0.00 N |
| DUNKIRK___3 23565 | 44.27 -5.12 -2.37 N | 26.75 -2.45 -5.82 N | 20.99 -2.10 -2.17 N | 19.56 -2.34 -0.05 N | 10.40 -0.19 -9.07 N | 9.65 -0.65 -4.41 N | 16.27 -1.46 -4.66 N | 15.29 -1.80 -1.32 N | 27.13 -3.23 -3.26 N | 16.61 -0.96 -9.77 N | 30.98 -4.10 -6.31 N | 23.47 -2.54 -8.03 N | 33.35 -4.87 -5.56 N | 44.59 -7.45 -2.07 N | 32.37 -5.25 -0.28 N | 20.56 -2.11 -8.19 N | 65.68 -9.91 -1.60 N | 60.99 -7.35 -4.50 N | 11.82 1.13 -23.90 N | 40.22 -4.09 -10.20 N | 74.36 -11.92 -0.22 N | 46.92 -6.56 -1.18 N | 36.62 -4.35 0.00 N | 33.41 -3.79 0.00 N |
| DUNKIRK___4 23566 | 44.27 -5.12 -2.37 N | 26.75 -2.45 -5.82 N | 20.99 -2.10 -2.17 N | 19.56 -2.34 -0.05 N | 10.40 -0.19 -9.07 N | 9.65 -0.65 -4.41 N | 16.27 -1.46 -4.66 N | 15.29 -1.80 -1.32 N | 27.13 -3.23 -3.26 N | 16.61 -0.96 -9.77 N | 30.98 -4.10 -6.31 N | 23.47 -2.54 -8.03 N | 33.35 -4.87 -5.56 N | 44.59 -7.45 -2.07 N | 32.37 -5.25 -0.28 N | 20.56 -2.11 -8.19 N | 65.68 -9.91 -1.60 N | 60.99 -7.35 -4.50 N | 11.82 1.13 -23.90 N | 40.22 -4.09 -10.20 N | 74.36 -11.92 -0.22 N | 46.92 -6.56 -1.18 N | 36.62 -4.35 0.00 N | 33.41 -3.79 0.00 N |
| EAST HAMPTON___GT 23717 | 73.64 6.72 -19.89 N | 71.86 3.38 -45.09 N | 42.03 3.00 -18.10 N | 25.33 3.11 -0.36 N | 64.19 0.23 -62.45 N | 37.11 0.85 -30.37 N | 50.75 1.94 -35.75 N | 66.59 2.41 -48.41 N | 71.81 4.04 -40.66 N | 76.04 0.95 -67.29 N | 75.93 3.72 -43.43 N | 75.65 2.38 -55.28 N | 75.48 4.56 -38.26 N | 74.58 7.47 -17.14 N | 73.68 5.66 -30.68 N | 79.86 2.09 -63.30 N | 106.78 10.44 -22.35 N | 111.02 8.95 -38.25 N | 149.56 -1.83 -164.60 N | 110.22 4.68 -71.43 N | 99.94 11.58 -2.29 N | 119.13 7.53 -59.29 N | 74.79 5.83 -27.99 N | 68.74 5.20 -26.34 N |
| EAST RIVER___6 23660 | 66.34 4.35 -14.97 N | 62.30 2.11 -36.81 N | 36.81 1.87 -14.02 N | 24.13 1.92 -0.36 N | 64.10 0.13 -62.45 N | 36.78 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.13 2.62 -22.41 N | 75.82 0.73 -67.29 N | 75.03 2.82 -43.43 N | 75.03 1.77 -55.28 N | 74.15 3.22 -38.26 N | 69.25 5.02 -14.25 N | 114.34 3.60 -73.40 N | 112.07 1.35 -96.25 N | 101.00 6.24 -20.77 N | 100.09 5.24 -31.01 N | 150.19 -1.20 -164.60 N | 107.19 2.87 -70.21 N | 94.62 7.07 -1.49 N | 64.88 4.45 -8.12 N | 44.58 3.62 0.00 N | 40.26 3.06 0.00 N |
| EAST RIVER___7 23524 | 66.34 4.35 -14.97 N | 62.30 2.11 -36.81 N | 36.81 1.87 -14.02 N | 24.13 1.92 -0.36 N | 64.10 0.13 -62.45 N | 36.78 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.13 2.62 -22.41 N | 75.82 0.73 -67.29 N | 75.03 2.82 -43.43 N | 75.03 1.77 -55.28 N | 74.15 3.22 -38.26 N | 69.25 5.02 -14.25 N | 114.34 3.60 -73.40 N | 112.07 1.35 -96.25 N | 101.00 6.24 -20.77 N | 100.09 5.24 -31.01 N | 150.19 -1.20 -164.60 N | 107.19 2.87 -70.21 N | 94.62 7.07 -1.49 N | 64.88 4.45 -8.12 N | 44.58 3.62 0.00 N | 40.26 3.06 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 73.64 6.72 -19.89 N | 71.86 3.38 -45.09 N | 42.03 3.00 -18.10 N | 25.33 3.11 -0.36 N | 64.19 0.23 -62.45 N | 37.11 0.85 -30.37 N | 50.75 1.94 -35.75 N | 66.59 2.41 -48.41 N | 71.81 4.04 -40.66 N | 76.04 0.95 -67.29 N | 75.93 3.72 -43.43 N | 75.65 2.38 -55.28 N | 75.48 4.56 -38.26 N | 74.58 7.47 -17.14 N | 73.68 5.66 -30.68 N | 79.86 2.09 -63.30 N | 106.78 10.44 -22.35 N | 111.02 8.95 -38.25 N | 149.56 -1.83 -164.60 N | 110.22 4.68 -71.43 N | 99.94 11.58 -2.29 N | 119.13 7.53 -59.29 N | 74.79 5.83 -27.99 N | 68.74 5.20 -26.34 N |
| EAST_RIVER___1 323558 | 66.25 4.29 -14.94 N | 62.20 2.07 -36.75 N | 36.77 1.84 -14.00 N | 24.12 1.91 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.38 1.52 -9.09 N | 52.10 2.59 -22.41 N | 75.82 0.72 -67.29 N | 75.00 2.79 -43.43 N | 75.01 1.74 -55.28 N | 74.09 3.17 -38.26 N | 69.12 4.90 -14.25 N | 117.57 3.51 -76.71 N | 113.89 1.32 -98.10 N | 101.29 6.07 -21.22 N | 99.98 5.14 -31.01 N | 150.21 -1.17 -164.60 N | 107.14 2.82 -70.21 N | 94.54 6.99 -1.49 N | 64.83 4.40 -8.12 N | 44.55 3.58 0.00 N | 40.23 3.04 0.00 N |
| EAST_RIVER___2 323559 | 66.34 4.35 -14.97 N | 62.30 2.11 -36.81 N | 36.81 1.87 -14.02 N | 24.13 1.92 -0.36 N | 64.10 0.13 -62.45 N | 36.78 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.13 2.62 -22.41 N | 75.82 0.73 -67.29 N | 75.03 2.82 -43.43 N | 75.03 1.77 -55.28 N | 74.15 3.22 -38.26 N | 69.25 5.02 -14.25 N | 114.34 3.60 -73.40 N | 112.07 1.35 -96.25 N | 101.00 6.24 -20.77 N | 100.09 5.24 -31.01 N | 150.19 -1.20 -164.60 N | 107.19 2.87 -70.21 N | 94.62 7.07 -1.49 N | 64.88 4.45 -8.12 N | 44.58 3.62 0.00 N | 40.26 3.06 0.00 N |
| ELEC_TRO_TEK 24086 | 71.49 4.58 -19.89 N | 70.74 2.27 -45.09 N | 41.05 2.02 -18.10 N | 24.30 2.08 -0.36 N | 64.11 0.14 -62.45 N | 36.83 0.58 -30.37 N | 50.12 1.31 -35.75 N | 65.82 1.63 -48.41 N | 70.49 2.73 -40.66 N | 75.76 0.67 -67.29 N | 74.87 2.66 -43.43 N | 74.95 1.68 -55.28 N | 74.09 3.17 -38.26 N | 72.20 5.09 -17.14 N | 71.78 3.76 -30.68 N | 79.16 1.39 -63.30 N | 102.81 6.47 -22.35 N | 107.55 5.47 -38.25 N | 150.16 -1.24 -164.60 N | 108.63 3.09 -71.43 N | 95.97 7.62 -2.29 N | 116.52 4.93 -59.29 N | 72.87 3.92 -27.99 N | 66.97 3.43 -26.34 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 |
| E_CANADA_CAP_HY 24051 | 71.77 0.67 -24.07 N | 82.88 0.29 -59.22 N | 43.73 0.26 -22.55 N | 22.65 0.21 -0.59 N | 101.97 0.01 -100.45 N | 54.81 0.08 -48.84 N | 64.86 0.16 -51.64 N | 30.67 0.28 -14.62 N | 63.77 0.63 -36.05 N | 116.25 0.21 -108.24 N | 99.44 0.81 -69.86 N | 107.38 0.47 -88.92 N | 95.14 0.94 -61.54 N | 74.28 1.39 -22.92 N | 41.48 1.03 -3.11 N | 105.58 0.37 -90.74 N | 94.73 3.02 -17.72 N | 116.53 2.81 -49.88 N | 251.01 -0.53 -264.75 N | 148.39 1.34 -112.93 N | 91.34 2.89 -2.39 N | 66.85 1.49 -13.06 N | 42.11 1.14 0.00 N | 38.03 0.83 0.00 N | | |
| E_CANADA_MHWK_HY 24050 | 49.90 3.24 0.36 N | 24.02 1.52 0.88 N | 21.91 1.33 0.33 N | 23.28 1.43 0.01 N | 0.14 0.11 1.49 N | 5.55 0.39 0.73 N | 13.20 0.90 0.77 N | 16.64 1.09 0.22 N | 28.45 1.89 0.54 N | 6.75 0.55 1.61 N | 29.84 2.10 1.04 N | 18.00 1.33 1.32 N | 34.04 2.30 0.92 N | 53.13 3.50 0.34 N | 39.91 2.62 0.05 N | 14.15 1.03 1.35 N | 79.04 5.31 0.26 N | 67.83 4.74 0.74 N | -18.21 -1.07 3.93 N | 34.91 2.47 1.68 N | 92.11 6.09 0.04 N | 55.91 3.80 0.19 N | 43.61 2.64 0.00 N | 39.43 2.24 0.00 N | | |
| E_FISHKILL___LBMP 23776 | 65.72 3.51 -15.19 N | 62.43 1.69 -37.36 N | 36.66 1.51 -14.23 N | 23.79 1.57 -0.37 N | 64.99 0.11 -63.37 N | 37.14 0.43 -30.81 N | 46.64 1.00 -32.58 N | 26.24 1.24 -9.23 N | 51.95 2.10 -22.74 N | 76.66 0.58 -68.28 N | 75.09 2.25 -44.07 N | 75.49 1.41 -56.10 N | 74.03 2.55 -38.83 N | 68.37 3.94 -14.46 N | 42.14 2.83 -1.96 N | 72.80 1.08 -57.25 N | 90.25 5.08 -11.18 N | 99.63 4.33 -31.47 N | 152.81 -1.00 -167.02 N | 107.78 2.42 -71.24 N | 93.56 5.98 -1.51 N | 64.29 3.75 -8.24 N | 43.95 2.99 0.00 N | 39.75 2.56 0.00 N | | |
| FAR ROCKAWAY___4 23548 | 72.49 5.58 -19.89 N | 71.19 2.71 -45.09 N | 41.42 2.39 -18.10 N | 24.68 2.46 -0.36 N | 64.14 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.36 1.55 -35.75 N | 66.11 1.93 -48.41 N | 71.02 3.26 -40.66 N | 75.91 0.82 -67.29 N | 75.48 3.28 -43.43 N | 75.31 2.04 -55.28 N | 74.75 3.83 -38.26 N | 73.18 6.07 -17.14 N | 72.55 4.53 -30.68 N | 79.49 1.72 -63.30 N | 103.65 7.31 -22.35 N | 108.54 6.47 -38.25 N | 149.86 -1.53 -164.60 N | 109.34 3.80 -71.43 N | 97.72 9.37 -2.29 N | 117.68 6.09 -59.29 N | 73.93 4.98 -27.99 N | 67.79 4.25 -26.34 N | | |
| FARRAGUT___LBMP 323566 | 66.22 4.22 -14.97 N | 62.24 2.05 -36.81 N | 36.76 1.82 -14.02 N | 24.09 1.88 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.37 1.20 -32.11 N | 26.36 1.50 -9.09 N | 52.06 2.55 -22.41 N | 75.80 0.71 -67.29 N | 74.95 2.74 -43.43 N | 74.98 1.71 -55.28 N | 74.05 3.13 -38.26 N | 69.06 4.84 -14.25 N | 114.20 3.46 -73.40 N | 112.03 1.31 -96.25 N | 100.71 5.95 -20.77 N | 99.87 5.03 -31.01 N | 150.23 -1.16 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.93 -1.49 N | 64.79 4.36 -8.12 N | 44.52 3.56 0.00 N | 40.21 3.01 0.00 N | | |
| FENNER___WINDPWR 24204 | 47.42 -0.32 -0.71 N | 24.96 -0.18 -1.76 N | 21.51 -0.09 -0.67 N | 21.77 -0.10 -0.02 N | 4.50 0.00 -2.99 N | 7.32 -0.02 -1.45 N | 14.57 -0.03 -1.53 N | 16.23 0.03 -0.43 N | 28.19 0.02 -1.07 N | 11.06 0.04 -3.22 N | 30.94 0.09 -2.08 N | 20.64 0.01 -2.64 N | 34.45 -0.04 -1.83 N | 50.57 -0.08 -0.68 N | 37.48 0.05 -0.09 N | 17.22 0.06 -2.70 N | 75.35 0.83 -0.53 N | 66.23 0.92 -1.48 N | -5.62 -0.28 -7.87 N | 37.85 0.38 -3.36 N | 86.55 0.41 -0.07 N | 52.88 0.18 -0.39 N | 40.98 0.01 0.00 N | 37.11 -0.09 0.00 N | | |
| FIBERTEK___ENERGY 23856 | 47.55 -0.85 -1.38 N | 26.33 -0.43 -3.38 N | 21.86 -0.35 -1.29 N | 21.51 -0.38 -0.03 N | 7.23 -0.03 -5.74 N | 8.57 -0.10 -2.79 N | 15.81 -0.21 -2.95 N | 16.38 -0.22 -0.84 N | 28.77 -0.39 -2.06 N | 13.89 -0.09 -6.18 N | 32.36 -0.41 -3.99 N | 22.81 -0.26 -5.08 N | 35.65 -0.52 -3.52 N | 50.47 -0.81 -1.31 N | 36.99 -0.53 -0.18 N | 19.45 -0.21 -5.19 N | 74.41 -0.60 -1.01 N | 66.44 -0.24 -2.85 N | 1.89 -0.03 -15.13 N | 40.32 -0.24 -6.45 N | 85.09 -1.11 -0.14 N | 52.38 -0.67 -0.75 N | 40.40 -0.56 0.00 N | 36.61 -0.58 0.00 N | | |
| FITZPATRICK____ 23598 | 46.22 -1.68 -0.88 N | 24.70 -0.85 -2.17 N | 21.02 -0.73 -0.82 N | 21.10 -0.77 -0.02 N | 5.14 -0.05 -3.67 N | 7.46 -0.21 -1.79 N | 14.49 -0.46 -1.89 N | 15.76 -0.54 -0.53 N | 27.48 -0.94 -1.32 N | 11.49 -0.27 -3.96 N | 30.29 -1.04 -2.55 N | 20.59 -0.65 -3.25 N | 33.70 -1.21 -2.25 N | 48.96 -1.85 -0.84 N | 36.11 -1.34 -0.11 N | 17.26 -0.52 -3.32 N | 72.18 -2.46 -0.65 N | 63.72 -1.93 -1.82 N | -3.19 0.33 -9.68 N | 37.16 -1.08 -4.13 N | 83.09 -3.06 -0.09 N | 50.96 -1.82 -0.48 N | 39.58 -1.39 0.00 N | 35.91 -1.28 0.00 N | | |
| FORT ORANGE____ 23900 | 68.38 2.69 -18.65 N | 70.51 1.25 -45.88 N | 39.51 1.11 -17.48 N | 23.47 1.17 -0.45 N | 79.43 0.08 -77.83 N | 44.06 0.32 -37.85 N | 53.81 0.73 -40.02 N | 27.99 0.89 -11.33 N | 56.59 1.55 -27.93 N | 92.11 0.45 -83.87 N | 84.63 1.72 -54.13 N | 87.95 1.06 -68.90 N | 82.21 1.87 -47.69 N | 70.44 2.71 -17.76 N | 41.59 1.84 -2.41 N | 85.51 0.73 -70.31 N | 91.32 3.60 -13.73 N | 105.64 3.16 -38.65 N | 191.22 -0.71 -205.14 N | 123.31 1.69 -87.51 N | 92.00 4.09 -1.85 N | 64.93 2.50 -10.12 N | 43.04 2.07 0.00 N | 39.18 1.98 0.00 N | | |
| FORT_DRUM_COGEN 23780 | 44.94 -2.61 -0.52 N | 23.33 -1.34 -1.29 N | 20.15 -1.26 -0.49 N | 20.51 -1.36 -0.01 N | 3.59 -0.11 -2.18 N | 6.59 -0.36 -1.06 N | 13.37 -0.82 -1.12 N | 15.22 -0.87 -0.32 N | 26.52 -1.36 -0.78 N | 9.81 -0.33 -2.35 N | 28.98 -1.32 -1.52 N | 19.11 -0.81 -1.93 N | 32.64 -1.36 -1.34 N | 48.55 -1.92 -0.50 N | 35.95 -1.46 -0.07 N | 15.90 -0.54 -1.97 N | 72.43 -1.95 -0.38 N | 63.69 -1.22 -1.08 N | -7.15 0.31 -5.75 N | 35.64 -0.93 -2.45 N | 83.43 -2.68 -0.05 N | 50.65 -1.94 -0.29 N | 39.25 -1.72 0.00 N | 35.46 -1.74 0.00 N | | |
| FPL FAR_ROCK_GT1 24212 | 72.49 5.58 -19.89 N | 71.19 2.71 -45.09 N | 41.42 2.39 -18.10 N | 24.68 2.46 -0.36 N | 64.14 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.36 1.55 -35.75 N | 66.11 1.93 -48.41 N | 71.02 3.26 -40.66 N | 75.91 0.82 -67.29 N | 75.48 3.28 -43.43 N | 75.31 2.04 -55.28 N | 74.75 3.83 -38.26 N | 73.18 6.07 -17.14 N | 72.55 4.53 -30.68 N | 79.49 1.72 -63.30 N | 103.65 7.31 -22.35 N | 108.54 6.47 -38.25 N | 149.86 -1.53 -164.60 N | 109.34 3.80 -71.43 N | 97.72 9.37 -2.29 N | 117.68 6.09 -59.29 N | 73.93 4.98 -27.99 N | 67.79 4.25 -26.34 N | | |
| FPL FAR_ROCK_GT2 23815 | 72.49 5.58 -19.89 N | 71.19 2.71 -45.09 N | 41.42 2.39 -18.10 N | 24.68 2.46 -0.36 N | 64.14 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.36 1.55 -35.75 N | 66.11 1.93 -48.41 N | 71.02 3.26 -40.66 N | 75.91 0.82 -67.29 N | 75.48 3.28 -43.43 N | 75.31 2.04 -55.28 N | 74.75 3.83 -38.26 N | 73.18 6.07 -17.14 N | 72.55 4.53 -30.68 N | 79.49 1.72 -63.30 N | 103.65 7.31 -22.35 N | 108.54 6.47 -38.25 N | 149.86 -1.53 -164.60 N | 109.34 3.80 -71.43 N | 97.72 9.37 -2.29 N | 117.68 6.09 -59.29 N | 73.93 4.98 -27.99 N | 67.79 4.25 -26.34 N | | |
| FRANKLIN_FALL_HYD 24054 | 47.51 0.48 0.00 N | 23.70 0.32 0.00 N | 21.16 0.24 0.00 N | 22.07 0.22 0.00 N | 1.53 0.02 0.00 N | 5.94 0.06 0.00 N | 13.18 0.12 0.00 N | 15.91 0.14 0.00 N | 27.46 0.36 0.00 N | 7.91 0.12 0.00 N | 29.22 0.44 0.00 N | 18.26 0.27 0.00 N | 33.18 0.52 0.00 N | 50.71 0.74 0.00 N | 37.80 0.46 0.00 N | 14.64 0.18 0.00 N | 74.78 0.79 0.00 N | 64.50 0.67 0.00 N | -13.19 0.02 0.00 N | 34.37 0.26 0.00 N | 87.04 0.98 0.00 N | 52.81 0.51 0.00 N | 41.44 0.47 0.00 N | 37.68 0.48 0.00 N | | |
| FREEPORT_EQUS_GT1 | 72.21 | 71.10 | 41.37 | 24.65 | 64.14 | 36.92 | 50.33 | 66.07 | 70.94 | 75.87 | 75.27 | 75.20 | 74.56 | 72.77 | 72.23 | 79.33 | 103.78 | 108.45 | 149.99 | 109.05 | 97.02 | 117.23 | 73.52 | 67.58 | | |

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| 23764 | 5.29 -19.89 N | 2.62 -45.09 N | 2.35 -18.10 N | 2.43 -0.36 N | 0.18 -62.45 N | 0.66 -30.37 N | 1.52 -35.75 N | 1.89 -48.41 N | 3.18 -40.66 N | 0.78 -67.29 N | 3.06 -43.43 N | 1.93 -55.28 N | 3.64 -38.26 N | 5.66 -17.14 N | 4.21 -30.68 N | 1.56 -63.30 N | 7.44 -22.35 N | 6.38 -38.25 N | -1.40 -164.60 N | 3.51 -71.43 N | 8.67 -2.29 N | 5.63 -59.29 N | 4.57 -27.99 N | 4.04 -26.34 N |
| FULTON COGEN____ 23766 | 46.78 -1.35 -1.10 N | 25.40 -0.69 -2.71 N | 21.36 -0.59 -1.03 N | 21.24 -0.64 -0.03 N | 6.06 -0.05 -4.59 N | 7.95 -0.17 -2.23 N | 15.05 -0.37 -2.36 N | 16.01 -0.42 -0.67 N | 28.02 -0.72 -1.65 N | 12.55 -0.19 -4.95 N | 31.19 -0.78 -3.19 N | 21.57 -0.48 -4.06 N | 34.56 -0.91 -2.81 N | 49.63 -1.39 -1.05 N | 36.51 -0.98 -0.14 N | 18.24 -0.38 -4.15 N | 73.22 -1.58 -0.81 N | 65.03 -1.08 -2.28 N | -0.95 0.16 -12.10 N | 38.60 -0.67 -5.16 N | 84.04 -2.13 -0.11 N | 51.62 -1.28 -0.60 N | 39.94 -1.02 0.00 N | 36.19 -1.00 0.00 N |
| Freeport____CT2 23818 | 72.21 5.29 -19.89 N | 71.10 2.62 -45.09 N | 41.37 2.35 -18.10 N | 24.65 2.43 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.66 -30.37 N | 50.33 1.52 -35.75 N | 66.07 1.89 -48.41 N | 70.94 3.18 -40.66 N | 75.87 0.78 -67.29 N | 75.27 3.06 -43.43 N | 75.20 1.93 -55.28 N | 74.56 3.64 -38.26 N | 72.77 5.66 -17.14 N | 72.23 4.21 -30.68 N | 79.33 1.56 -63.30 N | 103.78 7.44 -22.35 N | 108.45 6.38 -38.25 N | 149.99 -1.40 -164.60 N | 109.05 3.51 -71.43 N | 97.02 8.67 -2.29 N | 117.23 5.63 -59.29 N | 73.52 4.57 -27.99 N | 67.58 4.04 -26.34 N |
| G.F.CEMENT____DRP 24184 | 68.86 2.57 -19.26 N | 71.77 1.02 -47.37 N | 39.86 0.89 -18.04 N | 23.30 0.97 -0.47 N | 81.93 0.06 -80.35 N | 45.23 0.27 -39.07 N | 55.02 0.64 -41.31 N | 28.26 0.79 -11.70 N | 57.38 1.44 -28.84 N | 94.83 0.44 -86.59 N | 86.43 1.77 -55.89 N | 90.21 1.09 -71.14 N | 83.78 1.89 -49.24 N | 71.17 2.87 -18.33 N | 41.98 2.15 -2.49 N | 87.94 0.88 -72.60 N | 92.84 4.67 -14.17 N | 107.94 4.20 -39.91 N | 197.69 -0.90 -211.80 N | 126.63 2.18 -90.35 N | 93.25 5.27 -1.91 N | 65.93 3.18 -10.45 N | 43.24 2.28 0.00 N | 39.13 1.93 0.00 N |
| GARDENVILLE____LBMP 24039 | 44.79 -4.52 -2.28 N | 26.79 -2.20 -5.62 N | 21.17 -1.87 -2.11 N | 19.84 -2.06 -0.05 N | 10.42 -0.17 -9.07 N | 9.72 -0.57 -4.41 N | 16.44 -1.28 -4.66 N | 15.50 -1.59 -1.32 N | 27.53 -2.82 -3.26 N | 16.73 -0.84 -9.77 N | 31.48 -3.60 -6.31 N | 23.81 -2.21 -8.03 N | 33.95 -4.27 -5.56 N | 45.51 -6.54 -2.07 N | 33.05 -4.58 -0.28 N | 20.81 -1.85 -8.19 N | 66.95 -8.64 -1.60 N | 62.06 -6.27 -4.50 N | 11.62 0.92 -23.90 N | 40.79 -3.52 -10.20 N | 75.76 -10.52 -0.22 N | 47.69 -5.80 -1.18 N | 37.21 -3.76 0.00 N | 33.97 -3.22 0.00 N |
| GENERAL____MILLS 23808 | 44.95 -4.42 -2.34 N | 26.98 -2.16 -5.75 N | 21.26 -1.82 -2.17 N | 19.90 -2.01 -0.05 N | 10.65 -0.16 -9.30 N | 9.85 -0.56 -4.52 N | 16.59 -1.25 -4.78 N | 15.57 -1.56 -1.35 N | 27.68 -2.75 -3.34 N | 17.00 -0.82 -10.02 N | 31.72 -3.52 -6.47 N | 24.06 -2.16 -8.23 N | 34.17 -4.18 -5.70 N | 45.68 -6.41 -2.12 N | 33.17 -4.47 -0.29 N | 21.06 -1.81 -8.40 N | 67.15 -8.48 -1.64 N | 62.35 -6.09 -4.62 N | 12.19 0.89 -24.51 N | 41.14 -3.43 -10.45 N | 75.98 -10.31 -0.22 N | 47.86 -5.66 -1.21 N | 37.32 -3.65 0.00 N | 34.08 -3.12 0.00 N |
| GE_PLASTICS____DRP 24183 | 67.96 2.12 -18.82 N | 70.66 0.99 -46.29 N | 39.45 0.90 -17.63 N | 23.25 0.94 -0.46 N | 80.10 0.07 -78.52 N | 44.33 0.26 -38.18 N | 54.00 0.57 -40.37 N | 27.89 0.69 -11.43 N | 56.48 1.20 -28.18 N | 92.75 0.34 -84.61 N | 84.70 1.32 -54.61 N | 88.31 0.81 -69.51 N | 82.24 1.47 -48.11 N | 70.14 2.25 -17.92 N | 41.41 1.64 -2.43 N | 86.05 0.65 -70.93 N | 90.99 3.15 -13.85 N | 105.57 2.74 -39.00 N | 193.13 -0.62 -206.96 N | 123.88 1.49 -88.28 N | 91.52 3.58 -1.87 N | 64.73 2.22 -10.21 N | 42.68 1.71 0.00 N | 38.73 1.54 0.00 N |
| GILBOA____1 23756 | 63.70 2.06 -14.61 N | 60.35 1.04 -35.93 N | 35.55 0.94 -13.69 N | 23.20 0.99 -0.36 N | 62.55 0.08 -60.96 N | 35.79 0.26 -29.64 N | 44.94 0.53 -31.34 N | 25.30 0.65 -8.88 N | 50.10 1.12 -21.88 N | 73.79 0.31 -65.68 N | 72.38 1.21 -42.39 N | 72.70 0.75 -53.96 N | 71.35 1.34 -37.35 N | 65.94 2.06 -13.91 N | 40.73 1.51 -1.89 N | 70.11 0.58 -55.07 N | 87.55 2.80 -10.75 N | 96.56 2.46 -30.27 N | 146.91 -0.55 -160.67 N | 103.98 1.34 -68.53 N | 90.70 3.18 -1.45 N | 62.25 2.01 -7.93 N | 42.54 1.57 0.00 N | 38.61 1.41 0.00 N |
| GILBOA____2 23757 | 63.70 2.06 -14.61 N | 60.35 1.04 -35.93 N | 35.55 0.94 -13.69 N | 23.20 0.99 -0.36 N | 62.55 0.08 -60.96 N | 35.79 0.26 -29.64 N | 44.94 0.53 -31.34 N | 25.30 0.65 -8.88 N | 50.10 1.12 -21.88 N | 73.79 0.31 -65.68 N | 72.38 1.21 -42.39 N | 72.70 0.75 -53.96 N | 71.35 1.34 -37.35 N | 65.94 2.06 -13.91 N | 40.73 1.51 -1.89 N | 70.11 0.58 -55.07 N | 87.55 2.80 -10.75 N | 96.56 2.46 -30.27 N | 146.91 -0.55 -160.67 N | 103.98 1.34 -68.53 N | 90.70 3.18 -1.45 N | 62.25 2.01 -7.93 N | 42.54 1.57 0.00 N | 38.61 1.41 0.00 N |
| GILBOA____3 23758 | 63.70 2.06 -14.61 N | 60.35 1.04 -35.93 N | 35.55 0.94 -13.69 N | 23.20 0.99 -0.36 N | 62.55 0.08 -60.96 N | 35.79 0.26 -29.64 N | 44.94 0.53 -31.34 N | 25.30 0.65 -8.88 N | 50.10 1.12 -21.88 N | 73.79 0.31 -65.68 N | 72.38 1.21 -42.39 N | 72.70 0.75 -53.96 N | 71.35 1.34 -37.35 N | 65.94 2.06 -13.91 N | 40.73 1.51 -1.89 N | 70.11 0.58 -55.07 N | 87.55 2.80 -10.75 N | 96.56 2.46 -30.27 N | 146.91 -0.55 -160.67 N | 103.98 1.34 -68.53 N | 90.70 3.18 -1.45 N | 62.25 2.01 -7.93 N | 42.54 1.57 0.00 N | 38.61 1.41 0.00 N |
| GILBOA____4 23759 | 63.70 2.06 -14.61 N | 60.35 1.04 -35.93 N | 35.55 0.94 -13.69 N | 23.20 0.99 -0.36 N | 62.55 0.08 -60.96 N | 35.79 0.26 -29.64 N | 44.94 0.53 -31.34 N | 25.30 0.65 -8.88 N | 50.10 1.12 -21.88 N | 73.79 0.31 -65.68 N | 72.38 1.21 -42.39 N | 72.70 0.75 -53.96 N | 71.35 1.34 -37.35 N | 65.94 2.06 -13.91 N | 40.73 1.51 -1.89 N | 70.11 0.58 -55.07 N | 87.55 2.80 -10.75 N | 96.56 2.46 -30.27 N | 146.91 -0.55 -160.67 N | 103.98 1.34 -68.53 N | 90.70 3.18 -1.45 N | 62.25 2.01 -7.93 N | 42.54 1.57 0.00 N | 38.61 1.41 0.00 N |
| GILBOA____ 23599 | 63.70 2.06 -14.61 N | 60.35 1.04 -35.93 N | 35.55 0.94 -13.69 N | 23.20 0.99 -0.36 N | 62.55 0.08 -60.96 N | 35.79 0.26 -29.64 N | 44.94 0.53 -31.34 N | 25.30 0.65 -8.88 N | 50.10 1.12 -21.88 N | 73.79 0.31 -65.68 N | 72.38 1.21 -42.39 N | 72.70 0.75 -53.96 N | 71.35 1.34 -37.35 N | 65.94 2.06 -13.91 N | 40.73 1.51 -1.89 N | 70.11 0.58 -55.07 N | 87.55 2.80 -10.75 N | 96.56 2.46 -30.27 N | 146.91 -0.55 -160.67 N | 103.98 1.34 -68.53 N | 90.70 3.18 -1.45 N | 62.25 2.01 -7.93 N | 42.54 1.57 0.00 N | 38.61 1.41 0.00 N |
| GINNA____ 23603 | 43.86 -4.96 -1.79 N | 25.35 -2.43 -4.40 N | 20.50 -2.09 -1.67 N | 19.65 -2.24 -0.04 N | 8.68 -0.18 -7.35 N | 8.84 -0.61 -3.57 N | 15.49 -1.35 -3.78 N | 15.27 -1.56 -1.07 N | 27.01 -2.72 -2.64 N | 14.95 -0.76 -7.92 N | 30.80 -3.09 -5.11 N | 22.63 -1.86 -6.50 N | 33.63 -3.53 -4.50 N | 46.18 -5.47 -1.68 N | 33.68 -3.89 -0.23 N | 19.60 -1.51 -6.64 N | 68.31 -6.98 -1.30 N | 62.16 -5.32 -3.65 N | 6.98 0.82 -19.36 N | 39.44 -2.93 -8.26 N | 77.60 -8.64 -0.17 N | 47.98 -5.28 -0.96 N | 37.03 -3.94 0.00 N | 33.49 -3.71 0.00 N |
| GLEN PARK____ 23778 | 45.29 -2.34 -0.60 N | 23.66 -1.21 -1.49 N | 20.32 -1.17 -0.57 N | 20.60 -1.27 -0.02 N | 3.93 -0.11 -2.52 N | 6.78 -0.34 -1.23 N | 13.62 -0.74 -1.30 N | 15.38 -0.75 -0.37 N | 26.84 -1.16 -0.91 N | 10.25 -0.27 -2.72 N | 29.45 -1.08 -1.76 N | 19.57 -0.65 -2.24 N | 33.18 -1.03 -1.55 N | 49.22 -1.32 -0.58 N | 36.40 -1.02 -0.08 N | 16.37 -0.38 -2.28 N | 73.50 -0.93 -0.45 N | 64.83 -0.26 -1.25 N | -6.45 0.11 -6.66 N | 36.49 -0.46 -2.84 N | 84.54 -1.59 -0.06 N | 51.34 -1.29 -0.33 N | 39.68 -1.29 0.00 N | 35.80 -1.40 0.00 N |

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|--------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| GLENWOOD_IC_1_G5 23712 | 71.68 4.77 -19.89 N | 70.80 2.33 -45.09 N | 41.11 2.09 -18.10 N | 24.37 2.16 -0.36 N | 64.12 0.16 -62.45 N | 36.85 0.59 -30.37 N | 50.17 1.36 -35.75 N | 65.88 1.70 -48.41 N | 70.63 2.87 -40.66 N | 75.83 0.75 -67.29 N | 75.12 2.91 -43.43 N | 75.09 1.82 -55.28 N | 74.31 3.39 -38.26 N | 72.44 5.33 -17.14 N | 71.94 3.92 -30.68 N | 79.26 1.49 -63.30 N | 102.91 6.57 -22.35 N | 107.71 5.63 -38.25 N | 150.12 -1.27 -164.60 N | 108.67 3.13 -71.43 N | 96.09 7.73 -2.29 N | 116.55 4.96 -59.29 N | 73.09 4.13 -27.99 N | 67.12 3.58 -26.34 N |
| GLENWOOD_IC_2_G1 23688 | 71.33 4.41 -19.89 N | 70.63 2.16 -45.09 N | 40.95 1.93 -18.10 N | 24.21 2.00 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 50.07 1.26 -35.75 N | 65.76 1.57 -48.41 N | 70.42 2.65 -40.66 N | 75.79 0.70 -67.29 N | 74.94 2.73 -43.43 N | 74.98 1.71 -55.28 N | 74.09 3.16 -38.26 N | 72.06 4.95 -17.14 N | 71.64 3.61 -30.68 N | 79.13 1.36 -63.30 N | 102.69 6.35 -22.35 N | 107.47 5.39 -38.25 N | 150.16 -1.22 -164.60 N | 108.56 3.01 -71.43 N | 95.81 7.46 -2.29 N | 116.32 4.73 -59.29 N | 72.75 3.80 -27.99 N | 66.81 3.27 -26.34 N |
| GLENWOOD_IC_3_G1 23689 | 71.33 4.41 -19.89 N | 70.63 2.16 -45.09 N | 40.95 1.93 -18.10 N | 24.21 2.00 -0.36 N | 64.10 0.14 -62.45 N | 36.80 0.55 -30.37 N | 50.07 1.26 -35.75 N | 65.76 1.57 -48.41 N | 70.42 2.65 -40.66 N | 75.79 0.70 -67.29 N | 74.94 2.73 -43.43 N | 74.98 1.71 -55.28 N | 74.09 3.16 -38.26 N | 72.06 4.95 -17.14 N | 71.64 3.61 -30.68 N | 79.13 1.36 -63.30 N | 102.69 6.35 -22.35 N | 107.47 5.39 -38.25 N | 150.16 -1.22 -164.60 N | 108.56 3.01 -71.43 N | 95.81 7.46 -2.29 N | 116.32 4.73 -59.29 N | 72.75 3.80 -27.99 N | 66.81 3.27 -26.34 N |
| GLENWOOD___4 23550 | 71.68 4.77 -19.89 N | 70.81 2.34 -45.09 N | 41.11 2.09 -18.10 N | 24.37 2.16 -0.36 N | 64.12 0.16 -62.45 N | 36.85 0.59 -30.37 N | 50.17 1.36 -35.75 N | 65.88 1.70 -48.41 N | 70.63 2.87 -40.66 N | 75.83 0.75 -67.29 N | 75.12 2.91 -43.43 N | 75.09 1.82 -55.28 N | 74.31 3.39 -38.26 N | 72.44 5.33 -17.14 N | 71.94 3.92 -30.68 N | 79.25 1.48 -63.30 N | 103.07 6.73 -22.35 N | 107.85 5.78 -38.25 N | 150.09 -1.30 -164.60 N | 108.74 3.20 -71.43 N | 96.26 7.91 -2.29 N | 116.65 5.06 -59.29 N | 73.09 4.14 -27.99 N | 67.12 3.58 -26.34 N |
| GLENWOOD___5 23614 | 71.68 4.77 -19.89 N | 70.81 2.34 -45.09 N | 41.11 2.09 -18.10 N | 24.37 2.16 -0.36 N | 64.12 0.16 -62.45 N | 36.85 0.59 -30.37 N | 50.17 1.36 -35.75 N | 65.88 1.70 -48.41 N | 70.63 2.87 -40.66 N | 75.83 0.75 -67.29 N | 75.12 2.91 -43.43 N | 75.09 1.82 -55.28 N | 74.31 3.39 -38.26 N | 72.44 5.33 -17.14 N | 71.94 3.92 -30.68 N | 79.25 1.48 -63.30 N | 103.07 6.73 -22.35 N | 107.85 5.78 -38.25 N | 150.09 -1.30 -164.60 N | 108.74 3.20 -71.43 N | 96.26 7.91 -2.29 N | 116.65 5.06 -59.29 N | 73.09 4.14 -27.99 N | 67.12 3.58 -26.34 N |
| GLOBAL GREEN_PORT_GT1 23814 | 73.60 6.68 -19.89 N | 71.85 3.37 -45.09 N | 42.01 2.99 -18.10 N | 25.31 3.09 -0.36 N | 64.19 0.23 -62.45 N | 37.10 0.85 -30.37 N | 50.74 1.93 -35.75 N | 66.58 2.39 -48.41 N | 71.78 4.02 -40.66 N | 76.03 0.94 -67.29 N | 75.91 3.71 -43.43 N | 75.64 2.37 -55.28 N | 75.46 4.54 -38.26 N | 74.55 7.44 -17.14 N | 73.65 5.63 -30.68 N | 79.85 2.08 -63.30 N | 106.76 10.42 -22.35 N | 111.02 8.95 -38.25 N | 149.56 -1.83 -164.60 N | 110.22 4.68 -71.43 N | 99.92 11.57 -2.29 N | 119.10 7.51 -59.29 N | 74.76 5.80 -27.99 N | 68.72 5.17 -26.34 N |
| GOETHSLN___LBMP 323567 | 66.16 4.16 -14.97 N | 62.21 2.01 -36.81 N | 36.72 1.78 -14.02 N | 24.06 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.35 1.18 -32.11 N | 26.33 1.47 -9.09 N | 52.02 2.51 -22.41 N | 75.79 0.70 -67.29 N | 74.90 2.70 -43.43 N | 74.95 1.68 -55.28 N | 73.99 3.07 -38.26 N | 68.97 4.75 -14.25 N | 114.13 3.39 -73.40 N | 112.00 1.28 -96.25 N | 100.56 5.80 -20.77 N | 99.75 4.90 -31.01 N | 150.25 -1.14 -164.60 N | 107.04 2.72 -70.21 N | 94.32 6.77 -1.49 N | 64.68 4.25 -8.12 N | 44.45 3.49 0.00 N | 40.14 2.94 0.00 N |
| GOUDEY___7 23579 | 51.82 -0.13 -4.92 N | 35.45 -0.04 -12.11 N | 25.54 0.00 -4.62 N | 21.98 0.01 -0.12 N | 22.21 0.03 -20.66 N | 15.96 0.02 -10.05 N | 23.75 0.07 -10.62 N | 18.83 0.05 -3.01 N | 34.62 0.11 -7.42 N | 30.10 0.04 -22.26 N | 43.25 0.10 -14.37 N | 36.30 0.02 -18.29 N | 45.25 -0.07 -12.66 N | 54.57 -0.12 -4.72 N | 38.00 0.02 -0.64 N | 33.11 -0.02 -18.67 N | 77.92 0.29 -3.64 N | 74.63 0.54 -10.26 N | 41.10 -0.15 -54.46 N | 57.40 0.06 -23.23 N | 85.96 -0.59 -0.49 N | 54.93 -0.06 -2.69 N | 40.82 -0.15 0.00 N | 37.17 -0.03 0.00 N |
| GOUDEY___8 23580 | 51.80 -0.15 -4.92 N | 35.43 -0.07 -12.11 N | 25.53 -0.02 -4.62 N | 21.97 -0.01 -0.12 N | 22.21 0.03 -20.66 N | 15.96 0.02 -10.05 N | 23.74 0.06 -10.62 N | 18.82 0.04 -3.01 N | 34.61 0.09 -7.42 N | 30.09 0.03 -22.26 N | 43.23 0.09 -14.37 N | 36.28 0.00 -18.29 N | 45.23 -0.09 -12.66 N | 54.57 -0.12 -4.72 N | 38.00 0.01 -0.64 N | 33.10 -0.03 -18.67 N | 77.86 0.23 -3.64 N | 74.59 0.50 -10.26 N | 41.11 -0.14 -54.46 N | 57.38 0.04 -23.23 N | 85.92 -0.63 -0.49 N | 54.92 -0.08 -2.69 N | 40.81 -0.16 0.00 N | 37.14 -0.06 0.00 N |
| GOWANUS_GT1_1 24077 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT1_2 24078 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT1_3 24079 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT1_4 24080 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT1_5 24084 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |

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| 24124 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT3_4 24125 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT3_5 24126 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT3_6 24127 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT3_7 24128 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT3_8 24129 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_1 24130 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_2 24131 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_3 24132 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_4 24133 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_5 24134 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_6 24135 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_7 24136 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| GOWANUS_GT4_8 24137 | | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |

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|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| GRAHMSVILLE___HY 23607 | 61.77 1.78 -12.96 N | 56.12 0.87 -31.87 N | 33.84 0.77 -12.14 N | 22.97 0.80 -0.31 N | 55.64 0.06 -54.07 N | 32.40 0.23 -26.29 N | 41.38 0.52 -27.80 N | 24.31 0.67 -7.87 N | 47.64 1.13 -19.40 N | 66.38 0.32 -58.26 N | 67.61 1.23 -37.60 N | 66.62 0.77 -47.86 N | 67.16 1.38 -33.13 N | 64.45 2.14 -12.34 N | 40.54 1.52 -1.67 N | 63.90 0.58 -48.85 N | 86.33 2.80 -9.54 N | 93.11 2.42 -26.85 N | 128.71 -0.60 -142.51 N | 96.28 1.38 -60.79 N | 90.67 3.32 -1.29 N | 61.40 2.06 -7.03 N | 42.55 1.59 0.00 N | 38.48 1.29 0.00 N |
| GREENIDGE___3 23582 | 47.49 -2.40 -2.86 N | 29.37 -1.05 -7.04 N | 22.91 -0.69 -2.68 N | 21.18 -0.74 -0.07 N | 13.41 -0.04 -11.94 N | 11.52 -0.17 -5.81 N | 18.86 -0.34 -6.14 N | 17.12 -0.39 -1.74 N | 30.54 -0.84 -4.29 N | 20.51 -0.16 -12.86 N | 36.22 -0.86 -8.30 N | 28.00 -0.56 -10.57 N | 38.82 -1.15 -7.31 N | 50.89 -1.81 -2.72 N | 36.45 -1.26 -0.37 N | 24.72 -0.53 -10.78 N | 74.34 -1.75 -2.10 N | 68.42 -1.34 -5.93 N | 18.22 -0.04 -31.47 N | 46.51 -1.02 -13.42 N | 82.36 -3.99 -0.28 N | 51.71 -2.15 -1.55 N | 39.17 -1.80 0.00 N | 35.66 -1.54 0.00 N |
| GREENIDGE___4 23583 | 47.49 -2.40 -2.86 N | 29.37 -1.05 -7.04 N | 22.91 -0.69 -2.68 N | 21.18 -0.74 -0.07 N | 13.41 -0.04 -11.94 N | 11.52 -0.17 -5.81 N | 18.86 -0.34 -6.14 N | 17.12 -0.39 -1.74 N | 30.54 -0.84 -4.29 N | 20.51 -0.16 -12.86 N | 36.22 -0.86 -8.30 N | 28.00 -0.56 -10.57 N | 38.82 -1.15 -7.31 N | 50.89 -1.81 -2.72 N | 36.45 -1.26 -0.37 N | 24.72 -0.53 -10.78 N | 74.34 -1.75 -2.10 N | 68.42 -1.34 -5.93 N | 18.22 -0.04 -31.47 N | 46.51 -1.02 -13.42 N | 82.36 -3.99 -0.28 N | 51.71 -2.15 -1.55 N | 39.17 -1.80 0.00 N | 35.66 -1.54 0.00 N |
| HAMPSHIRE___PAPER_HYD 323593 | 45.43 -1.60 0.00 N | 22.60 -0.78 0.00 N | 20.17 -0.75 0.00 N | 21.04 -0.81 0.00 N | 1.45 -0.06 0.00 N | 5.67 -0.22 0.00 N | 12.47 -0.60 0.00 N | 15.11 -0.66 0.00 N | 26.05 -1.05 0.00 N | 7.52 -0.27 0.00 N | 27.73 -1.04 0.00 N | 17.35 -0.64 0.00 N | 31.56 -1.10 0.00 N | 48.29 -1.68 0.00 N | 36.05 -1.29 0.00 N | 14.01 -0.46 0.00 N | 71.64 -2.35 0.00 N | 61.95 -1.88 0.00 N | -12.71 0.50 0.00 N | 32.97 -1.14 0.00 N | 83.20 -2.86 0.00 N | 50.34 -1.96 0.00 N | 39.61 -1.35 0.00 N | 36.09 -1.10 0.00 N |
| HARZA MOOSE___RIVER 24016 | 46.08 -0.95 0.00 N | 22.88 -0.50 0.00 N | 20.46 -0.46 0.00 N | 21.36 -0.49 0.00 N | 1.48 -0.04 0.00 N | 5.76 -0.13 0.00 N | 12.76 -0.30 0.00 N | 15.46 -0.31 0.00 N | 26.61 -0.49 0.00 N | 7.68 -0.12 0.00 N | 28.34 -0.44 0.00 N | 17.72 -0.27 0.00 N | 32.17 -0.49 0.00 N | 49.25 -0.72 0.00 N | 36.82 -0.53 0.00 N | 14.28 -0.19 0.00 N | 73.35 -0.64 0.00 N | 63.51 -0.32 0.00 N | -13.15 0.07 0.00 N | 33.86 -0.25 0.00 N | 85.19 -0.87 0.00 N | 51.63 -0.68 0.00 N | 40.35 -0.61 0.00 N | 36.56 -0.63 0.00 N |
| HEMPSTEAD____ 23647 | 71.77 4.85 -19.89 N | 70.87 2.40 -45.09 N | 41.17 2.14 -18.10 N | 24.44 2.22 -0.36 N | 64.13 0.16 -62.45 N | 36.86 0.61 -30.37 N | 50.21 1.40 -35.75 N | 65.92 1.74 -48.41 N | 70.69 2.92 -40.66 N | 75.81 0.72 -67.29 N | 75.05 2.84 -43.43 N | 75.06 1.79 -55.28 N | 74.29 3.37 -38.26 N | 72.46 5.34 -17.14 N | 71.98 3.96 -30.68 N | 79.24 1.47 -63.30 N | 103.22 6.87 -22.35 N | 107.98 5.90 -38.25 N | 150.09 -1.30 -164.60 N | 108.78 3.24 -71.43 N | 96.38 8.02 -2.29 N | 116.77 5.17 -59.29 N | 73.14 4.19 -27.99 N | 67.21 3.67 -26.34 N |
| HICKLING___1 23621 | 50.44 -0.39 -3.80 N | 32.52 -0.20 -9.34 N | 24.40 -0.09 -3.57 N | 21.87 -0.08 -0.09 N | 17.64 0.05 -16.07 N | 13.72 0.02 -7.81 N | 21.42 0.09 -8.26 N | 18.16 0.05 -2.34 N | 33.00 0.13 -5.77 N | 25.17 0.06 -17.32 N | 40.14 0.19 -11.18 N | 32.25 0.04 -14.23 N | 42.40 -0.11 -9.85 N | 53.56 -0.07 -3.67 N | 37.98 0.14 -0.50 N | 28.94 -0.05 -14.52 N | 77.51 0.68 -2.84 N | 72.91 1.10 -7.98 N | 28.85 -0.30 -42.36 N | 52.33 0.15 -18.07 N | 85.51 -0.94 -0.38 N | 54.39 -0.01 -2.09 N | 40.71 -0.26 0.00 N | 37.10 -0.09 0.00 N |
| HICKLING___2 23622 | 50.44 -0.38 -3.80 N | 32.53 -0.19 -9.34 N | 24.40 -0.09 -3.57 N | 21.87 -0.07 -0.09 N | 17.64 0.05 -16.07 N | 13.73 0.02 -7.81 N | 21.42 0.09 -8.26 N | 18.16 0.05 -2.34 N | 33.01 0.14 -5.77 N | 25.17 0.06 -17.32 N | 40.15 0.19 -11.18 N | 32.26 0.04 -14.23 N | 42.41 -0.10 -9.85 N | 53.58 -0.06 -3.67 N | 37.99 0.14 -0.50 N | 28.94 -0.04 -14.52 N | 77.55 0.72 -2.84 N | 72.95 1.14 -7.98 N | 28.85 -0.30 -42.36 N | 52.36 0.17 -18.07 N | 85.52 -0.93 -0.38 N | 54.40 0.00 -2.09 N | 40.72 -0.25 0.00 N | 37.11 -0.08 0.00 N |
| HIGH FALLS___HY 23754 | 65.53 3.45 -15.05 N | 62.11 1.71 -37.02 N | 36.56 1.53 -14.11 N | 23.82 1.60 -0.37 N | 64.54 0.11 -62.91 N | 36.92 0.44 -30.59 N | 46.42 1.01 -32.34 N | 26.20 1.27 -9.16 N | 51.86 2.18 -22.58 N | 76.20 0.61 -67.79 N | 74.89 2.36 -43.75 N | 75.14 1.46 -55.69 N | 73.85 2.65 -38.54 N | 68.41 4.09 -14.35 N | 42.24 2.95 -1.95 N | 72.43 1.13 -56.83 N | 90.47 5.39 -11.10 N | 99.77 4.70 -31.24 N | 151.52 -1.08 -165.81 N | 107.49 2.66 -70.73 N | 94.13 6.57 -1.50 N | 64.54 4.05 -8.18 N | 44.11 3.14 0.00 N | 39.84 2.64 0.00 N |
| HILLBURN___GT 23639 | 64.97 3.61 -14.34 N | 60.39 1.75 -35.26 N | 35.91 1.56 -13.43 N | 23.82 1.62 -0.35 N | 61.43 0.11 -59.81 N | 35.43 0.46 -29.08 N | 44.87 1.06 -30.75 N | 25.80 1.33 -8.71 N | 50.80 2.23 -21.47 N | 72.86 0.62 -64.45 N | 72.75 2.38 -41.60 N | 72.41 1.48 -52.94 N | 71.97 2.67 -36.64 N | 67.72 4.11 -13.65 N | 42.12 2.93 -1.85 N | 69.61 1.11 -54.03 N | 89.80 5.26 -10.55 N | 98.03 4.50 -29.70 N | 143.36 -1.07 -157.64 N | 103.94 2.59 -67.24 N | 93.87 6.38 -1.42 N | 64.02 3.93 -7.78 N | 44.09 3.12 0.00 N | 39.85 2.66 0.00 N |
| HOLTSVILLE_IC_1 23690 | 71.99 5.08 -19.89 N | 71.10 2.62 -45.09 N | 41.38 2.35 -18.10 N | 24.66 2.44 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.75 0.67 -67.29 N | 74.84 2.64 -43.43 N | 74.96 1.69 -55.28 N | 74.24 3.32 -38.26 N | 72.67 5.56 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.43 7.09 -22.35 N | 107.93 5.86 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.07 7.72 -2.29 N | 116.83 5.24 -59.29 N | 73.18 4.22 -27.99 N | 67.41 3.87 -26.34 N |
| HOLTSVILLE_IC_10 23699 | 72.27 5.35 -19.89 N | 71.24 2.76 -45.09 N | 41.49 2.47 -18.10 N | 24.77 2.55 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.39 1.59 -35.75 N | 66.15 1.97 -48.41 N | 71.01 3.25 -40.66 N | 75.80 0.70 -67.29 N | 75.01 2.80 -43.43 N | 75.07 1.80 -55.28 N | 74.43 3.51 -38.26 N | 72.98 5.87 -17.14 N | 72.48 4.46 -30.68 N | 79.40 1.63 -63.30 N | 103.89 7.55 -22.35 N | 108.37 6.29 -38.25 N | 150.11 -1.28 -164.60 N | 108.83 3.29 -71.43 N | 96.53 8.18 -2.29 N | 117.13 5.54 -59.29 N | 73.42 4.46 -27.99 N | 67.63 4.09 -26.34 N |
| HOLTSVILLE_IC_2 23691 | 71.99 5.08 -19.89 N | 71.10 2.62 -45.09 N | 41.38 2.35 -18.10 N | 24.66 2.44 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.75 0.67 -67.29 N | 74.84 2.64 -43.43 N | 74.96 1.69 -55.28 N | 74.24 3.32 -38.26 N | 72.67 5.56 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.43 7.09 -22.35 N | 107.93 5.86 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.07 7.72 -2.29 N | 116.83 5.24 -59.29 N | 73.18 4.22 -27.99 N | 67.41 3.87 -26.34 N |
| HOLTSVILLE_IC_3 23692 | 71.99 5.08 -19.89 N | 71.10 2.62 -45.09 N | 41.38 2.35 -18.10 N | 24.66 2.44 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.75 0.67 -67.29 N | 74.84 2.64 -43.43 N | 74.96 1.69 -55.28 N | 74.24 3.32 -38.26 N | 72.67 5.56 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.43 7.09 -22.35 N | 107.93 5.86 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.07 7.72 -2.29 N | 116.83 5.24 -59.29 N | 73.18 4.22 -27.99 N | 67.41 3.87 -26.34 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|---|
| HOLTSVILLE_IC_4 23693 | 71.99 5.08 -19.89 N | 71.10 2.62 -45.09 N | 41.38 2.35 -18.10 N | 24.66 2.44 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.75 0.67 -67.29 N | 74.84 2.64 -43.43 N | 74.96 1.69 -55.28 N | 74.24 3.32 -38.26 N | 72.67 5.56 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.43 7.09 -22.35 N | 107.93 5.86 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.07 7.72 -2.29 N | 116.83 5.24 -59.29 N | 73.18 4.22 -27.99 N | 67.41 3.87 -26.34 N | |
| HOLTSVILLE_IC_5 23694 | 71.99 5.08 -19.89 N | 71.10 2.62 -45.09 N | 41.38 2.35 -18.10 N | 24.66 2.44 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.75 0.67 -67.29 N | 74.84 2.64 -43.43 N | 74.96 1.69 -55.28 N | 74.24 3.32 -38.26 N | 72.67 5.56 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.43 7.09 -22.35 N | 107.93 5.86 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.07 7.72 -2.29 N | 116.83 5.24 -59.29 N | 73.18 4.22 -27.99 N | 67.41 3.87 -26.34 N | |
| HOLTSVILLE_IC_6 23695 | 72.27 5.35 -19.89 N | 71.24 2.76 -45.09 N | 41.49 2.47 -18.10 N | 24.77 2.55 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.39 1.59 -35.75 N | 66.15 1.97 -48.41 N | 71.01 3.25 -40.66 N | 75.80 0.70 -67.29 N | 75.01 2.80 -43.43 N | 75.07 1.80 -55.28 N | 74.43 3.51 -38.26 N | 72.98 5.87 -17.14 N | 72.48 4.46 -30.68 N | 79.40 1.63 -63.30 N | 103.89 7.55 -22.35 N | 108.37 6.29 -38.25 N | 150.11 -1.28 -164.60 N | 108.83 3.29 -71.43 N | 96.53 8.18 -2.29 N | 117.13 5.54 -59.29 N | 73.42 4.46 -27.99 N | 67.63 4.09 -26.34 N | |
| HOLTSVILLE_IC_7 23696 | 72.27 5.35 -19.89 N | 71.24 2.76 -45.09 N | 41.49 2.47 -18.10 N | 24.77 2.55 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.39 1.59 -35.75 N | 66.15 1.97 -48.41 N | 71.01 3.25 -40.66 N | 75.80 0.70 -67.29 N | 75.01 2.80 -43.43 N | 75.07 1.80 -55.28 N | 74.43 3.51 -38.26 N | 72.98 5.87 -17.14 N | 72.48 4.46 -30.68 N | 79.40 1.63 -63.30 N | 103.89 7.55 -22.35 N | 108.37 6.29 -38.25 N | 150.11 -1.28 -164.60 N | 108.83 3.29 -71.43 N | 96.53 8.18 -2.29 N | 117.13 5.54 -59.29 N | 73.42 4.46 -27.99 N | 67.63 4.09 -26.34 N | |
| HOLTSVILLE_IC_8 23697 | 72.27 5.35 -19.89 N | 71.24 2.76 -45.09 N | 41.49 2.47 -18.10 N | 24.77 2.55 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.39 1.59 -35.75 N | 66.15 1.97 -48.41 N | 71.01 3.25 -40.66 N | 75.80 0.70 -67.29 N | 75.01 2.80 -43.43 N | 75.07 1.80 -55.28 N | 74.43 3.51 -38.26 N | 72.98 5.87 -17.14 N | 72.48 4.46 -30.68 N | 79.40 1.63 -63.30 N | 103.89 7.55 -22.35 N | 108.37 6.29 -38.25 N | 150.11 -1.28 -164.60 N | 108.83 3.29 -71.43 N | 96.53 8.18 -2.29 N | 117.13 5.54 -59.29 N | 73.42 4.46 -27.99 N | 67.63 4.09 -26.34 N | |
| HOLTSVILLE_IC_9 23698 | 72.27 5.35 -19.89 N | 71.24 2.76 -45.09 N | 41.49 2.47 -18.10 N | 24.77 2.55 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.39 1.59 -35.75 N | 66.15 1.97 -48.41 N | 71.01 3.25 -40.66 N | 75.80 0.70 -67.29 N | 75.01 2.80 -43.43 N | 75.07 1.80 -55.28 N | 74.43 3.51 -38.26 N | 72.98 5.87 -17.14 N | 72.48 4.46 -30.68 N | 79.40 1.63 -63.30 N | 103.89 7.55 -22.35 N | 108.37 6.29 -38.25 N | 150.11 -1.28 -164.60 N | 108.83 3.29 -71.43 N | 96.53 8.18 -2.29 N | 117.13 5.54 -59.29 N | 73.42 4.46 -27.99 N | 67.63 4.09 -26.34 N | |
| HQ_GEN_CEDARS 23644 | 47.22 0.19 0.00 N | 23.54 0.16 0.00 N | 21.02 0.10 0.00 N | 21.92 0.07 0.00 N | 1.52 0.00 0.00 N | 5.90 0.01 0.00 N | 13.05 -0.01 0.00 N | 15.73 -0.04 0.00 N | 27.07 -0.03 0.00 N | 7.79 -0.01 0.00 N | 28.72 -0.06 0.00 N | 17.97 -0.02 0.00 N | 32.67 0.01 0.00 N | 49.96 -0.02 0.00 N | 37.30 -0.04 0.00 N | 14.46 0.00 0.00 N | 73.81 -0.18 0.00 N | 63.58 -0.25 0.00 N | -13.02 0.19 0.00 N | 34.06 -0.05 0.00 N | 86.25 0.19 0.00 N | 52.27 -0.04 0.00 N | 41.10 0.13 0.00 N | 37.45 0.25 0.00 N | |
| HQ_GEN_CHAT DC 23651 | 46.65 -0.38 0.00 N | 23.24 -0.14 0.00 N | 20.77 -0.15 0.00 N | 21.69 -0.16 0.00 N | 17.86 -0.15 3.86 N | 5.84 -0.05 0.00 N | 12.94 -0.12 0.00 N | 15.61 -0.16 0.00 N | 26.82 -0.27 0.00 N | 7.72 -0.08 0.00 N | 28.46 -0.31 0.00 N | 17.79 -0.20 0.00 N | 32.35 -0.31 0.00 N | 49.47 -0.50 0.00 N | 36.96 -0.38 0.00 N | 14.32 -0.15 0.00 N | 73.15 -0.84 0.00 N | 62.90 -0.93 0.00 N | -12.91 0.30 0.00 N | 33.64 -0.47 0.00 N | 85.27 -0.79 0.00 N | 51.76 -0.55 0.00 N | 50.00 -0.56 0.30 N | 36.91 -0.29 0.00 N | |
| HUDSON_AVE_GT_3 23810 | 66.28 4.29 -14.97 N | 62.26 2.07 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.38 1.51 -9.09 N | 52.09 2.58 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.09 3.17 -38.26 N | 69.13 4.90 -14.25 N | 114.26 3.51 -73.40 N | 112.04 1.32 -96.25 N | 100.86 6.09 -20.77 N | 100.00 5.15 -31.01 N | 150.20 -1.19 -164.60 N | 107.16 2.84 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.45 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N | |
| HUDSON_AVE_GT_4 23540 | 66.28 4.29 -14.97 N | 62.26 2.07 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.38 1.51 -9.09 N | 52.09 2.58 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.09 3.17 -38.26 N | 69.13 4.90 -14.25 N | 114.26 3.51 -73.40 N | 112.04 1.32 -96.25 N | 100.86 6.09 -20.77 N | 100.00 5.15 -31.01 N | 150.20 -1.19 -164.60 N | 107.16 2.84 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.45 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N | |
| HUDSON_AVE_GT_5 23657 | 66.28 4.29 -14.97 N | 62.26 2.07 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.38 1.51 -9.09 N | 52.09 2.58 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.09 3.17 -38.26 N | 69.13 4.90 -14.25 N | 114.26 3.51 -73.40 N | 112.04 1.32 -96.25 N | 100.86 6.09 -20.77 N | 100.00 5.15 -31.01 N | 150.20 -1.19 -164.60 N | 107.16 2.84 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.45 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N | |
| HUDSON_AVE_10 24168 | 66.08 4.08 -14.97 N | 62.19 1.99 -36.81 N | 36.72 1.77 -14.02 N | 24.05 1.83 -0.36 N | 64.10 0.13 -62.45 N | 36.75 0.50 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.01 2.49 -22.41 N | 75.79 0.70 -67.29 N | 74.87 2.66 -43.43 N | 74.95 1.68 -55.28 N | 73.98 3.06 -38.26 N | 68.96 4.74 -14.25 N | 114.10 3.36 -73.40 N | 111.96 1.24 -96.25 N | 100.36 5.60 -20.77 N | 99.55 4.71 -31.01 N | 150.29 -1.10 -164.60 N | 107.01 2.69 -70.21 N | 94.26 6.72 -1.49 N | 64.68 4.25 -8.12 N | 44.47 3.50 0.00 N | 40.15 2.96 0.00 N | |
| HUNTLEY___63 23557 | 44.98 -4.25 -2.20 N | 26.71 -2.09 -5.41 N | 21.21 -1.76 -2.04 N | 19.97 -1.93 -0.05 N | 10.19 -0.17 -8.84 N | 9.65 -0.54 -4.30 N | 16.39 -1.22 -4.54 N | 15.55 -1.51 -1.29 N | 27.59 -2.69 -3.17 N | 16.52 -0.80 -9.52 N | 31.45 -3.48 -6.15 N | 23.70 -2.11 -7.82 N | 33.97 -4.11 -5.42 N | 45.67 -6.32 -2.02 N | 33.23 -4.38 -0.27 N | 20.69 -1.77 -7.99 N | 67.29 -8.26 -1.56 N | 62.37 -5.84 -4.39 N | 10.90 0.81 -23.30 N | 40.75 -3.30 -9.94 N | 76.27 -10.00 -0.21 N | 47.95 -5.50 -1.15 N | 37.50 -3.47 0.00 N | 34.25 -2.95 0.00 N | |
| HUNTLEY___64 | 44.98 | 26.71 | 21.21 | 19.97 | 10.19 | 9.65 | 16.39 | 15.55 | 27.59 | 16.52 | 31.45 | 23.70 | 33.97 | 45.67 | 33.23 | 20.69 | 67.29 | 62.37 | 10.90 | 40.75 | 76.27 | 47.95 | 37.50 | 34.25 | |

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|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|
| 23558 | -4.25 -2.20 N | -2.09 -5.41 N | -1.76 -2.04 N | -1.93 -0.05 N | -0.17 -8.84 N | -0.54 -4.30 N | -1.22 -4.54 N | -1.51 -1.29 N | -2.69 -3.17 N | -0.80 -9.52 N | -3.48 -6.15 N | -2.11 -7.82 N | -4.11 -5.42 N | -6.32 -2.02 N | -4.38 -0.27 N | -1.77 -7.99 N | -8.26 -1.56 N | -5.84 -4.39 N | 0.81 -23.30 N | -3.30 -9.94 N | -10.00 -0.21 N | -5.50 -1.15 N | -3.47 0.00 N | -2.95 0.00 N |
| HUNTLEY___65 23559 | 44.98 -4.25 -2.20 N | 26.71 -2.09 -5.41 N | 21.21 -1.76 -2.04 N | 19.97 -1.93 -0.05 N | 10.19 -0.17 -8.84 N | 9.65 -0.54 -4.30 N | 16.39 -1.22 -4.54 N | 15.55 -1.51 -1.29 N | 27.59 -2.69 -3.17 N | 16.52 -0.80 -9.52 N | 31.45 -3.48 -6.15 N | 23.70 -2.11 -7.82 N | 33.97 -4.11 -5.42 N | 45.67 -6.32 -2.02 N | 33.23 -4.38 -0.27 N | 20.69 -1.77 -7.99 N | 67.29 -8.26 -1.56 N | 62.37 -5.84 -4.39 N | 10.90 0.81 -23.30 N | 40.75 -3.30 -9.94 N | 76.27 -10.00 -0.21 N | 47.95 -5.50 -1.15 N | 37.50 -3.47 0.00 N | 34.25 -2.95 0.00 N |
| HUNTLEY___66 23560 | 44.98 -4.25 -2.20 N | 26.71 -2.09 -5.41 N | 21.21 -1.76 -2.04 N | 19.97 -1.93 -0.05 N | 10.19 -0.17 -8.84 N | 9.65 -0.54 -4.30 N | 16.39 -1.22 -4.54 N | 15.55 -1.51 -1.29 N | 27.59 -2.69 -3.17 N | 16.52 -0.80 -9.52 N | 31.45 -3.48 -6.15 N | 23.70 -2.11 -7.82 N | 33.97 -4.11 -5.42 N | 45.67 -6.32 -2.02 N | 33.23 -4.38 -0.27 N | 20.69 -1.77 -7.99 N | 67.29 -8.26 -1.56 N | 62.37 -5.84 -4.39 N | 10.90 0.81 -23.30 N | 40.75 -3.30 -9.94 N | 76.27 -10.00 -0.21 N | 47.95 -5.50 -1.15 N | 37.50 -3.47 0.00 N | 34.25 -2.95 0.00 N |
| HUNTLEY___67 23561 | 44.41 -4.85 -2.23 N | 26.49 -2.37 -5.48 N | 20.98 -2.01 -2.07 N | 19.70 -2.20 -0.05 N | 10.29 -0.18 -8.95 N | 9.63 -0.61 -4.35 N | 16.28 -1.38 -4.60 N | 15.36 -1.72 -1.30 N | 27.27 -3.04 -3.21 N | 16.54 -0.91 -9.65 N | 31.13 -3.87 -6.23 N | 23.55 -2.37 -7.93 N | 33.59 -4.56 -5.49 N | 45.02 -7.00 -2.04 N | 32.71 -4.91 -0.28 N | 20.58 -1.98 -8.09 N | 66.18 -9.38 -1.58 N | 61.37 -6.91 -4.45 N | 11.43 1.04 -23.60 N | 40.35 -3.83 -10.07 N | 74.97 -11.31 -0.21 N | 47.20 -6.27 -1.17 N | 36.90 -4.07 0.00 N | 33.71 -3.49 0.00 N |
| HUNTLEY___68 23562 | 44.41 -4.85 -2.23 N | 26.49 -2.37 -5.48 N | 20.98 -2.01 -2.07 N | 19.70 -2.20 -0.05 N | 10.29 -0.18 -8.95 N | 9.63 -0.61 -4.35 N | 16.28 -1.38 -4.60 N | 15.36 -1.72 -1.30 N | 27.27 -3.04 -3.21 N | 16.54 -0.91 -9.65 N | 31.13 -3.87 -6.23 N | 23.55 -2.37 -7.93 N | 33.59 -4.56 -5.49 N | 45.02 -7.00 -2.04 N | 32.71 -4.91 -0.28 N | 20.58 -1.98 -8.09 N | 66.18 -9.38 -1.58 N | 61.37 -6.91 -4.45 N | 11.43 1.04 -23.60 N | 40.35 -3.83 -10.07 N | 74.97 -11.31 -0.21 N | 47.20 -6.27 -1.17 N | 36.90 -4.07 0.00 N | 33.71 -3.49 0.00 N |
| INDECK___CORINTH 23802 | 68.95 2.56 -19.37 N | 72.03 1.00 -47.64 N | 39.95 0.87 -18.15 N | 23.29 0.96 -0.47 N | 82.50 0.06 -80.93 N | 45.50 0.26 -39.36 N | 55.31 0.64 -41.61 N | 28.33 0.78 -11.78 N | 57.59 1.45 -29.05 N | 95.45 0.45 -87.21 N | 86.88 1.81 -56.29 N | 90.74 1.11 -71.64 N | 84.16 1.92 -49.59 N | 71.34 2.90 -18.47 N | 42.01 2.16 -2.50 N | 88.46 0.88 -73.11 N | 93.07 4.81 -14.28 N | 108.35 4.33 -40.19 N | 199.19 -0.92 -213.31 N | 127.31 2.21 -90.99 N | 93.36 5.37 -1.93 N | 66.08 3.25 -10.53 N | 43.27 2.30 0.00 N | 39.13 1.93 0.00 N |
| INDECK___ILION 23567 | 48.14 1.47 0.36 N | 23.19 0.69 0.88 N | 21.19 0.60 0.33 N | 22.49 0.65 0.01 N | 0.07 0.05 1.49 N | 5.34 0.18 0.73 N | 12.70 0.41 0.77 N | 16.05 0.50 0.22 N | 27.43 0.87 0.54 N | 6.45 0.26 1.61 N | 28.71 0.98 1.04 N | 17.28 0.62 1.32 N | 32.82 1.07 0.92 N | 51.27 1.64 0.34 N | 38.53 1.23 0.05 N | 13.61 0.49 1.35 N | 76.26 2.53 0.26 N | 65.38 2.29 0.74 N | -17.66 -0.51 3.93 N | 33.64 1.21 1.68 N | 88.95 2.92 0.04 N | 53.91 1.80 0.19 N | 42.22 1.25 0.00 N | 38.25 1.05 0.00 N |
| INDECK___OLEAN 23982 | 47.11 -2.50 -2.59 N | 28.52 -1.23 -6.36 N | 22.16 -1.09 -2.33 N | 20.48 -1.43 -0.05 N | 10.57 -0.12 -9.18 N | 9.95 -0.40 -4.47 N | 16.88 -0.90 -4.72 N | 16.00 -1.10 -1.34 N | 28.43 -1.97 -3.30 N | 17.11 -0.59 -9.90 N | 32.50 -2.67 -6.39 N | 24.49 -1.62 -8.13 N | 35.08 -3.21 -5.63 N | 47.18 -4.89 -2.09 N | 34.30 -3.33 -0.28 N | 21.40 -1.36 -8.30 N | 69.76 -5.85 -1.62 N | 64.71 -3.68 -4.56 N | 11.38 0.39 -24.20 N | 42.24 -2.20 -10.32 N | 78.99 -7.29 -0.22 N | 49.67 -3.83 -1.19 N | 38.65 -2.32 0.00 N | 35.16 -2.04 0.00 N |
| INDECK___OSWEGO 23783 | 46.62 -1.48 -1.07 N | 25.27 -0.75 -2.64 N | 21.28 -0.65 -1.01 N | 21.18 -0.69 -0.03 N | 5.94 -0.05 -4.48 N | 7.88 -0.18 -2.18 N | 14.96 -0.41 -2.30 N | 15.95 -0.47 -0.65 N | 27.91 -0.80 -1.61 N | 12.40 -0.22 -4.82 N | 31.02 -0.87 -3.11 N | 21.42 -0.53 -3.96 N | 34.40 -1.00 -2.74 N | 49.47 -1.53 -1.02 N | 36.40 -1.09 -0.14 N | 18.09 -0.42 -4.05 N | 72.96 -1.82 -0.79 N | 64.72 -1.34 -2.22 N | -1.20 0.21 -11.80 N | 38.35 -0.79 -5.03 N | 83.79 -2.39 -0.11 N | 51.44 -1.45 -0.58 N | 39.82 -1.14 0.00 N | 36.10 -1.10 0.00 N |
| INDECK___YERKES 23781 | 44.98 -4.25 -2.20 N | 26.71 -2.09 -5.41 N | 21.21 -1.76 -2.04 N | 19.97 -1.93 -0.05 N | 10.19 -0.17 -8.84 N | 9.65 -0.54 -4.30 N | 16.39 -1.22 -4.54 N | 15.55 -1.51 -1.29 N | 27.59 -2.69 -3.17 N | 16.52 -0.80 -9.52 N | 31.45 -3.48 -6.15 N | 23.70 -2.11 -7.82 N | 33.97 -4.11 -5.42 N | 45.67 -6.32 -2.02 N | 33.23 -4.38 -0.27 N | 20.69 -1.77 -7.99 N | 67.29 -8.26 -1.56 N | 62.37 -5.84 -4.39 N | 10.90 0.81 -23.30 N | 40.75 -3.30 -9.94 N | 76.27 -10.00 -0.21 N | 47.95 -5.50 -1.15 N | 37.50 -3.47 0.00 N | 34.25 -2.95 0.00 N |
| INDIAN POINT_GT_1 24139 | 65.39 3.53 -14.83 N | 61.56 1.70 -36.48 N | 36.34 1.53 -13.89 N | 23.80 1.59 -0.36 N | 63.50 0.11 -61.87 N | 36.41 0.44 -30.09 N | 45.90 1.02 -31.81 N | 26.06 1.28 -9.01 N | 51.47 2.16 -22.21 N | 75.07 0.60 -66.67 N | 74.11 2.31 -43.03 N | 74.20 1.44 -54.77 N | 73.18 2.61 -37.91 N | 68.13 4.04 -14.12 N | 39.81 2.88 0.42 N | 70.15 1.09 -54.59 N | 89.72 5.14 -10.60 N | 98.91 4.35 -30.73 N | 148.85 -1.02 -163.09 N | 106.14 2.46 -69.57 N | 93.65 6.11 -1.47 N | 64.15 3.80 -8.05 N | 44.01 3.04 0.00 N | 39.78 2.58 0.00 N |
| INDIAN POINT_GT_2 23659 | 65.39 3.53 -14.83 N | 61.56 1.70 -36.48 N | 36.34 1.53 -13.89 N | 23.80 1.59 -0.36 N | 63.50 0.11 -61.87 N | 36.41 0.44 -30.09 N | 45.90 1.02 -31.81 N | 26.06 1.28 -9.01 N | 51.47 2.16 -22.21 N | 75.07 0.60 -66.67 N | 74.11 2.31 -43.03 N | 74.20 1.44 -54.77 N | 73.18 2.61 -37.91 N | 68.13 4.04 -14.12 N | 39.81 2.88 0.42 N | 70.15 1.09 -54.59 N | 89.72 5.14 -10.60 N | 98.91 4.35 -30.73 N | 148.85 -1.02 -163.09 N | 106.14 2.46 -69.57 N | 93.65 6.11 -1.47 N | 64.15 3.80 -8.05 N | 44.01 3.04 0.00 N | 39.78 2.58 0.00 N |
| INDIAN POINT_GT_3 24019 | 65.39 3.53 -14.83 N | 61.56 1.70 -36.48 N | 36.34 1.53 -13.89 N | 23.80 1.59 -0.36 N | 63.50 0.11 -61.87 N | 36.41 0.44 -30.09 N | 45.90 1.02 -31.81 N | 26.06 1.28 -9.01 N | 51.47 2.16 -22.21 N | 75.07 0.60 -66.67 N | 74.11 2.31 -43.03 N | 74.20 1.44 -54.77 N | 73.18 2.61 -37.91 N | 68.13 4.04 -14.12 N | 39.81 2.88 0.42 N | 70.15 1.09 -54.59 N | 89.72 5.14 -10.60 N | 98.91 4.35 -30.73 N | 148.85 -1.02 -163.09 N | 106.14 2.46 -69.57 N | 93.65 6.11 -1.47 N | 64.15 3.80 -8.05 N | 44.01 3.04 0.00 N | 39.78 2.58 0.00 N |
| INDIAN POINT___2 23530 | 65.12 3.42 -14.66 N | 61.11 1.65 -36.07 N | 36.14 1.48 -13.74 N | 23.75 1.54 -0.36 N | 62.92 0.10 -61.30 N | 36.12 0.43 -29.81 N | 45.57 1.00 -31.52 N | 25.94 1.25 -8.92 N | 51.21 2.11 -22.00 N | 74.43 0.58 -66.06 N | 73.66 2.25 -42.63 N | 73.65 1.40 -54.27 N | 72.74 2.52 -37.56 N | 67.86 3.90 -13.99 N | 39.68 2.78 0.44 N | 69.60 1.05 -54.07 N | 89.44 4.96 -10.49 N | 98.46 4.19 -30.44 N | 147.37 -1.00 -161.57 N | 105.42 2.38 -68.92 N | 93.40 5.88 -1.46 N | 63.95 3.67 -7.97 N | 43.91 2.95 0.00 N | 39.69 2.49 0.00 N |

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| INDIAN POINT____3 23531 | 65.24 3.39 -14.83 N | 61.49 1.63 -36.48 N | 36.28 1.46 -13.90 N | 23.74 1.52 -0.36 N | 63.61 0.11 -61.99 N | 36.45 0.42 -30.14 N | 45.91 0.98 -31.87 N | 26.03 1.23 -9.03 N | 51.43 2.08 -22.25 N | 75.17 0.57 -66.80 N | 74.10 2.21 -43.11 N | 74.24 1.37 -54.88 N | 73.12 2.48 -37.98 N | 67.97 3.85 -14.14 N | 39.87 2.75 0.23 N | 70.32 1.04 -54.81 N | 89.53 4.89 -10.64 N | 98.75 4.14 -30.79 N | 149.20 -0.98 -163.39 N | 106.16 2.35 -69.70 N | 93.34 5.80 -1.48 N | 64.00 3.63 -8.06 N | 43.88 2.91 0.00 N | 39.67 2.47 0.00 N |
| IP CORINTH____1 23988 | 69.01 2.61 -19.37 N | 72.06 1.04 -47.64 N | 39.98 0.90 -18.15 N | 23.31 0.98 -0.47 N | 82.50 0.06 -80.93 N | 45.51 0.27 -39.36 N | 55.32 0.65 -41.61 N | 28.35 0.80 -11.78 N | 57.62 1.48 -29.05 N | 95.46 0.46 -87.21 N | 86.92 1.86 -56.29 N | 90.77 1.14 -71.64 N | 84.21 1.97 -49.59 N | 71.41 2.97 -18.47 N | 42.07 2.22 -2.50 N | 88.48 0.90 -73.11 N | 93.19 4.93 -14.28 N | 108.47 4.45 -40.19 N | 199.16 -0.94 -213.31 N | 127.36 2.26 -90.99 N | 93.49 5.50 -1.93 N | 66.15 3.32 -10.53 N | 43.33 2.36 0.00 N | 39.17 1.98 0.00 N |
| IP____TICONDEROGA 23804 | 69.55 3.63 -18.90 N | 71.29 1.42 -46.49 N | 39.89 1.26 -17.71 N | 23.70 1.39 -0.46 N | 80.47 0.09 -78.86 N | 44.62 0.39 -38.35 N | 54.52 0.91 -40.55 N | 28.30 1.05 -11.48 N | 57.24 1.84 -28.30 N | 93.33 0.55 -84.98 N | 85.79 2.16 -54.85 N | 89.12 1.32 -69.82 N | 83.32 2.34 -48.32 N | 71.54 3.58 -17.99 N | 42.49 2.71 -2.44 N | 86.88 1.16 -71.25 N | 93.44 5.54 -13.91 N | 107.91 4.91 -39.17 N | 193.58 -1.07 -207.87 N | 125.45 2.68 -88.67 N | 94.42 6.47 -1.88 N | 66.51 3.95 -10.26 N | 43.86 2.89 0.00 N | 39.90 2.71 0.00 N |
| JARVIS____ 23743 | 46.81 0.15 0.36 N | 22.57 0.07 0.88 N | 20.65 0.06 0.33 N | 21.91 0.07 0.01 N | 0.03 0.00 1.49 N | 5.18 0.02 0.73 N | 12.34 0.04 0.77 N | 15.61 0.06 0.22 N | 26.67 0.11 0.54 N | 6.22 0.03 1.61 N | 27.88 0.14 1.04 N | 16.76 0.09 1.32 N | 31.90 0.15 0.92 N | 49.84 0.21 0.34 N | 37.48 0.18 0.05 N | 13.19 0.07 1.35 N | 74.10 0.37 0.26 N | 63.47 0.38 0.74 N | -17.24 -0.09 3.93 N | 32.63 0.20 1.68 N | 86.46 0.43 0.04 N | 52.39 0.28 0.19 N | 41.15 0.19 0.00 N | 37.35 0.15 0.00 N |
| JENNISON____1 23625 | 53.16 1.02 -5.12 N | 36.47 0.50 -12.59 N | 26.26 0.53 -4.80 N | 22.53 0.56 -0.12 N | 23.04 0.06 -21.47 N | 16.50 0.17 -10.44 N | 24.51 0.42 -11.04 N | 19.45 0.55 -3.13 N | 35.77 0.97 -7.70 N | 31.24 0.31 -23.13 N | 44.81 1.10 -14.93 N | 37.59 0.60 -19.00 N | 46.77 0.96 -13.15 N | 56.34 1.47 -4.90 N | 39.17 1.16 -0.66 N | 34.31 0.45 -19.39 N | 80.90 3.12 -3.79 N | 77.49 3.00 -10.66 N | 42.66 -0.71 -56.58 N | 59.63 1.38 -24.14 N | 89.20 2.63 -0.51 N | 56.78 1.68 -2.79 N | 42.02 1.05 0.00 N | 38.07 0.87 0.00 N |
| JENNISON____2 23626 | 53.11 0.97 -5.12 N | 36.45 0.48 -12.59 N | 26.24 0.51 -4.80 N | 22.52 0.54 -0.12 N | 23.04 0.06 -21.47 N | 16.49 0.17 -10.44 N | 24.50 0.40 -11.04 N | 19.43 0.54 -3.13 N | 35.74 0.94 -7.70 N | 31.24 0.31 -23.13 N | 44.78 1.07 -14.93 N | 37.57 0.58 -19.00 N | 46.74 0.93 -13.15 N | 56.28 1.41 -4.90 N | 39.13 1.12 -0.66 N | 34.29 0.43 -19.39 N | 80.78 3.01 -3.79 N | 77.42 2.93 -10.66 N | 42.67 -0.69 -56.58 N | 59.59 1.34 -24.14 N | 89.10 2.53 -0.51 N | 56.73 1.63 -2.79 N | 41.98 1.02 0.00 N | 38.04 0.84 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 72.15 5.24 -19.89 N | 71.19 2.72 -45.09 N | 41.43 2.41 -18.10 N | 24.71 2.49 -0.36 N | 64.15 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.35 1.54 -35.75 N | 66.10 1.92 -48.41 N | 70.92 3.16 -40.66 N | 75.76 0.66 -67.29 N | 74.84 2.63 -43.43 N | 74.97 1.70 -55.28 N | 74.28 3.35 -38.26 N | 72.77 5.66 -17.14 N | 72.34 4.32 -30.68 N | 79.37 1.60 -63.30 N | 103.16 6.82 -22.35 N | 107.68 5.60 -38.25 N | 150.28 -1.11 -164.60 N | 108.41 2.87 -71.43 N | 95.53 7.18 -2.29 N | 116.67 5.08 -59.29 N | 73.21 4.26 -27.99 N | 67.47 3.93 -26.34 N |
| KEDC PORT_JEFF_GT3 24211 | 72.15 5.24 -19.89 N | 71.19 2.72 -45.09 N | 41.43 2.41 -18.10 N | 24.71 2.49 -0.36 N | 64.15 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.35 1.54 -35.75 N | 66.10 1.92 -48.41 N | 70.92 3.16 -40.66 N | 75.76 0.66 -67.29 N | 74.84 2.63 -43.43 N | 74.97 1.70 -55.28 N | 74.28 3.35 -38.26 N | 72.77 5.66 -17.14 N | 72.34 4.32 -30.68 N | 79.37 1.60 -63.30 N | 103.16 6.82 -22.35 N | 107.68 5.60 -38.25 N | 150.28 -1.11 -164.60 N | 108.41 2.87 -71.43 N | 95.53 7.18 -2.29 N | 116.67 5.08 -59.29 N | 73.21 4.26 -27.99 N | 67.47 3.93 -26.34 N |
| KEDC_GLWD_GT4 24219 | 71.68 4.77 -19.89 N | 70.80 2.33 -45.09 N | 41.11 2.09 -18.10 N | 24.37 2.16 -0.36 N | 64.12 0.16 -62.45 N | 36.85 0.59 -30.37 N | 50.17 1.36 -35.75 N | 65.88 1.70 -48.41 N | 70.63 2.87 -40.66 N | 75.83 0.75 -67.29 N | 75.12 2.91 -43.43 N | 75.09 1.82 -55.28 N | 74.31 3.39 -38.26 N | 72.44 5.33 -17.14 N | 71.94 3.92 -30.68 N | 79.26 1.49 -63.30 N | 102.91 6.57 -22.35 N | 107.71 5.63 -38.25 N | 150.12 -1.27 -164.60 N | 108.67 3.13 -71.43 N | 96.09 7.73 -2.29 N | 116.55 4.96 -59.29 N | 73.09 4.13 -27.99 N | 67.12 3.58 -26.34 N |
| KEDC_GLWD_GT5 24220 | 71.68 4.77 -19.89 N | 70.80 2.33 -45.09 N | 41.11 2.09 -18.10 N | 24.37 2.16 -0.36 N | 64.12 0.16 -62.45 N | 36.85 0.59 -30.37 N | 50.17 1.36 -35.75 N | 65.88 1.70 -48.41 N | 70.63 2.87 -40.66 N | 75.83 0.75 -67.29 N | 75.12 2.91 -43.43 N | 75.09 1.82 -55.28 N | 74.31 3.39 -38.26 N | 72.44 5.33 -17.14 N | 71.94 3.92 -30.68 N | 79.26 1.49 -63.30 N | 102.91 6.57 -22.35 N | 107.71 5.63 -38.25 N | 150.12 -1.27 -164.60 N | 108.67 3.13 -71.43 N | 96.09 7.73 -2.29 N | 116.55 4.96 -59.29 N | 73.09 4.13 -27.99 N | 67.12 3.58 -26.34 N |
| KENSICO____ 23655 | 65.77 3.80 -14.94 N | 61.96 1.84 -36.75 N | 36.56 1.64 -14.00 N | 23.92 1.70 -0.36 N | 63.97 0.12 -62.33 N | 36.67 0.47 -30.31 N | 46.21 1.09 -32.05 N | 26.20 1.36 -9.08 N | 51.78 2.31 -22.37 N | 75.61 0.64 -67.17 N | 74.59 2.46 -43.35 N | 74.70 1.53 -55.18 N | 73.64 2.79 -38.19 N | 68.52 4.32 -14.22 N | 39.65 3.10 0.80 N | 70.44 1.18 -54.79 N | 90.15 5.54 -10.62 N | 99.48 4.69 -30.96 N | 150.00 -1.09 -164.29 N | 106.82 2.63 -70.08 N | 94.04 6.50 -1.48 N | 64.49 4.08 -8.11 N | 44.23 3.26 0.00 N | 39.97 2.78 0.00 N |
| KIAC_JFK_GT1 23816 | 65.98 3.98 -14.97 N | 62.18 1.98 -36.81 N | 36.73 1.78 -14.02 N | 24.06 1.84 -0.36 N | 64.10 0.14 -62.45 N | 36.75 0.50 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.03 2.51 -22.41 N | 75.79 0.70 -67.29 N | 74.83 2.63 -43.43 N | 74.94 1.67 -55.28 N | 74.00 3.08 -38.26 N | 69.00 4.78 -14.25 N | 114.04 3.29 -73.40 N | 111.87 1.15 -96.25 N | 99.77 5.01 -20.77 N | 98.89 4.05 -31.01 N | 150.38 -1.01 -164.60 N | 106.87 2.55 -70.21 N | 93.98 6.43 -1.49 N | 64.56 4.13 -8.12 N | 44.59 3.62 0.00 N | 40.28 3.08 0.00 N |
| KIAC_JFK_GT2 23817 | 65.98 3.98 -14.97 N | 62.18 1.98 -36.81 N | 36.73 1.78 -14.02 N | 24.06 1.84 -0.36 N | 64.10 0.14 -62.45 N | 36.75 0.50 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.03 2.51 -22.41 N | 75.79 0.70 -67.29 N | 74.83 2.63 -43.43 N | 74.94 1.67 -55.28 N | 74.00 3.08 -38.26 N | 69.00 4.78 -14.25 N | 114.04 3.29 -73.40 N | 111.87 1.15 -96.25 N | 99.77 5.01 -20.77 N | 98.89 4.05 -31.01 N | 150.38 -1.01 -164.60 N | 106.87 2.55 -70.21 N | 93.98 6.43 -1.49 N | 64.56 4.13 -8.12 N | 44.59 3.62 0.00 N | 40.28 3.08 0.00 N |
| KINTIGH____ 23543 | 43.63 -5.27 -1.87 N | 25.41 -2.58 -4.60 N | 20.48 -2.19 -1.74 N | 19.54 -2.35 -0.04 N | 8.89 -0.20 -7.58 N | 8.92 -0.65 -3.68 N | 15.49 -1.47 -3.90 N | 15.07 -1.80 -1.10 N | 26.60 -3.22 -2.72 N | 15.03 -0.93 -8.17 N | 30.13 -3.91 -5.27 N | 22.30 -2.39 -6.71 N | 32.75 -4.56 -4.64 N | 44.69 -7.01 -1.73 N | 32.60 -4.98 -0.23 N | 19.35 -1.97 -6.85 N | 65.77 -9.56 -1.34 N | 60.32 -7.28 -3.76 N | 7.89 1.13 -19.97 N | 38.65 -3.98 -8.52 N | 74.85 -11.40 -0.18 N | 46.76 -6.53 -0.99 N | 36.56 -4.41 0.00 N | 33.37 -3.83 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| LEDERLE____ 23769 | 65.40 3.90 -14.47 N | 60.86 1.89 -35.60 N | 36.17 1.68 -13.56 N | 23.96 1.76 -0.35 N | 62.02 0.12 -60.38 N | 35.74 0.49 -29.36 N | 45.25 1.14 -31.04 N | 25.98 1.42 -8.79 N | 51.17 2.40 -21.67 N | 73.53 0.66 -65.07 N | 73.33 2.56 -42.00 N | 73.03 1.59 -53.45 N | 72.52 2.87 -37.00 N | 68.16 4.40 -13.78 N | 42.37 3.15 -1.87 N | 70.22 1.20 -54.55 N | 90.45 5.81 -10.65 N | 98.79 4.97 -29.99 N | 144.78 -1.17 -159.15 N | 104.82 2.82 -67.89 N | 94.46 6.96 -1.44 N | 64.46 4.30 -7.85 N | 44.37 3.40 0.00 N | 40.09 2.89 0.00 N | |
| LINDEN COGEN____ 23786 | 66.16 4.16 -14.97 N | 62.21 2.01 -36.81 N | 36.72 1.78 -14.02 N | 24.06 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.35 1.18 -32.11 N | 26.33 1.47 -9.09 N | 52.02 2.50 -22.41 N | 75.79 0.70 -67.29 N | 74.90 2.70 -43.43 N | 74.95 1.68 -55.28 N | 73.99 3.07 -38.26 N | 68.97 4.75 -14.25 N | 114.14 3.40 -73.40 N | 112.01 1.28 -96.25 N | 100.54 5.78 -20.77 N | 99.71 4.87 -31.01 N | 150.26 -1.13 -164.60 N | 107.02 2.69 -70.21 N | 94.26 6.71 -1.49 N | 64.66 4.23 -8.12 N | 44.43 3.46 0.00 N | 40.11 2.91 0.00 N | |
| LIPA_MISC_IPP 23656 | 72.25 5.34 -19.89 N | 71.22 2.75 -45.09 N | 41.48 2.46 -18.10 N | 24.75 2.54 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.69 -30.37 N | 50.38 1.58 -35.75 N | 66.14 1.96 -48.41 N | 70.99 3.23 -40.66 N | 75.80 0.71 -67.29 N | 75.01 2.80 -43.43 N | 75.06 1.79 -55.28 N | 74.42 3.50 -38.26 N | 72.95 5.84 -17.14 N | 72.45 4.43 -30.68 N | 79.39 1.62 -63.30 N | 103.95 7.61 -22.35 N | 108.44 6.36 -38.25 N | 150.09 -1.30 -164.60 N | 108.87 3.33 -71.43 N | 96.64 8.29 -2.29 N | 117.19 5.60 -59.29 N | 73.41 4.45 -27.99 N | 67.60 4.06 -26.34 N | |
| LITTLE FALLS___HYD 24013 | 49.90 3.24 0.36 N | 24.02 1.52 0.88 N | 21.91 1.33 0.33 N | 23.28 1.43 0.01 N | 0.14 0.11 1.49 N | 5.55 0.39 0.73 N | 13.20 0.90 0.77 N | 16.64 1.09 0.22 N | 28.45 1.89 0.54 N | 6.75 0.55 1.61 N | 29.84 2.10 1.04 N | 18.00 1.33 1.32 N | 34.04 2.30 0.92 N | 53.13 3.50 0.34 N | 39.91 2.62 0.05 N | 14.15 1.03 1.35 N | 79.04 5.31 0.26 N | 67.83 4.74 0.74 N | -18.21 -1.07 3.93 N | 34.91 2.47 1.68 N | 92.11 6.09 0.04 N | 55.91 3.80 0.19 N | 43.61 2.64 0.00 N | 39.43 2.24 0.00 N | |
| LONG_LAKE_PHOENIX 24014 | 46.82 -1.31 -1.10 N | 25.42 -0.66 -2.71 N | 21.38 -0.58 -1.03 N | 21.26 -0.62 -0.03 N | 6.06 -0.04 -4.59 N | 7.95 -0.17 -2.23 N | 15.06 -0.36 -2.36 N | 16.03 -0.41 -0.67 N | 28.05 -0.70 -1.65 N | 12.56 -0.19 -4.95 N | 31.22 -0.75 -3.19 N | 21.59 -0.46 -4.06 N | 34.60 -0.88 -2.81 N | 49.68 -1.34 -1.05 N | 36.55 -0.94 -0.14 N | 18.25 -0.37 -4.15 N | 73.32 -1.49 -0.81 N | 65.09 -1.02 -2.28 N | -0.96 0.14 -12.10 N | 38.64 -0.63 -5.16 N | 84.13 -2.04 -0.11 N | 51.67 -1.23 -0.60 N | 39.98 -0.99 0.00 N | 36.23 -0.97 0.00 N | |
| LOVETT___3 23632 | 64.21 2.66 -14.53 N | 60.41 1.30 -35.73 N | 35.73 1.20 -13.61 N | 23.47 1.27 -0.35 N | 62.22 0.09 -60.61 N | 35.72 0.36 -29.47 N | 45.06 0.83 -31.16 N | 25.65 1.06 -8.83 N | 50.58 1.73 -21.75 N | 73.56 0.45 -65.31 N | 72.68 1.75 -42.16 N | 72.73 1.09 -53.66 N | 71.76 1.96 -37.14 N | 66.84 3.04 -13.83 N | 41.37 2.15 -1.88 N | 70.04 0.81 -54.76 N | 88.54 3.86 -10.69 N | 97.21 3.28 -30.10 N | 145.74 -0.81 -159.76 N | 104.16 1.90 -68.15 N | 92.23 4.73 -1.44 N | 63.13 2.95 -7.88 N | 43.36 2.39 0.00 N | 39.21 2.01 0.00 N | |
| LOVETT___4 23642 | 64.73 3.17 -14.53 N | 60.66 1.55 -35.73 N | 35.94 1.41 -13.61 N | 23.69 1.48 -0.35 N | 62.23 0.10 -60.61 N | 35.78 0.42 -29.47 N | 45.19 0.96 -31.16 N | 25.81 1.22 -8.83 N | 50.87 2.02 -21.75 N | 73.65 0.54 -65.31 N | 73.01 2.08 -42.16 N | 72.94 1.30 -53.66 N | 72.13 2.34 -37.14 N | 67.40 3.60 -13.83 N | 41.79 2.57 -1.88 N | 70.20 0.98 -54.76 N | 89.39 4.71 -10.69 N | 97.95 4.02 -30.10 N | 145.58 -0.97 -159.76 N | 104.56 2.30 -68.15 N | 93.20 5.70 -1.44 N | 63.73 3.54 -7.88 N | 43.80 2.84 0.00 N | 39.60 2.40 0.00 N | |
| LOVETT___5 23593 | 64.73 3.17 -14.53 N | 60.66 1.55 -35.73 N | 35.94 1.41 -13.61 N | 23.69 1.48 -0.35 N | 62.23 0.10 -60.61 N | 35.78 0.42 -29.47 N | 45.19 0.96 -31.16 N | 25.81 1.22 -8.83 N | 50.87 2.02 -21.75 N | 73.65 0.54 -65.31 N | 73.01 2.08 -42.16 N | 72.94 1.30 -53.66 N | 72.13 2.34 -37.14 N | 67.40 3.60 -13.83 N | 41.79 2.57 -1.88 N | 70.20 0.98 -54.76 N | 89.39 4.71 -10.69 N | 97.95 4.02 -30.10 N | 145.58 -0.97 -159.76 N | 104.56 2.30 -68.15 N | 93.20 5.70 -1.44 N | 63.73 3.54 -7.88 N | 43.80 2.84 0.00 N | 39.60 2.40 0.00 N | |
| LOWER RAQUET___HYD 24057 | 45.98 -1.04 0.00 N | 22.91 -0.47 0.00 N | 20.44 -0.48 0.00 N | 21.33 -0.52 0.00 N | 1.47 -0.04 0.00 N | 5.74 -0.15 0.00 N | 12.65 -0.41 0.00 N | 15.29 -0.47 0.00 N | 26.35 -0.74 0.00 N | 7.60 -0.20 0.00 N | 28.02 -0.75 0.00 N | 17.53 -0.45 0.00 N | 31.88 -0.78 0.00 N | 48.72 -1.25 0.00 N | 36.36 -0.98 0.00 N | 14.14 -0.33 0.00 N | 71.72 -2.27 0.00 N | 61.80 -2.03 0.00 N | -12.62 0.58 0.00 N | 32.98 -1.13 0.00 N | 83.51 -2.55 0.00 N | 50.59 -1.71 0.00 N | 40.04 -0.92 0.00 N | 36.45 -0.74 0.00 N | |
| LOWER___HUDSON 24059 | 68.35 2.29 -19.04 N | 71.21 1.00 -46.83 N | 39.64 0.88 -17.84 N | 23.25 0.94 -0.46 N | 81.02 0.07 -79.44 N | 44.78 0.26 -38.63 N | 54.50 0.60 -40.84 N | 28.06 0.72 -11.57 N | 56.88 1.27 -28.51 N | 93.77 0.37 -85.60 N | 85.48 1.46 -55.25 N | 89.22 0.91 -70.32 N | 82.95 1.61 -48.67 N | 70.55 2.45 -18.12 N | 41.60 1.80 -2.46 N | 86.97 0.73 -71.76 N | 91.65 3.65 -14.01 N | 106.50 3.22 -39.45 N | 195.45 -0.72 -209.38 N | 125.14 1.72 -89.31 N | 92.08 4.13 -1.89 N | 65.16 2.52 -10.33 N | 42.85 1.88 0.00 N | 38.89 1.69 0.00 N | |
| LWR___OSWEGATCHIE_HYD 23850 | 45.43 -1.60 0.00 N | 22.60 -0.78 0.00 N | 20.17 -0.75 0.00 N | 21.04 -0.81 0.00 N | 1.45 -0.06 0.00 N | 5.67 -0.22 0.00 N | 12.47 -0.60 0.00 N | 15.11 -0.66 0.00 N | 26.05 -1.05 0.00 N | 7.52 -0.27 0.00 N | 27.73 -1.04 0.00 N | 17.35 -0.64 0.00 N | 31.56 -1.10 0.00 N | 48.29 -1.68 0.00 N | 36.05 -1.29 0.00 N | 14.01 -0.46 0.00 N | 71.64 -2.35 0.00 N | 61.95 -1.88 0.00 N | -12.71 0.50 0.00 N | 32.97 -1.14 0.00 N | 83.20 -2.86 0.00 N | 50.34 -1.96 0.00 N | 39.61 -1.35 0.00 N | 36.09 -1.10 0.00 N | |
| LYONS_FALL_HYD 23570 | 46.08 -0.95 0.00 N | 22.88 -0.50 0.00 N | 20.46 -0.46 0.00 N | 21.36 -0.49 0.00 N | 1.48 -0.04 0.00 N | 5.76 -0.13 0.00 N | 12.76 -0.30 0.00 N | 15.46 -0.31 0.00 N | 26.61 -0.49 0.00 N | 7.68 -0.12 0.00 N | 28.34 -0.44 0.00 N | 17.72 -0.27 0.00 N | 32.17 -0.49 0.00 N | 49.25 -0.72 0.00 N | 36.82 -0.53 0.00 N | 14.28 -0.19 0.00 N | 73.35 -0.64 0.00 N | 63.51 -0.32 0.00 N | -13.15 0.07 0.00 N | 33.86 -0.25 0.00 N | 85.19 -0.87 0.00 N | 51.63 -0.68 0.00 N | 40.35 -0.61 0.00 N | 36.56 -0.63 0.00 N | |
| MAPLE RIDGE_WT_1 323574 | 44.91 -1.29 0.83 N | 20.68 -0.67 2.03 N | 19.54 -0.61 0.77 N | 21.20 -0.63 0.02 N | -1.98 -0.05 3.44 N | 4.05 -0.16 1.67 N | 10.95 -0.34 1.77 N | 14.81 -0.46 0.50 N | 25.08 -0.79 1.24 N | 3.86 -0.23 3.71 N | 25.71 -0.67 2.39 N | 14.54 -0.39 3.05 N | 29.99 -0.56 2.11 N | 48.44 -0.75 0.79 N | 36.75 -0.48 0.11 N | 11.17 -0.19 3.11 N | 72.05 -1.33 0.61 N | 61.08 -1.04 1.71 N | -22.05 0.23 9.08 N | 29.89 -0.35 3.87 N | 85.37 -0.61 0.08 N | 51.44 -0.42 0.45 N | 40.61 -0.36 0.00 N | 36.89 -0.30 0.00 N | |
| MG INDUSTRY___DRP | 68.19 | 70.74 | 39.53 | 23.37 | 80.00 | 44.30 | 54.02 | 27.97 | 56.61 | 92.68 | 84.81 | 88.33 | 82.39 | 70.46 | 41.65 | 86.04 | 91.43 | 105.95 | 192.74 | 123.98 | 92.07 | 65.05 | 42.94 | 38.93 | |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| 24185 | 2.38 -18.79 N | 1.13 -46.22 N | 1.01 -17.61 N | 1.06 -0.46 N | 0.08 -78.40 N | 0.29 -38.13 N | 0.64 -40.31 N | 0.79 -11.42 N | 1.37 -28.14 N | 0.39 -84.49 N | 1.50 -54.53 N | 0.94 -69.41 N | 1.69 -48.04 N | 2.59 -17.89 N | 1.88 -2.43 N | 0.74 -70.83 N | 3.61 -13.83 N | 3.18 -38.94 N | -0.71 -206.65 N | 1.72 -88.15 N | 4.14 -1.87 N | 2.55 -10.20 N | 1.97 0.00 N | 1.73 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 45.43 -1.60 0.00 N | 22.60 -0.78 0.00 N | 20.17 -0.75 0.00 N | 21.04 -0.81 0.00 N | 1.45 -0.06 0.00 N | 5.67 -0.22 0.00 N | 12.47 -0.60 0.00 N | 15.11 -0.66 0.00 N | 26.05 -1.05 0.00 N | 7.52 -0.27 0.00 N | 27.73 -1.04 0.00 N | 17.35 -0.64 0.00 N | 31.56 -1.10 0.00 N | 48.29 -1.68 0.00 N | 36.05 -1.29 0.00 N | 14.01 -0.46 0.00 N | 71.64 -2.35 0.00 N | 61.95 -1.88 0.00 N | -12.71 0.50 0.00 N | 32.97 -1.14 0.00 N | 83.20 -2.86 0.00 N | 50.34 -1.96 0.00 N | 39.61 -1.35 0.00 N | 36.09 -1.10 0.00 N |
| MID___RAQUETTE_HYD 23851 | 45.98 -1.04 0.00 N | 22.91 -0.47 0.00 N | 20.44 -0.48 0.00 N | 21.33 -0.52 0.00 N | 1.47 -0.04 0.00 N | 5.74 -0.15 0.00 N | 12.65 -0.41 0.00 N | 15.29 -0.47 0.00 N | 26.35 -0.74 0.00 N | 7.60 -0.20 0.00 N | 28.02 -0.75 0.00 N | 17.53 -0.45 0.00 N | 31.88 -0.78 0.00 N | 48.72 -1.25 0.00 N | 36.36 -0.98 0.00 N | 14.14 -0.33 0.00 N | 71.72 -2.27 0.00 N | 61.80 -2.03 0.00 N | -12.62 0.58 0.00 N | 32.98 -1.13 0.00 N | 83.51 -2.55 0.00 N | 50.59 -1.71 0.00 N | 40.04 -0.92 0.00 N | 36.45 -0.74 0.00 N |
| MILLIKEN___1 23584 | 45.87 -3.66 -2.50 N | 27.90 -1.64 -6.16 N | 22.37 -0.90 -2.34 N | 21.01 -0.90 -0.06 N | 11.90 -0.07 -10.45 N | 10.74 -0.23 -5.08 N | 17.98 -0.46 -5.37 N | 16.79 -0.50 -1.52 N | 29.53 -1.32 -3.75 N | 18.86 -0.19 -11.26 N | 34.82 -1.22 -7.27 N | 26.10 -1.13 -9.25 N | 36.79 -2.27 -6.40 N | 48.85 -3.51 -2.38 N | 35.16 -2.50 -0.32 N | 23.12 -0.78 -9.44 N | 72.97 -2.86 -1.84 N | 66.29 -2.73 -5.19 N | 14.42 0.09 -27.53 N | 44.38 -1.47 -11.74 N | 80.87 -5.44 -0.25 N | 50.30 -3.36 -1.36 N | 38.11 -2.86 0.00 N | 34.62 -2.58 0.00 N |
| MILLIKEN___2 23585 | 45.87 -3.66 -2.50 N | 27.90 -1.64 -6.16 N | 22.37 -0.90 -2.34 N | 21.01 -0.90 -0.06 N | 11.90 -0.07 -10.45 N | 10.74 -0.23 -5.08 N | 17.98 -0.46 -5.37 N | 16.79 -0.50 -1.52 N | 29.53 -1.32 -3.75 N | 18.86 -0.19 -11.26 N | 34.82 -1.22 -7.27 N | 26.10 -1.13 -9.25 N | 36.79 -2.27 -6.40 N | 48.85 -3.51 -2.38 N | 35.16 -2.50 -0.32 N | 23.12 -0.78 -9.44 N | 72.97 -2.86 -1.84 N | 66.29 -2.73 -5.19 N | 14.42 0.09 -27.53 N | 44.38 -1.47 -11.74 N | 80.87 -5.44 -0.25 N | 50.30 -3.36 -1.36 N | 38.11 -2.86 0.00 N | 34.62 -2.58 0.00 N |
| MILLIKEN___DIESEL 23629 | 45.87 -3.66 -2.50 N | 27.90 -1.64 -6.16 N | 22.37 -0.90 -2.34 N | 21.01 -0.90 -0.06 N | 11.90 -0.07 -10.45 N | 10.74 -0.23 -5.08 N | 17.98 -0.46 -5.37 N | 16.79 -0.50 -1.52 N | 29.53 -1.32 -3.75 N | 18.86 -0.19 -11.26 N | 34.82 -1.22 -7.27 N | 26.10 -1.13 -9.25 N | 36.79 -2.27 -6.40 N | 48.85 -3.51 -2.38 N | 35.16 -2.50 -0.32 N | 23.12 -0.78 -9.44 N | 72.97 -2.86 -1.84 N | 66.29 -2.73 -5.19 N | 14.42 0.09 -27.53 N | 44.38 -1.47 -11.74 N | 80.87 -5.44 -0.25 N | 50.30 -3.36 -1.36 N | 38.11 -2.86 0.00 N | 34.62 -2.58 0.00 N |
| MODEL_CITY_ENERGY 24167 | 44.55 -4.65 -2.17 N | 26.44 -2.29 -5.35 N | 21.00 -1.94 -2.02 N | 19.77 -2.13 -0.05 N | 10.06 -0.18 -8.72 N | 9.54 -0.59 -4.24 N | 16.20 -1.35 -4.49 N | 15.38 -1.66 -1.27 N | 27.27 -2.96 -3.13 N | 16.31 -0.89 -9.40 N | 31.07 -3.77 -6.07 N | 23.42 -2.29 -7.72 N | 33.57 -4.43 -5.35 N | 45.16 -6.80 -1.99 N | 32.85 -4.76 -0.27 N | 20.44 -1.91 -7.88 N | 66.46 -9.07 -1.54 N | 61.59 -6.57 -4.33 N | 10.73 0.95 -22.99 N | 40.28 -3.64 -9.81 N | 75.38 -10.89 -0.21 N | 47.41 -6.03 -1.13 N | 37.14 -3.83 0.00 N | 33.93 -3.27 0.00 N |
| MODERN_LFGE___ 323580 | 44.55 -4.65 -2.17 N | 26.44 -2.29 -5.35 N | 21.00 -1.94 -2.02 N | 19.77 -2.13 -0.05 N | 10.06 -0.18 -8.72 N | 9.54 -0.59 -4.24 N | 16.20 -1.35 -4.49 N | 15.38 -1.66 -1.27 N | 27.27 -2.96 -3.13 N | 16.31 -0.89 -9.40 N | 31.07 -3.77 -6.07 N | 23.42 -2.29 -7.72 N | 33.57 -4.43 -5.35 N | 45.16 -6.80 -1.99 N | 32.85 -4.76 -0.27 N | 20.44 -1.91 -7.88 N | 66.46 -9.07 -1.54 N | 61.59 -6.57 -4.33 N | 10.73 0.95 -22.99 N | 40.28 -3.64 -9.81 N | 75.38 -10.89 -0.21 N | 47.41 -6.03 -1.13 N | 37.14 -3.83 0.00 N | 33.93 -3.27 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 68.90 2.61 -19.26 N | 71.94 1.19 -47.37 N | 40.03 1.06 -18.04 N | 23.44 1.12 -0.47 N | 81.95 0.08 -80.35 N | 45.27 0.31 -39.07 N | 55.07 0.70 -41.31 N | 28.32 0.85 -11.70 N | 57.43 1.50 -28.84 N | 94.82 0.44 -86.59 N | 86.36 1.69 -55.89 N | 90.18 1.06 -71.14 N | 83.79 1.89 -49.24 N | 71.16 2.86 -18.33 N | 41.92 2.09 -2.49 N | 87.90 0.84 -72.60 N | 92.45 4.28 -14.17 N | 107.52 3.79 -39.91 N | 197.76 -0.83 -211.80 N | 126.45 2.00 -90.35 N | 92.77 4.80 -1.91 N | 65.67 2.92 -10.45 N | 43.17 2.20 0.00 N | 39.15 1.96 0.00 N |
| MONGAUP___HYD 23641 | 64.51 3.84 -13.65 N | 58.79 1.85 -33.57 N | 35.35 1.64 -12.79 N | 23.89 1.70 -0.33 N | 58.57 0.12 -56.94 N | 34.05 0.47 -27.69 N | 43.42 1.08 -29.27 N | 25.41 1.35 -8.29 N | 49.87 2.33 -20.44 N | 69.82 0.67 -61.35 N | 70.93 2.55 -39.60 N | 69.98 1.59 -50.40 N | 70.42 2.88 -34.89 N | 67.39 4.43 -12.99 N | 42.32 3.21 -1.76 N | 67.13 1.23 -51.44 N | 90.27 6.24 -10.04 N | 97.57 5.46 -28.28 N | 135.64 -1.23 -150.07 N | 101.11 2.98 -64.02 N | 94.70 7.28 -1.36 N | 64.14 4.43 -7.40 N | 44.38 3.41 0.00 N | 40.07 2.88 0.00 N |
| MONTAUK___DIESEL 23721 | 73.64 6.72 -19.89 N | 71.86 3.38 -45.09 N | 42.03 3.00 -18.10 N | 25.33 3.11 -0.36 N | 64.19 0.23 -62.45 N | 37.11 0.85 -30.37 N | 50.75 1.94 -35.75 N | 66.59 2.41 -48.41 N | 71.81 4.04 -40.66 N | 76.04 0.95 -67.29 N | 75.93 3.72 -43.43 N | 75.65 2.38 -55.28 N | 75.48 4.56 -38.26 N | 74.58 7.47 -17.14 N | 73.68 5.66 -30.68 N | 79.86 2.09 -63.30 N | 106.78 10.44 -22.35 N | 111.02 8.95 -38.25 N | 149.56 -1.83 -164.60 N | 110.22 4.68 -71.43 N | 99.94 11.58 -2.29 N | 119.13 7.53 -59.29 N | 74.79 5.83 -27.99 N | 68.74 5.20 -26.34 N |
| N SALMON___HYD 24042 | 47.51 0.48 0.00 N | 23.70 0.32 0.00 N | 21.16 0.24 0.00 N | 22.07 0.22 0.00 N | 1.53 0.02 0.00 N | 5.94 0.06 0.00 N | 13.18 0.12 0.00 N | 15.91 0.14 0.00 N | 27.46 0.36 0.00 N | 7.91 0.12 0.00 N | 29.22 0.44 0.00 N | 18.26 0.27 0.00 N | 33.18 0.52 0.00 N | 50.71 0.74 0.00 N | 37.80 0.46 0.00 N | 14.64 0.18 0.00 N | 74.78 0.79 0.00 N | 64.50 0.67 0.00 N | -13.19 0.02 0.00 N | 34.37 0.26 0.00 N | 87.04 0.98 0.00 N | 52.81 0.51 0.00 N | 41.44 0.47 0.00 N | 37.68 0.48 0.00 N |
| N.E_GEN_SANDY PD 24062 | 67.33 2.56 -17.75 N | 68.17 1.14 -43.65 N | 38.57 1.02 -16.63 N | 23.37 1.09 -0.43 N | 40.00 1.09 -17.04 N | 42.19 0.30 -36.00 N | 51.82 0.69 -38.07 N | 39.50 0.95 -20.17 N | 63.97 0.74 -49.00 N | 58.88 0.82 -42.91 N | 58.00 0.30 -52.17 N | 59.00 0.96 -40.99 N | 59.00 0.93 -40.89 N | 58.00 1.11 -36.42 N | 41.59 1.95 -2.29 N | 82.14 0.79 -66.89 N | 51.00 1.62 -17.84 N | 47.00 3.00 11.96 N | 59.00 3.16 1.63 N | 45.00 2.91 13.81 N | 57.00 2.41 -6.40 N | 61.29 2.04 -19.91 N | 54.00 2.63 -0.51 N | 39.07 1.87 0.00 N |
| NARROWS_GT1_1 24228 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |

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| NARROWS_GT1_2 24229 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_3 24230 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_4 24231 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_5 24232 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_6 24233 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_7 24234 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT1_8 24235 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_1 24236 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_2 24237 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_3 24238 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_4 24239 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_5 24240 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_6 24241 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |
| NARROWS_GT2_7 24242 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| NARROWS_GT2_8 24243 | 66.36 4.37 -14.97 N | 62.30 2.11 -36.81 N | 36.79 1.84 -14.02 N | 24.12 1.90 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.83 0.74 -67.29 N | 75.03 2.82 -43.43 N | 75.05 1.78 -55.28 N | 74.15 3.23 -38.26 N | 69.22 5.00 -14.25 N | 97.93 3.55 -57.04 N | 102.93 1.32 -87.14 N | 98.50 5.97 -18.54 N | 99.88 5.04 -31.01 N | 150.19 -1.20 -164.60 N | 107.26 2.94 -70.21 N | 94.90 7.35 -1.49 N | 65.06 4.63 -8.12 N | 44.68 3.71 0.00 N | 40.29 3.10 0.00 N | |
| NEG CAPITAL___MECHNVIL 23645 | 68.60 2.48 -19.09 N | 71.41 1.06 -46.97 N | 39.75 0.93 -17.89 N | 23.31 0.99 -0.46 N | 81.25 0.07 -79.67 N | 44.90 0.28 -38.74 N | 54.66 0.64 -40.96 N | 28.15 0.78 -11.60 N | 57.10 1.40 -28.59 N | 94.06 0.42 -85.85 N | 85.84 1.65 -55.41 N | 89.54 1.03 -70.53 N | 83.29 1.82 -48.81 N | 70.90 2.75 -18.18 N | 41.84 2.04 -2.47 N | 87.27 0.83 -71.97 N | 92.31 4.27 -14.05 N | 107.19 3.80 -39.57 N | 195.94 -0.84 -209.98 N | 125.69 2.01 -89.57 N | 92.76 4.81 -1.90 N | 65.56 2.90 -10.36 N | 43.09 2.12 0.00 N | 39.04 1.85 0.00 N | |
| NEG CENTRAL_HIGH_ACRES 23767 | 45.39 -3.40 -1.76 N | 26.05 -1.66 -4.33 N | 21.16 -1.40 -1.64 N | 20.38 -1.52 -0.04 N | 8.51 -0.13 -7.12 N | 8.93 -0.41 -3.46 N | 15.81 -0.92 -3.66 N | 15.72 -1.08 -1.04 N | 27.74 -1.91 -2.55 N | 14.93 -0.54 -7.67 N | 31.47 -2.25 -4.95 N | 22.92 -1.37 -6.30 N | 34.40 -2.62 -4.36 N | 47.56 -4.04 -1.63 N | 34.72 -2.85 -6.43 N | 19.79 -1.11 -5.11 N | 70.13 -5.11 -1.26 N | 63.61 -3.75 -3.54 N | 6.07 0.52 -18.76 N | 40.01 -2.10 -8.00 N | 79.83 -6.40 -0.17 N | 49.44 -3.79 -0.92 N | 38.28 -2.69 0.00 N | 34.72 -2.48 0.00 N | |
| NEG CENTRAL___DRP 24199 | 47.17 -2.31 -2.45 N | 28.35 -1.05 -6.02 N | 22.48 -0.73 -2.29 N | 21.11 -0.80 -0.06 N | 11.68 -0.05 -10.22 N | 10.66 -0.19 -4.97 N | 17.92 -0.39 -5.25 N | 16.82 -0.43 -1.49 N | 29.88 -0.89 -3.67 N | 18.62 -0.19 -7.11 N | 34.91 -0.97 -7.11 N | 26.42 -0.61 -9.04 N | 37.68 -1.24 -6.26 N | 50.35 -1.96 -2.33 N | 36.32 -1.34 -0.32 N | 23.15 -0.55 -9.23 N | 73.93 -1.87 -1.80 N | 67.63 -1.28 -5.07 N | 13.68 -0.04 -26.93 N | 44.65 -0.95 -11.49 N | 82.54 -3.76 -0.24 N | 51.58 -2.05 -1.33 N | 39.29 -1.68 0.00 N | 35.71 -1.49 0.00 N | |
| NEG CENTRAL___INDECK 23768 | 48.63 -0.96 -2.56 N | 29.17 -0.50 -6.29 N | 22.94 -0.38 -2.40 N | 21.45 -0.46 -0.06 N | 12.16 -0.03 -10.67 N | 10.96 -0.11 -5.19 N | 18.31 -0.24 -5.49 N | 17.08 -0.24 -1.55 N | 30.56 -0.38 -3.83 N | 19.21 -0.10 -7.43 N | 35.57 -0.63 -9.45 N | 27.06 -0.38 -9.45 N | 38.27 -0.93 -6.54 N | 50.97 -1.43 -2.44 N | 36.87 -0.81 -0.33 N | 23.74 -0.37 -9.65 N | 75.10 -0.77 -1.88 N | 69.49 0.36 -5.30 N | 14.57 -0.36 -28.14 N | 46.09 -0.02 -12.00 N | 84.66 -1.65 -0.25 N | 53.01 -0.69 -1.39 N | 40.58 -0.39 0.00 N | 36.75 -0.44 0.00 N | |
| NEG CENTRAL___SENECA 23627 | 47.17 -2.31 -2.45 N | 28.36 -1.05 -6.02 N | 22.49 -0.73 -2.29 N | 21.12 -0.79 -0.06 N | 11.68 -0.05 -10.22 N | 10.66 -0.19 -4.97 N | 17.93 -0.39 -5.25 N | 16.82 -0.43 -1.49 N | 29.87 -0.90 -3.67 N | 18.62 -0.19 -7.11 N | 34.90 -0.97 -7.11 N | 26.42 -0.61 -9.04 N | 37.66 -1.26 -6.26 N | 50.32 -1.98 -2.33 N | 36.30 -1.36 -0.32 N | 23.13 -0.56 -9.23 N | 73.84 -1.95 -1.80 N | 67.53 -1.37 -5.07 N | 13.70 -0.02 -26.93 N | 44.60 -1.00 -11.49 N | 82.45 -3.86 -0.24 N | 51.54 -2.10 -1.33 N | 39.27 -1.70 0.00 N | 35.70 -1.50 0.00 N | |
| NEG CENTRAL___STATE_STREET 24147 | 46.83 -1.99 -1.79 N | 26.87 -0.91 -4.40 N | 22.02 -0.58 -1.68 N | 21.25 -0.64 -0.04 N | 8.93 -0.04 -7.46 N | 9.35 -0.16 -3.63 N | 16.58 -0.33 -3.84 N | 16.49 -0.37 -1.09 N | 28.95 -0.83 -2.68 N | 15.69 -0.15 -8.04 N | 33.13 -0.84 -5.19 N | 23.94 -0.65 -6.61 N | 35.95 -1.28 -4.57 N | 49.72 -1.95 -1.70 N | 36.25 -1.33 -0.23 N | 20.77 -0.44 -6.74 N | 73.84 -1.46 -1.32 N | 66.43 -1.11 -3.71 N | 6.40 -0.06 -19.67 N | 41.75 -0.75 -8.39 N | 83.26 -2.98 -0.18 N | 51.55 -1.72 -0.97 N | 39.54 -1.43 0.00 N | 35.87 -1.33 0.00 N | |
| NEG MILLWOOD___DRP 24198 | 66.37 4.04 -15.30 N | 62.96 1.95 -37.63 N | 36.99 1.74 -14.33 N | 24.04 1.82 -0.37 N | 65.47 0.13 -63.83 N | 37.42 0.50 -31.04 N | 47.04 1.16 -32.81 N | 26.52 1.46 -9.29 N | 52.50 2.49 -22.91 N | 77.27 0.70 -68.77 N | 75.83 2.67 -44.39 N | 76.14 1.65 -56.50 N | 74.76 3.00 -39.11 N | 69.14 4.61 -14.56 N | 42.64 3.32 -1.98 N | 73.39 1.26 -57.66 N | 91.43 6.18 -11.26 N | 100.87 5.34 -31.70 N | 153.80 -1.22 -168.23 N | 108.84 2.97 -71.76 N | 94.88 7.30 -1.52 N | 65.11 4.51 -8.30 N | 44.51 3.54 0.00 N | 40.17 2.97 0.00 N | |
| NEG NORTH_FLCN_SEA 23793 | 45.70 -1.33 0.00 N | 22.89 -0.49 0.00 N | 20.48 -0.44 0.00 N | 21.31 -0.54 0.00 N | 1.48 -0.04 0.00 N | 5.73 -0.15 0.00 N | 12.73 -0.33 0.00 N | 15.30 -0.47 0.00 N | 26.39 -0.71 0.00 N | 7.59 -0.21 0.00 N | 28.03 -0.75 0.00 N | 17.57 -0.42 0.00 N | 31.97 -0.69 0.00 N | 48.90 -1.07 0.00 N | 36.50 -0.85 0.00 N | 14.13 -0.34 0.00 N | 71.97 -2.02 0.00 N | 62.00 -1.83 0.00 N | -12.70 0.51 0.00 N | 33.05 -1.06 0.00 N | 83.74 -2.33 0.00 N | 50.90 -1.41 0.00 N | 39.91 -1.06 0.00 N | 36.44 -0.76 0.00 N | |
| NEG NORTH_KES_CHATEGAY 23792 | 46.32 -0.70 0.00 N | 23.15 -0.23 0.00 N | 20.69 -0.23 0.00 N | 21.56 -0.29 0.00 N | 1.49 -0.02 0.00 N | 5.80 -0.09 0.00 N | 12.87 -0.19 0.00 N | 15.50 -0.27 0.00 N | 26.70 -0.40 0.00 N | 7.68 -0.12 0.00 N | 28.35 -0.42 0.00 N | 17.75 -0.23 0.00 N | 32.28 -0.38 0.00 N | 49.36 -0.61 0.00 N | 36.84 -0.50 0.00 N | 14.27 -0.20 0.00 N | 72.76 -1.23 0.00 N | 62.66 -1.17 0.00 N | -12.84 0.37 0.00 N | 33.47 -0.64 0.00 N | 84.81 -1.25 0.00 N | 51.48 -0.83 0.00 N | 40.39 -0.58 0.00 N | 36.81 -0.39 0.00 N | |
| NEG NORTH___ALICE_FALLS 23915 | 46.03 -1.00 0.00 N | 23.05 -0.33 0.00 N | 20.61 -0.31 0.00 N | 21.46 -0.40 0.00 N | 1.49 -0.03 0.00 N | 5.77 -0.11 0.00 N | 12.81 -0.25 0.00 N | 15.41 -0.36 0.00 N | 26.57 -0.54 0.00 N | 7.64 -0.16 0.00 N | 28.23 -0.55 0.00 N | 17.69 -0.30 0.00 N | 32.18 -0.48 0.00 N | 49.23 -0.74 0.00 N | 36.74 -0.60 0.00 N | 14.22 -0.24 0.00 N | 72.50 -1.49 0.00 N | 62.47 -1.36 0.00 N | -12.80 0.42 0.00 N | 33.30 -0.81 0.00 N | 84.37 -1.70 0.00 N | 51.27 -1.04 0.00 N | 40.19 -0.78 0.00 N | 36.68 -0.52 0.00 N | |
| NEG NORTH___LWR_SARANAC 23913 | 46.03 -1.00 0.00 N | 23.05 -0.33 0.00 N | 20.61 -0.31 0.00 N | 21.46 -0.40 0.00 N | 1.49 -0.03 0.00 N | 5.77 -0.11 0.00 N | 12.81 -0.25 0.00 N | 15.41 -0.36 0.00 N | 26.57 -0.53 0.00 N | 7.64 -0.16 0.00 N | 28.23 -0.55 0.00 N | 17.69 -0.30 0.00 N | 32.18 -0.48 0.00 N | 49.24 -0.73 0.00 N | 36.74 -0.60 0.00 N | 14.23 -0.24 0.00 N | 72.50 -1.49 0.00 N | 62.47 -1.36 0.00 N | -12.80 0.41 0.00 N | 33.30 -0.81 0.00 N | 84.37 -1.69 0.00 N | 51.27 -1.04 0.00 N | 40.19 -0.78 0.00 N | 36.68 -0.52 0.00 N | |
| NEG NORTH___PLATTSBURG 23628 | 46.03 -1.00 0.00 N | 23.05 -0.33 0.00 N | 20.61 -0.31 0.00 N | 21.46 -0.40 0.00 N | 1.49 -0.03 0.00 N | 5.77 -0.11 0.00 N | 12.81 -0.25 0.00 N | 15.41 -0.36 0.00 N | 26.57 -0.54 0.00 N | 7.64 -0.16 0.00 N | 28.23 -0.55 0.00 N | 17.69 -0.30 0.00 N | 32.18 -0.48 0.00 N | 49.23 -0.74 0.00 N | 36.74 -0.60 0.00 N | 14.22 -0.24 0.00 N | 72.50 -1.49 0.00 N | 62.47 -1.36 0.00 N | -12.80 0.42 0.00 N | 33.30 -0.81 0.00 N | 84.37 -1.70 0.00 N | 51.27 -1.04 0.00 N | 40.19 -0.78 0.00 N | 36.68 -0.52 0.00 N | |
| NEG WEST_LEA_LOCKPORT | 44.58 | 26.40 | 21.01 | 19.80 | 9.95 | 9.49 | 16.17 | 15.39 | 27.28 | 16.21 | 31.05 | 23.35 | 33.55 | 45.22 | 32.91 | 20.36 | 66.58 | 61.67 | 10.40 | 40.21 | 75.53 | 47.49 | 37.19 | 33.98 | |

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|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------------------|
| 23791 | -4.59 -2.15 N | -2.26 -5.28 N | -1.90 -1.99 N | -2.10 -0.05 N | -0.18 -8.61 N | -0.58 -4.19 N | -1.32 -4.43 N | -1.63 -1.25 N | -2.91 -3.09 N | -0.87 -9.28 N | -3.72 -5.99 N | -2.26 -7.62 N | -4.38 -5.28 N | -6.72 -1.96 N | -4.69 -0.27 N | -1.88 -7.78 N | -8.92 -1.52 N | -6.44 -4.27 N | 0.92 -22.69 N | -3.58 -9.68 N | -10.74 -0.20 N | -5.93 -1.12 N | -3.78 0.00 N | -3.22 0.00 N |
| NEG WEST____LANCASTR 23811 | 46.04 -3.60 -2.61 N | 28.03 -1.78 -6.43 N | 21.84 -1.51 -2.44 N | 20.28 -1.63 -0.06 N | 12.10 -0.09 -10.67 N | 10.66 -0.42 -5.19 N | 17.62 -0.93 -5.49 N | 16.11 -1.21 -1.55 N | 28.86 -2.08 -3.83 N | 18.68 -0.62 -11.50 N | 33.64 -2.56 -7.43 N | 25.82 -1.62 -9.45 N | 36.02 -3.19 -6.54 N | 47.60 -4.81 -2.44 N | 34.37 -3.31 -0.33 N | 22.73 -1.39 -9.65 N | 69.66 -6.21 -1.88 N | 64.83 -4.30 -5.30 N | 15.58 0.65 -28.14 N | 43.50 -2.61 -12.00 N | 78.09 -8.23 -0.25 N | 49.38 -4.31 -1.39 N | 37.96 -3.01 0.00 N | 34.70 -2.50 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 52.16 0.18 -4.95 N | 35.65 0.09 -12.18 N | 25.68 0.12 -4.65 N | 22.10 0.13 -0.12 N | 22.33 0.04 -20.78 N | 16.05 0.06 -10.10 N | 23.89 0.15 -10.68 N | 18.96 0.16 -3.03 N | 34.87 0.32 -7.46 N | 30.28 0.09 -22.39 N | 43.55 0.32 -14.45 N | 36.53 0.15 -18.39 N | 45.56 0.17 -12.73 N | 54.99 0.27 -4.74 N | 38.29 0.31 -0.64 N | 33.32 0.08 -18.77 N | 78.57 0.92 -3.67 N | 75.28 1.13 -10.32 N | 41.29 -0.26 -54.77 N | 57.82 0.35 -23.36 N | 86.73 0.17 -0.49 N | 55.38 0.37 -2.70 N | 41.13 0.16 0.00 N | 37.39 0.19 0.00 N |
| NEG____GEN_MONROE 24207 | 46.43 -2.50 -1.90 N | 26.82 -1.24 -4.67 N | 21.67 -1.02 -1.77 N | 20.75 -1.15 -0.05 N | 9.11 -0.10 -7.69 N | 9.31 -0.32 -3.74 N | 16.32 -0.70 -3.96 N | 16.10 -0.79 -1.12 N | 28.48 -1.38 -2.76 N | 15.70 -0.39 -8.29 N | 32.33 -1.79 -5.35 N | 23.75 -1.05 -6.81 N | 35.26 -2.11 -4.71 N | 48.45 -3.27 -1.75 N | 35.40 -2.18 -0.24 N | 20.55 -0.87 -6.95 N | 71.82 -3.53 -1.36 N | 65.63 -2.01 -3.82 N | 7.15 0.09 -20.27 N | 41.53 -1.23 -8.65 N | 81.61 -4.64 -0.18 N | 50.65 -2.65 -1.00 N | 39.24 -1.73 0.00 N | 35.53 -1.67 0.00 N |
| NEPA____ENERGY 23901 | 48.47 -2.16 -3.60 N | 31.16 -1.09 -8.87 N | 23.44 -0.93 -3.45 N | 20.97 -0.98 -0.10 N | 17.94 0.01 -16.42 N | 13.66 -0.21 -7.98 N | 21.07 -0.43 -8.44 N | 17.52 -0.64 -2.39 N | 31.99 -1.01 -5.89 N | 25.19 -0.30 -17.69 N | 39.13 -1.07 -11.42 N | 31.75 -0.76 -14.53 N | 41.14 -1.58 -10.06 N | 51.42 -2.29 -3.74 N | 36.36 -1.49 -0.51 N | 28.59 -0.71 -14.83 N | 73.93 -2.96 -2.90 N | 70.05 -1.93 -8.15 N | 30.44 0.38 -43.27 N | 51.07 -1.49 -18.46 N | 81.35 -5.11 -0.39 N | 52.06 -2.38 -2.14 N | 38.92 -2.05 0.00 N | 35.61 -1.59 0.00 N |
| NEVERSINK____HYD 23608 | 61.86 1.92 -12.90 N | 56.06 0.94 -31.74 N | 33.86 0.84 -12.10 N | 23.03 0.87 -0.31 N | 55.53 0.06 -53.95 N | 32.37 0.24 -26.24 N | 41.37 0.56 -27.74 N | 24.34 0.71 -7.86 N | 47.68 1.21 -19.36 N | 66.28 0.34 -58.14 N | 67.62 1.32 -37.52 N | 66.57 0.82 -47.76 N | 67.19 1.47 -33.06 N | 64.57 2.29 -12.31 N | 40.65 1.64 -1.67 N | 63.83 0.62 -48.74 N | 86.52 3.02 -9.52 N | 93.25 2.63 -26.80 N | 128.37 -0.63 -142.21 N | 96.25 1.48 -60.66 N | 90.91 3.56 -1.29 N | 61.52 2.20 -7.02 N | 42.67 1.70 0.00 N | 38.60 1.40 0.00 N |
| NEWTON____FALLS_HYD 23847 | 45.43 -1.60 0.00 N | 22.60 -0.78 0.00 N | 20.17 -0.75 0.00 N | 21.04 -0.81 0.00 N | 1.45 -0.06 0.00 N | 5.67 -0.22 0.00 N | 12.47 -0.60 0.00 N | 15.11 -0.66 0.00 N | 26.05 -1.05 0.00 N | 7.52 -0.27 0.00 N | 27.73 -1.04 0.00 N | 17.35 -0.64 0.00 N | 31.56 -1.10 0.00 N | 48.29 -1.68 0.00 N | 36.05 -1.29 0.00 N | 14.01 -0.46 0.00 N | 71.64 -2.35 0.00 N | 61.95 -1.88 0.00 N | -12.71 0.50 0.00 N | 32.97 -1.14 0.00 N | 83.20 -2.86 0.00 N | 50.34 -1.96 0.00 N | 39.61 -1.35 0.00 N | 36.09 -1.10 0.00 N |
| NIAGARA____ 23760 | 43.79 -5.33 -2.09 N | 25.91 -2.61 -5.14 N | 20.65 -2.21 -1.94 N | 19.48 -2.41 -0.05 N | 9.69 -0.21 -8.38 N | 9.29 -0.67 -4.08 N | 15.84 -1.54 -4.31 N | 15.09 -1.90 -1.22 N | 26.73 -3.38 -3.01 N | 15.82 -1.01 -9.03 N | 30.34 -4.26 -5.83 N | 22.81 -2.59 -7.42 N | 32.83 -4.97 -5.13 N | 44.25 -7.63 -1.91 N | 32.21 -5.39 -0.26 N | 19.89 -2.15 -7.57 N | 65.00 -10.47 -1.48 N | 60.13 -7.86 -4.16 N | 10.08 1.21 -22.09 N | 39.25 -4.29 -9.42 N | 73.84 -12.43 -0.20 N | 46.43 -6.97 -1.09 N | 36.47 -4.49 0.00 N | 33.37 -3.82 0.00 N |
| NINE_MILE_1 23575 | 46.23 -1.70 -0.91 N | 24.77 -0.85 -2.23 N | 21.04 -0.73 -0.85 N | 21.10 -0.78 -0.02 N | 5.25 -0.06 -3.79 N | 7.52 -0.21 -1.84 N | 14.55 -0.46 -1.95 N | 15.77 -0.55 -0.55 N | 27.51 -0.95 -1.36 N | 11.61 -0.27 -4.08 N | 30.36 -1.05 -2.63 N | 20.69 -0.65 -3.35 N | 33.76 -1.22 -2.32 N | 48.97 -1.87 -0.86 N | 36.11 -1.35 -0.12 N | 17.37 -0.52 -3.42 N | 72.19 -2.47 -0.67 N | 63.76 -1.95 -1.88 N | -2.89 0.33 -9.99 N | 37.29 -1.08 -4.26 N | 83.09 -3.07 -0.09 N | 50.97 -1.82 -0.49 N | 39.58 -1.39 0.00 N | 35.91 -1.28 0.00 N |
| NINE_MILE_2 23744 | 46.24 -1.69 -0.91 N | 24.77 -0.85 -2.23 N | 21.04 -0.73 -0.85 N | 21.10 -0.77 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.21 -1.84 N | 14.55 -0.46 -1.95 N | 15.77 -0.54 -0.55 N | 27.52 -0.94 -1.36 N | 11.62 -0.27 -4.08 N | 30.36 -1.05 -2.63 N | 20.69 -0.65 -3.35 N | 33.77 -1.21 -2.32 N | 48.98 -1.85 -0.86 N | 36.12 -1.34 -0.12 N | 17.37 -0.52 -3.42 N | 72.20 -2.46 -0.67 N | 63.78 -1.93 -1.88 N | -2.89 0.33 -9.99 N | 37.29 -1.08 -4.26 N | 83.10 -3.06 -0.09 N | 50.97 -1.82 -0.49 N | 39.58 -1.39 0.00 N | 35.91 -1.28 0.00 N |
| NM_CAPITAL____DRP 24208 | 68.66 2.54 -19.09 N | 71.51 1.16 -46.97 N | 39.85 1.04 -17.89 N | 23.41 1.09 -0.46 N | 81.26 0.08 -79.67 N | 44.93 0.30 -38.74 N | 54.70 0.68 -40.96 N | 28.19 0.82 -11.60 N | 57.14 1.44 -28.59 N | 94.07 0.42 -85.85 N | 85.80 1.62 -55.41 N | 89.52 1.01 -70.53 N | 83.27 1.80 -48.81 N | 70.88 2.73 -18.18 N | 41.79 1.98 -2.47 N | 87.23 0.79 -71.97 N | 92.01 3.96 -14.05 N | 106.89 3.49 -39.57 N | 196.00 -0.77 -209.98 N | 125.55 1.86 -89.57 N | 92.44 4.48 -1.90 N | 65.38 2.71 -10.36 N | 43.05 2.09 0.00 N | 39.07 1.87 0.00 N |
| NM_CENTRAL____DRP 24181 | 47.19 -0.99 -1.16 N | 25.72 -0.51 -2.84 N | 21.58 -0.42 -1.08 N | 21.43 -0.45 -0.03 N | 6.31 -0.03 -4.82 N | 8.11 -0.12 -2.35 N | 15.29 -0.25 -2.48 N | 16.19 -0.28 -0.70 N | 28.35 -0.48 -1.73 N | 12.87 -0.12 -5.20 N | 31.58 -0.55 -3.35 N | 21.91 -0.35 -4.27 N | 34.93 -0.68 -2.95 N | 50.02 -1.05 -1.10 N | 36.78 -0.71 -0.15 N | 18.54 -0.28 -4.36 N | 73.73 -1.11 -0.85 N | 65.56 -0.66 -2.39 N | -0.45 0.06 -12.71 N | 39.07 -0.46 -5.42 N | 84.54 -1.64 -0.11 N | 51.96 -0.97 -0.63 N | 40.21 -0.76 0.00 N | 36.47 -0.72 0.00 N |
| NM_FRONTIER____DRP 24179 | 44.12 -5.05 -2.15 N | 26.19 -2.47 -5.28 N | 20.82 -2.09 -1.99 N | 19.60 -2.30 -0.05 N | 9.93 -0.20 -8.61 N | 9.43 -0.64 -4.19 N | 16.03 -1.47 -4.43 N | 15.21 -1.81 -1.25 N | 26.96 -3.23 -3.09 N | 16.11 -0.97 -9.28 N | 30.66 -4.10 -5.99 N | 23.12 -2.49 -7.62 N | 33.15 -4.78 -5.28 N | 44.58 -7.35 -1.96 N | 32.45 -5.16 -0.27 N | 20.18 -2.07 -7.78 N | 65.56 -9.95 -1.52 N | 60.76 -7.35 -4.27 N | 10.58 1.09 -22.69 N | 39.76 -4.03 -9.68 N | 74.43 -11.83 -0.20 N | 46.83 -6.60 -1.12 N | 36.76 -4.21 0.00 N | 33.62 -3.58 0.00 N |
| NM_ST_REGIS____HYD 24053 | 46.39 -0.64 0.00 N | 23.13 -0.25 0.00 N | 20.64 -0.28 0.00 N | 21.53 -0.32 0.00 N | 1.49 -0.03 0.00 N | 5.79 -0.09 0.00 N | 12.79 -0.27 0.00 N | 15.45 -0.32 0.00 N | 26.64 -0.46 0.00 N | 7.68 -0.12 0.00 N | 28.34 -0.44 0.00 N | 17.73 -0.26 0.00 N | 32.23 -0.43 0.00 N | 49.26 -0.71 0.00 N | 36.75 -0.59 0.00 N | 14.27 -0.20 0.00 N | 72.51 -1.48 0.00 N | 62.51 -1.32 0.00 N | -12.77 0.44 0.00 N | 33.35 -0.76 0.00 N | 84.44 -1.63 0.00 N | 51.18 -1.12 0.00 N | 40.43 -0.54 0.00 N | 36.79 -0.41 0.00 N |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| NORTHPORT___1 23551 | 71.50 4.59 -19.89 N | 70.90 2.42 -45.09 N | 41.23 2.20 -18.10 N | 24.50 2.29 -0.36 N | 64.13 0.17 -62.45 N | 36.88 0.62 -30.37 N | 50.22 1.42 -35.75 N | 65.94 1.76 -48.41 N | 70.60 2.84 -40.66 N | 75.68 0.59 -67.29 N | 74.55 2.34 -43.43 N | 74.77 1.50 -55.28 N | 73.89 2.97 -38.26 N | 72.13 5.02 -17.14 N | 71.84 3.82 -30.68 N | 79.13 1.37 -63.30 N | 102.50 6.16 -22.35 N | 107.09 5.01 -38.25 N | 150.34 -1.05 -164.60 N | 108.27 2.73 -71.43 N | 95.17 6.82 -2.29 N | 116.25 4.66 -59.29 N | 72.70 3.75 -27.99 N | 67.08 3.54 -26.34 N |
| NORTHPORT___2 23552 | 71.50 4.59 -19.89 N | 70.90 2.42 -45.09 N | 41.23 2.20 -18.10 N | 24.50 2.29 -0.36 N | 64.13 0.17 -62.45 N | 36.88 0.62 -30.37 N | 50.22 1.42 -35.75 N | 65.94 1.76 -48.41 N | 70.60 2.84 -40.66 N | 75.68 0.59 -67.29 N | 74.55 2.34 -43.43 N | 74.77 1.50 -55.28 N | 73.89 2.97 -38.26 N | 72.13 5.02 -17.14 N | 71.84 3.82 -30.68 N | 79.13 1.37 -63.30 N | 102.50 6.16 -22.35 N | 107.09 5.01 -38.25 N | 150.34 -1.05 -164.60 N | 108.27 2.73 -71.43 N | 95.17 6.82 -2.29 N | 116.25 4.66 -59.29 N | 72.70 3.75 -27.99 N | 67.08 3.54 -26.34 N |
| NORTHPORT___3 23553 | 71.68 4.76 -19.89 N | 70.96 2.48 -45.09 N | 41.28 2.25 -18.10 N | 24.56 2.34 -0.36 N | 64.14 0.17 -62.45 N | 36.89 0.64 -30.37 N | 50.27 1.46 -35.75 N | 66.00 1.81 -48.41 N | 70.72 2.95 -40.66 N | 75.73 0.64 -67.29 N | 74.72 2.51 -43.43 N | 74.89 1.61 -55.28 N | 74.06 3.14 -38.26 N | 72.35 5.24 -17.14 N | 71.97 3.95 -30.68 N | 79.21 1.44 -63.30 N | 102.95 6.61 -22.35 N | 107.55 5.48 -38.25 N | 150.23 -1.16 -164.60 N | 108.50 2.96 -71.43 N | 95.74 7.39 -2.29 N | 116.58 4.99 -59.29 N | 72.94 3.99 -27.99 N | 67.21 3.67 -26.34 N |
| NORTHPORT___4 23650 | 71.68 4.76 -19.89 N | 70.96 2.48 -45.09 N | 41.28 2.25 -18.10 N | 24.56 2.34 -0.36 N | 64.14 0.17 -62.45 N | 36.89 0.64 -30.37 N | 50.27 1.46 -35.75 N | 66.00 1.81 -48.41 N | 70.72 2.95 -40.66 N | 75.73 0.64 -67.29 N | 74.72 2.51 -43.43 N | 74.89 1.61 -55.28 N | 74.06 3.14 -38.26 N | 72.35 5.24 -17.14 N | 71.97 3.95 -30.68 N | 79.21 1.44 -63.30 N | 102.95 6.61 -22.35 N | 107.55 5.48 -38.25 N | 150.23 -1.16 -164.60 N | 108.50 2.96 -71.43 N | 95.74 7.39 -2.29 N | 116.58 4.99 -59.29 N | 72.94 3.99 -27.99 N | 67.21 3.67 -26.34 N |
| NORTHPORT___IC 23718 | 71.50 4.59 -19.89 N | 70.90 2.42 -45.09 N | 41.23 2.20 -18.10 N | 24.50 2.29 -0.36 N | 64.13 0.17 -62.45 N | 36.88 0.62 -30.37 N | 50.22 1.42 -35.75 N | 65.94 1.76 -48.41 N | 70.60 2.84 -40.66 N | 75.68 0.59 -67.29 N | 74.55 2.34 -43.43 N | 74.77 1.50 -55.28 N | 73.89 2.97 -38.26 N | 72.13 5.02 -17.14 N | 71.84 3.82 -30.68 N | 79.13 1.37 -63.30 N | 102.50 6.16 -22.35 N | 107.09 5.01 -38.25 N | 150.34 -1.05 -164.60 N | 108.27 2.73 -71.43 N | 95.17 6.82 -2.29 N | 116.25 4.66 -59.29 N | 72.70 3.75 -27.99 N | 67.08 3.54 -26.34 N |
| NPX_GEN_CSC 323557 | 72.30 5.39 -19.89 N | 71.25 2.77 -45.09 N | 41.50 2.48 -18.10 N | 24.78 2.56 -0.36 N | 38.05 2.42 -13.76 N | 36.95 0.70 -30.37 N | 50.40 1.59 -35.75 N | 66.16 1.98 -48.41 N | 71.02 3.26 -40.66 N | 75.80 0.71 -67.29 N | 75.04 2.83 -43.43 N | 75.09 1.82 -55.28 N | 74.45 3.53 -38.26 N | 73.00 5.89 -17.14 N | 72.49 4.47 -30.68 N | 79.41 1.64 -63.30 N | 104.03 7.69 -22.35 N | 108.50 6.43 -38.25 N | 150.07 -1.31 -164.60 N | 108.91 3.37 -71.43 N | 96.76 8.40 -2.29 N | 117.26 5.66 -59.29 N | 78.02 5.62 -21.54 N | 67.64 4.10 -26.34 N |
| NSINS_S_GLNS_FALLS 23858 | 68.90 2.59 -19.29 N | 71.84 1.02 -47.44 N | 39.89 0.89 -18.08 N | 23.30 0.98 -0.47 N | 82.16 0.06 -80.58 N | 45.34 0.27 -39.19 N | 55.14 0.64 -41.43 N | 28.29 0.79 -11.73 N | 57.47 1.45 -28.92 N | 95.08 0.45 -86.84 N | 86.62 1.80 -56.05 N | 90.43 1.11 -71.34 N | 83.95 1.92 -49.38 N | 71.26 2.91 -18.39 N | 42.00 2.16 -2.49 N | 88.16 0.89 -72.80 N | 92.95 4.74 -14.21 N | 108.14 -0.92 -40.29 N | 198.28 -0.92 -212.40 N | 126.92 2.21 -90.60 N | 93.33 5.35 -1.92 N | 66.00 3.22 -10.48 N | 43.26 2.30 0.00 N | 39.14 1.94 0.00 N |
| NUCOR_STEEL___DRP 24197 | 46.83 -1.99 -1.79 N | 26.87 -0.91 -4.40 N | 22.02 -0.58 -1.68 N | 21.25 -0.64 -0.04 N | 8.93 -0.04 -7.46 N | 9.35 -0.16 -3.63 N | 16.58 -0.33 -3.84 N | 16.49 -0.37 -1.09 N | 28.95 -0.83 -2.68 N | 15.69 -0.15 -8.04 N | 33.13 -0.84 -5.19 N | 23.94 -0.65 -6.61 N | 35.95 -1.28 -4.57 N | 49.72 -1.95 -1.70 N | 36.25 -1.33 -0.23 N | 20.77 -0.44 -6.74 N | 73.84 -1.46 -1.32 N | 66.43 -1.11 -3.71 N | 6.40 -0.06 -19.67 N | 41.75 -0.75 -8.39 N | 83.26 -2.98 -0.18 N | 51.55 -1.72 -0.97 N | 39.54 -1.43 0.00 N | 35.87 -1.33 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 47.03 0.00 0.00 N | 23.38 0.00 0.00 N | 20.92 0.00 0.00 N | 21.85 0.00 0.00 N | 1.52 0.00 0.00 N | 5.89 0.00 0.00 N | 13.06 0.00 0.00 N | 15.77 0.00 0.00 N | 27.10 0.00 0.00 N | 7.80 0.00 0.00 N | 28.77 0.00 0.00 N | 17.99 0.00 0.00 N | 32.66 0.00 0.00 N | 49.97 0.00 0.00 N | 37.34 0.00 0.00 N | 14.47 0.00 0.00 N | 73.99 0.00 0.00 N | 63.83 0.00 0.00 N | -13.21 0.00 0.00 N | 34.11 0.00 0.00 N | 86.06 0.00 0.00 N | 52.31 0.00 0.00 N | 40.97 0.00 0.00 N | 37.20 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 72.15 5.24 -19.89 N | 71.17 2.70 -45.09 N | 41.46 2.43 -18.10 N | 24.73 2.52 -0.36 N | 64.15 0.19 -62.45 N | 36.94 0.69 -30.37 N | 50.37 1.56 -35.75 N | 66.12 1.94 -48.41 N | 70.96 3.20 -40.66 N | 75.80 0.70 -67.29 N | 75.00 2.79 -43.43 N | 75.05 1.78 -55.28 N | 74.40 3.47 -38.26 N | 72.88 5.78 -17.14 N | 72.39 4.37 -30.68 N | 79.39 1.62 -63.30 N | 103.34 7.00 -22.35 N | 107.73 5.65 -38.25 N | 150.21 -1.18 -164.60 N | 108.57 3.03 -71.43 N | 95.89 7.53 -2.29 N | 116.72 5.13 -59.29 N | 73.36 4.40 -27.99 N | 67.58 4.04 -26.34 N |
| NYPA_GOWANUS____GT5 24156 | 66.32 4.33 -14.97 N | 62.29 2.10 -36.81 N | 36.77 1.83 -14.02 N | 24.11 1.89 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.38 1.51 -9.09 N | 52.10 2.59 -22.41 N | 75.82 0.73 -67.29 N | 75.02 2.81 -43.43 N | 75.03 1.77 -55.28 N | 74.12 3.20 -38.26 N | 69.20 4.97 -14.25 N | 97.91 3.52 -57.04 N | 102.92 1.31 -87.14 N | 98.45 5.92 -18.54 N | 99.82 4.98 -31.01 N | 150.20 -1.19 -164.60 N | 107.24 2.91 -70.21 N | 94.85 7.30 -1.49 N | 65.01 4.59 -8.12 N | 44.64 3.67 0.00 N | 40.28 3.08 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 66.32 4.33 -14.97 N | 62.29 2.10 -36.81 N | 36.77 1.83 -14.02 N | 24.11 1.89 -0.36 N | 64.09 0.13 -62.45 N | 36.78 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.38 1.51 -9.09 N | 52.10 2.59 -22.41 N | 75.82 0.73 -67.29 N | 75.02 2.81 -43.43 N | 75.03 1.77 -55.28 N | 74.12 3.20 -38.26 N | 69.20 4.97 -14.25 N | 97.91 3.52 -57.04 N | 102.92 1.31 -87.14 N | 98.45 5.92 -18.54 N | 99.82 4.98 -31.01 N | 150.20 -1.19 -164.60 N | 107.24 2.91 -70.21 N | 94.85 7.30 -1.49 N | 65.01 4.59 -8.12 N | 44.64 3.67 0.00 N | 40.28 3.08 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 66.37 4.38 -14.97 N | 62.35 2.15 -36.81 N | 36.84 1.89 -14.02 N | 24.17 1.95 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.42 1.25 -32.11 N | 26.42 1.56 -9.09 N | 52.20 2.68 -22.41 N | 75.85 0.76 -67.29 N | 75.11 2.90 -43.43 N | 75.08 1.82 -55.28 N | 74.18 3.26 -38.26 N | 69.34 5.12 -14.25 N | 76.05 3.42 -35.28 N | 102.94 1.33 -87.14 N | 98.10 5.58 -18.54 N | 99.57 4.73 -31.01 N | 150.25 -1.14 -164.60 N | 107.21 2.89 -70.21 N | 94.90 7.34 -1.49 N | 65.15 4.72 -8.12 N | 44.78 3.81 0.00 N | 40.40 3.21 0.00 N |
| NYPA_HARLEM__RVR__GT2 24161 | 66.37 4.38 -14.97 N | 62.35 2.15 -36.81 N | 36.84 1.89 -14.02 N | 24.17 1.95 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.42 1.25 -32.11 N | 26.42 1.56 -9.09 N | 52.20 2.68 -22.41 N | 75.85 0.76 -67.29 N | 75.11 2.90 -43.43 N | 75.08 1.82 -55.28 N | 74.18 3.26 -38.26 N | 69.34 5.12 -14.25 N | 76.05 3.42 -35.28 N | 102.94 1.33 -87.14 N | 98.10 5.58 -18.54 N | 99.57 4.73 -31.01 N | 150.25 -1.14 -164.60 N | 107.21 2.89 -70.21 N | 94.90 7.34 -1.49 N | 65.15 4.72 -8.12 N | 44.78 3.81 0.00 N | 40.40 3.21 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|---|
| NYPA_KENT____GT 24152 | 66.35 4.36 -14.97 N | 62.31 2.11 -36.81 N | 36.80 1.86 -14.02 N | 24.13 1.92 -0.36 N | 64.10 0.13 -62.45 N | 36.78 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.60 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.03 1.76 -55.28 N | 74.13 3.20 -38.26 N | 69.22 4.99 -14.25 N | 97.92 3.53 -57.04 N | 102.93 1.33 -87.14 N | 98.48 5.95 -18.54 N | 99.82 4.98 -31.01 N | 150.21 -1.18 -164.60 N | 107.19 2.87 -70.21 N | 94.77 7.22 -1.49 N | 64.99 4.56 -8.12 N | 44.65 3.68 0.00 N | 40.28 3.09 0.00 N | |
| NYPA_POUCH1____GT 24155 | 66.23 4.24 -14.97 N | 62.24 2.04 -36.81 N | 36.72 1.78 -14.02 N | 24.06 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.49 -9.09 N | 52.05 2.54 -22.41 N | 75.81 0.71 -67.29 N | 74.96 2.75 -43.43 N | 75.00 1.73 -55.28 N | 74.06 3.13 -38.26 N | 69.06 4.84 -14.25 N | 97.81 3.42 -57.04 N | 102.89 1.28 -87.14 N | 98.23 5.71 -18.54 N | 99.61 4.77 -31.01 N | 150.23 -1.16 -164.60 N | 107.16 2.83 -70.21 N | 94.65 7.10 -1.49 N | 64.91 4.49 -8.12 N | 44.56 3.59 0.00 N | 40.20 3.00 0.00 N | |
| NYPA_VERNON____GT2 24162 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.92 1.32 -87.14 N | 98.44 5.91 -18.54 N | 99.84 5.00 -31.01 N | 150.22 -1.17 -164.60 N | 107.15 2.83 -70.21 N | 94.66 7.11 -1.49 N | 64.92 4.50 -8.12 N | 44.63 3.66 0.00 N | 40.29 3.09 0.00 N | |
| NYPA_VERNON____GT3 24163 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.92 1.32 -87.14 N | 98.44 5.91 -18.54 N | 99.84 5.00 -31.01 N | 150.22 -1.17 -164.60 N | 107.15 2.83 -70.21 N | 94.66 7.11 -1.49 N | 64.92 4.50 -8.12 N | 44.63 3.66 0.00 N | 40.29 3.09 0.00 N | |
| NYPA____ASTORIA_CC1 323568 | 66.32 4.33 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.14 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.78 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N | |
| NYPA____ASTORIA_CC2 323569 | 66.32 4.33 -14.97 N | 62.32 2.13 -36.81 N | 36.83 1.88 -14.02 N | 24.15 1.94 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.41 1.24 -32.11 N | 26.39 1.53 -9.09 N | 52.10 2.59 -22.41 N | 75.81 0.72 -67.29 N | 74.98 2.77 -43.43 N | 75.01 1.74 -55.28 N | 74.08 3.15 -38.26 N | 69.16 4.94 -14.25 N | 97.87 3.49 -57.04 N | 102.91 1.30 -87.14 N | 98.34 5.81 -18.54 N | 99.78 4.94 -31.01 N | 150.24 -1.15 -164.60 N | 107.12 2.80 -70.21 N | 94.58 7.03 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N | |
| NYPA____HOLTSVILL 23794 | 71.99 5.07 -19.89 N | 71.10 2.62 -45.09 N | 41.37 2.35 -18.10 N | 24.64 2.43 -0.36 N | 64.14 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.32 1.51 -35.75 N | 66.06 1.87 -48.41 N | 70.84 3.08 -40.66 N | 75.75 0.66 -67.29 N | 74.84 2.63 -43.43 N | 74.96 1.69 -55.28 N | 74.23 3.31 -38.26 N | 72.65 5.54 -17.14 N | 72.23 4.21 -30.68 N | 79.31 1.54 -63.30 N | 103.39 7.04 -22.35 N | 107.93 5.85 -38.25 N | 150.19 -1.20 -164.60 N | 108.64 3.09 -71.43 N | 96.04 7.69 -2.29 N | 116.82 5.23 -59.29 N | 73.16 4.21 -27.99 N | 67.40 3.85 -26.34 N | |
| NYPA____HELLGATE_GT1 24158 | 66.37 4.38 -14.97 N | 62.35 2.15 -36.81 N | 36.84 1.89 -14.02 N | 24.17 1.95 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.42 1.25 -32.11 N | 26.42 1.56 -9.09 N | 52.20 2.68 -22.41 N | 75.85 0.76 -67.29 N | 75.11 2.90 -43.43 N | 75.08 1.82 -55.28 N | 74.18 3.26 -38.26 N | 69.34 5.12 -14.25 N | 119.57 3.42 -78.80 N | 102.94 1.33 -87.14 N | 98.10 5.58 -18.54 N | 99.57 4.73 -31.01 N | 150.25 -1.14 -164.60 N | 107.22 2.90 -70.21 N | 94.92 7.36 -1.49 N | 65.15 4.72 -8.12 N | 44.78 3.81 0.00 N | 40.40 3.21 0.00 N | |
| NYPA____HELLGATE_GT2 24159 | 66.37 4.38 -14.97 N | 62.35 2.15 -36.81 N | 36.84 1.89 -14.02 N | 24.17 1.95 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.54 -30.37 N | 46.42 1.25 -32.11 N | 26.42 1.56 -9.09 N | 52.20 2.68 -22.41 N | 75.85 0.76 -67.29 N | 75.11 2.90 -43.43 N | 75.08 1.82 -55.28 N | 74.18 3.26 -38.26 N | 69.34 5.12 -14.25 N | 119.57 3.42 -78.80 N | 102.94 1.33 -87.14 N | 98.10 5.58 -18.54 N | 99.57 4.73 -31.01 N | 150.25 -1.14 -164.60 N | 107.22 2.90 -70.21 N | 94.92 7.36 -1.49 N | 65.15 4.72 -8.12 N | 44.78 3.81 0.00 N | 40.40 3.21 0.00 N | |
| NYS_BARGE____HYD 23848 | 44.69 -4.45 -2.12 N | 26.41 -2.18 -5.21 N | 21.05 -1.85 -1.97 N | 19.87 -2.03 -0.05 N | 9.95 -0.18 -8.61 N | 9.50 -0.57 -4.19 N | 16.20 -1.29 -4.43 N | 15.44 -1.58 -1.25 N | 27.38 -2.81 -3.09 N | 16.24 -0.84 -9.28 N | 31.15 -3.62 -5.99 N | 23.42 -2.19 -7.62 N | 33.68 -4.25 -5.28 N | 45.41 -6.53 -1.96 N | 33.06 -4.55 -0.27 N | 20.42 -1.83 -7.78 N | 66.90 -8.61 -1.52 N | 61.95 -6.16 -4.27 N | 10.34 0.86 -22.69 N | 40.36 -3.43 -9.68 N | 75.91 -10.36 -0.20 N | 47.71 -5.72 -1.12 N | 37.34 -3.62 0.00 N | 34.10 -3.10 0.00 N | |
| O.H_GEN_BRUCE 24063 | 43.76 -5.33 -2.06 N | 25.85 -2.61 -5.08 N | 20.63 -2.21 -1.91 N | 19.49 -2.41 -0.05 N | 18.00 -2.34 1.53 N | 9.23 -0.67 -4.02 N | 15.79 -1.53 -4.25 N | 15.08 -1.89 -1.20 N | 26.71 -3.36 -2.97 N | 15.70 -1.00 -8.91 N | 30.31 -4.22 -5.75 N | 22.74 -2.57 -7.32 N | 32.81 -4.91 -5.06 N | 44.31 -7.55 -1.89 N | 32.27 -5.33 -0.26 N | 19.80 -2.14 -7.47 N | 65.12 -10.33 -1.46 N | 60.17 -7.76 -4.10 N | 9.77 1.20 -21.79 N | 39.18 -4.23 -9.29 N | 73.95 -12.31 -0.20 N | 46.47 -6.91 -1.07 N | 45.32 -5.34 0.20 N | 33.37 -3.83 0.00 N | |
| OAK_ORCHARD____HYD 24046 | 46.20 -2.68 -1.84 N | 26.60 -1.31 -4.54 N | 21.55 -1.09 -1.72 N | 20.69 -1.20 -0.04 N | 8.99 -0.10 -7.58 N | 9.24 -0.33 -3.68 N | 16.24 -0.72 -3.90 N | 16.05 -0.82 -1.10 N | 28.38 -1.44 -2.72 N | 15.56 -0.40 -8.17 N | 32.25 -1.79 -5.27 N | 23.64 -1.05 -6.71 N | 35.21 -2.09 -4.64 N | 48.45 -3.26 -1.73 N | 35.37 -2.21 -0.23 N | 20.45 -0.87 -6.85 N | 71.69 -3.64 -1.34 N | 65.33 -2.26 -3.76 N | 6.92 0.17 -19.97 N | 41.28 -1.35 -8.52 N | 81.44 -4.81 -0.18 N | 50.45 -2.84 -0.99 N | 39.01 -1.95 0.00 N | 35.34 -1.86 0.00 N | |
| OCC_CHEM____DRP 24175 | 44.14 -5.03 -2.15 N | 26.20 -2.46 -5.28 N | 20.84 -2.08 -1.99 N | 19.62 -2.28 -0.05 N | 9.93 -0.20 -8.61 N | 9.43 -0.64 -4.19 N | 16.03 -1.46 -4.43 N | 15.22 -1.80 -1.25 N | 26.98 -3.21 -3.09 N | 16.11 -0.96 -9.28 N | 30.68 -4.08 -5.99 N | 23.14 -2.47 -7.62 N | 33.17 -4.76 -5.28 N | 44.63 -7.30 -1.96 N | 32.47 -5.14 -0.27 N | 20.19 -2.06 -7.78 N | 65.63 -9.88 -1.52 N | 60.82 -7.28 -4.27 N | 10.57 1.08 -22.69 N | 39.78 -4.01 -9.68 N | 74.50 -11.77 -0.20 N | 46.86 -6.57 -1.12 N | 36.78 -4.18 0.00 N | 33.63 -3.57 0.00 N | |
| OLIN_CORP_DRP | 44.56 | 26.50 | 21.03 | 19.77 | 10.17 | 9.59 | 16.26 | 15.39 | 27.31 | 16.44 | 31.15 | 23.52 | 33.63 | 45.17 | 32.85 | 20.54 | 66.48 | 61.61 | 11.05 | 40.38 | 75.36 | 47.42 | 37.11 | 33.92 | |

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| 24177 | -4.67 -2.20 N | -2.30 -5.41 N | -1.94 -2.04 N | -2.13 -0.05 N | -0.18 -8.84 N | -0.59 -4.30 N | -1.35 -4.54 N | -1.67 -1.29 N | -2.96 -3.17 N | -0.89 -9.52 N | -3.78 -6.15 N | -2.29 -7.82 N | -4.44 -5.42 N | -6.82 -2.02 N | -4.77 -0.27 N | -1.92 -7.99 N | -9.07 -1.56 N | -6.61 -4.39 N | 0.96 -23.30 N | -3.67 -9.94 N | -10.92 -0.21 N | -6.03 -1.15 N | -3.86 0.00 N | -3.28 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 47.47 -0.91 -1.35 N | 26.23 -0.47 -3.32 N | 21.82 -0.36 -1.26 N | 21.49 -0.39 -0.03 N | 7.11 -0.02 -5.63 N | 8.52 -0.10 -2.73 N | 15.74 -0.21 -2.89 N | 16.36 -0.22 -0.82 N | 28.72 -0.40 -2.02 N | 13.77 -0.09 -6.06 N | 32.26 -0.43 -3.91 N | 22.68 -0.29 -4.98 N | 35.53 -0.58 -3.45 N | 50.37 -0.89 -1.28 N | 36.92 -0.59 -0.17 N | 19.32 -0.23 -5.08 N | 74.23 -0.76 -0.99 N | 66.25 -0.37 -2.79 N | 1.61 -0.01 -14.83 N | 40.12 -0.31 -6.32 N | 84.90 -1.30 -0.13 N | 52.25 -0.79 -0.73 N | 40.32 -0.65 0.00 N | 36.56 -0.64 0.00 N |
| ONONDAGA___COGEN 23986 | 47.55 -0.85 -1.38 N | 26.33 -0.43 -3.38 N | 21.86 -0.35 -1.29 N | 21.51 -0.38 -0.03 N | 7.23 -0.03 -5.74 N | 8.57 -0.10 -2.79 N | 15.81 -0.21 -2.95 N | 16.38 -0.22 -0.84 N | 28.77 -0.39 -2.06 N | 13.89 -0.09 -6.18 N | 32.36 -0.41 -3.99 N | 22.81 -0.26 -5.08 N | 35.65 -0.52 -3.52 N | 50.47 -0.81 -1.31 N | 36.99 -0.53 -0.18 N | 19.45 -0.21 -5.19 N | 74.41 -0.60 -1.01 N | 66.44 -0.24 -2.85 N | 1.89 -0.03 -15.13 N | 40.32 -0.24 -6.45 N | 85.09 -1.11 -0.14 N | 52.38 -0.67 -0.75 N | 40.40 -0.56 0.00 N | 36.61 -0.58 0.00 N |
| ONTARIO___LFGE 23819 | 47.17 -2.31 -2.45 N | 28.36 -1.05 -6.02 N | 22.49 -0.73 -2.29 N | 21.12 -0.79 -0.06 N | 11.68 -0.05 -10.22 N | 10.66 -0.19 -4.97 N | 17.93 -0.39 -5.25 N | 16.82 -0.43 -1.49 N | 29.87 -0.90 -3.67 N | 18.62 -0.19 -11.01 N | 34.90 -0.97 -7.11 N | 26.42 -0.61 -9.04 N | 37.66 -1.26 -6.26 N | 50.32 -1.98 -2.33 N | 36.30 -1.36 -0.32 N | 23.13 -0.56 -9.23 N | 73.84 -1.95 -1.80 N | 67.53 -1.37 -5.07 N | 13.70 -0.02 -26.93 N | 44.60 -1.00 -11.49 N | 82.45 -3.86 -0.24 N | 51.54 -2.10 -1.33 N | 39.27 -1.70 0.00 N | 35.70 -1.50 0.00 N |
| OSWEGATCHIE___HYD 24044 | 45.43 -1.60 0.00 N | 22.60 -0.78 0.00 N | 20.17 -0.75 0.00 N | 21.04 -0.81 0.00 N | 1.45 -0.06 0.00 N | 5.67 -0.22 0.00 N | 12.47 -0.60 0.00 N | 15.11 -0.66 0.00 N | 26.05 -1.05 0.00 N | 7.52 -0.27 0.00 N | 27.73 -1.04 0.00 N | 17.35 -0.64 0.00 N | 31.56 -1.10 0.00 N | 48.29 -1.68 0.00 N | 36.05 -1.29 0.00 N | 14.01 -0.46 0.00 N | 71.64 -2.35 0.00 N | 61.95 -1.88 0.00 N | -12.71 0.50 0.00 N | 32.97 -1.14 0.00 N | 83.20 -2.86 0.00 N | 50.34 -1.96 0.00 N | 39.61 -1.35 0.00 N | 36.09 -1.10 0.00 N |
| OSWEGO___5 23606 | 46.66 -1.42 -1.05 N | 25.25 -0.70 -2.57 N | 21.30 -0.61 -0.98 N | 21.24 -0.64 -0.03 N | 5.83 -0.04 -4.36 N | 7.83 -0.17 -2.12 N | 14.93 -0.38 -2.24 N | 15.96 -0.45 -0.64 N | 27.89 -0.77 -1.57 N | 12.28 -0.21 -4.70 N | 30.96 -0.85 -3.03 N | 21.32 -0.53 -3.86 N | 34.33 -1.00 -2.67 N | 49.42 -1.55 -1.00 N | 36.39 -1.09 -0.13 N | 17.98 -0.43 -3.94 N | 72.81 -1.95 -0.77 N | 64.51 -1.49 -2.17 N | -1.48 0.24 -11.50 N | 38.17 -0.85 -4.90 N | 83.65 -2.52 -0.10 N | 51.38 -1.49 -0.57 N | 39.83 -1.14 0.00 N | 36.14 -1.05 0.00 N |
| OSWEGO___6 23613 | 46.66 -1.42 -1.05 N | 25.25 -0.70 -2.57 N | 21.30 -0.61 -0.98 N | 21.24 -0.64 -0.03 N | 5.83 -0.04 -4.36 N | 7.83 -0.17 -2.12 N | 14.93 -0.38 -2.24 N | 15.96 -0.45 -0.64 N | 27.89 -0.77 -1.57 N | 12.28 -0.21 -4.70 N | 30.96 -0.85 -3.03 N | 21.32 -0.53 -3.86 N | 34.33 -1.00 -2.67 N | 49.42 -1.55 -1.00 N | 36.39 -1.09 -0.13 N | 17.98 -0.43 -3.94 N | 72.81 -1.95 -0.77 N | 64.51 -1.49 -2.17 N | -1.48 0.24 -11.50 N | 38.17 -0.85 -4.90 N | 83.65 -2.52 -0.10 N | 51.38 -1.49 -0.57 N | 39.83 -1.14 0.00 N | 36.14 -1.05 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 44.98 -4.25 -2.20 N | 26.71 -2.09 -5.41 N | 21.21 -1.76 -2.04 N | 19.97 -1.93 -0.05 N | 10.19 -0.17 -8.84 N | 9.65 -0.54 -4.30 N | 16.39 -1.22 -4.54 N | 15.55 -1.51 -1.29 N | 27.59 -2.69 -3.17 N | 16.52 -0.80 -9.52 N | 31.45 -3.48 -6.15 N | 23.70 -2.11 -7.82 N | 33.97 -4.11 -5.42 N | 45.67 -6.32 -2.02 N | 33.23 -4.38 -0.27 N | 20.69 -1.77 -7.99 N | 67.29 -8.26 -1.56 N | 62.37 -5.84 -4.39 N | 10.90 0.81 -23.30 N | 40.75 -3.30 -9.94 N | 76.27 -10.00 -0.21 N | 47.95 -5.50 -1.15 N | 37.50 -3.47 0.00 N | 34.25 -2.95 0.00 N |
| OXBOW___ 24026 | 44.63 -4.57 -2.17 N | 26.49 -2.24 -5.35 N | 21.05 -1.89 -2.02 N | 19.82 -2.08 -0.05 N | 10.06 -0.18 -8.72 N | 9.55 -0.58 -4.24 N | 16.23 -1.32 -4.49 N | 15.41 -1.63 -1.27 N | 27.33 -2.91 -3.13 N | 16.33 -0.87 -9.40 N | 31.11 -3.73 -6.07 N | 23.45 -2.26 -7.72 N | 33.63 -4.38 -5.35 N | 45.24 -6.73 -1.99 N | 32.92 -4.69 -0.27 N | 20.47 -1.88 -7.88 N | 66.62 -8.91 -1.54 N | 61.74 -6.42 -4.33 N | 10.70 0.92 -22.99 N | 40.35 -3.58 -9.81 N | 75.53 -10.74 -0.21 N | 47.51 -5.93 -1.13 N | 37.22 -3.75 0.00 N | 34.00 -3.19 0.00 N |
| PEEKSKILL___ 23653 | 65.39 3.53 -14.83 N | 61.56 1.70 -36.48 N | 36.34 1.53 -13.89 N | 23.80 1.59 -0.36 N | 63.50 0.11 -61.87 N | 36.41 0.44 -30.09 N | 45.90 1.02 -31.81 N | 26.06 1.28 -9.01 N | 51.47 2.16 -22.21 N | 75.07 0.60 -66.67 N | 74.11 2.31 -43.03 N | 74.20 1.44 -54.77 N | 73.18 2.61 -37.91 N | 68.13 4.04 -14.12 N | 39.81 2.88 0.42 N | 70.15 1.09 -54.59 N | 89.72 5.14 -10.60 N | 98.91 4.35 -30.73 N | 148.85 -1.02 -163.09 N | 106.14 2.46 -69.57 N | 93.65 6.11 -1.47 N | 64.15 3.80 -8.05 N | 44.01 3.04 0.00 N | 39.78 2.58 0.00 N |
| PGE MADISON___WINDPWR 24146 | 52.68 1.31 -4.35 N | 34.70 0.63 -10.69 N | 25.76 0.75 -4.08 N | 22.75 0.80 -0.11 N | 19.84 0.07 -18.25 N | 15.01 0.25 -8.88 N | 23.06 0.61 -9.38 N | 19.31 0.89 -2.66 N | 35.14 1.49 -6.55 N | 27.99 0.52 -19.67 N | 43.22 1.74 -12.69 N | 35.05 0.91 -16.16 N | 45.34 1.50 -11.18 N | 56.38 2.25 -4.17 N | 39.66 1.75 -0.57 N | 31.68 0.72 -16.49 N | 82.39 5.18 -3.22 N | 77.80 4.91 -9.06 N | 33.72 -1.18 -48.11 N | 56.88 2.25 -20.52 N | 90.93 4.43 -0.43 N | 57.35 2.67 -2.37 N | 42.56 1.59 0.00 N | 38.43 1.24 0.00 N |
| PIERCEFIELD___HYD 23852 | 45.98 -1.04 0.00 N | 22.91 -0.47 0.00 N | 20.44 -0.48 0.00 N | 21.33 -0.52 0.00 N | 1.47 -0.04 0.00 N | 5.74 -0.15 0.00 N | 12.65 -0.41 0.00 N | 15.29 -0.47 0.00 N | 26.35 -0.74 0.00 N | 7.60 -0.20 0.00 N | 28.02 -0.75 0.00 N | 17.53 -0.45 0.00 N | 31.88 -0.78 0.00 N | 48.72 -1.25 0.00 N | 36.36 -0.98 0.00 N | 14.14 -0.33 0.00 N | 71.72 -2.27 0.00 N | 61.80 -2.03 0.00 N | -12.62 0.58 0.00 N | 32.98 -1.13 0.00 N | 83.51 -2.55 0.00 N | 50.59 -1.71 0.00 N | 40.04 -0.92 0.00 N | 36.45 -0.74 0.00 N |
| PINELAWN_CC_1 323563 | 71.79 4.88 -19.89 N | 70.95 2.48 -45.09 N | 41.28 2.26 -18.10 N | 24.54 2.33 -0.36 N | 64.13 0.16 -62.45 N | 36.88 0.63 -30.37 N | 50.24 1.43 -35.75 N | 65.97 1.79 -48.41 N | 70.73 2.97 -40.66 N | 75.74 0.65 -67.29 N | 74.79 2.58 -43.43 N | 74.92 1.65 -55.28 N | 74.11 3.19 -38.26 N | 72.34 5.23 -17.14 N | 71.95 3.92 -63.30 N | 79.20 1.43 -22.35 N | 103.17 6.84 -38.25 N | 107.82 5.74 -164.60 N | 150.15 -1.24 -71.43 N | 108.68 3.14 -2.29 N | 96.14 7.79 -59.29 N | 116.74 5.15 -27.99 N | 73.05 4.10 -27.99 N | 67.34 3.80 -26.34 N |
| PJM_GEN_KEystone 24065 | 48.57 -2.17 -3.72 N | 31.42 -1.09 -9.14 N | 23.52 -0.93 -3.53 N | 20.98 -0.97 -0.10 N | 21.48 -1.16 -0.77 N | 13.67 -0.20 -7.98 N | 21.08 -0.42 -8.44 N | 17.53 -0.63 -2.39 N | 32.00 -0.99 -5.89 N | 25.19 -0.30 -17.69 N | 39.15 -1.04 -11.42 N | 31.76 -0.76 -14.53 N | 41.15 -1.57 -10.06 N | 51.45 -2.26 -3.74 N | 36.38 -1.48 -0.51 N | 28.59 -0.71 -14.83 N | 73.97 -2.91 -2.90 N | 70.07 -1.91 -8.15 N | 30.43 0.37 -43.27 N | 51.09 -1.48 -18.46 N | 81.40 -5.05 -0.39 N | 52.10 -2.34 -2.14 N | 46.90 -3.86 0.11 N | 35.63 -1.57 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|
| PLEASANTVLY___LBMP 24000 | 65.95 3.47 -15.46 N | 63.08 1.67 -38.03 N | 36.90 1.49 -14.49 N | 23.78 1.55 -0.38 N | 66.26 0.11 -64.63 N | 37.74 0.43 -31.43 N | 47.28 0.98 -33.23 N | 26.40 1.22 -9.41 N | 52.37 2.07 -23.20 N | 78.02 0.58 -69.64 N | 75.94 2.22 -44.95 N | 76.58 1.39 -57.21 N | 74.77 2.51 -39.60 N | 68.60 3.88 -14.75 N | 42.13 2.79 -2.00 N | 73.92 1.07 -58.39 N | 90.41 5.02 -11.40 N | 100.20 4.27 -32.10 N | 156.15 -0.99 -170.35 N | 109.16 2.38 -72.66 N | 93.50 5.90 -1.54 N | 64.40 3.69 -8.41 N | 43.91 2.94 0.00 N | 39.74 2.54 0.00 N |
| POLETTI_____ 23519 | 66.20 4.21 -14.97 N | 62.23 2.04 -36.81 N | 36.75 1.80 -14.02 N | 24.08 1.86 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.05 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.93 2.72 -43.43 N | 74.97 1.70 -55.28 N | 74.03 3.10 -38.26 N | 69.03 4.81 -14.25 N | 114.18 3.44 -73.40 N | 112.02 1.29 -96.25 N | 100.64 5.88 -20.77 N | 99.77 4.93 -31.01 N | 150.26 -1.13 -164.60 N | 107.02 2.70 -70.21 N | 94.26 6.71 -1.49 N | 64.69 4.26 -8.12 N | 44.47 3.50 0.00 N | 40.17 2.98 0.00 N |
| PORT_JEFF_3 23555 | 72.06 5.15 -19.89 N | 71.16 2.69 -45.09 N | 41.40 2.37 -18.10 N | 24.67 2.45 -0.36 N | 64.15 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.33 1.52 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.73 0.64 -67.29 N | 74.73 2.52 -43.43 N | 74.91 1.64 -55.28 N | 74.17 3.25 -38.26 N | 72.62 5.51 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.54 -63.30 N | 103.15 6.81 -22.35 N | 107.64 5.56 -38.25 N | 150.29 -1.10 -164.60 N | 108.39 2.84 -71.43 N | 95.51 7.16 -2.29 N | 116.66 5.07 -59.29 N | 73.09 4.14 -27.99 N | 67.39 3.85 -26.34 N |
| PORT_JEFF_4 23616 | 72.06 5.15 -19.89 N | 71.16 2.69 -45.09 N | 41.40 2.37 -18.10 N | 24.67 2.45 -0.36 N | 64.15 0.18 -62.45 N | 36.92 0.67 -30.37 N | 50.33 1.52 -35.75 N | 66.07 1.88 -48.41 N | 70.85 3.09 -40.66 N | 75.73 0.64 -67.29 N | 74.73 2.52 -43.43 N | 74.91 1.64 -55.28 N | 74.17 3.25 -38.26 N | 72.62 5.51 -17.14 N | 72.23 4.21 -30.68 N | 79.30 1.53 -63.30 N | 103.17 6.83 -22.35 N | 107.64 5.56 -38.25 N | 150.29 -1.10 -164.60 N | 108.39 2.84 -71.43 N | 95.51 7.16 -2.29 N | 116.66 5.07 -59.29 N | 73.09 4.14 -27.99 N | 67.39 3.85 -26.34 N |
| PORT_JEFF_IC 23713 | 72.15 5.24 -19.89 N | 71.19 2.72 -45.09 N | 41.43 2.41 -18.10 N | 24.71 2.49 -0.36 N | 64.15 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.35 1.54 -35.75 N | 66.10 1.92 -48.41 N | 70.92 3.16 -40.66 N | 75.76 0.66 -67.29 N | 74.84 2.63 -43.43 N | 74.97 1.70 -55.28 N | 74.28 3.35 -38.26 N | 72.77 5.66 -17.14 N | 72.34 4.32 -30.68 N | 79.37 1.60 -63.30 N | 103.16 6.82 -22.35 N | 107.68 5.60 -38.25 N | 150.28 -1.11 -164.60 N | 108.41 2.87 -71.43 N | 95.53 7.18 -2.29 N | 116.67 5.08 -59.29 N | 73.21 4.26 -27.99 N | 67.47 3.93 -26.34 N |
| PPL PILGRIM_ST_GT1 24216 | 72.15 5.24 -19.89 N | 71.17 2.70 -45.09 N | 41.46 2.43 -18.10 N | 24.73 2.52 -0.36 N | 64.15 0.19 -62.45 N | 36.94 0.69 -30.37 N | 50.37 1.56 -35.75 N | 66.12 1.94 -48.41 N | 70.96 3.20 -40.66 N | 75.80 0.70 -67.29 N | 75.00 2.79 -43.43 N | 75.05 1.78 -55.28 N | 74.40 3.47 -38.26 N | 72.88 5.78 -17.14 N | 72.39 4.37 -30.68 N | 79.39 1.62 -63.30 N | 103.34 7.00 -22.35 N | 107.73 5.65 -38.25 N | 150.21 -1.18 -164.60 N | 108.57 3.03 -71.43 N | 95.89 7.53 -2.29 N | 116.72 5.13 -59.29 N | 73.36 4.40 -27.99 N | 67.58 4.04 -26.34 N |
| PPL PILGRIM_ST_GT2 24217 | 72.15 5.24 -19.89 N | 71.17 2.70 -45.09 N | 41.46 2.43 -18.10 N | 24.73 2.52 -0.36 N | 64.15 0.19 -62.45 N | 36.94 0.69 -30.37 N | 50.37 1.56 -35.75 N | 66.12 1.94 -48.41 N | 70.96 3.20 -40.66 N | 75.80 0.70 -67.29 N | 75.00 2.79 -43.43 N | 75.05 1.78 -55.28 N | 74.40 3.47 -38.26 N | 72.88 5.78 -17.14 N | 72.39 4.37 -30.68 N | 79.39 1.62 -63.30 N | 103.34 7.00 -22.35 N | 107.73 5.65 -38.25 N | 150.21 -1.18 -164.60 N | 108.57 3.03 -71.43 N | 95.89 7.53 -2.29 N | 116.72 5.13 -59.29 N | 73.36 4.40 -27.99 N | 67.58 4.04 -26.34 N |
| PPL_SHRM_GT3 24213 | 72.48 5.57 -19.89 N | 71.33 2.85 -45.09 N | 41.57 2.54 -18.10 N | 24.85 2.63 -0.36 N | 64.16 0.19 -62.45 N | 36.97 0.72 -30.37 N | 50.44 1.64 -35.75 N | 66.21 2.03 -48.41 N | 71.13 3.36 -40.66 N | 75.83 0.74 -67.29 N | 75.13 2.92 -43.43 N | 75.15 1.88 -55.28 N | 74.58 3.66 -38.26 N | 73.20 6.09 -17.14 N | 72.64 4.62 -30.68 N | 79.47 1.70 -63.30 N | 104.39 8.05 -22.35 N | 108.82 6.75 -38.25 N | 150.01 -1.37 -164.60 N | 109.08 3.54 -71.43 N | 97.13 8.78 -2.29 N | 117.47 5.88 -59.29 N | 73.62 4.66 -27.99 N | 67.78 4.24 -26.34 N |
| PPL_SHRM_GT4 24214 | 72.48 5.57 -19.89 N | 71.33 2.85 -45.09 N | 41.57 2.54 -18.10 N | 24.85 2.63 -0.36 N | 64.16 0.19 -62.45 N | 36.97 0.72 -30.37 N | 50.44 1.64 -35.75 N | 66.21 2.03 -48.41 N | 71.13 3.36 -40.66 N | 75.83 0.74 -67.29 N | 75.13 2.92 -43.43 N | 75.15 1.88 -55.28 N | 74.58 3.66 -38.26 N | 73.20 6.09 -17.14 N | 72.64 4.62 -30.68 N | 79.47 1.70 -63.30 N | 104.39 8.05 -22.35 N | 108.82 6.75 -38.25 N | 150.01 -1.37 -164.60 N | 109.08 3.54 -71.43 N | 97.13 8.78 -2.29 N | 117.47 5.88 -59.29 N | 73.62 4.66 -27.99 N | 67.78 4.24 -26.34 N |
| PROJECT___ORANGE 1 24174 | 47.23 -0.97 -1.18 N | 25.79 -0.50 -2.91 N | 21.62 -0.41 -1.11 N | 21.44 -0.44 -0.03 N | 6.42 -0.03 -4.94 N | 8.17 -0.11 -2.40 N | 15.36 -0.25 -2.54 N | 16.22 -0.27 -0.72 N | 28.40 -0.47 -1.77 N | 13.00 -0.12 -5.32 N | 31.68 -0.53 -3.43 N | 22.01 -0.34 -4.37 N | 35.01 -0.67 -3.02 N | 50.06 -1.04 -1.13 N | 36.79 -0.70 -0.15 N | 18.65 -0.28 -4.46 N | 73.75 -1.11 -0.87 N | 65.62 -0.66 -2.45 N | -0.14 0.06 -13.01 N | 39.20 -0.46 -5.55 N | 84.50 -1.69 -0.12 N | 51.97 -0.97 -0.64 N | 40.22 -0.75 0.00 N | 36.49 -0.70 0.00 N |
| PROJECT___ORANGE 2 24166 | 47.23 -0.97 -1.18 N | 25.79 -0.50 -2.91 N | 21.62 -0.41 -1.11 N | 21.44 -0.44 -0.03 N | 6.42 -0.03 -4.94 N | 8.17 -0.11 -2.40 N | 15.36 -0.25 -2.54 N | 16.22 -0.27 -0.72 N | 28.40 -0.47 -1.77 N | 13.00 -0.12 -5.32 N | 31.68 -0.53 -3.43 N | 22.01 -0.34 -4.37 N | 35.01 -0.67 -3.02 N | 50.06 -1.04 -1.13 N | 36.79 -0.70 -0.15 N | 18.65 -0.28 -4.46 N | 73.75 -1.11 -0.87 N | 65.62 -0.66 -2.45 N | -0.14 0.06 -13.01 N | 39.20 -0.46 -5.55 N | 84.50 -1.69 -0.12 N | 51.97 -0.97 -0.64 N | 40.22 -0.75 0.00 N | 36.49 -0.70 0.00 N |
| PYRITES___HYD 24023 | 46.48 -0.54 0.00 N | 23.16 -0.22 0.00 N | 20.67 -0.25 0.00 N | 21.56 -0.29 0.00 N | 1.49 -0.03 0.00 N | 5.80 -0.09 0.00 N | 12.80 -0.26 0.00 N | 15.48 -0.28 0.00 N | 26.69 -0.41 0.00 N | 7.69 -0.11 0.00 N | 28.39 -0.38 0.00 N | 17.76 -0.22 0.00 N | 32.29 -0.37 0.00 N | 49.36 -0.62 0.00 N | 36.84 -0.50 0.00 N | 14.31 -0.16 0.00 N | 72.79 -1.20 0.00 N | 62.73 -1.10 0.00 N | -12.81 0.40 0.00 N | 33.47 -0.64 0.00 N | 84.73 -1.33 0.00 N | 51.31 -1.00 0.00 N | 40.51 -0.46 0.00 N | 36.86 -0.34 0.00 N |
| RAMAPO___LBMP 323565 | 64.95 3.42 -14.50 N | 60.70 1.66 -35.66 N | 35.99 1.48 -13.58 N | 23.75 1.55 -0.35 N | 62.12 0.10 -60.49 N | 35.73 0.43 -29.42 N | 45.17 1.01 -31.10 N | 25.84 1.26 -8.81 N | 50.93 2.12 -21.71 N | 73.57 0.58 -65.19 N | 73.10 2.25 -42.08 N | 72.95 1.41 -53.56 N | 72.25 2.52 -37.07 N | 67.67 3.89 -13.80 N | 41.99 2.77 -1.87 N | 70.17 1.05 -54.65 N | 89.63 4.97 -10.67 N | 98.08 4.21 -30.04 N | 145.23 -1.01 -159.45 N | 104.55 2.42 -68.02 N | 93.47 5.96 -1.44 N | 63.88 3.71 -7.87 N | 43.92 2.95 0.00 N | 39.70 2.51 0.00 N |
| RANKINE_____ 23646 | 44.95 -4.42 -2.34 N | 26.98 -2.16 -5.75 N | 21.26 -1.82 -2.17 N | 19.90 -2.01 -0.05 N | 10.65 -0.16 -9.30 N | 9.85 -0.56 -4.52 N | 16.59 -1.25 -4.78 N | 15.57 -1.56 -1.35 N | 27.68 -2.75 -3.34 N | 17.00 -0.82 -10.02 N | 31.72 -3.52 -6.47 N | 24.06 -2.16 -8.23 N | 34.17 -4.18 -5.70 N | 45.69 -6.40 -2.12 N | 33.17 -4.47 -0.29 N | 21.06 -1.81 -8.40 N | 67.19 -8.44 -1.64 N | 62.35 -6.09 -4.62 N | 12.19 0.89 -24.51 N | 41.14 -3.43 -10.45 N | 76.00 -10.29 -0.22 N | 47.86 -5.66 -1.21 N | 37.32 -3.65 0.00 N | 34.08 -3.12 0.00 N |

| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
|---------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|---|
| RAVENSWOOD_GT2_1 24244 | 66.19 4.20 -14.97 N | 62.23 2.04 -36.81 N | 36.75 1.80 -14.02 N | 24.08 1.87 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.72 -43.43 N | 74.96 1.69 -55.28 N | 74.02 3.09 -38.26 N | 69.01 4.79 -14.25 N | 97.82 3.44 -57.04 N | 102.90 1.29 -87.14 N | 98.48 5.95 -18.54 N | 99.84 5.00 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.49 6.94 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT2_2 24245 | 66.19 4.20 -14.97 N | 62.23 2.04 -36.81 N | 36.75 1.80 -14.02 N | 24.08 1.87 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.72 -43.43 N | 74.96 1.69 -55.28 N | 74.02 3.09 -38.26 N | 69.01 4.79 -14.25 N | 97.82 3.44 -57.04 N | 102.90 1.29 -87.14 N | 98.48 5.95 -18.54 N | 99.84 5.00 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.49 6.94 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT2_3 24246 | 66.23 4.23 -14.97 N | 62.25 2.06 -36.81 N | 36.77 1.82 -14.02 N | 24.10 1.88 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.37 1.20 -32.11 N | 26.36 1.50 -9.09 N | 52.07 2.55 -22.41 N | 75.80 0.71 -67.29 N | 74.96 2.75 -43.43 N | 74.98 1.71 -55.28 N | 74.05 3.13 -38.26 N | 69.07 4.85 -14.25 N | 97.86 3.47 -57.04 N | 102.91 1.30 -87.14 N | 98.55 6.02 -18.54 N | 99.93 5.09 -31.01 N | 150.22 -1.17 -164.60 N | 107.14 2.82 -70.21 N | 94.58 7.03 -1.49 N | 64.86 4.43 -8.12 N | 44.55 3.58 0.00 N | 40.24 3.04 0.00 N | |
| RAVENSWOOD_GT2_4 24247 | 66.23 4.23 -14.97 N | 62.25 2.06 -36.81 N | 36.77 1.82 -14.02 N | 24.10 1.88 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.37 1.20 -32.11 N | 26.36 1.50 -9.09 N | 52.07 2.55 -22.41 N | 75.80 0.71 -67.29 N | 74.96 2.75 -43.43 N | 74.98 1.71 -55.28 N | 74.05 3.13 -38.26 N | 69.07 4.85 -14.25 N | 97.86 3.47 -57.04 N | 102.91 1.30 -87.14 N | 98.55 6.02 -18.54 N | 99.93 5.09 -31.01 N | 150.22 -1.17 -164.60 N | 107.14 2.82 -70.21 N | 94.58 7.03 -1.49 N | 64.86 4.43 -8.12 N | 44.55 3.58 0.00 N | 40.24 3.04 0.00 N | |
| RAVENSWOOD_GT3_1 24248 | 66.19 4.19 -14.97 N | 62.23 2.04 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.87 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.72 -43.43 N | 74.96 1.69 -55.28 N | 74.01 3.09 -38.26 N | 69.01 4.79 -14.25 N | 97.82 3.43 -57.04 N | 102.90 1.29 -87.14 N | 98.48 5.95 -18.54 N | 99.56 4.71 -31.01 N | 150.28 -1.11 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT3_2 24249 | 66.19 4.19 -14.97 N | 62.23 2.04 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.87 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.72 -43.43 N | 74.96 1.69 -55.28 N | 74.01 3.09 -38.26 N | 69.01 4.79 -14.25 N | 97.82 3.43 -57.04 N | 102.90 1.29 -87.14 N | 98.48 5.95 -18.54 N | 99.56 4.71 -31.01 N | 150.28 -1.11 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT3_3 24250 | 66.26 4.27 -14.97 N | 62.26 2.07 -36.81 N | 36.78 1.83 -14.02 N | 24.11 1.90 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.37 1.51 -9.09 N | 52.08 2.57 -22.41 N | 75.81 0.72 -67.29 N | 74.97 2.76 -43.43 N | 75.00 1.73 -55.28 N | 74.07 3.15 -38.26 N | 69.11 4.89 -14.25 N | 97.88 3.50 -57.04 N | 102.92 1.32 -87.14 N | 98.62 6.09 -18.54 N | 99.83 4.99 -31.01 N | 150.22 -1.17 -164.60 N | 107.18 2.85 -70.21 N | 94.65 7.10 -1.49 N | 64.88 4.46 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N | |
| RAVENSWOOD_GT3_4 24251 | 66.26 4.27 -14.97 N | 62.26 2.07 -36.81 N | 36.78 1.83 -14.02 N | 24.11 1.90 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.38 1.21 -32.11 N | 26.37 1.51 -9.09 N | 52.08 2.57 -22.41 N | 75.81 0.72 -67.29 N | 74.97 2.76 -43.43 N | 75.00 1.73 -55.28 N | 74.07 3.15 -38.26 N | 69.11 4.89 -14.25 N | 97.88 3.50 -57.04 N | 102.92 1.32 -87.14 N | 98.62 6.09 -18.54 N | 99.83 4.99 -31.01 N | 150.22 -1.17 -164.60 N | 107.18 2.85 -70.21 N | 94.65 7.10 -1.49 N | 64.88 4.46 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N | |
| RAVENSWOOD_GT_1 23729 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.92 1.32 -87.14 N | 98.44 5.91 -18.54 N | 99.84 5.00 -31.01 N | 150.22 -1.17 -164.60 N | 107.15 2.83 -70.21 N | 94.66 7.11 -1.49 N | 64.92 4.50 -8.12 N | 44.63 3.66 0.00 N | 40.29 3.09 0.00 N | |
| RAVENSWOOD_GT_10 24258 | 66.19 4.19 -14.97 N | 62.22 2.02 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.86 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.52 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.71 -43.43 N | 74.96 1.69 -55.28 N | 74.00 3.08 -38.26 N | 69.01 4.79 -14.25 N | 97.81 3.43 -57.04 N | 102.89 1.29 -87.14 N | 98.30 5.77 -18.54 N | 99.43 4.59 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT_11 24259 | 66.19 4.19 -14.97 N | 62.22 2.02 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.86 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.52 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.71 -43.43 N | 74.96 1.69 -55.28 N | 74.00 3.08 -38.26 N | 69.01 4.79 -14.25 N | 97.81 3.43 -57.04 N | 102.89 1.29 -87.14 N | 98.30 5.77 -18.54 N | 99.43 4.59 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N | |
| RAVENSWOOD_GT_4 24252 | 66.12 4.13 -14.97 N | 62.19 2.00 -36.81 N | 36.72 1.78 -14.02 N | 24.05 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.01 2.49 -22.41 N | 75.79 0.70 -67.29 N | 74.89 2.68 -43.43 N | 74.94 1.68 -55.28 N | 73.97 3.04 -38.26 N | 68.95 4.73 -14.25 N | 97.78 3.39 -57.04 N | 102.89 1.28 -87.14 N | 98.42 5.89 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.11 2.79 -70.21 N | 94.46 6.91 -1.49 N | 64.77 4.34 -8.12 N | 44.51 3.54 0.00 N | 40.19 3.00 0.00 N | |
| RAVENSWOOD_GT_5 24254 | 66.12 4.13 -14.97 N | 62.19 2.00 -36.81 N | 36.72 1.78 -14.02 N | 24.05 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.01 2.49 -22.41 N | 75.79 0.70 -67.29 N | 74.89 2.68 -43.43 N | 74.94 1.68 -55.28 N | 73.97 3.04 -38.26 N | 68.95 4.73 -14.25 N | 97.78 3.39 -57.04 N | 102.89 1.28 -87.14 N | 98.42 5.89 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.11 2.79 -70.21 N | 94.46 6.91 -1.49 N | 64.77 4.34 -8.12 N | 44.51 3.54 0.00 N | 40.19 3.00 0.00 N | |
| RAVENSWOOD_GT_6 | 66.12 | 62.19 | 36.72 | 24.05 | 64.09 | 36.76 | 46.34 | 26.33 | 52.01 | 75.79 | 74.89 | 74.94 | 73.97 | 68.95 | 97.78 | 102.89 | 98.42 | 99.84 | 150.23 | 107.11 | 94.46 | 64.77 | 44.51 | 40.19 | |

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|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|
| 24253 | 4.13 -14.97 N | 2.00 -36.81 N | 1.78 -14.02 N | 1.84 -0.36 N | 0.13 -62.45 N | 0.51 -30.37 N | 1.17 -32.11 N | 1.47 -9.09 N | 2.49 -22.41 N | 0.70 -67.29 N | 2.68 -43.43 N | 1.68 -55.28 N | 3.04 -38.26 N | 4.73 -14.25 N | 3.39 -57.04 N | 1.28 -87.14 N | 5.89 -18.54 N | 5.00 -31.01 N | -1.16 -164.60 N | 2.79 -70.21 N | 6.91 -1.49 N | 4.34 -8.12 N | 3.54 0.00 N | 3.00 0.00 N |
| RAVENSWOOD_GT_7 24255 | 66.12 4.13 -14.97 N | 62.19 2.00 -36.81 N | 36.72 1.78 -14.02 N | 24.05 1.84 -0.36 N | 64.09 0.13 -62.45 N | 36.76 0.51 -30.37 N | 46.34 1.17 -32.11 N | 26.33 1.47 -9.09 N | 52.01 2.49 -22.41 N | 75.79 0.70 -67.29 N | 74.89 2.68 -43.43 N | 74.94 1.68 -55.28 N | 73.97 3.04 -38.26 N | 68.95 4.73 -14.25 N | 97.78 3.39 -57.04 N | 102.89 1.28 -87.14 N | 98.42 5.89 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.11 2.79 -70.21 N | 94.46 6.91 -1.49 N | 64.77 4.34 -8.12 N | 44.51 3.54 0.00 N | 40.19 3.00 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 66.19 4.19 -14.97 N | 62.22 2.02 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.86 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.52 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.71 -43.43 N | 74.96 1.69 -55.28 N | 74.00 3.08 -38.26 N | 69.01 4.79 -14.25 N | 97.81 3.43 -57.04 N | 102.89 1.29 -87.14 N | 98.30 5.77 -18.54 N | 99.43 4.59 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N |
| RAVENSWOOD_GT_9 24257 | 66.19 4.19 -14.97 N | 62.22 2.02 -36.81 N | 36.74 1.80 -14.02 N | 24.08 1.86 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.51 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.04 2.52 -22.41 N | 75.80 0.71 -67.29 N | 74.92 2.71 -43.43 N | 74.96 1.69 -55.28 N | 74.00 3.08 -38.26 N | 69.01 4.79 -14.25 N | 97.81 3.43 -57.04 N | 102.89 1.29 -87.14 N | 98.30 5.77 -18.54 N | 99.43 4.59 -31.01 N | 150.24 -1.15 -164.60 N | 107.11 2.79 -70.21 N | 94.48 6.92 -1.49 N | 64.78 4.35 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N |
| RAVENSWOOD___1 23533 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.93 1.32 -87.14 N | 98.44 5.91 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.15 2.82 -70.21 N | 94.62 7.07 -1.49 N | 64.90 4.47 -8.12 N | 44.61 3.64 0.00 N | 40.27 3.07 0.00 N |
| RAVENSWOOD___2 23534 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.92 1.32 -87.14 N | 98.44 5.90 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.14 2.82 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.46 -8.12 N | 44.61 3.64 0.00 N | 40.26 3.06 0.00 N |
| RAVENSWOOD___3 23535 | 66.19 4.20 -14.97 N | 62.23 2.04 -36.81 N | 36.75 1.80 -14.02 N | 24.09 1.87 -0.36 N | 64.10 0.13 -62.45 N | 36.77 0.52 -30.37 N | 46.36 1.19 -32.11 N | 26.35 1.48 -9.09 N | 52.05 2.53 -22.41 N | 75.80 0.71 -67.29 N | 74.93 2.72 -43.43 N | 74.96 1.70 -55.28 N | 74.02 3.10 -38.26 N | 69.02 4.80 -14.25 N | 97.82 3.44 -57.04 N | 102.90 1.29 -87.14 N | 98.48 5.95 -18.54 N | 99.86 5.02 -31.01 N | 150.23 -1.16 -164.60 N | 107.11 2.79 -70.21 N | 94.49 6.94 -1.49 N | 64.81 4.38 -8.12 N | 44.51 3.54 0.00 N | 40.20 3.00 0.00 N |
| RAVENSWOOD___4 23820 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.93 1.32 -87.14 N | 98.43 5.90 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.14 2.81 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.46 -8.12 N | 44.60 3.63 0.00 N | 40.26 3.06 0.00 N |
| RCPL_TRUST___DRP 24196 | 66.24 4.27 -14.94 N | 62.20 2.07 -36.75 N | 36.77 1.84 -14.00 N | 24.12 1.90 -0.36 N | 64.10 0.14 -62.45 N | 36.78 0.52 -30.37 N | 46.39 1.22 -32.11 N | 26.38 1.51 -9.09 N | 52.09 2.58 -22.41 N | 75.82 0.72 -67.29 N | 74.98 2.78 -43.43 N | 75.01 1.73 -55.28 N | 74.09 3.17 -38.26 N | 69.12 4.90 -14.25 N | 132.17 3.52 -91.31 N | 122.03 1.32 -106.24 N | 103.32 6.11 -23.22 N | 100.00 5.16 -31.01 N | 150.20 -1.19 -164.60 N | 107.18 2.86 -70.21 N | 94.63 7.08 -1.49 N | 64.88 4.45 -8.12 N | 44.59 3.62 0.00 N | 40.27 3.07 0.00 N |
| RENSSELAER___COGEN 23796 | 68.46 2.53 -18.90 N | 71.04 1.17 -46.49 N | 39.67 1.04 -17.71 N | 23.41 1.09 -0.46 N | 80.46 0.08 -78.86 N | 44.54 0.30 -38.35 N | 54.29 0.68 -40.55 N | 28.07 0.82 -11.48 N | 56.85 1.44 -28.30 N | 93.20 0.42 -84.98 N | 85.23 1.61 -54.85 N | 88.80 1.00 -69.82 N | 82.76 1.78 -48.32 N | 70.65 2.68 -17.99 N | 41.72 1.94 -2.44 N | 86.49 0.77 -71.25 N | 91.73 3.82 -13.91 N | 106.35 3.35 -39.17 N | 193.91 -0.74 -207.87 N | 124.58 1.80 -88.67 N | 92.26 4.32 -1.88 N | 65.20 2.64 -10.26 N | 43.02 2.06 0.00 N | 39.04 1.85 0.00 N |
| REVERE_CPPR_DRP 24186 | 47.19 0.16 0.00 N | 23.42 0.04 0.00 N | 20.98 0.06 0.00 N | 21.90 0.06 0.00 N | 1.52 0.00 0.00 N | 5.91 0.02 0.00 N | 13.13 0.06 0.00 N | 15.90 0.13 0.00 N | 27.35 0.25 0.00 N | 7.90 0.10 0.00 N | 29.13 0.36 0.00 N | 18.20 0.21 0.00 N | 33.01 0.35 0.00 N | 50.49 0.51 0.00 N | 37.79 0.45 0.00 N | 14.65 0.19 0.00 N | 75.50 1.50 0.00 N | 65.39 1.57 0.00 N | -13.57 -0.37 0.00 N | 34.82 0.71 0.00 N | 87.41 1.35 0.00 N | 53.00 0.69 0.00 N | 41.36 0.39 0.00 N | 37.43 0.23 0.00 N |
| ROCHESTER_9_IC 23652 | 46.82 -2.05 -1.84 N | 26.90 -1.02 -4.54 N | 21.81 -0.83 -1.72 N | 20.96 -0.94 -0.04 N | 9.01 -0.08 -7.58 N | 9.31 -0.26 -3.68 N | 16.40 -0.56 -3.90 N | 16.27 -0.61 -1.10 N | 28.77 -1.05 -2.72 N | 15.68 -0.28 -8.17 N | 32.68 -1.36 -5.27 N | 23.92 -0.78 -6.71 N | 35.71 -1.59 -4.64 N | 49.21 -2.49 -1.73 N | 35.97 -1.61 -0.23 N | 20.68 -0.64 -6.85 N | 72.96 -2.37 -1.34 N | 66.49 -1.10 -3.76 N | 6.68 -0.08 -19.97 N | 41.88 -0.75 -8.52 N | 82.84 -3.40 -0.18 N | 51.28 -2.01 -0.99 N | 39.62 -1.34 0.00 N | 35.84 -1.36 0.00 N |
| ROSETON___1 23587 | 65.25 3.34 -14.88 N | 61.60 1.61 -36.61 N | 36.31 1.44 -13.95 N | 23.72 1.51 -0.36 N | 63.73 0.11 -62.10 N | 36.50 0.42 -30.20 N | 45.95 0.96 -31.93 N | 26.00 1.19 -9.04 N | 51.40 2.02 -22.29 N | 75.28 0.56 -66.92 N | 74.13 2.16 -43.20 N | 74.30 1.34 -54.98 N | 73.13 2.42 -38.05 N | 67.89 3.75 -14.17 N | 41.97 2.70 -1.92 N | 71.61 1.03 -56.11 N | 89.81 4.87 -10.96 N | 98.82 4.14 -30.84 N | 149.51 -0.97 -163.69 N | 106.25 2.32 -69.82 N | 93.27 5.73 -1.48 N | 63.96 3.57 -8.08 N | 43.82 2.85 0.00 N | 39.64 2.44 0.00 N |
| ROSETON___2 23588 | 65.25 3.34 -14.88 N | 61.60 1.61 -36.61 N | 36.31 1.44 -13.95 N | 23.72 1.51 -0.36 N | 63.73 0.11 -62.10 N | 36.50 0.42 -30.20 N | 45.95 0.96 -31.93 N | 26.00 1.19 -9.04 N | 51.40 2.02 -22.29 N | 75.28 0.56 -66.92 N | 74.13 2.16 -43.20 N | 74.30 1.34 -54.98 N | 73.13 2.42 -38.05 N | 67.89 3.75 -14.17 N | 41.97 2.70 -1.92 N | 71.61 1.03 -56.11 N | 89.81 4.87 -10.96 N | 98.82 4.14 -30.84 N | 149.51 -0.97 -163.69 N | 106.25 2.32 -69.82 N | 93.27 5.73 -1.48 N | 63.96 3.57 -8.08 N | 43.82 2.85 0.00 N | 39.64 2.44 0.00 N |

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|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| RUSSELL___1 23602 | 45.57 -3.28 -1.82 N | 26.35 -1.50 -4.47 N | 21.44 -1.17 -1.70 N | 20.62 -1.27 -0.04 N | 8.87 -0.11 -7.46 N | 9.17 -0.35 -3.63 N | 16.17 -0.73 -3.84 N | 16.10 -0.75 -1.09 N | 28.51 -1.26 -2.68 N | 15.52 -0.32 -8.04 N | 32.42 -1.54 -5.19 N | 23.77 -0.82 -6.61 N | 35.46 -1.77 -4.57 N | 48.72 -2.95 -1.70 N | 35.62 -1.96 -0.23 N | 20.52 -0.69 -6.74 N | 72.44 -2.87 -1.32 N | 65.90 -1.63 -3.71 N | 6.36 -0.10 -19.67 N | 41.55 -0.95 -8.39 N | 81.66 -4.58 -0.18 N | 50.09 -3.18 -0.97 N | 38.43 -2.53 0.00 N | 34.64 -2.56 0.00 N |
| RUSSELL___2 23532 | 45.57 -3.28 -1.82 N | 26.35 -1.50 -4.47 N | 21.44 -1.17 -1.70 N | 20.62 -1.27 -0.04 N | 8.87 -0.11 -7.46 N | 9.17 -0.35 -3.63 N | 16.17 -0.73 -3.84 N | 16.10 -0.75 -1.09 N | 28.51 -1.26 -2.68 N | 15.52 -0.32 -8.04 N | 32.42 -1.54 -5.19 N | 23.77 -0.82 -6.61 N | 35.46 -1.77 -4.57 N | 48.72 -2.95 -1.70 N | 35.62 -1.96 -0.23 N | 20.52 -0.69 -6.74 N | 72.44 -2.87 -1.32 N | 65.90 -1.63 -3.71 N | 6.36 -0.10 -19.67 N | 41.55 -0.95 -8.39 N | 81.66 -4.58 -0.18 N | 50.09 -3.18 -0.97 N | 38.43 -2.53 0.00 N | 34.64 -2.56 0.00 N |
| RUSSELL___3 23549 | 46.37 -2.50 -1.84 N | 26.72 -1.20 -4.54 N | 21.67 -0.97 -1.72 N | 20.82 -1.08 -0.04 N | 9.00 -0.10 -7.58 N | 9.27 -0.30 -3.68 N | 16.33 -0.63 -3.90 N | 16.20 -0.67 -1.10 N | 28.66 -1.16 -2.72 N | 15.65 -0.31 -8.17 N | 32.59 -1.46 -5.27 N | 23.88 -0.82 -6.71 N | 35.61 -1.69 -4.64 N | 48.96 -2.74 -1.73 N | 35.80 -1.78 -0.23 N | 20.64 -0.68 -6.85 N | 72.64 -2.68 -1.34 N | 66.20 -1.39 -3.76 N | 6.69 -0.07 -19.97 N | 41.76 -0.87 -8.52 N | 82.28 -3.97 -0.18 N | 50.78 -2.51 -0.99 N | 39.14 -1.83 0.00 N | 35.37 -1.83 0.00 N |
| RUSSELL___4 23556 | 45.58 -3.27 -1.82 N | 26.35 -1.50 -4.47 N | 21.44 -1.17 -1.70 N | 20.62 -1.27 -0.04 N | 8.87 -0.11 -7.46 N | 9.17 -0.35 -3.63 N | 16.17 -0.73 -3.84 N | 16.10 -0.75 -1.09 N | 28.51 -1.26 -2.68 N | 15.51 -0.32 -8.04 N | 32.42 -1.55 -5.19 N | 23.76 -0.83 -6.61 N | 35.45 -1.78 -4.57 N | 48.72 -2.95 -1.70 N | 35.62 -1.96 -0.23 N | 20.51 -0.70 -6.74 N | 72.43 -2.88 -1.32 N | 65.89 -1.65 -3.71 N | 6.36 -0.09 -19.67 N | 41.55 -0.95 -8.39 N | 81.66 -4.58 -0.18 N | 50.09 -3.18 -0.97 N | 38.45 -2.52 0.00 N | 34.65 -2.55 0.00 N |
| RUSSELL___STATION 23914 | 46.37 -2.50 -1.84 N | 26.72 -1.20 -4.54 N | 21.67 -0.97 -1.72 N | 20.82 -1.08 -0.04 N | 9.00 -0.10 -7.58 N | 9.27 -0.30 -3.68 N | 16.33 -0.63 -3.90 N | 16.20 -0.67 -1.10 N | 28.66 -1.16 -2.72 N | 15.65 -0.31 -8.17 N | 32.59 -1.46 -5.27 N | 23.88 -0.82 -6.71 N | 35.61 -1.69 -4.64 N | 48.96 -2.74 -1.73 N | 35.80 -1.78 -0.23 N | 20.64 -0.68 -6.85 N | 72.64 -2.68 -1.34 N | 66.20 -1.39 -3.76 N | 6.69 -0.07 -19.97 N | 41.76 -0.87 -8.52 N | 82.28 -3.97 -0.18 N | 50.78 -2.51 -0.99 N | 39.14 -1.83 0.00 N | 35.37 -1.83 0.00 N |
| S SALMON___HYD 24043 | 46.15 -1.84 -0.96 N | 24.81 -0.94 -2.37 N | 20.97 -0.85 -0.90 N | 20.96 -0.91 -0.02 N | 5.47 -0.07 -4.02 N | 7.60 -0.24 -1.95 N | 14.59 -0.54 -2.07 N | 15.76 -0.59 -0.58 N | 27.58 -0.97 -1.44 N | 11.88 -0.25 -4.33 N | 30.57 -1.00 -2.80 N | 20.93 -0.62 -3.56 N | 34.02 -1.11 -2.46 N | 49.27 -1.62 -0.92 N | 36.30 -1.17 -0.12 N | 17.64 -0.45 -3.63 N | 72.92 -1.78 -0.71 N | 64.63 -1.20 -2.00 N | -2.40 0.22 -10.59 N | 37.83 -0.79 -4.52 N | 83.74 -2.42 -0.10 N | 51.28 -1.55 -0.52 N | 39.67 -1.30 0.00 N | 35.91 -1.29 0.00 N |
| SELKIRK___II 23799 | 67.96 2.12 -18.82 N | 70.66 0.99 -46.29 N | 39.45 0.90 -17.63 N | 23.25 0.94 -0.46 N | 80.10 0.07 -78.52 N | 44.33 0.26 -38.18 N | 54.00 0.57 -40.37 N | 27.89 0.69 -11.43 N | 56.48 1.20 -28.18 N | 92.75 0.34 -84.61 N | 84.70 1.32 -54.61 N | 88.31 0.81 -69.51 N | 82.24 1.47 -48.11 N | 70.14 2.25 -17.92 N | 41.41 1.64 -2.43 N | 86.05 0.65 -70.93 N | 90.99 3.15 -13.85 N | 105.57 2.74 -39.00 N | 193.13 -0.62 -206.96 N | 123.88 1.49 -88.28 N | 91.52 3.58 -1.87 N | 64.73 2.22 -10.21 N | 42.68 1.71 0.00 N | 38.73 1.54 0.00 N |
| SELKIRK___I 23801 | 68.19 2.38 -18.79 N | 70.74 1.13 -46.22 N | 39.53 1.01 -17.61 N | 23.37 1.06 -0.46 N | 80.00 0.08 -78.40 N | 44.30 0.29 -38.13 N | 54.02 0.64 -40.31 N | 27.97 0.79 -11.42 N | 56.61 1.37 -28.14 N | 92.68 0.39 -84.49 N | 84.81 1.50 -54.53 N | 88.33 0.94 -69.41 N | 82.39 1.69 -48.04 N | 70.46 2.59 -17.89 N | 41.65 1.88 -2.43 N | 86.04 0.74 -70.83 N | 91.43 3.61 -13.83 N | 105.95 3.18 -38.94 N | 192.74 -0.71 -206.65 N | 123.98 1.72 -88.15 N | 92.07 4.14 -1.87 N | 65.05 2.55 -10.20 N | 42.94 1.97 0.00 N | 38.93 1.73 0.00 N |
| SENECA OSWGO___HYD 24041 | 46.78 -1.35 -1.10 N | 25.40 -0.69 -2.71 N | 21.36 -0.59 -1.03 N | 21.24 -0.64 -0.03 N | 6.06 -0.05 -4.59 N | 7.95 -0.17 -2.23 N | 15.05 -0.37 -2.36 N | 16.01 -0.42 -0.67 N | 28.02 -0.72 -1.65 N | 12.55 -0.19 -4.95 N | 31.19 -0.78 -3.19 N | 21.57 -0.48 -4.06 N | 34.56 -0.91 -2.81 N | 49.63 -1.39 -1.05 N | 36.51 -0.98 -0.14 N | 18.24 -0.38 -4.15 N | 73.22 -1.58 -0.81 N | 65.03 -1.08 -2.28 N | -0.95 0.16 -12.10 N | 38.60 -0.67 -5.16 N | 84.04 -2.13 -0.11 N | 51.62 -1.28 -0.60 N | 39.94 -1.02 0.00 N | 36.19 -1.00 0.00 N |
| SENECA___ENERGY 23797 | 47.17 -2.30 -2.45 N | 28.36 -1.05 -6.02 N | 22.49 -0.73 -2.29 N | 21.11 -0.80 -0.06 N | 11.68 -0.05 -10.22 N | 10.66 -0.19 -4.97 N | 17.92 -0.39 -5.25 N | 16.83 -0.43 -1.49 N | 29.88 -0.89 -3.67 N | 18.62 -0.18 -11.01 N | 34.93 -0.95 -7.11 N | 26.44 -0.59 -9.04 N | 37.70 -1.22 -6.26 N | 50.38 -1.93 -2.33 N | 36.35 -1.31 -0.32 N | 23.15 -0.55 -9.23 N | 74.02 -1.77 -1.80 N | 67.69 -1.21 -5.07 N | 13.67 -0.05 -26.93 N | 44.68 -0.92 -11.49 N | 82.63 -3.68 -0.24 N | 51.63 -2.01 -1.33 N | 39.31 -1.66 0.00 N | 35.72 -1.48 0.00 N |
| SHOEMAKER___GT 23640 | 63.67 2.99 -13.65 N | 58.39 1.44 -33.57 N | 35.00 1.29 -12.79 N | 23.52 1.34 -0.33 N | 58.55 0.09 -56.94 N | 33.95 0.37 -27.69 N | 43.20 0.86 -29.27 N | 25.13 1.08 -8.29 N | 49.36 1.82 -20.44 N | 69.66 0.51 -61.35 N | 70.33 1.95 -39.60 N | 69.60 1.21 -50.40 N | 69.73 2.19 -34.89 N | 66.34 3.38 -12.99 N | 41.52 2.42 -1.76 N | 66.83 0.92 -51.44 N | 88.44 4.41 -10.04 N | 95.86 3.76 -28.28 N | 135.98 -0.89 -150.07 N | 100.25 2.13 -64.02 N | 92.61 5.19 -1.36 N | 62.94 3.23 -7.40 N | 43.52 2.55 0.00 N | 39.37 2.18 0.00 N |
| SHOREHAM_IC_1 23715 | 72.48 5.57 -19.89 N | 71.33 2.85 -45.09 N | 41.57 2.54 -18.10 N | 24.85 2.63 -0.36 N | 64.16 0.19 -62.45 N | 36.97 0.72 -30.37 N | 50.44 1.64 -35.75 N | 66.21 2.03 -48.41 N | 71.13 3.36 -40.66 N | 75.83 0.74 -67.29 N | 75.13 2.92 -43.43 N | 75.15 1.88 -55.28 N | 74.58 3.66 -38.26 N | 73.20 6.09 -17.14 N | 72.64 4.62 -30.68 N | 79.47 1.70 -63.30 N | 104.39 8.05 -22.35 N | 108.82 6.75 -38.25 N | 150.01 -1.37 -164.60 N | 109.08 3.54 -71.43 N | 97.13 8.78 -2.29 N | 117.47 5.88 -59.29 N | 73.62 4.66 -27.99 N | 67.78 4.24 -26.34 N |
| SHOREHAM_IC_2 23716 | 72.48 5.57 -19.89 N | 71.33 2.85 -45.09 N | 41.57 2.54 -18.10 N | 24.85 2.63 -0.36 N | 64.16 0.19 -62.45 N | 36.97 0.72 -30.37 N | 50.44 1.64 -35.75 N | 66.21 2.03 -48.41 N | 71.13 3.36 -40.66 N | 75.83 0.74 -67.29 N | 75.13 2.92 -43.43 N | 75.15 1.88 -55.28 N | 74.58 3.66 -38.26 N | 73.20 6.09 -17.14 N | 72.64 4.62 -30.68 N | 79.47 1.70 -63.30 N | 104.39 8.05 -22.35 N | 108.82 6.75 -38.25 N | 150.01 -1.37 -164.60 N | 109.08 3.54 -71.43 N | 97.13 8.78 -2.29 N | 117.47 5.88 -59.29 N | 73.62 4.66 -27.99 N | 67.78 4.24 -26.34 N |
| SISSONVILLE___ 23735 | 45.98 -1.04 0.00 N | 22.91 -0.47 0.00 N | 20.44 -0.48 0.00 N | 21.33 -0.52 0.00 N | 1.47 -0.04 0.00 N | 5.74 -0.15 0.00 N | 12.65 -0.41 0.00 N | 15.29 -0.47 0.00 N | 26.35 -0.74 0.00 N | 7.60 -0.20 0.00 N | 28.02 -0.75 0.00 N | 17.53 -0.45 0.00 N | 31.88 -0.78 0.00 N | 48.72 -1.25 0.00 N | 36.36 -0.98 0.00 N | 14.14 -0.33 0.00 N | 71.72 -2.27 0.00 N | 61.80 -2.03 0.00 N | -12.62 0.58 0.00 N | 32.98 -1.13 0.00 N | 83.51 -2.55 0.00 N | 50.59 -1.71 0.00 N | 40.04 -0.92 0.00 N | 36.45 -0.74 0.00 N |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|---|
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| SITHE_IND_GS1 24169 | 46.31 -1.66 -0.94 N | 24.85 -0.83 -2.30 N | 21.08 -0.72 -0.87 N | 21.11 -0.76 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.20 -1.84 N | 14.56 -0.45 -1.95 N | 15.79 -0.53 -0.55 N | 27.53 -0.93 -1.36 N | 11.62 -0.26 -4.08 N | 30.39 -1.02 -2.63 N | 20.71 -0.63 -3.35 N | 33.79 -1.20 -2.32 N | 49.01 -1.83 -0.86 N | 36.15 -1.31 -0.12 N | 17.38 -0.51 -3.42 N | 72.25 -2.41 -0.67 N | 63.82 -1.88 -1.88 N | -2.90 0.32 -9.99 N | 37.32 -1.05 -4.26 N | 83.16 -3.00 -0.09 N | 51.02 -1.78 -0.49 N | 39.61 -1.36 0.00 N | 35.94 -1.26 0.00 N | |
| SITHE_IND_GS2 24170 | 46.31 -1.66 -0.94 N | 24.85 -0.83 -2.30 N | 21.08 -0.72 -0.87 N | 21.11 -0.76 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.20 -1.84 N | 14.56 -0.45 -1.95 N | 15.79 -0.53 -0.55 N | 27.53 -0.93 -1.36 N | 11.62 -0.26 -4.08 N | 30.39 -1.02 -2.63 N | 20.71 -0.63 -3.35 N | 33.79 -1.20 -2.32 N | 49.01 -1.83 -0.86 N | 36.15 -1.31 -0.12 N | 17.38 -0.51 -3.42 N | 72.25 -2.41 -0.67 N | 63.82 -1.88 -1.88 N | -2.90 0.32 -9.99 N | 37.32 -1.05 -4.26 N | 83.16 -3.00 -0.09 N | 51.02 -1.78 -0.49 N | 39.61 -1.36 0.00 N | 35.94 -1.26 0.00 N | |
| SITHE_IND_GS3 24171 | 46.31 -1.66 -0.94 N | 24.85 -0.83 -2.30 N | 21.08 -0.72 -0.87 N | 21.11 -0.76 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.20 -1.84 N | 14.56 -0.45 -1.95 N | 15.79 -0.53 -0.55 N | 27.53 -0.93 -1.36 N | 11.62 -0.26 -4.08 N | 30.39 -1.02 -2.63 N | 20.71 -0.63 -3.35 N | 33.79 -1.20 -2.32 N | 49.01 -1.83 -0.86 N | 36.15 -1.31 -0.12 N | 17.38 -0.51 -3.42 N | 72.25 -2.41 -0.67 N | 63.82 -1.88 -1.88 N | -2.90 0.32 -9.99 N | 37.32 -1.05 -4.26 N | 83.16 -3.00 -0.09 N | 51.02 -1.78 -0.49 N | 39.61 -1.36 0.00 N | 35.94 -1.26 0.00 N | |
| SITHE_IND_GS4 24172 | 46.31 -1.66 -0.94 N | 24.85 -0.83 -2.30 N | 21.08 -0.72 -0.87 N | 21.11 -0.76 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.20 -1.84 N | 14.56 -0.45 -1.95 N | 15.79 -0.53 -0.55 N | 27.53 -0.93 -1.36 N | 11.62 -0.26 -4.08 N | 30.39 -1.02 -2.63 N | 20.71 -0.63 -3.35 N | 33.79 -1.20 -2.32 N | 49.01 -1.83 -0.86 N | 36.15 -1.31 -0.12 N | 17.38 -0.51 -3.42 N | 72.25 -2.41 -0.67 N | 63.82 -1.88 -1.88 N | -2.90 0.32 -9.99 N | 37.32 -1.05 -4.26 N | 83.16 -3.00 -0.09 N | 51.02 -1.78 -0.49 N | 39.61 -1.36 0.00 N | 35.94 -1.26 0.00 N | |
| SITHE___BATAVIA 24024 | 45.91 -3.16 -2.04 N | 26.82 -1.58 -5.01 N | 21.50 -1.32 -1.90 N | 20.42 -1.48 -0.05 N | 9.65 -0.13 -8.27 N | 9.50 -0.41 -4.02 N | 16.40 -0.91 -4.25 N | 15.88 -1.09 -1.20 N | 28.16 -1.91 -2.97 N | 16.14 -0.56 -8.91 N | 32.00 -2.52 -5.75 N | 23.79 -1.51 -7.32 N | 34.72 -3.01 -5.06 N | 47.25 -4.61 -1.89 N | 34.45 -3.14 -0.26 N | 20.66 -1.27 -7.47 N | 69.90 -5.55 -1.46 N | 64.45 -3.48 -4.10 N | 8.89 0.32 -21.79 N | 41.41 -2.00 -9.29 N | 79.48 -6.78 -0.20 N | 49.67 -3.71 -1.07 N | 38.65 -2.32 0.00 N | 35.11 -2.09 0.00 N | |
| SITHE___INDEPEND 23800 | 46.31 -1.66 -0.94 N | 24.85 -0.83 -2.30 N | 21.08 -0.72 -0.87 N | 21.11 -0.76 -0.02 N | 5.25 -0.05 -3.79 N | 7.52 -0.20 -1.84 N | 14.56 -0.45 -1.95 N | 15.79 -0.53 -0.55 N | 27.53 -0.93 -1.36 N | 11.62 -0.26 -4.08 N | 30.39 -1.02 -2.63 N | 20.71 -0.63 -3.35 N | 33.79 -1.20 -2.32 N | 49.01 -1.83 -0.86 N | 36.15 -1.31 -0.12 N | 17.38 -0.51 -3.42 N | 72.25 -2.41 -0.67 N | 63.82 -1.88 -1.88 N | -2.90 0.32 -9.99 N | 37.32 -1.05 -4.26 N | 83.16 -3.00 -0.09 N | 51.02 -1.78 -0.49 N | 39.61 -1.36 0.00 N | 35.94 -1.26 0.00 N | |
| SITHE___MASSENA 23902 | 46.57 -0.45 0.00 N | 23.22 -0.16 0.00 N | 20.74 -0.18 0.00 N | 21.65 -0.20 0.00 N | 1.50 -0.02 0.00 N | 5.82 -0.07 0.00 N | 12.89 -0.18 0.00 N | 15.55 -0.22 0.00 N | 26.73 -0.37 0.00 N | 7.69 -0.10 0.00 N | 28.39 -0.39 0.00 N | 17.76 -0.23 0.00 N | 32.29 -0.37 0.00 N | 49.37 -0.60 0.00 N | 36.87 -0.47 0.00 N | 14.29 -0.18 0.00 N | 72.90 -1.09 0.00 N | 62.75 -1.08 0.00 N | -12.85 0.36 0.00 N | 33.58 -0.54 0.00 N | 85.09 -0.98 0.00 N | 51.56 -0.74 0.00 N | 40.53 -0.43 0.00 N | 36.92 -0.28 0.00 N | |
| SITHE___OGDNSBRG 24021 | 46.93 -0.09 0.00 N | 23.39 0.01 0.00 N | 20.88 -0.04 0.00 N | 21.79 -0.06 0.00 N | 1.51 -0.01 0.00 N | 5.86 -0.03 0.00 N | 12.96 -0.10 0.00 N | 15.68 -0.09 0.00 N | 26.99 -0.11 0.00 N | 7.77 -0.03 0.00 N | 28.69 -0.09 0.00 N | 17.95 -0.03 0.00 N | 32.64 -0.02 0.00 N | 49.90 -0.07 0.00 N | 37.25 -0.09 0.00 N | 14.45 -0.02 0.00 N | 73.71 -0.28 0.00 N | 63.45 -0.38 0.00 N | -12.97 0.24 0.00 N | 33.92 -0.19 0.00 N | 85.94 -0.12 0.00 N | 52.00 -0.30 0.00 N | 40.88 -0.09 0.00 N | 37.23 0.03 0.00 N | |
| SITHE___STERLING 23777 | 47.40 -0.01 -0.39 N | 24.29 -0.04 -0.95 N | 21.29 0.00 -0.36 N | 21.85 -0.01 -0.01 N | 3.12 0.00 -1.61 N | 6.67 0.00 -0.78 N | 13.92 0.03 -0.83 N | 16.08 0.08 -0.23 N | 27.82 0.15 -0.58 N | 9.60 0.07 -1.73 N | 30.11 0.22 -1.12 N | 19.53 0.12 -1.42 N | 33.81 0.16 -0.98 N | 50.57 0.23 -0.37 N | 37.65 0.25 -0.05 N | 16.04 0.12 -1.45 N | 75.35 1.07 -0.28 N | 65.79 1.16 -0.80 N | -9.28 -0.31 -4.24 N | 36.43 0.51 -1.81 N | 86.93 0.83 -0.04 N | 52.95 0.43 -0.21 N | 41.19 0.22 0.00 N | 37.30 0.11 0.00 N | |
| SOUTH CAIRO___GT 23612 | 67.69 3.93 -16.73 N | 66.39 1.87 -41.15 N | 38.25 1.65 -15.68 N | 23.98 1.72 -0.41 N | 71.55 0.12 -69.91 N | 40.35 0.47 -33.99 N | 50.08 1.08 -35.94 N | 27.28 1.34 -10.18 N | 54.53 2.34 -25.09 N | 83.81 0.68 -75.33 N | 79.99 2.59 -48.62 N | 81.50 1.62 -61.89 N | 78.40 2.91 -42.84 N | 70.40 4.47 -15.95 N | 42.77 3.26 -2.16 N | 78.88 1.25 -63.16 N | 92.93 6.61 -12.33 N | 104.39 5.84 -34.72 N | 169.77 -1.28 -184.26 N | 115.86 3.15 -78.60 N | 95.34 7.61 -1.67 N | 66.00 4.61 -9.09 N | 44.46 3.49 0.00 N | 40.16 2.96 0.00 N | |
| SOUTH HAMPTN___IC 23720 | 72.81 5.89 -19.89 N | 71.47 2.99 -45.09 N | 41.70 2.67 -18.10 N | 24.98 2.76 -0.36 N | 64.17 0.21 -62.45 N | 37.01 0.76 -30.37 N | 50.54 1.73 -35.75 N | 66.33 2.15 -48.41 N | 71.33 3.57 -40.66 N | 75.90 0.81 -67.29 N | 75.38 3.17 -43.43 N | 75.31 2.04 -55.28 N | 74.86 3.94 -38.26 N | 73.62 6.51 -17.14 N | 72.95 4.93 -30.68 N | 79.59 1.81 -63.30 N | 105.13 8.79 -22.35 N | 109.54 7.46 -38.25 N | 149.87 -1.52 -164.60 N | 109.44 3.90 -71.43 N | 98.04 9.69 -2.29 N | 118.01 6.41 -59.29 N | 73.97 5.02 -27.99 N | 68.07 4.53 -26.34 N | |
| SOUTHOLD___IC 23719 | 73.60 6.68 -19.89 N | 71.85 3.37 -45.09 N | 42.01 2.99 -18.10 N | 25.31 3.09 -0.36 N | 64.19 0.23 -62.45 N | 37.10 0.85 -30.37 N | 50.74 1.93 -35.75 N | 66.58 2.39 -48.41 N | 71.78 4.02 -40.66 N | 76.03 0.94 -67.29 N | 75.91 3.71 -43.43 N | 75.64 2.37 -55.28 N | 75.46 4.54 -38.26 N | 74.55 7.44 -17.14 N | 73.65 5.63 -30.68 N | 79.85 2.08 -63.30 N | 106.76 10.42 -22.35 N | 111.02 8.95 -38.25 N | 149.56 -1.83 -164.60 N | 110.22 4.68 -71.43 N | 99.92 11.57 -2.29 N | 119.10 7.51 -59.29 N | 74.76 5.80 -27.99 N | 68.72 5.17 -26.34 N | |
| ST LAWRENCE____ 23600 | 46.32 -0.70 0.00 N | 23.10 -0.28 0.00 N | 20.64 -0.28 0.00 N | 21.54 -0.31 0.00 N | 1.49 -0.02 0.00 N | 5.79 -0.10 0.00 N | 12.83 -0.23 0.00 N | 15.47 -0.30 0.00 N | 26.59 -0.51 0.00 N | 7.65 -0.15 0.00 N | 28.23 -0.55 0.00 N | 17.66 -0.33 0.00 N | 32.11 -0.55 0.00 N | 49.10 -0.88 0.00 N | 36.66 -0.68 0.00 N | 14.21 -0.26 0.00 N | 72.48 -1.52 0.00 N | 62.38 -1.44 0.00 N | -12.78 0.43 0.00 N | 33.39 -0.72 0.00 N | 84.62 -1.45 0.00 N | 51.30 -1.00 0.00 N | 40.30 -0.66 0.00 N | 36.71 -0.49 0.00 N | |
| STATION 5_MISC_HYD | 44.26 | 25.62 | 20.72 | 19.85 | 8.81 | 8.95 | 15.71 | 15.56 | 27.60 | 15.26 | 31.53 | 23.20 | 34.49 | 47.33 | 34.59 | 20.09 | 70.80 | 64.67 | 6.68 | 40.80 | 80.00 | 49.12 | 37.67 | 33.81 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|
| 23604 | -4.58 -1.82 N | -2.23 -4.47 N | -1.90 -1.70 N | -2.05 -0.04 N | -0.17 -7.46 N | -0.56 -3.63 N | -1.19 -3.84 N | -1.30 -1.09 N | -2.18 -2.68 N | -0.58 -8.04 N | -2.44 -5.19 N | -1.40 -6.61 N | -2.74 -4.57 N | -4.34 -1.70 N | -2.98 -0.23 N | -1.12 -6.74 N | -4.50 -1.32 N | -2.86 -3.71 N | 0.23 -19.67 N | -1.70 -8.39 N | -6.25 -0.18 N | -4.15 -0.97 N | -3.30 0.00 N | -3.39 0.00 N |
| STURGEON_POOL_HYD 23609 | 65.88 3.51 -15.35 N | 62.89 1.75 -37.76 N | 36.87 1.56 -14.38 N | 23.86 1.63 -0.37 N | 65.68 0.11 -64.05 N | 37.48 0.45 -31.15 N | 47.03 1.03 -32.93 N | 26.39 1.30 -9.33 N | 52.30 2.22 -22.99 N | 77.44 0.62 -69.02 N | 75.71 2.38 -44.55 N | 76.17 1.48 -56.71 N | 74.59 2.68 -39.25 N | 68.73 4.14 -14.61 N | 42.30 2.97 -1.98 N | 73.48 1.15 -57.87 N | 90.64 5.34 -11.30 N | 100.29 4.64 -31.71 N | 154.56 -1.07 -168.83 N | 108.77 2.64 -72.02 N | 94.17 6.58 -1.53 N | 64.69 4.06 -8.33 N | 44.15 3.18 0.00 N | 39.88 2.68 0.00 N |
| SYRACUSE___POWER 24017 | 47.47 -0.91 -1.35 N | 26.23 -0.47 -3.32 N | 21.82 -0.36 -1.26 N | 21.49 -0.39 -0.03 N | 7.11 -0.02 -5.63 N | 8.52 -0.10 -2.73 N | 15.74 -0.21 -2.89 N | 16.36 -0.22 -0.82 N | 28.72 -0.40 -2.02 N | 13.77 -0.09 -6.06 N | 32.26 -0.43 -3.91 N | 22.68 -0.29 -4.98 N | 35.53 -0.58 -3.45 N | 50.37 -0.89 -1.28 N | 36.92 -0.59 -0.17 N | 19.32 -0.23 -5.08 N | 74.23 -0.76 -0.99 N | 66.25 -0.37 -2.79 N | 1.61 -0.01 -14.83 N | 40.12 -0.31 -6.32 N | 84.90 -1.30 -0.13 N | 52.25 -0.79 -0.73 N | 40.32 -0.65 0.00 N | 36.56 -0.64 0.00 N |
| Stony___Brook 24151 | 72.15 5.24 -19.89 N | 71.19 2.72 -45.09 N | 41.43 2.41 -18.10 N | 24.71 2.49 -0.36 N | 64.15 0.18 -62.45 N | 36.93 0.68 -30.37 N | 50.35 1.54 -35.75 N | 66.10 1.92 -48.41 N | 70.92 3.16 -40.66 N | 75.76 0.66 -67.29 N | 74.84 2.63 -43.43 N | 74.97 1.70 -55.28 N | 74.28 3.35 -38.26 N | 72.77 5.66 -17.14 N | 72.34 4.32 -30.68 N | 79.37 1.60 -63.30 N | 103.16 6.82 -22.35 N | 107.68 5.60 -38.25 N | 150.28 -1.11 -164.60 N | 108.41 2.87 -71.43 N | 95.53 7.18 -2.29 N | 116.67 5.08 -59.29 N | 73.21 4.26 -27.99 N | 67.47 3.93 -26.34 N |
| UNION___PROCESSING_DRP 323587 | 46.20 -2.68 -1.84 N | 26.60 -1.31 -4.54 N | 21.55 -1.09 -1.72 N | 20.69 -1.20 -0.04 N | 8.99 -0.10 -7.58 N | 9.24 -0.33 -3.68 N | 16.24 -0.72 -3.90 N | 16.05 -0.82 -1.10 N | 28.38 -1.44 -2.72 N | 15.56 -0.40 -8.17 N | 32.25 -1.79 -5.27 N | 23.64 -1.05 -6.71 N | 35.21 -2.09 -4.64 N | 48.45 -3.26 -1.73 N | 35.37 -2.21 -0.23 N | 20.45 -0.87 -6.85 N | 71.69 -3.64 -1.34 N | 65.33 -2.26 -3.76 N | 6.92 0.17 -19.97 N | 41.28 -1.35 -8.52 N | 81.44 -4.81 -0.18 N | 50.45 -2.84 -0.99 N | 39.01 -1.95 0.00 N | 35.34 -1.86 0.00 N |
| UPPER HUDSON___HYD 24058 | 68.95 2.56 -19.37 N | 72.03 1.00 -47.64 N | 39.95 0.87 -18.15 N | 23.29 0.96 -0.47 N | 82.50 0.06 -80.93 N | 45.50 0.26 -39.36 N | 55.31 0.64 -41.61 N | 28.33 0.78 -11.78 N | 57.59 1.45 -29.05 N | 95.45 0.45 -87.21 N | 86.88 1.81 -56.29 N | 90.74 1.11 -71.64 N | 84.16 1.92 -49.59 N | 71.34 2.90 -18.47 N | 42.01 2.16 -2.50 N | 88.46 0.88 -73.11 N | 93.07 4.81 -14.28 N | 108.35 4.33 -40.19 N | 199.19 -0.92 -213.31 N | 127.31 2.21 -90.99 N | 93.36 5.37 -1.93 N | 66.08 3.25 -10.53 N | 43.27 2.30 0.00 N | 39.13 1.93 0.00 N |
| UPPER RAQUET___HYD 24056 | 45.98 -1.04 0.00 N | 22.91 -0.47 0.00 N | 20.44 -0.48 0.00 N | 21.33 -0.52 0.00 N | 1.47 -0.04 0.00 N | 5.74 -0.15 0.00 N | 12.65 -0.41 0.00 N | 15.29 -0.47 0.00 N | 26.35 -0.74 0.00 N | 7.60 -0.20 0.00 N | 28.02 -0.75 0.00 N | 17.53 -0.45 0.00 N | 31.88 -0.78 0.00 N | 48.72 -1.25 0.00 N | 36.36 -0.98 0.00 N | 14.14 -0.33 0.00 N | 71.72 -2.27 0.00 N | 61.80 -2.03 0.00 N | -12.62 0.58 0.00 N | 32.98 -1.13 0.00 N | 83.51 -2.55 0.00 N | 50.59 -1.71 0.00 N | 40.04 -0.92 0.00 N | 36.45 -0.74 0.00 N |
| VISCHER___FERRY HYD 24020 | 68.35 2.29 -19.04 N | 71.21 1.00 -46.83 N | 39.64 0.88 -17.84 N | 23.25 0.94 -0.46 N | 81.02 0.07 -79.44 N | 44.78 0.26 -38.63 N | 54.50 0.60 -40.84 N | 28.06 0.72 -11.57 N | 56.88 1.27 -28.51 N | 93.77 0.37 -85.60 N | 85.48 1.46 -55.25 N | 89.22 0.91 -70.32 N | 82.95 1.61 -48.67 N | 70.55 2.45 -18.12 N | 41.60 1.80 -2.46 N | 86.97 0.73 -71.76 N | 91.65 3.65 -14.01 N | 106.50 3.22 -39.45 N | 195.45 -0.72 -209.38 N | 125.14 1.72 -89.31 N | 92.08 4.13 -1.89 N | 65.16 2.52 -10.33 N | 42.85 1.88 0.00 N | 38.89 1.69 0.00 N |
| WADING RIVER_IC_1 23522 | 72.30 5.39 -19.89 N | 71.24 2.77 -45.09 N | 41.50 2.48 -18.10 N | 24.77 2.56 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.70 -30.37 N | 50.40 1.59 -35.75 N | 66.16 1.97 -48.41 N | 71.02 3.26 -40.66 N | 75.80 0.71 -67.29 N | 75.04 2.83 -43.43 N | 75.08 1.81 -55.28 N | 74.45 3.53 -38.26 N | 73.00 5.89 -17.14 N | 72.49 4.47 -30.68 N | 79.41 1.64 -63.30 N | 104.03 7.69 -22.35 N | 108.50 6.43 -38.25 N | 150.08 -1.31 -164.60 N | 108.91 3.37 -71.43 N | 96.73 8.38 -2.29 N | 117.24 5.65 -59.29 N | 73.46 4.50 -27.99 N | 67.64 4.10 -26.34 N |
| WADING RIVER_IC_2 23547 | 72.30 5.39 -19.89 N | 71.24 2.77 -45.09 N | 41.50 2.48 -18.10 N | 24.77 2.56 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.70 -30.37 N | 50.40 1.59 -35.75 N | 66.16 1.97 -48.41 N | 71.02 3.26 -40.66 N | 75.80 0.71 -67.29 N | 75.04 2.83 -43.43 N | 75.08 1.81 -55.28 N | 74.45 3.53 -38.26 N | 73.00 5.89 -17.14 N | 72.49 4.47 -30.68 N | 79.41 1.64 -63.30 N | 104.03 7.69 -22.35 N | 108.50 6.43 -38.25 N | 150.08 -1.31 -164.60 N | 108.91 3.37 -71.43 N | 96.73 8.38 -2.29 N | 117.24 5.65 -59.29 N | 73.46 4.50 -27.99 N | 67.64 4.10 -26.34 N |
| WADING RIVER_IC_3 23601 | 72.30 5.39 -19.89 N | 71.24 2.77 -45.09 N | 41.50 2.48 -18.10 N | 24.77 2.56 -0.36 N | 64.15 0.19 -62.45 N | 36.95 0.70 -30.37 N | 50.40 1.59 -35.75 N | 66.16 1.97 -48.41 N | 71.02 3.26 -40.66 N | 75.80 0.71 -67.29 N | 75.04 2.83 -43.43 N | 75.08 1.81 -55.28 N | 74.45 3.53 -38.26 N | 73.00 5.89 -17.14 N | 72.49 4.47 -30.68 N | 79.41 1.64 -63.30 N | 104.03 7.69 -22.35 N | 108.50 6.43 -38.25 N | 150.08 -1.31 -164.60 N | 108.91 3.37 -71.43 N | 96.73 8.38 -2.29 N | 117.24 5.65 -59.29 N | 73.46 4.50 -27.99 N | 67.64 4.10 -26.34 N |
| WALDEN___HYDRO 24148 | 65.08 3.45 -14.61 N | 60.97 1.66 -35.93 N | 36.09 1.47 -13.69 N | 23.76 1.55 -0.36 N | 62.58 0.11 -60.96 N | 35.95 0.43 -29.64 N | 45.39 0.99 -31.34 N | 25.89 1.25 -8.88 N | 51.10 2.12 -21.88 N | 74.08 0.59 -65.68 N | 73.44 2.27 -42.39 N | 73.35 1.41 -53.96 N | 72.56 2.55 -37.35 N | 67.80 3.92 -13.91 N | 42.04 2.81 -1.89 N | 70.60 1.06 -55.07 N | 89.82 5.08 -10.75 N | 98.51 4.41 -30.27 N | 146.42 -1.04 -160.67 N | 105.19 2.54 -68.53 N | 93.74 6.23 -1.45 N | 64.07 3.83 -7.93 N | 43.98 3.02 0.00 N | 39.72 2.52 0.00 N |
| WARRENSBURG____ 23737 | 69.01 2.61 -19.37 N | 72.06 1.04 -47.64 N | 39.98 0.90 -18.15 N | 23.31 0.98 -0.47 N | 82.50 0.06 -80.93 N | 45.51 0.27 -39.36 N | 55.32 0.65 -41.61 N | 28.35 0.80 -11.78 N | 57.62 1.48 -29.05 N | 95.46 0.46 -87.21 N | 86.92 1.86 -56.29 N | 90.77 1.14 -71.64 N | 84.21 1.97 -49.59 N | 71.41 2.97 -18.47 N | 42.07 2.22 -2.50 N | 88.48 0.90 -73.11 N | 93.19 4.93 -14.28 N | 108.47 4.45 -40.19 N | 199.16 -0.94 -213.31 N | 127.36 2.26 -90.99 N | 93.49 5.50 -1.93 N | 66.15 3.32 -10.53 N | 43.33 2.36 0.00 N | 39.17 1.98 0.00 N |
| WATERSIDE___6 8 9 23538 | 66.33 4.34 -14.97 N | 62.32 2.12 -36.81 N | 36.81 1.87 -14.02 N | 24.15 1.93 -0.36 N | 64.10 0.14 -62.45 N | 36.79 0.53 -30.37 N | 46.40 1.23 -32.11 N | 26.39 1.53 -9.09 N | 52.12 2.61 -22.41 N | 75.82 0.73 -67.29 N | 75.01 2.80 -43.43 N | 75.02 1.75 -55.28 N | 74.11 3.18 -38.26 N | 69.18 4.95 -14.25 N | 97.90 3.52 -57.04 N | 102.93 1.32 -87.14 N | 98.43 5.90 -18.54 N | 99.84 5.00 -31.01 N | 150.23 -1.16 -164.60 N | 107.14 2.81 -70.21 N | 94.61 7.06 -1.49 N | 64.88 4.46 -8.12 N | 44.60 3.63 0.00 N | 40.26 3.06 0.00 N |

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