

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

Generator Data

06/22/2004

| Name | 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 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 51.75 | 40.26 | 29.77 | 25.54 | 25.75 | 26.32 | 44.50 | 64.65 | 44.14 | 63.65 | 69.21 | 66.34 | 74.83 | 78.66 | 67.30 | 75.78 | 75.68 | 65.20 | 56.72 | 56.97 | 55.50 | 56.63 | 54.63 | 50.92 |
| 24138 | 2.39 | 1.52 | 0.99 | 0.80 | 0.80 | 0.99 | 2.29 | 2.44 | 2.42 | 2.40 | 3.06 | 3.47 | 3.33 | 3.70 | 3.95 | 4.68 | 3.68 | 3.96 | 3.54 | 3.80 | 3.93 | 3.69 | 3.12 | 2.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -25.20 | -4.98 | -27.57 | -25.11 | -14.42 | -26.38 | -27.79 | -12.56 | -15.23 | -30.23 | -13.09 | -7.33 | -1.20 | -1.19 | -0.51 | -0.37 | -5.75 |
| | 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 | 51.75 | 40.26 | 29.77 | 25.54 | 25.75 | 26.32 | 44.50 | 64.65 | 44.14 | 63.65 | 69.21 | 66.34 | 74.83 | 78.66 | 67.30 | 75.78 | 75.68 | 65.20 | 56.72 | 56.97 | 55.50 | 56.63 | 54.63 | 50.92 |
| 24260 | 2.39 | 1.52 | 0.99 | 0.80 | 0.80 | 0.99 | 2.29 | 2.44 | 2.42 | 2.40 | 3.06 | 3.47 | 3.33 | 3.70 | 3.95 | 4.68 | 3.68 | 3.96 | 3.54 | 3.80 | 3.93 | 3.69 | 3.12 | 2.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -25.20 | -4.98 | -27.57 | -25.11 | -14.42 | -26.38 | -27.79 | -12.56 | -15.23 | -30.23 | -13.09 | -7.33 | -1.20 | -1.19 | -0.51 | -0.37 | -5.75 |
| | 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 | 51.75 | 40.26 | 29.77 | 25.54 | 25.75 | 26.32 | 44.50 | 64.65 | 44.14 | 63.65 | 69.21 | 66.34 | 74.83 | 78.66 | 67.30 | 75.78 | 75.68 | 65.20 | 56.72 | 56.97 | 55.50 | 56.63 | 54.63 | 50.92 |
| 24261 | 2.39 | 1.52 | 0.99 | 0.80 | 0.80 | 0.99 | 2.29 | 2.44 | 2.42 | 2.40 | 3.06 | 3.47 | 3.33 | 3.70 | 3.95 | 4.68 | 3.68 | 3.96 | 3.54 | 3.80 | 3.93 | 3.69 | 3.12 | 2.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -25.20 | -4.98 | -27.57 | -25.11 | -14.42 | -26.38 | -27.79 | -12.56 | -15.23 | -30.23 | -13.09 | -7.33 | -1.20 | -1.19 | -0.51 | -0.37 | -5.75 |
| | 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 | 56.10 | 44.47 | 32.68 | 27.97 | 28.51 | 28.75 | 47.55 | 41.72 | 41.55 | 37.86 | 45.58 | 54.37 | 50.59 | 51.92 | 55.69 | 60.75 | 44.92 | 52.41 | 50.25 | 57.75 | 56.15 | 58.51 | 57.29 | 48.09 |
| 24011 | 6.74 | 5.72 | 3.89 | 3.23 | 3.56 | 3.41 | 5.34 | 4.71 | 4.81 | 4.17 | 4.55 | 5.93 | 5.47 | 4.75 | 4.90 | 4.88 | 3.15 | 4.26 | 4.39 | 5.78 | 5.77 | 6.08 | 6.14 | 5.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK RESOURCE___RCVRY | 56.10 | 44.47 | 32.68 | 27.97 | 28.51 | 28.75 | 47.55 | 41.72 | 41.55 | 37.86 | 45.58 | 54.37 | 50.59 | 51.92 | 55.69 | 60.75 | 44.92 | 52.41 | 50.25 | 57.75 | 56.15 | 58.51 | 57.29 | 48.09 |
| 23798 | 6.74 | 5.72 | 3.89 | 3.23 | 3.56 | 3.41 | 5.34 | 4.71 | 4.81 | 4.17 | 4.55 | 5.93 | 5.47 | 4.75 | 4.90 | 4.88 | 3.15 | 4.26 | 4.39 | 5.78 | 5.77 | 6.08 | 6.14 | 5.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK S GLENS___FALLS | 56.10 | 44.47 | 32.68 | 27.97 | 28.51 | 28.75 | 47.55 | 41.72 | 41.55 | 37.86 | 45.58 | 54.37 | 50.59 | 51.92 | 55.69 | 60.75 | 44.92 | 52.41 | 50.25 | 57.75 | 56.15 | 58.51 | 57.29 | 48.09 |
| 24028 | 6.74 | 5.72 | 3.89 | 3.23 | 3.56 | 3.41 | 5.34 | 4.71 | 4.81 | 4.17 | 4.55 | 5.93 | 5.47 | 4.75 | 4.90 | 4.88 | 3.15 | 4.26 | 4.39 | 5.78 | 5.77 | 6.08 | 6.14 | 5.12 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ADK_NYS___DAM | 55.57 | 43.99 | 32.42 | 27.67 | 28.23 | 28.41 | 47.23 | 41.22 | 40.97 | 37.30 | 44.84 | 53.40 | 49.60 | 51.15 | 54.91 | 59.95 | 44.31 | 51.61 | 49.48 | 56.84 | 55.21 | 57.53 | 56.47 | 47.50 |
| 23527 | 6.21 | 5.25 | 3.63 | 2.93 | 3.28 | 3.07 | 5.01 | 4.20 | 4.23 | 3.62 | 3.80 | 4.95 | 4.48 | 3.97 | 4.12 | 4.08 | 2.54 | 3.46 | 3.62 | 4.88 | 4.82 | 5.10 | 5.33 | 4.53 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| AIR_PRODUCTS___DRP | 54.52 | 42.98 | 31.79 | 27.20 | 27.57 | 27.95 | 46.64 | 40.62 | 40.38 | 36.80 | 44.35 | 52.46 | 48.76 | 50.61 | 54.33 | 59.23 | 43.99 | 51.28 | 49.14 | 56.40 | 54.90 | 57.25 | 56.11 | 47.23 |
| 24190 | 5.16 | 4.24 | 3.00 | 2.46 | 2.63 | 2.62 | 4.43 | 3.60 | 3.64 | 3.12 | 3.32 | 4.02 | 3.63 | 3.44 | 3.55 | 3.36 | 2.23 | 3.13 | 3.28 | 4.43 | 4.52 | 4.82 | 4.97 | 4.26 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___1 | 54.59 | 43.04 | 31.82 | 27.25 | 27.63 | 27.99 | 46.69 | 40.66 | 40.42 | 36.84 | 44.39 | 52.51 | 48.80 | 50.64 | 54.37 | 59.27 | 44.02 | 51.31 | 49.17 | 56.43 | 54.96 | 57.31 | 56.17 | 47.28 |
| 23571 | 5.24 | 4.30 | 3.04 | 2.51 | 2.69 | 2.65 | 4.48 | 3.64 | 3.68 | 3.15 | 3.36 | 4.07 | 3.68 | 3.47 | 3.58 | 3.40 | 2.26 | 3.16 | 3.32 | 4.47 | 4.58 | 4.87 | 5.03 | 4.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| ALBANY___2 | 54.59 | 43.04 | 31.82 | 27.25 | 27.63 | 27.99 | 46.69 | 40.66 | 40.42 | 36.84 | 44.39 | 52.51 | 48.80 | 50.64 | 54.37 | 59.27 | 44.02 | 51.31 | 49.17 | 56.43 | 54.96 | 57.31 | 56.17 | 47.28 |
| 23572 | 5.24 | 4.30 | 3.04 | 2.51 | 2.69 | 2.65 | 4.48 | 3.64 | 3.68 | 3.15 | 3.36 | 4.07 | 3.68 | 3.47 | 3.58 | 3.40 | 2.26 | 3.16 | 3.32 | 4.47 | 4.58 | 4.87 | 5.03 | 4.31 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |

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|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| ALBANY___3 23573 | 54.59 5.24 0.00 N | 43.04 4.30 0.00 N | 31.82 3.04 0.00 N | 27.25 2.51 0.00 N | 27.63 2.69 0.00 N | 27.99 2.65 0.00 N | 46.69 4.48 0.00 N | 40.66 3.64 0.00 N | 40.42 3.68 0.00 N | 36.84 3.15 0.00 N | 44.39 3.36 0.00 N | 52.51 4.07 0.00 N | 48.80 3.68 0.00 N | 50.64 3.47 0.00 N | 54.37 3.58 0.00 N | 59.27 3.40 0.00 N | 44.02 2.26 0.00 N | 51.31 3.16 0.00 N | 49.17 3.32 0.00 N | 56.43 4.47 0.00 N | 54.96 4.58 0.00 N | 57.31 4.87 0.00 N | 56.17 5.03 0.00 N | 47.28 4.31 0.00 N |
| ALBANY___4 23574 | 54.59 5.24 0.00 N | 43.04 4.30 0.00 N | 31.82 3.04 0.00 N | 27.25 2.51 0.00 N | 27.63 2.69 0.00 N | 27.99 2.65 0.00 N | 46.69 4.48 0.00 N | 40.66 3.64 0.00 N | 40.42 3.68 0.00 N | 36.84 3.15 0.00 N | 44.39 3.36 0.00 N | 52.51 4.07 0.00 N | 48.80 3.68 0.00 N | 50.64 3.47 0.00 N | 54.37 3.58 0.00 N | 59.27 3.40 0.00 N | 44.02 2.26 0.00 N | 51.31 3.16 0.00 N | 49.17 3.32 0.00 N | 56.43 4.47 0.00 N | 54.96 4.58 0.00 N | 57.31 4.87 0.00 N | 56.17 5.03 0.00 N | 47.28 4.31 0.00 N |
| ALCOA_RYNLDS___DRP 24188 | 49.81 0.45 0.00 N | 39.17 0.43 0.00 N | 29.10 0.32 0.00 N | 25.00 0.26 0.00 N | 25.19 0.24 0.00 N | 25.58 0.24 0.00 N | 42.61 0.39 0.00 N | 36.99 -0.02 0.00 N | 36.77 0.04 0.00 N | 33.74 0.05 0.00 N | 41.06 0.03 0.00 N | 48.52 0.07 0.00 N | 45.16 0.03 0.00 N | 47.23 0.05 0.00 N | 50.80 0.02 0.00 N | 55.80 -0.07 0.00 N | 41.65 -0.11 0.00 N | 48.16 0.01 0.00 N | 46.06 0.21 0.00 N | 52.31 0.35 0.00 N | 50.58 0.20 0.00 N | 52.83 0.40 0.00 N | 51.64 0.50 0.00 N | 43.47 0.50 0.00 N |
| ALLEGHENY___COGEN 23514 | 49.90 0.54 0.00 N | 38.97 0.23 0.00 N | 29.19 0.41 0.00 N | 25.08 0.34 0.00 N | 25.29 0.34 0.00 N | 25.67 0.34 0.00 N | 42.76 0.54 0.00 N | 37.30 0.29 0.00 N | 37.06 0.32 0.00 N | 34.08 0.39 0.00 N | 40.95 -0.08 0.00 N | 48.23 -0.22 0.00 N | 44.86 -0.27 0.00 N | 46.96 -0.21 0.00 N | 50.76 -0.03 0.00 N | 56.01 0.14 0.00 N | 41.92 0.15 0.00 N | 48.48 0.33 0.00 N | 46.18 0.33 0.00 N | 52.39 0.42 0.00 N | 50.55 0.16 0.00 N | 52.95 0.52 0.00 N | 51.54 0.40 0.00 N | 43.35 0.38 0.00 N |
| AMERICAN_REF_FUEL 24010 | 45.04 -4.32 0.00 N | 35.17 -3.57 0.00 N | 26.56 -2.22 0.00 N | 22.98 -1.77 0.00 N | 23.03 -1.92 0.00 N | 23.20 -2.14 0.00 N | 38.08 -4.13 0.00 N | 33.39 -3.63 0.00 N | 32.90 -3.84 0.00 N | 30.39 -3.29 0.00 N | 37.28 -3.75 0.00 N | 44.00 -4.45 0.00 N | 40.95 -4.18 0.00 N | 42.88 -4.29 0.00 N | 46.31 -4.48 0.00 N | 51.07 -4.79 0.00 N | 38.32 -3.45 0.00 N | 43.79 -4.36 0.00 N | 41.51 -4.35 0.00 N | 46.31 -5.66 0.00 N | 44.51 -5.87 0.00 N | 46.78 -5.66 0.00 N | 45.96 -5.18 0.00 N | 38.93 -4.04 0.00 N |
| AMERICAN___BRASS 23903 | 45.04 -4.32 0.00 N | 35.17 -3.57 0.00 N | 26.56 -2.22 0.00 N | 22.98 -1.77 0.00 N | 23.03 -1.92 0.00 N | 23.20 -2.14 0.00 N | 38.08 -4.13 0.00 N | 33.39 -3.63 0.00 N | 32.90 -3.84 0.00 N | 30.39 -3.29 0.00 N | 37.28 -3.75 0.00 N | 44.00 -4.45 0.00 N | 40.95 -4.18 0.00 N | 42.88 -4.29 0.00 N | 46.31 -4.48 0.00 N | 51.07 -4.79 0.00 N | 38.32 -3.45 0.00 N | 43.79 -4.36 0.00 N | 41.51 -4.35 0.00 N | 46.31 -5.66 0.00 N | 44.51 -5.87 0.00 N | 46.78 -5.66 0.00 N | 45.96 -5.18 0.00 N | 38.93 -4.04 0.00 N |
| ARTHUR KILL_GT_1 23520 | 51.79 2.43 0.00 N | 40.29 1.55 0.00 N | 29.79 1.00 0.00 N | 25.56 0.81 0.00 N | 25.76 0.82 0.00 N | 26.34 1.01 0.00 N | 44.55 2.33 0.00 N | 64.74 2.53 -25.20 N | 44.20 2.48 -4.98 N | 63.69 2.44 -27.57 N | 69.28 3.14 -25.11 N | 66.42 3.56 -14.42 N | 74.91 3.41 -26.38 N | 78.74 4.03 -27.79 N | 67.38 4.03 -12.56 N | 75.87 4.77 -15.23 N | 75.71 3.71 -30.23 N | 65.24 3.99 -13.09 N | 56.74 3.56 -7.33 N | 56.99 3.82 -1.20 N | 55.50 3.93 -1.19 N | 56.64 3.70 -0.51 N | 54.64 3.13 -0.37 N | 50.94 2.22 -5.75 N |
| ARTHUR_KILL_2 23512 | 51.79 2.43 0.00 N | 40.29 1.55 0.00 N | 29.79 1.00 0.00 N | 25.56 0.81 0.00 N | 25.76 0.82 0.00 N | 26.34 1.01 0.00 N | 44.55 2.33 0.00 N | 64.74 2.53 -25.20 N | 44.20 2.48 -4.98 N | 63.69 2.44 -27.57 N | 69.28 3.14 -25.11 N | 66.42 3.56 -14.42 N | 74.91 3.41 -26.38 N | 78.74 4.03 -27.79 N | 67.38 4.03 -12.56 N | 75.87 4.77 -15.23 N | 75.71 3.71 -30.23 N | 65.24 3.99 -13.09 N | 56.74 3.56 -7.33 N | 56.99 3.82 -1.20 N | 55.50 3.93 -1.19 N | 56.64 3.70 -0.51 N | 54.64 3.13 -0.37 N | 50.94 2.22 -5.75 N |
| ARTHUR_KILL_3 23513 | 51.50 2.14 0.00 N | 40.07 1.32 0.00 N | 29.66 0.87 0.00 N | 25.47 0.73 0.00 N | 25.64 0.69 0.00 N | 26.20 0.86 0.00 N | 44.29 2.08 0.00 N | 64.47 2.26 -25.20 N | 43.95 2.23 -4.98 N | 63.47 2.22 -27.57 N | 69.02 2.88 -25.11 N | 66.10 3.24 -14.42 N | 74.62 3.12 -26.38 N | 78.44 3.48 -27.79 N | 67.05 3.70 -12.56 N | 75.52 4.42 -15.23 N | 75.43 3.43 -30.23 N | 64.91 3.66 -13.09 N | 56.43 3.25 -7.33 N | 56.64 3.47 -1.20 N | 55.17 3.59 -1.19 N | 56.28 3.34 -0.51 N | 54.30 2.79 -0.37 N | 50.65 1.94 -5.75 N |
| ASHOKAN____ 23654 | 51.14 1.78 0.00 N | 40.11 1.37 0.00 N | 29.75 0.97 0.00 N | 25.53 0.78 0.00 N | 25.77 0.83 0.00 N | 26.23 0.90 0.00 N | 43.76 1.55 0.00 N | 38.70 1.68 0.00 N | 38.40 1.66 0.00 N | 35.29 1.61 0.00 N | 43.02 1.99 0.00 N | 50.73 2.29 0.00 N | 47.30 2.17 0.00 N | 49.41 2.23 0.00 N | 53.26 2.47 0.00 N | 58.72 2.85 0.00 N | 44.00 2.24 0.00 N | 50.59 2.44 0.00 N | 48.10 2.24 0.00 N | 54.43 2.46 0.00 N | 52.97 2.59 0.00 N | 54.92 2.49 0.00 N | 53.40 2.26 0.00 N | 44.74 1.77 0.00 N |
| ASTORIA 5-9 ____ 23662 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.75 0.00 N | 26.12 1.38 0.00 N | 26.35 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.99 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.62 5.59 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.19 -66.74 N | 110.64 5.57 -56.92 N | 131.59 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.04 5.41 -74.20 N | 103.03 4.47 -47.42 N | 78.59 3.43 -32.19 N |
| ASTORIA GT2____ 23536 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA GT3____ 23731 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |

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|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| ASTORIA_GT4_23727 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT2_124094 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT2_224095 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT2_324096 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT2_424097 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT3_124098 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT3_224099 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT3_324100 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT3_424101 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT4_124102 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT4_224103 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT4_324104 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |
| ASTORIA_GT4_424105 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.74 0.00 N | 26.12 1.38 0.00 N | 26.34 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.98 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.61 5.58 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.18 -66.74 N | 110.64 5.57 -56.92 N | 131.58 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.00 5.37 -74.20 N | 102.95 4.39 -47.42 N | 78.58 3.42 -32.19 N |

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|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| ASTORIA_GT_1 23523 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ASTORIA_GT_10 24110 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ASTORIA_GT_11 24225 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ASTORIA_GT_12 24226 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ASTORIA_GT_13 24227 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ASTORIA_GT_5 24106 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.75 0.00 N | 26.12 1.38 0.00 N | 26.35 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.99 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.62 5.59 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.19 -66.74 N | 110.64 5.57 -56.92 N | 131.59 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.04 5.41 -74.20 N | 103.03 4.47 -47.42 N | 78.59 3.43 -32.19 N |
| ASTORIA_GT_7 24107 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.75 0.00 N | 26.12 1.38 0.00 N | 26.35 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.99 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.62 5.59 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.19 -66.74 N | 110.64 5.57 -56.92 N | 131.59 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.04 5.41 -74.20 N | 103.03 4.47 -47.42 N | 78.59 3.43 -32.19 N |
| ASTORIA_GT_8 24108 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.75 0.00 N | 26.12 1.38 0.00 N | 26.35 1.40 0.00 N | 26.98 1.65 0.00 N | 67.32 3.63 -21.48 N | 81.75 3.46 -41.28 N | 82.98 3.44 -42.80 N | 128.58 3.26 -91.63 N | 128.59 4.41 -83.15 N | 109.93 5.11 -56.38 N | 86.99 4.89 -36.97 N | 124.66 5.34 -72.16 N | 121.62 5.59 -65.24 N | 90.06 6.64 -27.55 N | 113.69 5.19 -66.74 N | 110.64 5.57 -56.92 N | 131.59 4.95 -80.77 N | 109.80 5.37 -52.46 N | 136.01 5.42 -80.21 N | 132.04 5.41 -74.20 N | 103.03 4.47 -47.42 N | 78.59 3.43 -32.19 N |
| ASTORIA_GT_9 24109 | 53.16 3.80 0.00 N | 41.28 2.54 0.00 N | 30.53 1.75 0.00 N | 26.12 1.38 0.00 N | 26.35 1.40 0.00 N | 26.98 1.65 0.00 N | 45.84 3.63 0.00 N | 40.47 3.46 0.00 N | 40.18 3.44 0.00 N | 36.94 3.26 0.00 N | 45.44 4.41 0.00 N | 53.55 5.11 0.00 N | 50.02 4.89 0.00 N | 52.51 5.34 0.00 N | 56.37 5.59 0.00 N | 62.51 6.64 0.00 N | 46.95 5.19 0.00 N | 53.72 5.57 0.00 N | 50.81 4.95 0.00 N | 57.34 5.37 0.00 N | 55.80 5.42 0.00 N | 57.84 5.41 0.00 N | 55.61 4.47 0.00 N | 46.40 3.43 0.00 N |
| ASTORIA___2 24149 | 53.39 4.03 0.00 N | 41.45 2.71 0.00 N | 30.63 1.84 0.00 N | 26.27 1.53 0.00 N | 26.46 1.52 0.00 N | 27.09 1.76 0.00 N | 67.53 3.84 -21.48 N | 81.92 3.63 -41.28 N | 83.19 3.65 -42.80 N | 128.77 3.45 -91.63 N | 128.84 4.66 -83.15 N | 110.25 5.43 -56.38 N | 87.28 5.19 -36.97 N | 124.97 5.64 -72.16 N | 121.95 5.92 -65.24 N | 90.43 7.01 -27.55 N | 113.97 5.46 -66.74 N | 110.95 5.88 -56.92 N | 131.88 5.24 -80.77 N | 110.12 5.69 -52.46 N | 136.31 5.72 -80.21 N | 132.36 5.73 -74.20 N | 103.31 4.75 -47.42 N | 78.82 3.65 -32.19 N |
| ASTORIA___3 23516 | 52.14 2.78 0.00 N | 40.56 1.82 0.00 N | 30.00 1.22 0.00 N | 25.75 1.01 0.00 N | 25.93 0.99 0.00 N | 26.51 1.17 0.00 N | 53.88 2.63 -9.04 N | 80.57 2.60 -40.95 N | 74.92 2.51 -35.67 N | 77.77 2.43 -41.66 N | 78.00 3.14 -33.83 N | 77.25 3.58 -25.22 N | 76.54 3.44 -27.97 N | 78.70 3.74 -27.79 N | 67.28 3.94 -12.56 N | 75.87 4.77 -15.23 N | 76.11 3.81 -30.54 N | 76.06 4.10 -23.81 N | 62.52 3.65 -13.01 N | 74.44 3.96 -18.51 N | 75.67 4.08 -21.20 N | 76.97 3.89 -20.66 N | 75.91 3.26 -21.51 N | 77.57 2.40 -32.20 N |
| ASTORIA___4 23517 | 52.86 3.50 0.00 N | 41.05 2.31 0.00 N | 30.34 1.56 0.00 N | 26.03 1.29 0.00 N | 26.22 1.28 0.00 N | 26.84 1.50 0.00 N | 67.05 3.35 -21.48 N | 81.46 3.17 -41.28 N | 82.65 3.11 -42.80 N | 128.24 2.92 -91.63 N | 128.13 3.95 -83.15 N | 109.38 4.56 -56.38 N | 86.52 4.42 -36.97 N | 124.17 4.85 -72.16 N | 121.08 5.05 -65.24 N | 89.44 6.02 -27.55 N | 113.21 4.71 -66.74 N | 110.10 5.03 -56.92 N | 131.09 4.45 -80.77 N | 109.24 4.81 -52.46 N | 135.47 4.87 -80.21 N | 131.47 4.83 -74.20 N | 102.51 3.95 -47.42 N | 78.20 3.03 -32.19 N |
| ASTORIA___5 23518 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.25 0.00 N | 25.77 1.03 0.00 N | 25.95 1.01 0.00 N | 26.52 1.18 0.00 N | 53.85 2.60 -9.04 N | 80.55 2.58 -40.95 N | 74.87 2.46 -35.67 N | 77.74 2.39 -41.66 N | 77.93 3.07 -33.83 N | 77.14 3.47 -25.22 N | 76.44 3.34 -27.97 N | 78.62 3.65 -27.79 N | 67.18 3.83 -12.56 N | 75.72 4.62 -15.23 N | 75.97 3.67 -30.54 N | 75.91 3.95 -23.81 N | 62.40 3.52 -13.01 N | 74.34 3.86 -18.51 N | 75.61 4.03 -21.20 N | 76.93 3.84 -20.66 N | 75.84 3.19 -21.51 N | 77.47 2.29 -32.20 N |

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|-------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| ASTRIA 10-13____ 23663 | 52.20 2.84 0.00 N | 40.60 1.86 0.00 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.95 1.01 0.00 N | 26.54 1.20 0.00 N | 53.94 2.69 -9.04 N | 80.65 2.68 -40.95 N | 75.01 2.60 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.27 -33.83 N | 77.39 3.73 -25.22 N | 76.67 3.58 -27.97 N | 78.87 3.91 -27.79 N | 67.45 4.10 -12.56 N | 76.01 4.92 -15.23 N | 76.19 3.89 -30.54 N | 76.13 4.17 -23.81 N | 62.59 3.72 -13.01 N | 74.53 4.04 -18.51 N | 75.75 4.16 -21.20 N | 77.07 3.99 -20.66 N | 75.99 3.35 -21.51 N | 77.61 2.44 -32.20 N |
| ATHENS_STG_1 23668 | 54.30 4.95 0.00 N | 42.76 4.02 0.00 N | 31.59 2.81 0.00 N | 27.04 2.30 0.00 N | 27.41 2.46 0.00 N | 27.78 2.44 0.00 N | 46.37 4.15 0.00 N | 40.31 3.30 0.00 N | 40.07 3.33 0.00 N | 36.51 2.83 0.00 N | 44.06 3.03 0.00 N | 51.96 3.52 0.00 N | 48.28 3.15 0.00 N | 50.16 2.99 0.00 N | 53.86 3.07 0.00 N | 58.68 2.81 0.00 N | 43.68 1.91 0.00 N | 50.80 2.65 0.00 N | 48.63 2.77 0.00 N | 55.75 3.78 0.00 N | 54.49 4.11 0.00 N | 56.73 4.30 0.00 N | 55.71 4.57 0.00 N | 47.02 4.05 0.00 N |
| ATHENS_STG_2 23670 | 54.30 4.95 0.00 N | 42.76 4.02 0.00 N | 31.59 2.81 0.00 N | 27.04 2.30 0.00 N | 27.41 2.46 0.00 N | 27.78 2.44 0.00 N | 46.37 4.15 0.00 N | 40.31 3.30 0.00 N | 40.07 3.33 0.00 N | 36.51 2.83 0.00 N | 44.06 3.02 0.00 N | 51.96 3.52 0.00 N | 48.27 3.15 0.00 N | 50.16 2.99 0.00 N | 53.86 3.07 0.00 N | 58.68 2.81 0.00 N | 43.68 1.91 0.00 N | 50.80 2.65 0.00 N | 48.63 2.77 0.00 N | 55.75 3.78 0.00 N | 54.49 4.10 0.00 N | 56.73 4.30 0.00 N | 55.71 4.57 0.00 N | 47.02 4.05 0.00 N |
| ATHENS_STG_3 23677 | 54.30 4.95 0.00 N | 42.76 4.02 0.00 N | 31.59 2.81 0.00 N | 27.04 2.30 0.00 N | 27.41 2.46 0.00 N | 27.78 2.44 0.00 N | 46.37 4.15 0.00 N | 40.31 3.30 0.00 N | 40.07 3.33 0.00 N | 36.51 2.83 0.00 N | 44.06 3.02 0.00 N | 51.96 3.52 0.00 N | 48.27 3.15 0.00 N | 50.16 2.99 0.00 N | 53.86 3.07 0.00 N | 58.68 2.81 0.00 N | 43.68 1.91 0.00 N | 50.80 2.65 0.00 N | 48.63 2.77 0.00 N | 55.75 3.78 0.00 N | 54.49 4.10 0.00 N | 56.73 4.30 0.00 N | 55.71 4.57 0.00 N | 47.02 4.05 0.00 N |
| BARRETT 1-8____GRP4 24034 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT 9-12____GRP3 24033 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_1 23704 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_10 23701 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_11 23702 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_12 23703 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_2 23705 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_3 23706 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_4 23707 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |

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| BARRETT_IC_5 23708 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_6 23709 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_7 23710 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_8 23711 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT_IC_9 23700 | 54.97 2.94 -2.68 N | 41.44 2.00 -0.69 N | 30.08 1.29 0.00 N | 25.79 1.05 0.00 N | 26.00 1.05 0.00 N | 26.61 1.27 0.00 N | 49.24 2.73 -4.29 N | 56.25 2.84 -16.39 N | 57.98 2.76 -18.48 N | 60.32 2.66 -23.97 N | 59.98 3.47 -15.47 N | 96.25 4.02 -43.79 N | 76.39 3.84 -27.43 N | 77.58 4.19 -26.22 N | 80.28 4.63 -24.87 N | 81.80 5.23 -20.70 N | 61.33 4.17 -15.39 N | 59.47 4.54 -6.78 N | 60.62 4.07 -10.69 N | 59.34 4.27 -3.10 N | 68.67 4.42 -13.86 N | 65.26 4.05 -8.78 N | 60.30 3.55 -5.61 N | 57.52 2.58 -11.97 N |
| BARRETT___1 23545 | 54.84 2.80 -2.68 N | 41.35 1.91 -0.69 N | 30.03 1.24 0.00 N | 25.76 1.02 0.00 N | 25.95 1.00 0.00 N | 26.55 1.21 0.00 N | 49.12 2.61 -4.29 N | 56.09 2.69 -16.39 N | 57.85 2.63 -18.48 N | 60.22 2.56 -23.97 N | 59.88 3.37 -15.47 N | 96.10 3.87 -43.79 N | 76.24 3.69 -27.43 N | 77.46 4.07 -26.22 N | 80.15 4.49 -24.87 N | 81.55 4.98 -20.70 N | 61.18 4.03 -15.39 N | 59.34 4.41 -6.78 N | 60.49 3.95 -10.69 N | 59.17 4.10 -3.10 N | 68.53 4.29 -13.86 N | 65.14 3.93 -8.78 N | 60.19 3.43 -5.61 N | 57.42 2.47 -11.97 N |
| BARRETT___2 23546 | 54.87 2.83 -2.68 N | 41.37 1.93 -0.69 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.96 1.01 0.00 N | 26.56 1.22 0.00 N | 49.15 2.64 -4.29 N | 56.15 2.74 -16.39 N | 57.89 2.67 -18.48 N | 60.24 2.59 -23.97 N | 59.89 3.38 -15.47 N | 96.12 3.88 -43.79 N | 76.28 3.73 -27.43 N | 77.47 4.08 -26.22 N | 80.15 4.49 -24.87 N | 81.63 5.07 -20.70 N | 61.23 4.07 -15.39 N | 59.37 4.43 -6.78 N | 60.52 3.97 -10.69 N | 59.23 4.16 -3.10 N | 68.55 4.31 -13.86 N | 65.15 3.94 -8.78 N | 60.20 3.44 -5.61 N | 57.44 2.50 -11.97 N |
| BEAVER RIVER___HYD 24048 | 52.11 2.75 0.00 N | 40.85 2.11 0.00 N | 30.29 1.50 0.00 N | 26.01 1.27 0.00 N | 26.23 1.28 0.00 N | 26.74 1.40 0.00 N | 44.74 2.52 0.00 N | 38.55 1.54 0.00 N | 38.28 1.54 0.00 N | 34.98 1.29 0.00 N | 42.34 1.30 0.00 N | 50.06 1.61 0.00 N | 46.56 1.43 0.00 N | 48.72 1.55 0.00 N | 52.27 1.48 0.00 N | 57.09 1.22 0.00 N | 42.36 0.60 0.00 N | 49.40 1.25 0.00 N | 47.54 1.68 0.00 N | 54.31 2.34 0.00 N | 52.41 2.03 0.00 N | 54.96 2.53 0.00 N | 53.50 2.36 0.00 N | 45.20 2.23 0.00 N |
| BEEBEE_GT_13 23619 | 50.85 1.50 0.00 N | 39.81 1.07 0.00 N | 29.66 0.88 0.00 N | 25.43 0.69 0.00 N | 25.69 0.75 0.00 N | 26.08 0.74 0.00 N | 43.64 1.42 0.00 N | 38.20 1.18 0.00 N | 38.27 1.53 0.00 N | 35.01 1.33 0.00 N | 42.65 1.62 0.00 N | 50.49 2.05 0.00 N | 46.99 1.87 0.00 N | 49.00 1.83 0.00 N | 52.67 1.88 0.00 N | 57.35 1.48 0.00 N | 42.51 0.74 0.00 N | 49.22 1.07 0.00 N | 46.81 0.96 0.00 N | 53.04 1.07 0.00 N | 51.13 0.75 0.00 N | 53.97 1.54 0.00 N | 52.75 1.61 0.00 N | 44.34 1.37 0.00 N |
| BETHLEHEM___STEEL 23779 | 44.95 -4.41 0.00 N | 35.12 -3.62 0.00 N | 26.46 -2.32 0.00 N | 22.84 -1.91 0.00 N | 22.93 -2.02 0.00 N | 23.21 -2.13 0.00 N | 38.25 -3.96 0.00 N | 33.62 -3.39 0.00 N | 33.16 -3.58 0.00 N | 30.67 -3.02 0.00 N | 37.65 -3.39 0.00 N | 44.43 -4.01 0.00 N | 41.39 -3.74 0.00 N | 43.43 -3.74 0.00 N | 46.90 -3.89 0.00 N | 51.82 -4.04 0.00 N | 38.92 -2.85 0.00 N | 44.44 -3.71 0.00 N | 42.12 -3.74 0.00 N | 47.01 -4.96 0.00 N | 45.20 -5.18 0.00 N | 47.38 -5.05 0.00 N | 46.37 -4.77 0.00 N | 39.17 -3.81 0.00 N |
| BINGHAMTON___COGEN 23790 | 48.42 -0.94 0.00 N | 37.88 -0.86 0.00 N | 28.18 -0.61 0.00 N | 24.27 -0.47 0.00 N | 24.41 -0.54 0.00 N | 24.89 -0.45 0.00 N | 41.59 -0.62 0.00 N | 36.65 -0.37 0.00 N | 36.42 -0.32 0.00 N | 33.55 -0.13 0.00 N | 41.07 0.04 0.00 N | 48.36 -0.08 0.00 N | 45.12 -0.01 0.00 N | 47.39 0.21 0.00 N | 51.05 0.26 0.00 N | 56.38 0.51 0.00 N | 42.31 0.55 0.00 N | 48.62 0.46 0.00 N | 46.12 0.27 0.00 N | 52.06 0.09 0.00 N | 50.44 0.05 0.00 N | 52.24 -0.19 0.00 N | 50.63 -0.52 0.00 N | 42.28 -0.69 0.00 N |
| BLACK RIVER___HYD 24047 | 52.05 2.69 0.00 N | 40.77 2.03 0.00 N | 30.24 1.46 0.00 N | 25.97 1.23 0.00 N | 26.18 1.24 0.00 N | 26.70 1.36 0.00 N | 44.72 2.51 0.00 N | 38.55 1.53 0.00 N | 38.29 1.55 0.00 N | 34.97 1.29 0.00 N | 42.26 1.23 0.00 N | 49.99 1.55 0.00 N | 46.50 1.37 0.00 N | 48.74 1.56 0.00 N | 52.29 1.50 0.00 N | 56.98 1.12 0.00 N | 42.19 0.42 0.00 N | 49.30 1.15 0.00 N | 47.42 1.56 0.00 N | 54.13 2.16 0.00 N | 52.18 1.80 0.00 N | 54.78 2.35 0.00 N | 53.25 2.11 0.00 N | 45.03 2.06 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 53.56 4.20 0.00 N | 42.16 3.42 0.00 N | 31.19 2.40 0.00 N | 26.71 1.97 0.00 N | 27.05 2.11 0.00 N | 27.44 2.10 0.00 N | 45.67 3.46 0.00 N | 39.77 2.75 0.00 N | 39.55 2.81 0.00 N | 36.06 2.37 0.00 N | 43.52 2.49 0.00 N | 51.40 2.96 0.00 N | 47.78 2.65 0.00 N | 49.69 2.51 0.00 N | 53.35 2.56 0.00 N | 58.16 2.29 0.00 N | 43.25 1.48 0.00 N | 50.37 2.22 0.00 N | 48.25 2.39 0.00 N | 55.32 3.35 0.00 N | 53.88 3.49 0.00 N | 56.15 3.72 0.00 N | 55.01 3.87 0.00 N | 46.34 3.37 0.00 N |

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|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| BOC_GAS_DRP 24189 | 53.69 4.33 0.00 N | 42.31 3.57 0.00 N | 31.29 2.50 0.00 N | 26.78 2.04 0.00 N | 27.17 2.22 0.00 N | 27.55 2.22 0.00 N | 45.93 3.72 0.00 N | 39.92 2.91 0.00 N | 39.72 2.98 0.00 N | 36.20 2.51 0.00 N | 43.66 2.62 0.00 N | 51.59 3.15 0.00 N | 47.95 2.82 0.00 N | 49.82 2.65 0.00 N | 53.49 2.70 0.00 N | 58.30 2.43 0.00 N | 43.32 1.56 0.00 N | 50.47 2.32 0.00 N | 48.35 2.49 0.00 N | 55.46 3.49 0.00 N | 54.00 3.62 0.00 N | 56.33 3.90 0.00 N | 55.25 4.11 0.00 N | 46.56 3.59 0.00 N |
| BOWLINE___1 23526 | 50.19 0.83 0.00 N | 39.14 0.40 0.00 N | 29.05 0.26 0.00 N | 24.96 0.22 0.00 N | 25.12 0.18 0.00 N | 25.66 0.33 0.00 N | 43.06 0.85 0.00 N | 38.23 1.21 0.00 N | 38.01 1.27 0.00 N | 35.07 1.38 0.00 N | 42.91 1.88 0.00 N | 50.51 2.07 0.00 N | 47.13 2.00 0.00 N | 49.43 2.26 0.00 N | 53.30 2.51 0.00 N | 58.86 2.99 0.00 N | 44.34 2.58 0.00 N | 50.86 2.71 0.00 N | 48.27 2.41 0.00 N | 54.37 2.40 0.00 N | 52.83 2.44 0.00 N | 54.49 2.06 0.00 N | 52.63 1.49 0.00 N | 43.90 0.93 0.00 N |
| BOWLINE___2 23595 | 49.99 0.63 0.00 N | 38.93 0.19 0.00 N | 28.98 0.19 0.00 N | 24.91 0.17 0.00 N | 25.06 0.12 0.00 N | 25.59 0.26 0.00 N | 42.90 0.69 0.00 N | 38.09 1.07 0.00 N | 37.87 1.13 0.00 N | 34.97 1.28 0.00 N | 42.76 1.73 0.00 N | 50.24 1.79 0.00 N | 46.85 1.73 0.00 N | 49.13 1.96 0.00 N | 52.93 2.14 0.00 N | 58.34 2.47 0.00 N | 44.07 2.30 0.00 N | 50.56 2.41 0.00 N | 48.00 2.14 0.00 N | 53.98 2.01 0.00 N | 52.48 2.09 0.00 N | 54.07 1.64 0.00 N | 52.31 1.17 0.00 N | 43.69 0.72 0.00 N |
| BROOKHAVEN___DRP 24191 | 55.45 3.41 -2.68 N | 41.78 2.35 -0.69 N | 30.27 1.48 0.00 N | 25.97 1.23 0.00 N | 26.16 1.22 0.00 N | 26.79 1.45 0.00 N | 49.62 3.11 -4.29 N | 56.39 2.99 -16.39 N | 57.94 2.72 -18.48 N | 60.28 2.63 -23.97 N | 59.81 3.31 -15.47 N | 96.11 3.87 -43.79 N | 76.25 3.70 -27.43 N | 77.18 3.79 -26.22 N | 80.05 4.39 -24.87 N | 81.61 5.04 -20.70 N | 61.03 3.87 -15.39 N | 59.03 4.09 -6.78 N | 59.19 3.63 -9.71 N | 58.83 3.76 -3.10 N | 61.19 3.98 -6.82 N | 64.27 3.81 -8.03 N | 60.34 3.58 -5.61 N | 57.66 2.72 -11.97 N |
| BROOKLYN_NAVY_YARD 23515 | 51.40 2.04 0.00 N | 40.00 1.26 0.00 N | 29.56 0.77 0.00 N | 25.35 0.61 0.00 N | 25.57 0.62 0.00 N | 26.15 0.82 0.00 N | 44.20 1.99 0.00 N | 64.42 2.21 -25.20 N | 43.88 2.16 -4.98 N | 63.43 2.18 -27.57 N | 68.86 2.71 -25.11 N | 65.92 3.05 -14.42 N | 74.42 2.92 -26.38 N | 78.25 3.29 -27.79 N | 66.87 3.52 -12.56 N | 75.25 4.15 -15.23 N | 75.28 3.28 -30.23 N | 64.74 3.49 -13.09 N | 56.29 3.11 -7.33 N | 56.49 3.32 -1.20 N | 55.04 3.47 -1.19 N | 56.14 3.21 -0.51 N | 54.25 2.74 -0.37 N | 50.59 1.88 -5.75 N |
| BURROWS___LYONSDAL 23803 | 51.18 1.82 0.00 N | 40.13 1.39 0.00 N | 29.76 0.97 0.00 N | 25.56 0.82 0.00 N | 25.80 0.85 0.00 N | 26.27 0.93 0.00 N | 43.89 1.67 0.00 N | 38.21 1.20 0.00 N | 37.94 1.20 0.00 N | 34.71 1.03 0.00 N | 42.14 1.11 0.00 N | 49.79 1.34 0.00 N | 46.36 1.24 0.00 N | 48.48 1.31 0.00 N | 52.07 1.29 0.00 N | 57.02 1.15 0.00 N | 42.45 0.69 0.00 N | 49.25 1.09 0.00 N | 47.11 1.25 0.00 N | 53.65 1.68 0.00 N | 51.92 1.54 0.00 N | 54.21 1.78 0.00 N | 52.76 1.62 0.00 N | 44.42 1.45 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 54.99 2.95 -2.68 N | 41.45 2.02 -0.69 N | 30.07 1.29 0.00 N | 25.80 1.06 0.00 N | 26.01 1.06 0.00 N | 26.61 1.28 0.00 N | 49.26 2.75 -4.29 N | 56.23 2.82 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.57 -23.97 N | 59.78 3.27 -15.47 N | 96.06 3.83 -43.79 N | 76.18 3.63 -27.43 N | 77.32 3.93 -26.22 N | 80.08 4.43 -24.87 N | 81.68 5.11 -20.70 N | 61.14 3.98 -15.39 N | 59.19 4.25 -6.78 N | 59.48 3.82 -9.80 N | 59.08 4.01 -3.10 N | 62.05 4.14 -7.53 N | 64.39 3.85 -8.10 N | 60.25 3.50 -5.61 N | 57.55 2.66 -11.97 N |
| CALSPAN___DRP 24200 | 44.95 -4.41 0.00 N | 35.12 -3.62 0.00 N | 26.46 -2.32 0.00 N | 22.84 -1.91 0.00 N | 22.93 -2.02 0.00 N | 23.21 -2.13 0.00 N | 38.25 -3.96 0.00 N | 33.62 -3.39 0.00 N | 33.16 -3.58 0.00 N | 30.67 -3.02 0.00 N | 37.65 -4.01 0.00 N | 44.43 -3.74 0.00 N | 41.39 -3.74 0.00 N | 43.43 -3.74 0.00 N | 46.90 -3.89 0.00 N | 51.82 -4.04 0.00 N | 38.92 -2.85 0.00 N | 44.44 -3.71 0.00 N | 42.12 -3.74 0.00 N | 47.01 -4.96 0.00 N | 45.20 -5.18 0.00 N | 47.38 -5.05 0.00 N | 46.37 -4.77 0.00 N | 39.17 -3.81 0.00 N |
| CARR STREET_E_SYR 24060 | 48.50 -0.86 0.00 N | 38.00 -0.74 0.00 N | 28.28 -0.51 0.00 N | 24.31 -0.43 0.00 N | 24.52 -0.42 0.00 N | 24.93 -0.40 0.00 N | 41.54 -0.68 0.00 N | 36.38 -0.63 0.00 N | 36.12 -0.62 0.00 N | 33.10 -0.59 0.00 N | 40.33 -0.71 0.00 N | 47.59 -0.86 0.00 N | 44.34 -0.79 0.00 N | 46.41 -0.76 0.00 N | 49.95 -0.84 0.00 N | 54.88 -0.98 0.00 N | 41.01 -0.76 0.00 N | 47.31 -0.84 0.00 N | 45.04 -0.82 0.00 N | 51.02 -0.95 0.00 N | 49.36 -1.02 0.00 N | 51.48 -0.95 0.00 N | 50.15 -0.99 0.00 N | 42.20 -0.77 0.00 N |
| CARTHAGE___PAPER 23857 | 52.05 2.69 0.00 N | 40.77 2.03 0.00 N | 30.24 1.46 0.00 N | 25.97 1.23 0.00 N | 26.18 1.24 0.00 N | 26.70 1.36 0.00 N | 44.72 2.51 0.00 N | 38.55 1.53 0.00 N | 38.29 1.55 0.00 N | 34.97 1.29 0.00 N | 42.26 1.23 0.00 N | 49.99 1.55 0.00 N | 46.50 1.37 0.00 N | 48.74 1.56 0.00 N | 52.29 1.50 0.00 N | 56.98 1.12 0.00 N | 42.19 0.42 0.00 N | 49.30 1.15 0.00 N | 47.42 1.56 0.00 N | 54.13 2.16 0.00 N | 52.18 1.80 0.00 N | 54.78 2.35 0.00 N | 53.25 2.11 0.00 N | 45.03 2.06 0.00 N |
| CE_DUNWOOD___DRP 24194 | 51.18 1.82 0.00 N | 39.89 1.15 0.00 N | 29.50 0.72 0.00 N | 25.31 0.57 0.00 N | 25.53 0.59 0.00 N | 26.09 0.75 0.00 N | 43.97 1.76 0.00 N | 38.96 1.95 0.00 N | 38.67 1.93 0.00 N | 35.62 1.93 0.00 N | 43.54 2.51 0.00 N | 51.29 2.85 0.00 N | 47.86 2.74 0.00 N | 50.21 3.04 0.00 N | 54.07 3.28 0.00 N | 59.77 3.90 0.00 N | 44.86 3.10 0.00 N | 51.46 3.31 0.00 N | 48.81 2.96 0.00 N | 55.11 3.14 0.00 N | 53.61 3.23 0.00 N | 55.38 2.95 0.00 N | 53.58 2.44 0.00 N | 44.67 1.70 0.00 N |
| CE_MILLWOOD___DRP 24193 | 50.91 1.55 0.00 N | 39.70 0.96 0.00 N | 29.39 0.61 0.00 N | 25.24 0.50 0.00 N | 25.43 0.49 0.00 N | 25.97 0.63 0.00 N | 43.72 1.51 0.00 N | 38.76 1.74 0.00 N | 38.43 1.69 0.00 N | 35.39 1.71 0.00 N | 43.26 2.23 0.00 N | 50.97 2.53 0.00 N | 47.56 2.44 0.00 N | 49.89 2.72 0.00 N | 53.72 2.94 0.00 N | 59.38 3.51 0.00 N | 44.57 2.81 0.00 N | 51.13 2.98 0.00 N | 48.51 2.65 0.00 N | 54.77 2.80 0.00 N | 53.27 2.89 0.00 N | 55.02 2.59 0.00 N | 53.25 2.11 0.00 N | 44.41 1.44 0.00 N |
| CE_NYC2_DRP 24202 | 52.14 2.78 0.00 N | 40.55 1.81 0.00 N | 30.00 1.22 0.00 N | 25.75 1.01 0.00 N | 25.93 0.99 0.00 N | 26.51 1.18 0.00 N | 53.89 2.64 -9.04 N | 80.62 2.66 -40.95 N | 74.98 2.57 -35.67 N | 77.84 2.49 -41.66 N | 78.09 3.23 -33.83 N | 77.34 3.68 -25.22 N | 76.63 3.53 -27.97 N | 78.82 3.86 -27.79 N | 67.40 4.05 -12.56 N | 75.95 4.85 -15.23 N | 76.14 3.83 -30.54 N | 76.07 4.11 -23.81 N | 62.54 3.66 -13.01 N | 74.47 3.99 -18.51 N | 75.69 4.10 -21.20 N | 77.00 3.92 -20.66 N | 75.94 3.29 -21.51 N | 77.57 2.39 -32.20 N |

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| CE_NYC_DRP 24195 | 51.73 2.37 0.00 N | 40.25 1.51 0.00 N | 29.76 0.98 0.00 N | 25.54 0.80 0.00 N | 25.74 0.80 0.00 N | 26.32 0.98 0.00 N | 44.49 2.27 0.00 N | 64.64 2.43 -25.20 N | 44.13 2.40 -4.98 N | 63.64 2.38 -27.57 N | 69.19 3.04 -25.11 N | 66.32 3.45 -14.42 N | 74.81 3.31 -26.38 N | 78.64 3.67 -27.79 N | 67.28 3.93 -12.56 N | 75.75 4.65 -15.23 N | 75.66 3.66 -30.23 N | 65.19 3.94 -13.09 N | 56.70 3.52 -7.33 N | 56.96 3.79 -1.20 N | 55.49 3.92 -1.19 N | 56.61 3.68 -0.51 N | 54.61 3.10 -0.37 N | 50.91 2.19 -5.75 N |
| CH_MIDHUDSON___DRP 24192 | 50.57 1.21 0.00 N | 39.63 0.89 0.00 N | 29.33 0.54 0.00 N | 25.13 0.38 0.00 N | 25.41 0.46 0.00 N | 25.87 0.54 0.00 N | 43.29 1.08 0.00 N | 38.28 1.27 0.00 N | 37.89 1.15 0.00 N | 34.80 1.11 0.00 N | 42.46 1.43 0.00 N | 50.12 1.68 0.00 N | 46.72 1.59 0.00 N | 48.86 1.69 0.00 N | 52.63 1.84 0.00 N | 58.06 2.19 0.00 N | 43.52 1.76 0.00 N | 50.00 1.85 0.00 N | 47.52 1.66 0.00 N | 53.80 1.83 0.00 N | 52.36 1.97 0.00 N | 54.13 1.70 0.00 N | 52.66 1.52 0.00 N | 44.04 1.07 0.00 N |
| CH_MISC_IPPS 23765 | 50.55 1.19 0.00 N | 39.55 0.81 0.00 N | 29.27 0.49 0.00 N | 25.09 0.35 0.00 N | 25.36 0.41 0.00 N | 25.84 0.51 0.00 N | 43.34 1.12 0.00 N | 38.36 1.35 0.00 N | 37.99 1.25 0.00 N | 34.92 1.23 0.00 N | 42.65 1.62 0.00 N | 50.32 1.88 0.00 N | 46.91 1.79 0.00 N | 49.09 1.92 0.00 N | 52.88 2.09 0.00 N | 58.33 2.46 0.00 N | 43.77 2.00 0.00 N | 50.27 2.12 0.00 N | 47.76 1.91 0.00 N | 54.09 2.12 0.00 N | 52.68 2.29 0.00 N | 54.44 2.01 0.00 N | 52.84 1.70 0.00 N | 44.13 1.16 0.00 N |
| CH_RES_BVR_FALLS 23983 | 49.46 0.10 0.00 N | 38.85 0.10 0.00 N | 28.85 0.06 0.00 N | 24.78 0.04 0.00 N | 25.00 0.05 0.00 N | 25.39 0.06 0.00 N | 42.30 0.08 0.00 N | 37.03 0.01 0.00 N | 36.77 0.03 0.00 N | 33.72 0.03 0.00 N | 41.07 0.04 0.00 N | 48.50 0.06 0.00 N | 45.17 0.04 0.00 N | 47.21 0.04 0.00 N | 50.83 0.04 0.00 N | 55.90 0.04 0.00 N | 41.78 0.01 0.00 N | 48.19 0.04 0.00 N | 45.92 0.07 0.00 N | 52.06 0.09 0.00 N | 50.45 0.07 0.00 N | 52.53 0.10 0.00 N | 51.27 0.13 0.00 N | 43.08 0.11 0.00 N |
| CH_RES_NIAGARA 23895 | 44.49 -4.87 0.00 N | 34.86 -3.89 0.00 N | 26.37 -2.42 0.00 N | 22.77 -1.97 0.00 N | 22.83 -2.11 0.00 N | 23.03 -2.30 0.00 N | 37.74 -4.48 0.00 N | 32.94 -4.07 0.00 N | 32.36 -4.38 0.00 N | 29.86 -3.83 0.00 N | 36.59 -4.44 0.00 N | 43.20 -5.25 0.00 N | 40.17 -4.96 0.00 N | 42.00 -5.17 0.00 N | 45.36 -5.43 0.00 N | 50.03 -5.84 0.00 N | 37.61 -4.15 0.00 N | 43.01 -5.14 0.00 N | 40.79 -5.06 0.00 N | 45.46 -6.51 0.00 N | 43.62 -6.76 0.00 N | 45.92 -6.51 0.00 N | 45.36 -5.78 0.00 N | 38.64 -4.33 0.00 N |
| CH_RES_SYRACUSE 23985 | 47.63 -1.73 0.00 N | 37.35 -1.39 0.00 N | 27.86 -0.92 0.00 N | 23.98 -0.76 0.00 N | 24.16 -0.78 0.00 N | 24.54 -0.79 0.00 N | 40.84 -1.37 0.00 N | 35.83 -1.18 0.00 N | 35.58 -1.16 0.00 N | 32.65 -1.04 0.00 N | 39.81 -1.23 0.00 N | 46.98 -1.47 0.00 N | 43.77 -1.35 0.00 N | 45.83 -1.35 0.00 N | 49.35 -1.44 0.00 N | 54.28 -1.59 0.00 N | 40.58 -1.19 0.00 N | 46.76 -1.39 0.00 N | 44.47 -1.39 0.00 N | 50.27 -1.70 0.00 N | 48.60 -1.78 0.00 N | 50.73 -1.70 0.00 N | 49.46 -1.68 0.00 N | 41.62 -1.35 0.00 N |
| CORNELL____ 23752 | 47.01 -2.35 0.00 N | 36.63 -2.11 0.00 N | 27.33 -1.46 0.00 N | 23.81 -0.93 0.00 N | 24.12 -0.82 0.00 N | 24.22 -1.12 0.00 N | 40.41 -1.80 0.00 N | 35.86 -1.15 0.00 N | 35.69 -1.05 0.00 N | 32.86 -0.82 0.00 N | 40.04 -0.99 0.00 N | 47.25 -1.19 0.00 N | 44.04 -1.08 0.00 N | 46.09 -1.09 0.00 N | 49.67 -1.11 0.00 N | 54.72 -1.15 0.00 N | 40.85 -0.92 0.00 N | 46.93 -1.23 0.00 N | 44.55 -1.31 0.00 N | 50.23 -1.74 0.00 N | 48.68 -1.70 0.00 N | 50.96 -1.47 0.00 N | 49.27 -1.87 0.00 N | 41.26 -1.71 0.00 N |
| COXSACKIE___GT 23611 | 50.68 1.32 0.00 N | 39.86 1.11 0.00 N | 29.56 0.78 0.00 N | 25.35 0.60 0.00 N | 25.65 0.71 0.00 N | 26.13 0.79 0.00 N | 43.40 1.19 0.00 N | 38.30 1.28 0.00 N | 38.01 1.27 0.00 N | 34.92 1.23 0.00 N | 42.52 1.49 0.00 N | 50.28 1.83 0.00 N | 46.85 1.72 0.00 N | 48.83 1.66 0.00 N | 52.64 1.85 0.00 N | 58.04 2.17 0.00 N | 43.42 1.65 0.00 N | 49.97 1.82 0.00 N | 47.55 1.69 0.00 N | 53.89 1.92 0.00 N | 52.40 2.02 0.00 N | 54.43 2.00 0.00 N | 52.95 1.81 0.00 N | 44.35 1.38 0.00 N |
| CRESCENT___HYD 24018 | 55.05 5.69 0.00 N | 43.48 4.74 0.00 N | 32.11 3.32 0.00 N | 27.48 2.74 0.00 N | 27.92 2.98 0.00 N | 28.21 2.88 0.00 N | 46.99 4.78 0.00 N | 41.01 3.99 0.00 N | 40.74 4.00 0.00 N | 37.12 3.44 0.00 N | 44.69 3.65 0.00 N | 53.02 4.58 0.00 N | 49.29 4.16 0.00 N | 50.98 3.81 0.00 N | 54.73 3.94 0.00 N | 59.72 3.85 0.00 N | 44.27 2.50 0.00 N | 51.60 3.45 0.00 N | 49.46 3.60 0.00 N | 56.77 4.81 0.00 N | 55.23 4.84 0.00 N | 57.56 5.13 0.00 N | 56.42 5.28 0.00 N | 47.44 4.47 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 47.63 -1.73 0.00 N | 37.35 -1.39 0.00 N | 27.86 -0.92 0.00 N | 23.98 -0.76 0.00 N | 24.16 -0.78 0.00 N | 24.54 -0.79 0.00 N | 40.84 -1.37 0.00 N | 35.83 -1.18 0.00 N | 35.58 -1.16 0.00 N | 32.65 -1.04 0.00 N | 39.81 -1.23 0.00 N | 46.98 -1.47 0.00 N | 43.77 -1.35 0.00 N | 45.83 -1.35 0.00 N | 49.35 -1.44 0.00 N | 54.28 -1.59 0.00 N | 40.58 -1.19 0.00 N | 46.76 -1.39 0.00 N | 44.47 -1.39 0.00 N | 50.27 -1.70 0.00 N | 48.60 -1.78 0.00 N | 50.73 -1.70 0.00 N | 49.46 -1.68 0.00 N | 41.62 -1.35 0.00 N |
| CSC___481_PGEN 24222 | 55.41 3.37 -2.68 N | 41.75 2.31 -0.69 N | 30.24 1.46 0.00 N | 25.96 1.22 0.00 N | 26.14 1.20 0.00 N | 26.76 1.43 0.00 N | 49.58 3.08 -4.29 N | 56.37 2.97 -16.39 N | 57.92 2.70 -18.48 N | 60.27 2.62 -23.97 N | 59.80 3.30 -15.47 N | 96.06 3.83 -43.79 N | 76.20 3.65 -27.43 N | 77.13 3.74 -26.22 N | 80.00 4.34 -24.87 N | 81.55 4.98 -20.70 N | 60.99 3.83 -15.39 N | 58.98 4.04 -6.78 N | 59.15 3.58 -9.71 N | 58.79 3.72 -3.10 N | 61.17 3.97 -6.82 N | 64.26 3.80 -8.03 N | 60.32 3.56 -5.61 N | 57.64 2.69 -11.97 N |
| DANSKAMMER___1 23586 | 49.99 0.63 0.00 N | 39.09 0.35 0.00 N | 28.94 0.16 0.00 N | 24.81 0.07 0.00 N | 25.07 0.12 0.00 N | 25.56 0.22 0.00 N | 42.86 0.65 0.00 N | 37.93 0.92 0.00 N | 37.54 0.80 0.00 N | 34.49 0.81 0.00 N | 42.14 1.10 0.00 N | 49.69 1.25 0.00 N | 46.32 1.20 0.00 N | 48.49 1.32 0.00 N | 52.22 1.43 0.00 N | 57.59 1.73 0.00 N | 43.24 1.48 0.00 N | 49.66 1.51 0.00 N | 47.18 1.33 0.00 N | 53.46 1.49 0.00 N | 52.05 1.67 0.00 N | 53.76 1.33 0.00 N | 52.19 1.05 0.00 N | 43.59 0.62 0.00 N |
| DANSKAMMER___2 23589 | 49.99 0.63 0.00 N | 39.09 0.35 0.00 N | 28.94 0.16 0.00 N | 24.81 0.07 0.00 N | 25.07 0.12 0.00 N | 25.56 0.22 0.00 N | 42.86 0.65 0.00 N | 37.93 0.92 0.00 N | 37.54 0.80 0.00 N | 34.49 0.81 0.00 N | 42.14 1.10 0.00 N | 49.69 1.25 0.00 N | 46.32 1.20 0.00 N | 48.49 1.32 0.00 N | 52.22 1.43 0.00 N | 57.59 1.73 0.00 N | 43.24 1.48 0.00 N | 49.66 1.51 0.00 N | 47.18 1.33 0.00 N | 53.46 1.49 0.00 N | 52.05 1.67 0.00 N | 53.76 1.33 0.00 N | 52.19 1.05 0.00 N | 43.59 0.62 0.00 N |

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|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| DANSKAMMER___3 23590 | 49.99 0.63 0.00 N | 39.09 0.35 0.00 N | 28.94 0.16 0.00 N | 24.81 0.07 0.00 N | 25.07 0.12 0.00 N | 25.56 0.22 0.00 N | 42.86 0.65 0.00 N | 37.93 0.92 0.00 N | 37.54 0.80 0.00 N | 34.49 0.81 0.00 N | 42.14 1.10 0.00 N | 49.69 1.25 0.00 N | 46.32 1.20 0.00 N | 48.49 1.32 0.00 N | 52.22 1.43 0.00 N | 57.59 1.73 0.00 N | 43.24 1.48 0.00 N | 49.66 1.51 0.00 N | 47.18 1.33 0.00 N | 53.46 1.49 0.00 N | 52.05 1.67 0.00 N | 53.76 1.33 0.00 N | 52.19 1.05 0.00 N | 43.59 0.62 0.00 N |
| DANSKAMMER___4 23591 | 49.99 0.63 0.00 N | 39.09 0.35 0.00 N | 28.94 0.16 0.00 N | 24.81 0.07 0.00 N | 25.07 0.12 0.00 N | 25.56 0.22 0.00 N | 42.86 0.65 0.00 N | 37.93 0.92 0.00 N | 37.54 0.80 0.00 N | 34.49 0.81 0.00 N | 42.14 1.10 0.00 N | 49.69 1.25 0.00 N | 46.32 1.20 0.00 N | 48.49 1.32 0.00 N | 52.22 1.43 0.00 N | 57.59 1.73 0.00 N | 43.24 1.48 0.00 N | 49.66 1.51 0.00 N | 47.18 1.33 0.00 N | 53.46 1.49 0.00 N | 52.05 1.67 0.00 N | 53.76 1.33 0.00 N | 52.19 1.05 0.00 N | 43.59 0.62 0.00 N |
| DANSKAMMER___DIESEL 23592 | 49.99 0.63 0.00 N | 39.09 0.35 0.00 N | 28.94 0.16 0.00 N | 24.81 0.07 0.00 N | 25.07 0.12 0.00 N | 25.56 0.22 0.00 N | 42.86 0.65 0.00 N | 37.93 0.92 0.00 N | 37.54 0.80 0.00 N | 34.49 0.81 0.00 N | 42.14 1.10 0.00 N | 49.69 1.25 0.00 N | 46.32 1.20 0.00 N | 48.49 1.32 0.00 N | 52.22 1.43 0.00 N | 57.59 1.73 0.00 N | 43.24 1.48 0.00 N | 49.66 1.51 0.00 N | 47.18 1.33 0.00 N | 53.46 1.49 0.00 N | 52.05 1.67 0.00 N | 53.76 1.33 0.00 N | 52.19 1.05 0.00 N | 43.59 0.62 0.00 N |
| DASHVILLE___HYD 23610 | 50.55 1.19 0.00 N | 39.55 0.81 0.00 N | 29.29 0.50 0.00 N | 25.10 0.36 0.00 N | 25.36 0.41 0.00 N | 25.83 0.50 0.00 N | 43.29 1.07 0.00 N | 38.29 1.28 0.00 N | 37.90 1.16 0.00 N | 34.75 1.06 0.00 N | 42.43 1.40 0.00 N | 50.03 1.59 0.00 N | 46.65 1.53 0.00 N | 48.86 1.69 0.00 N | 52.61 1.82 0.00 N | 58.03 2.16 0.00 N | 43.55 1.78 0.00 N | 50.00 1.85 0.00 N | 47.51 1.66 0.00 N | 53.76 1.79 0.00 N | 52.34 1.95 0.00 N | 54.06 1.63 0.00 N | 52.65 1.51 0.00 N | 44.05 1.08 0.00 N |
| DOGLEVILLE___HYD 23807 | 52.79 3.43 0.00 N | 41.42 2.67 0.00 N | 30.54 1.76 0.00 N | 26.23 1.49 0.00 N | 26.58 1.63 0.00 N | 27.06 1.72 0.00 N | 45.31 3.09 0.00 N | 40.35 3.33 0.00 N | 40.00 3.26 0.00 N | 36.70 3.01 0.00 N | 44.64 3.60 0.00 N | 52.77 4.32 0.00 N | 49.18 4.06 0.00 N | 51.18 4.01 0.00 N | 55.16 4.37 0.00 N | 60.78 4.91 0.00 N | 45.49 3.73 0.00 N | 52.42 4.27 0.00 N | 49.82 3.96 0.00 N | 56.59 4.62 0.00 N | 55.21 4.83 0.00 N | 56.94 4.51 0.00 N | 55.12 3.98 0.00 N | 45.84 2.87 0.00 N |
| DUNKIRK___1 23563 | 43.12 -6.24 0.00 N | 33.57 -5.17 0.00 N | 25.34 -3.44 0.00 N | 21.89 -2.85 0.00 N | 21.98 -2.97 0.00 N | 22.30 -3.03 0.00 N | 36.81 -5.41 0.00 N | 32.36 -4.66 0.00 N | 31.96 -4.78 0.00 N | 29.65 -4.04 0.00 N | 36.44 -4.60 0.00 N | 42.94 -5.51 0.00 N | 40.15 -4.97 0.00 N | 42.36 -4.81 0.00 N | 45.80 -4.99 0.00 N | 51.03 -4.84 0.00 N | 38.41 -3.35 0.00 N | 43.70 -4.45 0.00 N | 41.43 -4.43 0.00 N | 46.28 -5.69 0.00 N | 44.55 -5.84 0.00 N | 46.30 -6.13 0.00 N | 44.73 -6.41 0.00 N | 37.55 -5.42 0.00 N |
| DUNKIRK___2 23564 | 43.12 -6.24 0.00 N | 33.57 -5.17 0.00 N | 25.34 -3.44 0.00 N | 21.89 -2.85 0.00 N | 21.98 -2.97 0.00 N | 22.30 -3.03 0.00 N | 36.81 -5.41 0.00 N | 32.36 -4.66 0.00 N | 31.96 -4.78 0.00 N | 29.65 -4.04 0.00 N | 36.44 -4.60 0.00 N | 42.94 -5.51 0.00 N | 40.15 -4.97 0.00 N | 42.36 -4.81 0.00 N | 45.80 -4.99 0.00 N | 51.03 -4.84 0.00 N | 38.41 -3.35 0.00 N | 43.70 -4.45 0.00 N | 41.43 -4.43 0.00 N | 46.28 -5.69 0.00 N | 44.55 -5.84 0.00 N | 46.30 -6.13 0.00 N | 44.73 -6.41 0.00 N | 37.55 -5.42 0.00 N |
| DUNKIRK___3 23565 | 43.56 -5.80 0.00 N | 33.94 -4.80 0.00 N | 25.61 -3.17 0.00 N | 22.12 -2.62 0.00 N | 22.20 -2.74 0.00 N | 22.51 -2.83 0.00 N | 37.14 -5.08 0.00 N | 32.66 -4.36 0.00 N | 32.25 -4.49 0.00 N | 29.90 -3.79 0.00 N | 36.74 -4.30 0.00 N | 43.32 -5.12 0.00 N | 40.46 -4.66 0.00 N | 42.62 -4.55 0.00 N | 46.07 -4.72 0.00 N | 51.20 -4.66 0.00 N | 38.50 -3.26 0.00 N | 43.85 -4.30 0.00 N | 41.57 -4.29 0.00 N | 46.44 -5.53 0.00 N | 44.68 -5.70 0.00 N | 46.55 -5.88 0.00 N | 45.13 -6.01 0.00 N | 37.95 -5.03 0.00 N |
| DUNKIRK___4 23566 | 43.56 -5.80 0.00 N | 33.94 -4.80 0.00 N | 25.61 -3.17 0.00 N | 22.12 -2.62 0.00 N | 22.20 -2.74 0.00 N | 22.51 -2.83 0.00 N | 37.14 -5.08 0.00 N | 32.66 -4.36 0.00 N | 32.25 -4.49 0.00 N | 29.90 -3.79 0.00 N | 36.74 -4.30 0.00 N | 43.32 -5.12 0.00 N | 40.46 -4.66 0.00 N | 42.62 -4.55 0.00 N | 46.07 -4.72 0.00 N | 51.20 -4.66 0.00 N | 38.50 -3.26 0.00 N | 43.85 -4.30 0.00 N | 41.57 -4.29 0.00 N | 46.44 -5.53 0.00 N | 44.68 -5.70 0.00 N | 46.55 -5.88 0.00 N | 45.13 -6.01 0.00 N | 37.95 -5.03 0.00 N |
| EAST HAMPTON___GT 23717 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| EAST RIVER___6 23660 | 51.75 2.39 0.00 N | 40.25 1.51 0.00 N | 29.76 0.98 0.00 N | 25.54 0.80 0.00 N | 25.74 0.79 0.00 N | 26.32 0.98 0.00 N | 44.51 2.30 0.00 N | 76.17 2.48 -36.67 N | 85.39 2.39 -46.27 N | 63.90 2.34 -27.87 N | 69.13 2.98 -25.11 N | 66.23 3.37 -14.42 N | 74.74 3.24 -26.38 N | 78.58 3.61 -27.79 N | 67.20 3.86 -12.56 N | 75.68 4.59 -15.23 N | 75.63 3.63 -30.23 N | 65.16 3.92 -13.09 N | 56.69 3.51 -7.33 N | 56.99 3.82 -1.20 N | 55.59 4.01 -1.19 N | 56.72 3.79 -0.51 N | 54.70 3.18 -0.37 N | 50.95 2.23 -5.75 N |
| EAST RIVER___7 23524 | 51.75 2.39 0.00 N | 40.25 1.51 0.00 N | 29.76 0.98 0.00 N | 25.54 0.80 0.00 N | 25.74 0.79 0.00 N | 26.32 0.98 0.00 N | 44.51 2.30 0.00 N | 76.17 2.48 -36.67 N | 85.39 2.39 -46.27 N | 63.90 2.34 -27.87 N | 69.13 2.98 -25.11 N | 66.23 3.37 -14.42 N | 74.74 3.24 -26.38 N | 78.58 3.61 -27.79 N | 67.20 3.86 -12.56 N | 75.68 4.59 -15.23 N | 75.63 3.63 -30.23 N | 65.16 3.92 -13.09 N | 56.69 3.51 -7.33 N | 56.99 3.82 -1.20 N | 55.59 4.01 -1.19 N | 56.72 3.79 -0.51 N | 54.70 3.18 -0.37 N | 50.95 2.23 -5.75 N |
| EAST_HAMPTON___DIESEL 23722 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |

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| ELEC_TRO_TEK 24086 | 54.88 2.84 -2.68 N | 41.36 1.93 -0.69 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.97 1.02 0.00 N | 26.56 1.22 0.00 N | 49.16 2.65 -4.29 N | 56.13 2.73 -16.39 N | 57.85 2.63 -18.48 N | 60.21 2.56 -23.97 N | 59.78 3.27 -15.47 N | 96.05 3.82 -43.79 N | 76.18 3.63 -27.43 N | 77.33 3.94 -26.22 N | 80.06 4.40 -24.87 N | 81.66 5.09 -20.70 N | 61.13 3.98 -15.39 N | 59.20 4.26 -6.78 N | 59.66 3.83 -9.97 N | 59.10 4.03 -3.10 N | 63.26 4.15 -8.72 N | 64.53 3.87 -8.23 N | 60.21 3.45 -5.61 N | 57.49 2.55 -11.97 N |
| E_CANADA_CAP_HY 24051 | 51.87 2.51 0.00 N | 40.69 1.95 0.00 N | 30.31 1.52 0.00 N | 25.99 1.25 0.00 N | 26.22 1.27 0.00 N | 26.60 1.27 0.00 N | 44.56 2.34 0.00 N | 38.45 1.43 0.00 N | 38.28 1.54 0.00 N | 34.77 1.09 0.00 N | 42.19 1.16 0.00 N | 49.91 1.46 0.00 N | 46.43 1.31 0.00 N | 48.57 1.40 0.00 N | 52.19 1.40 0.00 N | 56.77 0.90 0.00 N | 42.11 0.35 0.00 N | 49.18 1.03 0.00 N | 47.23 1.37 0.00 N | 53.94 1.97 0.00 N | 51.99 1.61 0.00 N | 54.89 2.46 0.00 N | 53.70 2.56 0.00 N | 45.32 2.35 0.00 N |
| E_CANADA_MHWK_HY 24050 | 52.79 3.43 0.00 N | 41.42 2.67 0.00 N | 30.54 1.76 0.00 N | 26.23 1.49 0.00 N | 26.58 1.63 0.00 N | 27.06 1.72 0.00 N | 45.31 3.09 0.00 N | 40.35 3.33 0.00 N | 40.00 3.26 0.00 N | 36.70 3.01 0.00 N | 44.64 3.60 0.00 N | 52.77 4.32 0.00 N | 49.18 4.06 0.00 N | 51.18 4.01 0.00 N | 55.16 4.37 0.00 N | 60.78 4.91 0.00 N | 45.49 3.73 0.00 N | 52.42 4.27 0.00 N | 49.82 3.96 0.00 N | 56.59 4.62 0.00 N | 55.21 4.83 0.00 N | 56.94 4.51 0.00 N | 55.12 3.98 0.00 N | 45.84 2.87 0.00 N |
| E_FISHKILL___LBMP 23776 | 49.77 0.41 0.00 N | 39.05 0.31 0.00 N | 28.92 0.14 0.00 N | 24.82 0.08 0.00 N | 25.08 0.13 0.00 N | 25.51 0.17 0.00 N | 42.54 0.33 0.00 N | 37.51 0.50 0.00 N | 37.17 0.43 0.00 N | 34.11 0.43 0.00 N | 41.62 0.59 0.00 N | 49.12 0.68 0.00 N | 45.80 0.68 0.00 N | 47.89 0.71 0.00 N | 51.60 0.81 0.00 N | 56.93 1.06 0.00 N | 42.67 0.91 0.00 N | 49.03 0.88 0.00 N | 46.63 0.77 0.00 N | 52.74 0.78 0.00 N | 51.24 0.86 0.00 N | 53.00 0.57 0.00 N | 51.63 0.49 0.00 N | 43.31 0.33 0.00 N |
| FAR ROCKAWAY___4 23548 | 55.20 3.16 -2.68 N | 41.68 2.24 -0.69 N | 30.26 1.48 0.00 N | 25.97 1.23 0.00 N | 26.15 1.20 0.00 N | 26.76 1.42 0.00 N | 49.23 2.72 -4.29 N | 56.16 2.76 -16.39 N | 57.98 2.76 -18.48 N | 60.34 2.68 -23.97 N | 59.37 2.86 -15.47 N | 95.43 3.20 -43.79 N | 75.71 3.16 -27.43 N | 76.96 3.57 -26.22 N | 79.57 3.91 -24.87 N | 80.78 4.21 -20.70 N | 60.78 3.63 -15.39 N | 58.87 3.94 -6.78 N | 59.67 3.48 -10.33 N | 58.65 3.58 -3.10 N | 65.42 3.73 -11.31 N | 64.30 3.36 -8.51 N | 60.53 3.77 -5.61 N | 57.63 2.68 -11.97 N |
| FENNER___WINDPWR 24204 | 50.60 1.24 0.00 N | 39.66 0.92 0.00 N | 29.44 0.66 0.00 N | 25.40 0.66 0.00 N | 25.58 0.63 0.00 N | 26.02 0.68 0.00 N | 43.42 1.21 0.00 N | 37.93 0.91 0.00 N | 37.65 0.91 0.00 N | 34.46 0.77 0.00 N | 41.93 0.89 0.00 N | 49.52 1.08 0.00 N | 46.14 1.02 0.00 N | 48.27 1.10 0.00 N | 51.86 1.07 0.00 N | 56.81 0.94 0.00 N | 42.31 0.54 0.00 N | 48.97 0.82 0.00 N | 46.76 0.90 0.00 N | 53.20 1.24 0.00 N | 51.51 1.13 0.00 N | 53.72 1.29 0.00 N | 52.26 1.12 0.00 N | 43.96 0.98 0.00 N |
| FIBERTEK___ENERGY 23856 | 47.63 -1.73 0.00 N | 37.35 -1.39 0.00 N | 27.86 -0.92 0.00 N | 23.98 -0.76 0.00 N | 24.16 -0.78 0.00 N | 24.54 -0.79 0.00 N | 40.84 -1.37 0.00 N | 35.83 -1.18 0.00 N | 35.58 -1.16 0.00 N | 32.65 -1.04 0.00 N | 39.81 -1.23 0.00 N | 46.98 -1.47 0.00 N | 43.77 -1.35 0.00 N | 45.83 -1.35 0.00 N | 49.35 -1.44 0.00 N | 54.28 -1.59 0.00 N | 40.58 -1.19 0.00 N | 46.76 -1.39 0.00 N | 44.47 -1.39 0.00 N | 50.27 -1.70 0.00 N | 48.60 -1.78 0.00 N | 50.73 -1.70 0.00 N | 49.46 -1.68 0.00 N | 41.62 -1.35 0.00 N |
| FITZPATRICK____ 23598 | 47.03 -2.33 0.00 N | 36.88 -1.86 0.00 N | 27.44 -1.35 0.00 N | 23.58 -1.16 0.00 N | 23.79 -1.16 0.00 N | 24.17 -1.17 0.00 N | 40.22 -1.99 0.00 N | 35.33 -1.68 0.00 N | 35.03 -1.70 0.00 N | 32.11 -1.57 0.00 N | 39.16 -1.87 0.00 N | 46.22 -2.23 0.00 N | 43.06 -2.06 0.00 N | 45.04 -2.13 0.00 N | 48.53 -2.26 0.00 N | 53.43 -2.43 0.00 N | 39.97 -1.79 0.00 N | 46.02 -2.14 0.00 N | 43.77 -2.09 0.00 N | 49.49 -2.48 0.00 N | 47.95 -2.44 0.00 N | 49.93 -2.51 0.00 N | 48.73 -2.41 0.00 N | 40.96 -2.01 0.00 N |
| FORT ORANGE____ 23900 | 55.08 5.72 0.00 N | 43.28 4.54 0.00 N | 31.94 3.16 0.00 N | 27.33 2.58 0.00 N | 27.71 2.76 0.00 N | 28.13 2.80 0.00 N | 47.15 4.94 0.00 N | 41.15 4.13 0.00 N | 40.91 4.18 0.00 N | 37.33 3.65 0.00 N | 45.07 4.04 0.00 N | 53.20 4.76 0.00 N | 49.47 4.35 0.00 N | 51.46 4.29 0.00 N | 55.25 4.46 0.00 N | 60.23 4.36 0.00 N | 44.83 3.07 0.00 N | 52.19 4.04 0.00 N | 49.98 4.12 0.00 N | 57.29 5.32 0.00 N | 55.89 5.50 0.00 N | 58.13 5.70 0.00 N | 56.85 5.71 0.00 N | 47.79 4.81 0.00 N |
| FORT_DRUM_COGEN 23780 | 51.92 2.56 0.00 N | 40.67 1.93 0.00 N | 30.18 1.39 0.00 N | 25.93 1.19 0.00 N | 26.13 1.18 0.00 N | 26.63 1.29 0.00 N | 44.60 2.39 0.00 N | 38.46 1.44 0.00 N | 38.18 1.44 0.00 N | 34.88 1.19 0.00 N | 42.15 1.11 0.00 N | 49.86 1.41 0.00 N | 46.38 1.25 0.00 N | 48.60 1.43 0.00 N | 52.14 1.35 0.00 N | 56.83 0.96 0.00 N | 42.07 0.31 0.00 N | 49.17 1.02 0.00 N | 47.29 1.44 0.00 N | 54.00 2.03 0.00 N | 52.06 1.68 0.00 N | 54.64 2.21 0.00 N | 53.12 1.98 0.00 N | 44.92 1.95 0.00 N |
| FPL FAR_ROCK_GT1 24212 | 55.20 3.16 -2.68 N | 41.68 2.24 -0.69 N | 30.26 1.48 0.00 N | 25.97 1.23 0.00 N | 26.15 1.20 0.00 N | 26.76 1.42 0.00 N | 49.23 2.72 -4.29 N | 56.16 2.76 -16.39 N | 57.98 2.76 -18.48 N | 60.34 2.68 -23.97 N | 59.37 2.86 -15.47 N | 95.43 3.20 -43.79 N | 75.71 3.16 -27.43 N | 76.96 3.57 -26.22 N | 79.57 3.91 -24.87 N | 80.78 4.21 -20.70 N | 60.78 3.63 -15.39 N | 58.87 3.94 -6.78 N | 59.67 3.48 -10.33 N | 58.65 3.58 -3.10 N | 65.42 3.73 -11.31 N | 64.30 3.36 -8.51 N | 60.53 3.77 -5.61 N | 57.63 2.68 -11.97 N |
| FPL FAR_ROCK_GT2 23815 | 55.20 3.16 -2.68 N | 41.68 2.24 -0.69 N | 30.26 1.48 0.00 N | 25.97 1.23 0.00 N | 26.15 1.20 0.00 N | 26.76 1.42 0.00 N | 49.23 2.72 -4.29 N | 56.16 2.76 -16.39 N | 57.98 2.76 -18.48 N | 60.34 2.68 -23.97 N | 59.37 2.86 -15.47 N | 95.43 3.20 -43.79 N | 75.71 3.16 -27.43 N | 76.96 3.57 -26.22 N | 79.57 3.91 -24.87 N | 80.78 4.21 -20.70 N | 60.78 3.63 -15.39 N | 58.87 3.94 -6.78 N | 59.67 3.48 -10.33 N | 58.65 3.58 -3.10 N | 65.42 3.73 -11.31 N | 64.30 3.36 -8.51 N | 60.53 3.77 -5.61 N | 57.63 2.68 -11.97 N |
| FRANKLIN_FALL_HYD 24054 | 50.43 1.07 0.00 N | 39.67 0.93 0.00 N | 29.41 0.63 0.00 N | 25.26 0.52 0.00 N | 25.48 0.54 0.00 N | 25.88 0.54 0.00 N | 43.20 0.98 0.00 N | 37.44 0.42 0.00 N | 37.22 0.48 0.00 N | 34.12 0.43 0.00 N | 41.42 0.39 0.00 N | 49.01 0.57 0.00 N | 45.60 0.48 0.00 N | 47.63 0.46 0.00 N | 51.21 0.42 0.00 N | 56.17 0.31 0.00 N | 41.86 0.09 0.00 N | 48.48 0.32 0.00 N | 46.49 0.64 0.00 N | 52.94 0.97 0.00 N | 51.15 0.77 0.00 N | 53.40 0.97 0.00 N | 52.26 1.12 0.00 N | 44.04 1.07 0.00 N |

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| FREPORT_EQUUS_GTI 23764 | 55.18 3.14 -2.68 N | 41.59 2.16 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.71 1.37 0.00 N | 49.41 2.90 -4.29 N | 56.36 2.96 -16.39 N | 58.04 2.82 -18.48 N | 60.39 2.74 -23.97 N | 60.01 3.50 -15.47 N | 96.32 4.08 -43.79 N | 76.42 3.87 -27.43 N | 77.59 4.20 -26.22 N | 80.34 4.69 -24.87 N | 81.95 5.38 -20.70 N | 61.36 4.20 -15.39 N | 59.46 4.52 -6.78 N | 59.86 4.08 -9.92 N | 59.37 4.30 -3.10 N | 63.16 4.43 -8.35 N | 64.84 4.22 -8.19 N | 60.61 3.86 -5.61 N | 57.84 2.89 -11.97 N |
| FULTON COGEN____ 23766 | 48.39 -0.97 0.00 N | 37.91 -0.83 0.00 N | 28.22 -0.56 0.00 N | 24.26 -0.48 0.00 N | 24.45 -0.49 0.00 N | 24.86 -0.47 0.00 N | 41.46 -0.76 0.00 N | 36.30 -0.72 0.00 N | 36.01 -0.73 0.00 N | 32.99 -0.70 0.00 N | 40.15 -0.88 0.00 N | 47.39 -1.05 0.00 N | 44.15 -0.97 0.00 N | 46.21 -0.96 0.00 N | 49.75 -1.04 0.00 N | 54.68 -1.19 0.00 N | 40.83 -0.94 0.00 N | 47.17 -0.98 0.00 N | 44.92 -0.94 0.00 N | 50.91 -1.06 0.00 N | 49.25 -1.13 0.00 N | 51.40 -1.03 0.00 N | 50.10 -1.04 0.00 N | 42.17 -0.80 0.00 N |
| Freeport____CT2 23818 | 55.18 3.14 -2.68 N | 41.59 2.16 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.71 1.37 0.00 N | 49.41 2.90 -4.29 N | 56.36 2.96 -16.39 N | 58.04 2.82 -18.48 N | 60.39 2.74 -23.97 N | 60.01 3.50 -15.47 N | 96.32 4.08 -43.79 N | 76.42 3.87 -27.43 N | 77.59 4.20 -26.22 N | 80.34 4.69 -24.87 N | 81.95 5.38 -20.70 N | 61.36 4.20 -15.39 N | 59.46 4.52 -6.78 N | 59.86 4.08 -9.92 N | 59.37 4.30 -3.10 N | 63.16 4.43 -8.35 N | 64.84 4.22 -8.19 N | 60.61 3.86 -5.61 N | 57.84 2.89 -11.97 N |
| G.F.CEMENT____DRP 24184 | 56.10 6.74 0.00 N | 44.47 5.72 0.00 N | 32.68 3.89 0.00 N | 27.97 3.23 0.00 N | 28.51 3.56 0.00 N | 28.75 3.41 0.00 N | 47.55 5.34 0.00 N | 41.72 4.71 0.00 N | 41.55 4.81 0.00 N | 37.86 4.17 0.00 N | 45.58 4.55 0.00 N | 54.37 5.93 0.00 N | 50.59 5.47 0.00 N | 51.92 4.75 0.00 N | 55.69 4.90 0.00 N | 60.75 4.88 0.00 N | 44.92 3.15 0.00 N | 52.41 4.26 0.00 N | 50.25 4.39 0.00 N | 57.75 5.78 0.00 N | 56.15 5.77 0.00 N | 58.51 6.08 0.00 N | 57.29 6.14 0.00 N | 48.09 5.12 0.00 N |
| GARDENVILLE____LBMP 24039 | 43.32 -6.04 0.00 N | 34.00 -4.74 0.00 N | 25.67 -3.11 0.00 N | 22.22 -2.52 0.00 N | 22.22 -2.72 0.00 N | 22.44 -2.90 0.00 N | 36.79 -5.43 0.00 N | 32.08 -4.93 0.00 N | 31.55 -5.19 0.00 N | 29.14 -4.55 0.00 N | 35.95 -5.09 0.00 N | 42.43 -6.01 0.00 N | 39.49 -5.63 0.00 N | 41.43 -5.75 0.00 N | 44.74 -6.04 0.00 N | 49.55 -6.31 0.00 N | 37.31 -4.46 0.00 N | 42.57 -5.58 0.00 N | 40.36 -5.50 0.00 N | 44.88 -7.08 0.00 N | 43.03 -7.36 0.00 N | 45.12 -7.31 0.00 N | 44.42 -6.73 0.00 N | 37.65 -5.32 0.00 N |
| GENERAL____MILLS 23808 | 44.95 -4.41 0.00 N | 35.12 -3.62 0.00 N | 26.46 -2.32 0.00 N | 22.84 -1.91 0.00 N | 22.93 -2.02 0.00 N | 23.21 -2.13 0.00 N | 38.25 -3.96 0.00 N | 33.62 -3.39 0.00 N | 33.16 -3.58 0.00 N | 30.67 -3.02 0.00 N | 37.65 -3.39 0.00 N | 44.43 -4.01 0.00 N | 41.39 -3.74 0.00 N | 43.43 -3.74 0.00 N | 46.90 -3.89 0.00 N | 51.82 -4.04 0.00 N | 38.92 -2.85 0.00 N | 44.44 -3.71 0.00 N | 42.12 -3.74 0.00 N | 47.01 -4.96 0.00 N | 45.20 -5.18 0.00 N | 47.38 -5.05 0.00 N | 46.37 -4.77 0.00 N | 39.17 -3.81 0.00 N |
| GE_PLASTICS____DRP 24183 | 53.37 4.01 0.00 N | 42.05 3.31 0.00 N | 31.06 2.28 0.00 N | 26.57 1.83 0.00 N | 27.00 2.06 0.00 N | 27.51 2.18 0.00 N | 45.90 3.69 0.00 N | 39.94 2.92 0.00 N | 39.76 3.02 0.00 N | 36.26 2.57 0.00 N | 43.73 2.70 0.00 N | 51.69 3.25 0.00 N | 48.04 2.92 0.00 N | 49.91 2.74 0.00 N | 53.59 2.80 0.00 N | 58.42 2.55 0.00 N | 43.41 1.65 0.00 N | 50.58 2.43 0.00 N | 48.46 2.60 0.00 N | 55.58 3.62 0.00 N | 54.11 3.73 0.00 N | 56.43 4.00 0.00 N | 55.31 4.17 0.00 N | 46.58 3.61 0.00 N |
| GILBOA____1 23756 | 53.85 4.49 0.00 N | 42.52 3.78 0.00 N | 31.44 2.66 0.00 N | 26.94 2.20 0.00 N | 27.27 2.32 0.00 N | 27.58 2.24 0.00 N | 45.84 3.62 0.00 N | 39.84 2.83 0.00 N | 39.62 2.88 0.00 N | 36.05 2.37 0.00 N | 43.51 2.48 0.00 N | 51.27 2.82 0.00 N | 47.62 2.50 0.00 N | 49.53 2.36 0.00 N | 53.17 2.39 0.00 N | 57.96 2.09 0.00 N | 43.11 1.35 0.00 N | 50.17 2.02 0.00 N | 48.03 2.17 0.00 N | 55.15 3.18 0.00 N | 53.86 3.47 0.00 N | 56.16 3.73 0.00 N | 55.09 3.95 0.00 N | 46.47 3.50 0.00 N |
| GILBOA____2 23757 | 53.85 4.49 0.00 N | 42.52 3.78 0.00 N | 31.44 2.66 0.00 N | 26.94 2.20 0.00 N | 27.27 2.32 0.00 N | 27.58 2.24 0.00 N | 45.84 3.62 0.00 N | 39.84 2.83 0.00 N | 39.62 2.88 0.00 N | 36.05 2.37 0.00 N | 43.51 2.48 0.00 N | 51.27 2.82 0.00 N | 47.62 2.50 0.00 N | 49.53 2.36 0.00 N | 53.17 2.39 0.00 N | 57.96 2.09 0.00 N | 43.11 1.35 0.00 N | 50.17 2.02 0.00 N | 48.03 2.17 0.00 N | 55.15 3.18 0.00 N | 53.86 3.47 0.00 N | 56.16 3.73 0.00 N | 55.09 3.95 0.00 N | 46.47 3.50 0.00 N |
| GILBOA____3 23758 | 53.85 4.49 0.00 N | 42.52 3.78 0.00 N | 31.44 2.66 0.00 N | 26.94 2.20 0.00 N | 27.27 2.32 0.00 N | 27.58 2.24 0.00 N | 45.84 3.62 0.00 N | 39.84 2.83 0.00 N | 39.62 2.88 0.00 N | 36.05 2.37 0.00 N | 43.51 2.48 0.00 N | 51.27 2.82 0.00 N | 47.62 2.50 0.00 N | 49.53 2.36 0.00 N | 53.17 2.39 0.00 N | 57.96 2.09 0.00 N | 43.11 1.35 0.00 N | 50.17 2.02 0.00 N | 48.03 2.17 0.00 N | 55.15 3.18 0.00 N | 53.86 3.47 0.00 N | 56.16 3.73 0.00 N | 55.09 3.95 0.00 N | 46.47 3.50 0.00 N |
| GILBOA____4 23759 | 53.85 4.49 0.00 N | 42.52 3.78 0.00 N | 31.44 2.66 0.00 N | 26.94 2.20 0.00 N | 27.27 2.32 0.00 N | 27.58 2.24 0.00 N | 45.84 3.62 0.00 N | 39.84 2.83 0.00 N | 39.62 2.88 0.00 N | 36.05 2.37 0.00 N | 43.51 2.48 0.00 N | 51.27 2.82 0.00 N | 47.62 2.50 0.00 N | 49.53 2.36 0.00 N | 53.17 2.39 0.00 N | 57.96 2.09 0.00 N | 43.11 1.35 0.00 N | 50.17 2.02 0.00 N | 48.03 2.17 0.00 N | 55.15 3.18 0.00 N | 53.86 3.47 0.00 N | 56.16 3.73 0.00 N | 55.09 3.95 0.00 N | 46.47 3.50 0.00 N |
| GILBOA____ 23599 | 53.85 4.49 0.00 N | 42.52 3.78 0.00 N | 31.44 2.66 0.00 N | 26.94 2.20 0.00 N | 27.27 2.32 0.00 N | 27.58 2.24 0.00 N | 45.84 3.62 0.00 N | 39.84 2.83 0.00 N | 39.62 2.88 0.00 N | 36.05 2.37 0.00 N | 43.51 2.48 0.00 N | 51.27 2.82 0.00 N | 47.62 2.50 0.00 N | 49.53 2.36 0.00 N | 53.17 2.39 0.00 N | 57.96 2.09 0.00 N | 43.11 1.35 0.00 N | 50.17 2.02 0.00 N | 48.03 2.17 0.00 N | 55.15 3.18 0.00 N | 53.86 3.47 0.00 N | 56.16 3.73 0.00 N | 55.09 3.95 0.00 N | 46.47 3.50 0.00 N |
| GINNA____ 23603 | 48.73 -0.63 0.00 N | 38.23 -0.51 0.00 N | 28.47 -0.31 0.00 N | 24.44 -0.31 0.00 N | 24.69 -0.26 0.00 N | 24.99 -0.34 0.00 N | 41.65 -0.57 0.00 N | 36.26 -0.76 0.00 N | 36.15 -0.58 0.00 N | 33.05 -0.64 0.00 N | 40.13 -0.90 0.00 N | 47.50 -0.95 0.00 N | 44.15 -0.97 0.00 N | 45.99 -1.19 0.00 N | 49.40 -1.39 0.00 N | 53.77 -2.10 0.00 N | 39.89 -1.88 0.00 N | 46.33 -1.82 0.00 N | 44.21 -1.65 0.00 N | 50.26 -1.71 0.00 N | 48.52 -1.86 0.00 N | 51.13 -1.30 0.00 N | 50.17 -0.97 0.00 N | 42.35 -0.62 0.00 N |

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| GLEN PARK____ 23778 | 52.44 3.08 0.00 N | 41.07 2.32 0.00 N | 30.48 1.69 0.00 N | 26.18 1.44 0.00 N | 26.38 1.43 0.00 N | 26.90 1.56 0.00 N | 45.07 2.86 0.00 N | 38.86 1.85 0.00 N | 38.60 1.86 0.00 N | 35.26 1.57 0.00 N | 42.58 1.55 0.00 N | 50.39 1.95 0.00 N | 46.86 1.74 0.00 N | 49.14 1.97 0.00 N | 52.76 1.98 0.00 N | 57.46 1.60 0.00 N | 42.49 0.73 0.00 N | 49.68 1.52 0.00 N | 47.79 1.94 0.00 N | 54.51 2.54 0.00 N | 52.53 2.14 0.00 N | 55.15 2.72 0.00 N | 53.60 2.46 0.00 N | 45.33 2.36 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| GLENWOOD_IC_2_G1 23688 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.42 3.82 -9.74 N | 59.32 4.25 -3.10 N | 61.88 4.46 -7.04 N | 64.81 4.33 -8.05 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| GLENWOOD_IC_3_G1 23689 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.42 3.82 -9.74 N | 59.32 4.25 -3.10 N | 61.88 4.46 -7.04 N | 64.81 4.33 -8.05 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| GLENWOOD____4 23550 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| GLENWOOD____5 23614 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| GLOBAL GREEN_PORT_GT1 23814 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| GOUDEY____7 23579 | 48.66 -0.70 0.00 N | 38.01 -0.73 0.00 N | 28.32 -0.46 0.00 N | 24.40 -0.34 0.00 N | 24.53 -0.42 0.00 N | 25.06 -0.28 0.00 N | 41.87 -0.35 0.00 N | 36.91 -0.11 0.00 N | 36.72 -0.02 0.00 N | 33.86 0.17 0.00 N | 41.44 0.41 0.25 N | 48.70 0.29 0.00 N | 45.41 0.53 0.00 N | 47.70 0.53 0.00 N | 51.35 0.56 0.00 N | 56.65 0.78 0.00 N | 42.57 0.80 0.00 N | 48.97 0.82 0.00 N | 46.40 0.54 0.00 N | 52.35 0.38 0.00 N | 50.72 0.33 0.00 N | 52.49 0.06 0.00 N | 50.88 -0.26 0.00 N | 42.52 -0.45 0.00 N |
| GOUDEY____8 23580 | 48.55 -0.81 0.00 N | 37.88 -0.87 0.00 N | 28.24 -0.55 0.00 N | 24.38 -0.36 0.00 N | 24.50 -0.44 0.00 N | 25.02 -0.32 0.00 N | 41.75 -0.47 0.00 N | 36.73 -0.28 0.00 N | 36.53 -0.21 0.00 N | 33.70 0.01 0.00 N | 41.23 0.19 0.03 N | 48.47 0.03 0.00 N | 45.21 0.09 0.00 N | 47.49 0.32 0.00 N | 51.15 0.36 0.00 N | 56.47 0.61 0.00 N | 42.41 0.64 0.00 N | 48.75 0.60 0.00 N | 46.22 0.37 0.00 N | 52.17 0.20 0.00 N | 50.55 0.17 0.00 N | 52.33 -0.10 0.00 N | 50.69 -0.45 0.00 N | 42.37 -0.60 0.00 N |
| GOWANUS_GT_1_GRP 23732 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT_2_GRP 23617 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT_3_GRP 23618 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT_4_GRP 23751 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |

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|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
| GOWANUS_GT1_1 24077 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_2 24078 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_3 24079 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_4 24080 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_5 24084 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_6 24111 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_7 24112 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT1_8 24113 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT2_1 24114 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_2 24115 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_3 24116 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_4 24117 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_5 24118 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |

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|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
| GOWANUS_GT2_6 24119 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_7 24120 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT2_8 24121 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT3_1 24122 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_2 24123 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_3 24124 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_4 24125 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_5 24126 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_6 24127 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_7 24128 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT3_8 24129 | 52.28 2.92 0.00 N | 40.64 1.90 0.00 N | 30.01 1.22 0.00 N | 25.77 1.03 0.00 N | 25.97 1.03 0.00 N | 26.57 1.23 0.00 N | 54.02 2.77 -9.04 N | 80.79 2.82 -40.95 N | 75.16 2.76 -35.67 N | 78.02 2.67 -41.66 N | 78.31 3.45 -33.83 N | 77.58 3.91 -25.22 N | 76.85 3.75 -27.97 N | 79.07 4.10 -27.79 N | 67.64 4.29 -12.56 N | 76.21 5.11 -15.23 N | 76.00 4.00 -30.23 N | 142.75 4.32 -90.28 N | 157.68 3.84 -107.98 N | 157.67 4.16 -101.54 N | 161.82 4.27 -107.16 N | 161.14 4.07 -104.63 N | 157.32 3.46 -102.72 N | 86.54 2.56 -41.01 N |
| GOWANUS_GT4_1 24130 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_2 24131 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |

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| GOWANUS_GT4_3 24132 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_4 24133 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_5 24134 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_6 24135 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_7 24136 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GOWANUS_GT4_8 24137 | 52.31 2.95 0.00 N | 40.66 1.92 0.00 N | 30.06 1.27 0.00 N | 25.76 1.02 0.00 N | 25.96 1.01 0.00 N | 26.58 1.25 0.00 N | 54.05 2.80 -9.04 N | 80.82 2.85 -40.95 N | 75.20 2.79 -35.67 N | 78.05 2.70 -41.66 N | 78.35 3.49 -33.83 N | 77.63 3.96 -25.22 N | 76.90 3.80 -27.97 N | 79.11 4.15 -27.79 N | 67.69 4.34 -12.56 N | 76.27 5.17 -15.23 N | 76.04 4.04 -30.23 N | 142.80 4.37 -90.28 N | 157.72 3.89 -107.98 N | 157.72 4.21 -101.54 N | 161.86 4.32 -107.16 N | 161.18 4.12 -104.63 N | 157.37 3.51 -102.72 N | 86.58 2.59 -41.01 N |
| GRAHMSVILLE___HY 23607 | 50.96 1.60 0.00 N | 39.64 0.89 0.00 N | 29.50 0.71 0.00 N | 25.37 0.62 0.00 N | 25.50 0.55 0.00 N | 26.04 0.71 0.00 N | 43.71 1.50 0.00 N | 38.90 1.88 0.00 N | 38.76 2.02 0.00 N | 35.84 2.16 0.00 N | 43.87 2.84 0.00 N | 51.57 3.12 0.00 N | 48.10 2.97 0.00 N | 50.44 3.27 0.00 N | 54.39 3.60 0.00 N | 60.03 4.16 0.00 N | 45.30 3.54 0.00 N | 51.97 3.82 0.00 N | 49.32 3.47 0.00 N | 55.49 3.52 0.00 N | 53.96 3.58 0.00 N | 55.65 3.22 0.00 N | 53.65 2.50 0.00 N | 44.69 1.72 0.00 N |
| GREENIDGE___3 23582 | 47.97 -1.39 0.00 N | 36.96 -1.78 0.00 N | 27.91 -0.88 0.00 N | 24.29 -0.45 0.00 N | 24.49 -0.45 0.00 N | 24.97 -0.36 0.00 N | 41.56 -0.65 0.00 N | 36.44 -0.57 0.00 N | 36.09 -0.65 0.00 N | 33.34 -0.34 0.00 N | 40.71 -0.32 0.00 N | 47.91 -0.53 0.00 N | 44.65 -0.47 0.00 N | 46.85 -0.32 0.00 N | 50.42 -0.37 0.00 N | 55.20 -0.66 0.00 N | 41.56 -0.21 0.00 N | 47.84 -0.31 0.00 N | 45.22 -0.64 0.00 N | 51.06 -0.91 0.00 N | 49.38 -1.01 0.00 N | 51.22 -1.21 0.00 N | 49.57 -1.57 0.00 N | 41.61 -1.36 0.00 N |
| GREENIDGE___4 23583 | 47.99 -1.37 0.00 N | 36.90 -1.84 0.00 N | 27.91 -0.88 0.00 N | 24.33 -0.41 0.00 N | 24.51 -0.43 0.00 N | 25.00 -0.34 0.00 N | 41.58 -0.63 0.00 N | 36.39 -0.62 0.00 N | 35.98 -0.76 0.00 N | 33.26 -0.42 0.00 N | 40.59 -0.44 0.00 N | 47.78 -0.66 0.00 N | 44.55 -0.58 0.00 N | 46.75 -0.42 0.00 N | 50.30 -0.48 0.00 N | 55.17 -0.70 0.00 N | 41.49 -0.27 0.00 N | 47.74 -0.41 0.00 N | 45.15 -0.71 0.00 N | 51.00 -0.97 0.00 N | 49.32 -1.07 0.00 N | 51.16 -1.27 0.00 N | 49.49 -1.65 0.00 N | 41.58 -1.40 0.00 N |
| HARZA MOOSE___RIVER 24016 | 51.18 1.82 0.00 N | 40.13 1.39 0.00 N | 29.76 0.97 0.00 N | 25.56 0.82 0.00 N | 25.80 0.85 0.00 N | 26.27 0.93 0.00 N | 43.89 1.67 0.00 N | 38.21 1.20 0.00 N | 37.94 1.20 0.00 N | 34.71 1.03 0.00 N | 42.14 1.11 0.00 N | 49.79 1.34 0.00 N | 46.36 1.24 0.00 N | 48.48 1.31 0.00 N | 52.07 1.29 0.00 N | 57.02 1.15 0.00 N | 42.45 0.69 0.00 N | 49.25 1.09 0.00 N | 47.11 1.25 0.00 N | 53.65 1.68 0.00 N | 51.92 1.54 0.00 N | 54.21 1.78 0.00 N | 52.76 1.62 0.00 N | 44.42 1.45 0.00 N |
| HEMPSTEAD____ 23647 | 54.88 2.84 -2.68 N | 41.36 1.93 -0.69 N | 30.03 1.24 0.00 N | 25.77 1.02 0.00 N | 25.97 1.02 0.00 N | 26.56 1.22 0.00 N | 49.16 2.65 -4.29 N | 56.13 2.73 -16.39 N | 57.85 2.63 -18.48 N | 60.21 2.56 -23.97 N | 59.78 3.27 -15.47 N | 96.05 3.82 -43.79 N | 76.18 3.63 -27.43 N | 77.33 3.94 -26.22 N | 80.06 4.40 -24.87 N | 81.66 5.09 -20.70 N | 61.13 3.98 -15.39 N | 59.20 4.26 -6.78 N | 59.55 3.83 -9.86 N | 59.10 4.03 -3.10 N | 62.47 4.15 -7.94 N | 64.44 3.87 -8.15 N | 60.21 3.45 -5.61 N | 57.49 2.55 -11.97 N |
| HICKLING___1 23621 | 48.27 -1.09 0.00 N | 37.67 -1.07 0.00 N | 28.01 -0.78 0.00 N | 24.17 -0.57 0.00 N | 24.31 -0.64 0.00 N | 24.87 -0.47 0.00 N | 41.72 -0.49 0.00 N | 36.91 -0.10 0.00 N | 36.69 -0.05 0.00 N | 33.90 0.22 0.00 N | 41.63 0.60 0.00 N | 49.05 0.61 0.00 N | 45.78 0.66 0.00 N | 48.18 1.01 0.00 N | 51.92 1.13 0.00 N | 57.41 1.54 0.00 N | 43.11 1.34 0.00 N | 49.39 1.24 0.00 N | 46.78 0.92 0.00 N | 52.66 0.70 0.00 N | 50.92 0.54 0.00 N | 52.79 0.36 0.00 N | 50.87 -0.27 0.00 N | 42.29 -0.68 0.00 N |
| HICKLING___2 23622 | 48.28 -1.08 0.00 N | 37.68 -1.06 0.00 N | 28.01 -0.78 0.00 N | 24.18 -0.57 0.00 N | 24.31 -0.63 0.00 N | 24.88 -0.46 0.00 N | 41.73 -0.48 0.00 N | 36.92 -0.09 0.00 N | 36.70 -0.04 0.00 N | 33.91 0.23 0.00 N | 41.65 0.61 0.00 N | 49.07 0.62 0.00 N | 45.80 0.67 0.00 N | 48.20 1.02 0.00 N | 51.94 1.15 0.00 N | 57.42 1.56 0.00 N | 43.12 1.35 0.00 N | 49.41 1.26 0.00 N | 46.79 0.94 0.00 N | 52.68 0.71 0.00 N | 50.94 0.55 0.00 N | 52.80 0.37 0.00 N | 50.88 -0.26 0.00 N | 42.30 -0.67 0.00 N |

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| HIGH FALLS___HY 23754 | 50.62 1.26 0.00 N | 39.69 0.95 0.00 N | 29.45 0.67 0.00 N | 25.27 0.53 0.00 N | 25.50 0.55 0.00 N | 25.95 0.62 0.00 N | 43.28 1.06 0.00 N | 38.27 1.26 0.00 N | 37.98 1.24 0.00 N | 34.95 1.26 0.00 N | 42.54 1.50 0.00 N | 49.98 1.53 0.00 N | 46.63 1.51 0.00 N | 48.73 1.56 0.00 N | 52.53 1.75 0.00 N | 57.94 2.07 0.00 N | 43.42 1.66 0.00 N | 49.92 1.77 0.00 N | 47.43 1.58 0.00 N | 53.63 1.66 0.00 N | 52.16 1.78 0.00 N | 54.11 1.68 0.00 N | 52.67 1.53 0.00 N | 44.28 1.30 0.00 N |
| HILLBURN___GT 23639 | 49.90 0.54 0.00 N | 38.98 0.24 0.00 N | 28.91 0.12 0.00 N | 24.86 0.12 0.00 N | 24.99 0.04 0.00 N | 25.50 0.17 0.00 N | 42.81 0.59 0.00 N | 38.01 0.99 0.00 N | 37.72 0.98 0.00 N | 34.76 1.08 0.00 N | 42.56 1.52 0.00 N | 50.16 1.72 0.00 N | 46.82 1.70 0.00 N | 49.13 1.96 0.00 N | 52.98 2.20 0.00 N | 58.56 2.70 0.00 N | 44.06 2.29 0.00 N | 50.53 2.38 0.00 N | 47.94 2.08 0.00 N | 54.05 2.68 0.00 N | 52.48 2.09 0.00 N | 54.14 1.71 0.00 N | 52.30 1.16 0.00 N | 43.60 0.63 0.00 N |
| HOLTSVIL 1-5___GRP1 24031 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVIL6-10___GRP2 24032 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_1 23690 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_10 23699 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_2 23691 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_3 23692 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_4 23693 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_5 23694 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_6 23695 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_7 23696 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HOLTSVILLE_IC_8 23697 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |

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| HOLTSVILLE_IC_9 23698 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.12 3.55 -9.71 N | 58.73 3.66 -3.10 N | 61.08 3.86 -6.84 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| HQ_GEN_CEDARS 23644 | 51.75 2.39 0.00 N | 40.58 1.84 0.00 N | 30.09 1.31 0.00 N | 25.79 1.05 0.00 N | 26.01 1.06 0.00 N | 26.48 1.15 0.00 N | 44.41 2.19 0.00 N | 37.87 0.85 0.00 N | 37.80 1.06 0.00 N | 34.55 0.87 0.00 N | 41.98 0.94 0.00 N | 49.67 1.23 0.00 N | 46.18 1.06 0.00 N | 48.32 1.14 0.00 N | 51.82 1.03 0.00 N | 56.63 0.76 0.00 N | 42.16 0.40 0.00 N | 49.00 0.85 0.00 N | 46.98 1.13 0.00 N | 53.80 1.83 0.00 N | 51.95 1.57 0.00 N | 54.50 2.07 0.00 N | 53.05 1.91 0.00 N | 44.56 1.59 0.00 N |
| HQ_GEN_CHAT DC 23651 | 49.06 -0.29 0.00 N | 38.60 -0.14 0.00 N | 28.71 -0.07 0.00 N | 24.69 -0.05 0.00 N | 24.85 -0.10 0.00 N | 25.21 -0.13 0.00 N | 41.95 -0.27 0.00 N | 36.55 -0.46 0.00 N | 36.33 -0.41 0.00 N | 33.35 -0.34 0.00 N | 40.63 -0.40 0.00 N | 48.00 -0.44 0.00 N | 44.69 -0.44 0.00 N | 46.73 -0.44 0.00 N | 50.31 -0.48 0.00 N | 55.34 -0.53 0.00 N | 41.35 -0.42 0.00 N | 47.71 -0.44 0.00 N | 45.54 -0.32 0.00 N | 51.62 -0.35 0.00 N | 49.94 -0.44 0.00 N | 55.16 -0.21 -2.38 N | 50.96 -0.18 0.00 N | 42.88 -0.09 0.00 N |
| HUDAV+59+74_TH_GRP 23620 | 51.75 2.39 0.00 N | 40.26 1.52 0.00 N | 29.77 0.99 0.00 N | 25.54 0.80 0.00 N | 25.75 0.80 0.00 N | 26.32 0.99 0.00 N | 44.50 2.29 0.00 N | 64.65 2.44 -25.20 N | 44.14 2.42 -4.98 N | 63.65 2.40 -27.57 N | 69.21 3.06 -25.11 N | 66.34 3.47 -14.42 N | 74.83 3.33 -26.38 N | 78.66 3.70 -27.79 N | 67.30 3.95 -12.56 N | 75.78 4.68 -15.23 N | 75.68 3.68 -30.23 N | 65.20 3.96 -13.09 N | 56.72 3.54 -7.33 N | 56.97 3.80 -1.20 N | 55.50 3.93 -1.19 N | 56.63 3.69 -0.51 N | 54.63 3.12 -0.37 N | 50.92 2.20 -5.75 N |
| HUDSON AVE_GT_3 23810 | 51.75 2.39 0.00 N | 40.26 1.52 0.00 N | 29.77 0.99 0.00 N | 25.54 0.80 0.00 N | 25.75 0.80 0.00 N | 26.32 0.99 0.00 N | 44.50 2.29 0.00 N | 64.65 2.44 -25.20 N | 44.14 2.42 -4.98 N | 63.65 2.40 -27.57 N | 69.21 3.06 -25.11 N | 66.34 3.47 -14.42 N | 74.83 3.33 -26.38 N | 78.66 3.70 -27.79 N | 67.30 3.95 -12.56 N | 75.78 4.68 -15.23 N | 75.68 3.68 -30.23 N | 65.20 3.96 -13.09 N | 56.72 3.54 -7.33 N | 56.97 3.80 -1.20 N | 55.50 3.93 -1.19 N | 56.63 3.69 -0.51 N | 54.63 3.12 -0.37 N | 50.92 2.20 -5.75 N |
| HUDSON AVE_GT_4 23540 | 51.75 2.39 0.00 N | 40.26 1.52 0.00 N | 29.77 0.99 0.00 N | 25.54 0.80 0.00 N | 25.75 0.80 0.00 N | 26.32 0.99 0.00 N | 44.50 2.29 0.00 N | 64.65 2.44 -25.20 N | 44.14 2.42 -4.98 N | 63.65 2.40 -27.57 N | 69.21 3.06 -25.11 N | 66.34 3.47 -14.42 N | 74.83 3.33 -26.38 N | 78.66 3.70 -27.79 N | 67.30 3.95 -12.56 N | 75.78 4.68 -15.23 N | 75.68 3.68 -30.23 N | 65.20 3.96 -13.09 N | 56.72 3.54 -7.33 N | 56.97 3.80 -1.20 N | 55.50 3.93 -1.19 N | 56.63 3.69 -0.51 N | 54.63 3.12 -0.37 N | 50.92 2.20 -5.75 N |
| HUDSON AVE_GT_5 23657 | 51.75 2.39 0.00 N | 40.26 1.52 0.00 N | 29.77 0.99 0.00 N | 25.54 0.80 0.00 N | 25.75 0.80 0.00 N | 26.32 0.99 0.00 N | 44.50 2.29 0.00 N | 64.65 2.44 -25.20 N | 44.14 2.42 -4.98 N | 63.65 2.40 -27.57 N | 69.21 3.06 -25.11 N | 66.34 3.47 -14.42 N | 74.83 3.33 -26.38 N | 78.66 3.70 -27.79 N | 67.30 3.95 -12.56 N | 75.78 4.68 -15.23 N | 75.68 3.68 -30.23 N | 65.20 3.96 -13.09 N | 56.72 3.54 -7.33 N | 56.97 3.80 -1.20 N | 55.50 3.93 -1.19 N | 56.63 3.69 -0.51 N | 54.63 3.12 -0.37 N | 50.92 2.20 -5.75 N |
| HUDSON AVE_10 24168 | 51.40 2.04 0.00 N | 40.00 1.26 0.00 N | 29.56 0.77 0.00 N | 25.35 0.61 0.00 N | 25.57 0.62 0.00 N | 26.15 0.82 0.00 N | 44.20 1.99 0.00 N | 64.42 2.21 -25.20 N | 43.88 2.16 -4.98 N | 63.43 2.18 -27.57 N | 68.86 2.71 -25.11 N | 65.92 3.05 -14.42 N | 74.42 2.92 -26.38 N | 78.25 3.29 -27.79 N | 66.87 3.52 -12.56 N | 75.25 4.15 -15.23 N | 75.28 3.28 -30.23 N | 64.74 3.49 -13.09 N | 56.29 3.11 -7.33 N | 56.49 3.32 -1.20 N | 55.04 3.47 -1.19 N | 56.14 3.21 -0.51 N | 54.25 2.74 -0.37 N | 50.59 1.88 -5.75 N |
| HUNTLEY___63 23557 | 45.06 -4.30 0.00 N | 35.18 -3.56 0.00 N | 26.57 -2.22 0.00 N | 22.98 -1.76 0.00 N | 23.04 -1.91 0.00 N | 23.21 -2.13 0.00 N | 38.11 -4.11 0.00 N | 33.41 -3.61 0.00 N | 32.92 -3.81 0.00 N | 30.42 -3.27 0.00 N | 37.32 -3.72 0.00 N | 44.03 -4.41 0.00 N | 40.98 -4.14 0.00 N | 42.92 -4.25 0.00 N | 46.35 -4.44 0.00 N | 51.13 -4.74 0.00 N | 38.36 -3.41 0.00 N | 43.84 -4.31 0.00 N | 41.55 -4.31 0.00 N | 46.36 -5.61 0.00 N | 44.56 -5.82 0.00 N | 46.82 -5.61 0.00 N | 46.00 -5.14 0.00 N | 38.96 -4.01 0.00 N |
| HUNTLEY___64 23558 | 45.06 -4.30 0.00 N | 35.18 -3.56 0.00 N | 26.57 -2.22 0.00 N | 22.98 -1.76 0.00 N | 23.04 -1.91 0.00 N | 23.21 -2.13 0.00 N | 38.11 -4.11 0.00 N | 33.41 -3.61 0.00 N | 32.92 -3.81 0.00 N | 30.42 -3.27 0.00 N | 37.32 -3.72 0.00 N | 44.03 -4.41 0.00 N | 40.98 -4.14 0.00 N | 42.92 -4.25 0.00 N | 46.35 -4.44 0.00 N | 51.13 -4.74 0.00 N | 38.36 -3.41 0.00 N | 43.84 -4.31 0.00 N | 41.55 -4.31 0.00 N | 46.36 -5.61 0.00 N | 44.56 -5.82 0.00 N | 46.82 -5.61 0.00 N | 46.00 -5.14 0.00 N | 38.96 -4.01 0.00 N |
| HUNTLEY___65 23559 | 45.06 -4.30 0.00 N | 35.18 -3.56 0.00 N | 26.57 -2.22 0.00 N | 22.98 -1.76 0.00 N | 23.04 -1.91 0.00 N | 23.21 -2.13 0.00 N | 38.11 -4.11 0.00 N | 33.41 -3.61 0.00 N | 32.92 -3.81 0.00 N | 30.42 -3.27 0.00 N | 37.32 -3.72 0.00 N | 44.03 -4.41 0.00 N | 40.98 -4.14 0.00 N | 42.92 -4.25 0.00 N | 46.35 -4.44 0.00 N | 51.13 -4.74 0.00 N | 38.36 -3.41 0.00 N | 43.84 -4.31 0.00 N | 41.55 -4.31 0.00 N | 46.36 -5.61 0.00 N | 44.56 -5.82 0.00 N | 46.82 -5.61 0.00 N | 46.00 -5.14 0.00 N | 38.96 -4.01 0.00 N |
| HUNTLEY___66 23560 | 45.06 -4.30 0.00 N | 35.18 -3.56 0.00 N | 26.57 -2.22 0.00 N | 22.98 -1.76 0.00 N | 23.04 -1.91 0.00 N | 23.21 -2.13 0.00 N | 38.11 -4.11 0.00 N | 33.41 -3.61 0.00 N | 32.92 -3.81 0.00 N | 30.42 -3.27 0.00 N | 37.32 -3.72 0.00 N | 44.03 -4.41 0.00 N | 40.98 -4.14 0.00 N | 42.92 -4.25 0.00 N | 46.35 -4.44 0.00 N | 51.13 -4.74 0.00 N | 38.36 -3.41 0.00 N | 43.84 -4.31 0.00 N | 41.55 -4.31 0.00 N | 46.36 -5.61 0.00 N | 44.56 -5.82 0.00 N | 46.82 -5.61 0.00 N | 46.00 -5.14 0.00 N | 38.96 -4.01 0.00 N |
| HUNTLEY___67 23561 | 44.41 -4.95 0.00 N | 34.74 -4.00 0.00 N | 26.23 -2.55 0.00 N | 22.68 -2.06 0.00 N | 22.75 -2.19 0.00 N | 22.96 -2.38 0.00 N | 37.69 -4.53 0.00 N | 32.99 -4.03 0.00 N | 32.45 -4.29 0.00 N | 29.98 -3.71 0.00 N | 36.76 -4.27 0.00 N | 43.39 -5.06 0.00 N | 40.38 -4.75 0.00 N | 42.29 -4.89 0.00 N | 45.67 -5.12 0.00 N | 50.44 -5.43 0.00 N | 37.90 -3.86 0.00 N | 43.31 -4.84 0.00 N | 41.07 -4.79 0.00 N | 45.80 -6.17 0.00 N | 44.00 -6.39 0.00 N | 46.21 -6.22 0.00 N | 45.46 -5.68 0.00 N | 38.59 -4.38 0.00 N |

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| HUNTLEY___68 23562 | 44.41 -4.95 0.00 N | 34.74 -4.00 0.00 N | 26.23 -2.55 0.00 N | 22.68 -2.06 0.00 N | 22.75 -2.19 0.00 N | 22.96 -2.38 0.00 N | 37.69 -4.53 0.00 N | 32.99 -4.03 0.00 N | 32.45 -4.29 0.00 N | 29.97 -3.71 0.00 N | 36.76 -4.28 0.00 N | 43.38 -5.06 0.00 N | 40.38 -4.75 0.00 N | 42.29 -4.89 0.00 N | 45.67 -5.12 0.00 N | 50.43 -5.43 0.00 N | 37.90 -3.86 0.00 N | 43.31 -4.84 0.00 N | 41.07 -4.79 0.00 N | 45.80 -6.17 0.00 N | 43.99 -6.39 0.00 N | 46.21 -6.22 0.00 N | 45.46 -5.68 0.00 N | 38.59 -4.38 0.00 N |
| INDECK___CORINTH 23802 | 54.62 5.26 0.00 N | 43.20 4.46 0.00 N | 31.81 3.03 0.00 N | 27.24 2.50 0.00 N | 27.71 2.77 0.00 N | 28.00 2.67 0.00 N | 46.51 4.29 0.00 N | 40.78 3.77 0.00 N | 40.64 3.90 0.00 N | 37.05 3.37 0.00 N | 44.60 3.56 0.00 N | 53.17 4.72 0.00 N | 49.45 4.32 0.00 N | 50.92 3.74 0.00 N | 54.62 3.83 0.00 N | 59.57 3.70 0.00 N | 44.06 2.30 0.00 N | 51.46 3.31 0.00 N | 49.38 3.52 0.00 N | 56.73 4.76 0.00 N | 55.07 4.69 0.00 N | 57.44 5.01 0.00 N | 56.12 4.98 0.00 N | 47.02 4.05 0.00 N |
| INDECK___ILION 23567 | 50.97 1.61 0.00 N | 40.00 1.26 0.00 N | 29.63 0.84 0.00 N | 25.46 0.72 0.00 N | 25.72 0.77 0.00 N | 26.14 0.81 0.00 N | 43.65 1.44 0.00 N | 38.52 1.51 0.00 N | 38.22 1.48 0.00 N | 35.04 1.35 0.00 N | 42.64 1.61 0.00 N | 50.37 1.92 0.00 N | 46.93 1.80 0.00 N | 48.96 1.79 0.00 N | 52.72 1.93 0.00 N | 58.02 2.15 0.00 N | 43.38 1.62 0.00 N | 50.03 1.87 0.00 N | 47.60 1.74 0.00 N | 54.03 2.06 0.00 N | 52.53 2.14 0.00 N | 54.45 2.02 0.00 N | 52.94 1.80 0.00 N | 44.29 1.32 0.00 N |
| INDECK___OLEAN 23982 | 45.55 -3.81 0.00 N | 35.61 -3.13 0.00 N | 26.62 -2.17 0.00 N | 22.92 -1.82 0.00 N | 23.02 -1.93 0.00 N | 23.56 -1.78 0.00 N | 39.31 -2.91 0.00 N | 34.76 -2.25 0.00 N | 34.43 -2.31 0.00 N | 31.84 -1.84 0.00 N | 39.11 -1.92 0.00 N | 46.05 -2.39 0.00 N | 43.14 -1.98 0.00 N | 45.53 -1.65 0.00 N | 49.22 -1.57 0.00 N | 55.02 -0.85 0.00 N | 41.48 -0.29 0.00 N | 47.16 -0.99 0.00 N | 44.63 -1.23 0.00 N | 49.92 -2.05 0.00 N | 48.12 -2.26 0.00 N | 49.99 -2.44 0.00 N | 48.08 -3.06 0.00 N | 39.97 -3.00 0.00 N |
| INDECK___OSWEGO 23783 | 48.34 -1.02 0.00 N | 37.89 -0.85 0.00 N | 28.20 -0.59 0.00 N | 24.25 -0.49 0.00 N | 24.44 -0.51 0.00 N | 24.84 -0.50 0.00 N | 41.39 -0.82 0.00 N | 36.22 -0.79 0.00 N | 35.93 -0.80 0.00 N | 32.91 -0.77 0.00 N | 40.06 -0.97 0.00 N | 47.29 -1.15 0.00 N | 44.06 -1.07 0.00 N | 46.12 -1.05 0.00 N | 49.63 -1.16 0.00 N | 54.53 -1.34 0.00 N | 40.71 -1.05 0.00 N | 47.02 -1.13 0.00 N | 44.78 -1.07 0.00 N | 50.74 -1.23 0.00 N | 49.09 -1.29 0.00 N | 51.22 -1.21 0.00 N | 49.94 -1.20 0.00 N | 42.04 -0.93 0.00 N |
| INDECK___YERKES 23781 | 45.04 -4.32 0.00 N | 35.17 -3.57 0.00 N | 26.56 -2.22 0.00 N | 22.98 -1.77 0.00 N | 23.03 -1.92 0.00 N | 23.20 -2.14 0.00 N | 38.08 -4.13 0.00 N | 33.39 -3.63 0.00 N | 32.90 -3.84 0.00 N | 30.39 -3.29 0.00 N | 37.28 -3.75 0.00 N | 44.00 -4.45 0.00 N | 40.95 -4.18 0.00 N | 42.88 -4.29 0.00 N | 46.31 -4.48 0.00 N | 51.07 -4.79 0.00 N | 38.32 -3.45 0.00 N | 43.79 -4.36 0.00 N | 41.51 -4.35 0.00 N | 46.31 -5.66 0.00 N | 44.51 -5.87 0.00 N | 46.78 -5.66 0.00 N | 45.96 -5.18 0.00 N | 38.93 -4.04 0.00 N |
| INDIAN POINT_GT_1 24139 | 50.79 1.43 0.00 N | 39.60 0.86 0.00 N | 29.33 0.55 0.00 N | 25.20 0.46 0.00 N | 25.38 0.43 0.00 N | 25.91 0.57 0.00 N | 43.63 1.42 0.00 N | 38.66 1.64 0.00 N | 38.37 1.63 0.00 N | 35.34 1.66 0.00 N | 43.21 2.18 0.00 N | 50.91 2.46 0.00 N | 47.50 2.38 0.00 N | 49.84 2.67 0.00 N | 53.67 2.88 0.00 N | 59.33 3.46 0.00 N | 44.54 2.77 0.00 N | 51.09 2.94 0.00 N | 48.46 2.60 0.00 N | 54.70 2.73 0.00 N | 53.20 2.82 0.00 N | 54.94 2.51 0.00 N | 53.15 2.01 0.00 N | 44.31 1.34 0.00 N |
| INDIAN POINT_GT_2 23659 | 50.79 1.43 0.00 N | 39.60 0.86 0.00 N | 29.33 0.55 0.00 N | 25.20 0.46 0.00 N | 25.38 0.43 0.00 N | 25.91 0.57 0.00 N | 43.63 1.42 0.00 N | 38.66 1.64 0.00 N | 38.37 1.63 0.00 N | 35.34 1.66 0.00 N | 43.21 2.18 0.00 N | 50.91 2.46 0.00 N | 47.50 2.38 0.00 N | 49.84 2.67 0.00 N | 53.67 2.88 0.00 N | 59.33 3.46 0.00 N | 44.54 2.77 0.00 N | 51.09 2.94 0.00 N | 48.46 2.60 0.00 N | 54.70 2.73 0.00 N | 53.20 2.82 0.00 N | 54.94 2.51 0.00 N | 53.15 2.01 0.00 N | 44.31 1.34 0.00 N |
| INDIAN POINT_GT_3 24019 | 50.79 1.43 0.00 N | 39.60 0.86 0.00 N | 29.33 0.55 0.00 N | 25.20 0.46 0.00 N | 25.38 0.43 0.00 N | 25.91 0.57 0.00 N | 43.63 1.42 0.00 N | 38.66 1.64 0.00 N | 38.37 1.63 0.00 N | 35.34 1.66 0.00 N | 43.21 2.18 0.00 N | 50.91 2.46 0.00 N | 47.50 2.38 0.00 N | 49.84 2.67 0.00 N | 53.67 2.88 0.00 N | 59.33 3.46 0.00 N | 44.54 2.77 0.00 N | 51.09 2.94 0.00 N | 48.46 2.60 0.00 N | 54.70 2.73 0.00 N | 53.20 2.82 0.00 N | 54.94 2.51 0.00 N | 53.15 2.01 0.00 N | 44.31 1.34 0.00 N |
| INDIAN POINT___2 23530 | 50.47 1.11 0.00 N | 39.34 0.60 0.00 N | 29.12 0.34 0.00 N | 25.01 0.26 0.00 N | 25.20 0.25 0.00 N | 25.75 0.41 0.00 N | 43.37 1.15 0.00 N | 38.45 1.43 0.00 N | 38.15 1.41 0.00 N | 35.15 1.46 0.00 N | 42.98 1.95 0.00 N | 50.63 2.19 0.00 N | 47.25 2.12 0.00 N | 49.59 2.42 0.00 N | 53.41 2.62 0.00 N | 59.03 3.17 0.00 N | 44.32 2.55 0.00 N | 50.83 2.68 0.00 N | 48.21 2.36 0.00 N | 54.41 2.44 0.00 N | 52.91 2.53 0.00 N | 54.64 2.21 0.00 N | 52.83 1.69 0.00 N | 44.04 1.07 0.00 N |
| INDIAN POINT___3 23531 | 50.38 1.02 0.00 N | 39.29 0.55 0.00 N | 29.09 0.31 0.00 N | 24.98 0.24 0.00 N | 25.18 0.23 0.00 N | 25.71 0.37 0.00 N | 43.27 1.06 0.00 N | 38.36 1.34 0.00 N | 38.04 1.30 0.00 N | 35.06 1.38 0.00 N | 42.87 1.84 0.00 N | 50.50 2.06 0.00 N | 47.12 2.00 0.00 N | 49.44 2.27 0.00 N | 53.24 2.46 0.00 N | 58.84 2.98 0.00 N | 44.18 2.41 0.00 N | 50.68 2.53 0.00 N | 48.08 2.22 0.00 N | 54.27 2.30 0.00 N | 52.77 2.39 0.00 N | 54.50 2.07 0.00 N | 52.73 1.59 0.00 N | 43.98 1.01 0.00 N |
| INDIAN PT_GT_GRP 23687 | 50.79 1.43 0.00 N | 39.60 0.86 0.00 N | 29.33 0.55 0.00 N | 25.20 0.46 0.00 N | 25.38 0.43 0.00 N | 25.91 0.57 0.00 N | 43.63 1.42 0.00 N | 38.66 1.64 0.00 N | 38.37 1.63 0.00 N | 35.34 1.66 0.00 N | 43.21 2.18 0.00 N | 50.91 2.46 0.00 N | 47.50 2.38 0.00 N | 49.84 2.67 0.00 N | 53.67 2.88 0.00 N | 59.33 3.46 0.00 N | 44.54 2.77 0.00 N | 51.09 2.94 0.00 N | 48.46 2.60 0.00 N | 54.70 2.73 0.00 N | 53.20 2.82 0.00 N | 54.94 2.51 0.00 N | 53.15 2.01 0.00 N | 44.31 1.34 0.00 N |
| IP CORINTH___1 23988 | 54.62 5.26 0.00 N | 43.20 4.46 0.00 N | 31.81 3.03 0.00 N | 27.24 2.50 0.00 N | 27.71 2.77 0.00 N | 28.00 2.67 0.00 N | 46.51 4.29 0.00 N | 40.78 3.77 0.00 N | 40.64 3.90 0.00 N | 37.05 3.37 0.00 N | 44.60 3.56 0.00 N | 53.17 4.72 0.00 N | 49.45 4.32 0.00 N | 50.92 3.74 0.00 N | 54.62 3.83 0.00 N | 59.57 3.70 0.00 N | 44.06 2.30 0.00 N | 51.46 3.31 0.00 N | 49.38 3.52 0.00 N | 56.73 4.76 0.00 N | 55.07 4.69 0.00 N | 57.44 5.01 0.00 N | 56.12 4.98 0.00 N | 47.02 4.05 0.00 N |

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| IP__TICONDEROGA 23804 | 56.95 7.59 0.00 N | 45.53 6.79 0.00 N | 33.46 4.67 0.00 N | 28.65 3.90 0.00 N | 29.27 4.32 0.00 N | 29.30 3.96 0.00 N | 47.59 5.37 0.00 N | 41.67 4.66 0.00 N | 41.57 4.83 0.00 N | 37.81 4.12 0.00 N | 45.45 4.41 0.00 N | 54.86 6.42 0.00 N | 50.96 5.83 0.00 N | 52.02 4.85 0.00 N | 55.79 5.00 0.00 N | 61.01 5.15 0.00 N | 44.92 3.15 0.00 N | 52.22 4.07 0.00 N | 50.06 4.20 0.00 N | 57.44 5.47 0.00 N | 55.41 5.03 0.00 N | 57.85 5.42 0.00 N | 56.99 5.85 0.00 N | 48.15 5.18 0.00 N |
| JARVIS____ 23743 | 49.68 0.32 0.00 N | 38.99 0.24 0.00 N | 28.97 0.18 0.00 N | 24.91 0.17 0.00 N | 25.11 0.16 0.00 N | 25.49 0.15 0.00 N | 42.48 0.27 0.00 N | 37.32 0.31 0.00 N | 37.02 0.28 0.00 N | 33.94 0.25 0.00 N | 41.34 0.30 0.00 N | 48.80 0.35 0.00 N | 45.46 0.33 0.00 N | 47.50 0.33 0.00 N | 51.14 0.35 0.00 N | 56.27 0.40 0.00 N | 42.07 0.30 0.00 N | 48.49 0.34 0.00 N | 46.17 0.31 0.00 N | 52.34 0.37 0.00 N | 50.79 0.41 0.00 N | 52.79 0.36 0.00 N | 51.46 0.32 0.00 N | 43.21 0.24 0.00 N |
| JENNISON____1 23625 | 50.52 1.16 0.00 N | 39.59 0.85 0.00 N | 29.42 0.63 0.00 N | 25.32 0.58 0.00 N | 25.50 0.55 0.00 N | 25.92 0.58 0.00 N | 43.38 1.16 0.00 N | 38.36 1.35 0.00 N | 38.17 1.43 0.00 N | 35.12 1.44 0.00 N | 42.88 1.84 0.00 N | 50.58 2.13 0.00 N | 47.15 2.03 0.00 N | 49.44 2.27 0.00 N | 53.30 2.51 0.00 N | 58.75 2.88 0.00 N | 43.97 2.21 0.00 N | 50.52 2.36 0.00 N | 47.92 2.07 0.00 N | 54.14 2.17 0.00 N | 52.50 2.12 0.00 N | 54.57 2.14 0.00 N | 52.89 1.75 0.00 N | 44.12 1.15 0.00 N |
| JENNISON____2 23626 | 50.47 1.12 0.00 N | 39.56 0.82 0.00 N | 29.37 0.58 0.00 N | 25.29 0.55 0.00 N | 25.48 0.53 0.00 N | 25.90 0.56 0.00 N | 43.33 1.12 0.00 N | 38.32 1.31 0.00 N | 38.13 1.39 0.00 N | 35.08 1.39 0.00 N | 42.82 1.78 0.00 N | 50.51 2.06 0.00 N | 47.09 1.96 0.00 N | 49.37 2.20 0.00 N | 53.22 2.44 0.00 N | 58.67 2.80 0.00 N | 43.91 2.15 0.00 N | 50.45 2.30 0.00 N | 47.86 2.01 0.00 N | 54.08 2.11 0.00 N | 52.45 2.07 0.00 N | 54.51 2.08 0.00 N | 52.83 1.69 0.00 N | 44.08 1.10 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 55.42 3.38 -2.68 N | 41.77 2.33 -0.69 N | 30.25 1.47 0.00 N | 25.97 1.22 0.00 N | 26.15 1.21 0.00 N | 26.78 1.45 0.00 N | 49.56 3.05 -4.29 N | 56.21 2.81 -16.39 N | 57.62 2.40 -18.48 N | 59.95 2.29 -23.97 N | 59.37 2.86 -15.47 N | 95.60 3.37 -43.79 N | 75.75 3.20 -27.43 N | 76.38 2.99 -26.22 N | 79.15 3.50 -24.87 N | 80.62 4.05 -20.70 N | 60.34 3.18 -15.39 N | 58.27 3.33 -6.78 N | 58.49 2.93 -9.71 N | 58.01 2.93 -3.10 N | 60.37 3.15 -6.83 N | 63.71 3.25 -8.03 N | 59.80 3.05 -5.61 N | 57.35 2.40 -11.97 N |
| KEDC PORT_JEFF_GT3 24211 | 55.42 3.38 -2.68 N | 41.77 2.33 -0.69 N | 30.25 1.47 0.00 N | 25.97 1.22 0.00 N | 26.15 1.21 0.00 N | 26.78 1.45 0.00 N | 49.56 3.05 -4.29 N | 56.21 2.81 -16.39 N | 57.62 2.40 -18.48 N | 59.95 2.29 -23.97 N | 59.37 2.86 -15.47 N | 95.60 3.37 -43.79 N | 75.75 3.20 -27.43 N | 76.38 2.99 -26.22 N | 79.15 3.50 -24.87 N | 80.62 4.05 -20.70 N | 60.34 3.18 -15.39 N | 58.27 3.33 -6.78 N | 58.49 2.93 -9.71 N | 58.01 2.93 -3.10 N | 60.37 3.15 -6.83 N | 63.71 3.25 -8.03 N | 59.80 3.05 -5.61 N | 57.35 2.40 -11.97 N |
| KEDC_GLWD_GRP 24221 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| KEDC_GLWD_GT4 24219 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| KEDC_GLWD_GT5 24220 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.53 3.82 -9.85 N | 59.32 4.25 -3.10 N | 62.69 4.46 -7.85 N | 64.90 4.33 -8.14 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| KENSICO____ 23655 | 51.18 1.82 0.00 N | 39.89 1.15 0.00 N | 29.50 0.72 0.00 N | 25.31 0.57 0.00 N | 25.53 0.59 0.00 N | 26.09 0.75 0.00 N | 43.97 1.76 0.00 N | 38.96 1.95 0.00 N | 38.67 1.93 0.00 N | 35.62 1.93 0.00 N | 43.54 2.51 0.00 N | 51.29 2.85 0.00 N | 47.86 2.74 0.00 N | 50.21 3.04 0.00 N | 54.07 3.28 0.00 N | 59.77 3.90 0.00 N | 44.86 3.10 0.00 N | 51.46 3.31 0.00 N | 48.81 2.96 0.00 N | 55.11 3.14 0.00 N | 53.61 3.23 0.00 N | 55.38 2.95 0.00 N | 53.58 2.44 0.00 N | 44.67 1.70 0.00 N |
| KIAC_JFK_AIRPORT 23541 | 51.16 1.80 0.00 N | 39.83 1.09 0.00 N | 29.45 0.66 0.00 N | 25.27 0.53 0.00 N | 25.47 0.52 0.00 N | 26.05 0.71 0.00 N | 65.50 1.80 -21.48 N | 80.38 2.08 -41.28 N | 81.61 2.07 -42.80 N | 127.47 2.15 -91.63 N | 126.66 2.48 -83.15 N | 107.61 2.79 -56.38 N | 84.73 2.64 -36.97 N | 122.39 3.06 -72.16 N | 119.15 3.12 -65.24 N | 86.99 3.57 -27.55 N | 111.32 2.82 -66.74 N | 108.01 2.94 -56.92 N | 129.23 2.60 -80.77 N | 107.18 2.75 -52.46 N | 133.54 2.94 -80.21 N | 129.27 2.64 -74.20 N | 100.92 2.36 -47.42 N | 76.71 1.55 -32.19 N |
| KIAC_JFK_GT1 23816 | 51.16 1.80 0.00 N | 39.83 1.09 0.00 N | 29.45 0.66 0.00 N | 25.27 0.53 0.00 N | 25.47 0.52 0.00 N | 26.05 0.71 0.00 N | 65.50 1.80 -21.48 N | 80.38 2.08 -41.28 N | 81.61 2.07 -42.80 N | 127.47 2.15 -91.63 N | 126.66 2.48 -83.15 N | 107.61 2.79 -56.38 N | 84.73 2.64 -36.97 N | 122.39 3.06 -72.16 N | 119.15 3.12 -65.24 N | 86.99 3.57 -27.55 N | 111.32 2.82 -66.74 N | 108.01 2.94 -56.92 N | 129.23 2.60 -80.77 N | 107.18 2.75 -52.46 N | 133.54 2.94 -80.21 N | 129.27 2.64 -74.20 N | 100.92 2.36 -47.42 N | 76.71 1.55 -32.19 N |
| KIAC_JFK_GT2 23817 | 51.16 1.80 0.00 N | 39.83 1.09 0.00 N | 29.45 0.66 0.00 N | 25.27 0.53 0.00 N | 25.47 0.52 0.00 N | 26.05 0.71 0.00 N | 65.50 1.80 -21.48 N | 80.38 2.08 -41.28 N | 81.61 2.07 -42.80 N | 127.47 2.15 -91.63 N | 126.66 2.48 -83.15 N | 107.61 2.79 -56.38 N | 84.73 2.64 -36.97 N | 122.39 3.06 -72.16 N | 119.15 3.12 -65.24 N | 86.99 3.57 -27.55 N | 111.32 2.82 -66.74 N | 108.01 2.94 -56.92 N | 129.23 2.60 -80.77 N | 107.18 2.75 -52.46 N | 133.54 2.94 -80.21 N | 129.27 2.64 -74.20 N | 100.92 2.36 -47.42 N | 76.71 1.55 -32.19 N |

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| KINTIGH____ 23543 | 43.70 -5.66 0.00 N | 34.31 -4.43 0.00 N | 25.87 -2.92 0.00 N | 22.42 -2.32 0.00 N | 22.42 -2.53 0.00 N | 22.63 -2.71 0.00 N | 37.13 -5.09 0.00 N | 32.39 -4.62 0.00 N | 31.85 -4.89 0.00 N | 29.40 -4.29 0.00 N | 36.23 -4.81 0.00 N | 42.77 -5.68 0.00 N | 39.79 -5.34 0.00 N | 41.71 -5.46 0.00 N | 45.05 -5.74 0.00 N | 49.83 -6.03 0.00 N | 37.51 -4.26 0.00 N | 42.84 -5.31 0.00 N | 40.63 -5.23 0.00 N | 45.24 -6.73 0.00 N | 43.40 -6.99 0.00 N | 45.52 -6.92 0.00 N | 44.81 -6.33 0.00 N | 37.99 -4.98 0.00 N |
| LEDERLE____ 23769 | 50.30 0.94 0.00 N | 39.21 0.47 0.00 N | 29.07 0.29 0.00 N | 24.97 0.23 0.00 N | 25.13 0.18 0.00 N | 25.69 0.35 0.00 N | 43.17 0.95 0.00 N | 38.41 1.40 0.00 N | 38.20 1.46 0.00 N | 35.25 1.56 0.00 N | 43.15 2.12 0.00 N | 50.79 2.34 0.00 N | 47.39 2.27 0.00 N | 49.73 2.56 0.00 N | 53.62 2.83 0.00 N | 59.21 3.34 0.00 N | 44.60 2.84 0.00 N | 51.16 3.01 0.00 N | 48.53 2.67 0.00 N | 54.64 2.67 0.00 N | 53.08 2.70 0.00 N | 54.74 2.31 0.00 N | 52.84 1.70 0.00 N | 44.02 1.05 0.00 N |
| LINDEN COGEN____ 23786 | 51.47 2.12 0.00 N | 40.04 1.30 0.00 N | 29.64 0.86 0.00 N | 25.46 0.72 0.00 N | 25.63 0.68 0.00 N | 26.19 0.85 0.00 N | 44.27 2.06 0.00 N | 64.46 2.25 0.00 N | 43.92 2.20 0.00 N | 63.45 2.20 0.00 N | 69.00 2.85 0.00 N | 66.06 3.20 0.00 N | 74.58 3.08 0.00 N | 78.41 3.45 0.00 N | 67.01 3.66 0.00 N | 75.47 4.37 0.00 N | 75.40 3.40 0.00 N | 64.88 3.63 0.00 N | 56.40 3.22 0.00 N | 56.61 3.44 0.00 N | 55.14 3.57 0.00 N | 56.25 3.32 0.00 N | 54.27 2.76 0.00 N | 50.63 1.91 0.00 N |
| LIPA_MISC_IPP 23656 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| LITTLE FALLS____HYD 24013 | 52.79 3.43 0.00 N | 41.42 2.67 0.00 N | 30.54 1.76 0.00 N | 26.23 1.49 0.00 N | 26.58 1.63 0.00 N | 27.06 1.72 0.00 N | 45.31 3.09 0.00 N | 40.35 3.33 0.00 N | 40.00 3.26 0.00 N | 36.70 3.01 0.00 N | 44.64 3.60 0.00 N | 52.77 4.32 0.00 N | 49.18 4.06 0.00 N | 51.18 4.01 0.00 N | 55.16 4.37 0.00 N | 60.78 4.91 0.00 N | 45.49 3.73 0.00 N | 52.42 4.27 0.00 N | 49.82 3.96 0.00 N | 56.59 4.62 0.00 N | 55.21 4.83 0.00 N | 56.94 4.51 0.00 N | 55.12 3.98 0.00 N | 45.84 2.87 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 48.43 -0.93 0.00 N | 37.94 -0.80 0.00 N | 28.24 -0.55 0.00 N | 24.27 -0.47 0.00 N | 24.47 -0.48 0.00 N | 24.88 -0.45 0.00 N | 41.49 -0.73 0.00 N | 36.32 -0.69 0.00 N | 36.04 -0.70 0.00 N | 33.01 -0.67 0.00 N | 40.18 -0.85 0.00 N | 47.43 -1.02 0.00 N | 44.18 -0.94 0.00 N | 46.24 -0.93 0.00 N | 49.78 -1.00 0.00 N | 54.71 -1.16 0.00 N | 40.85 -0.91 0.00 N | 47.20 -0.95 0.00 N | 44.95 -0.91 0.00 N | 50.94 -1.03 0.00 N | 49.28 -1.10 0.00 N | 51.43 -1.00 0.00 N | 50.13 -1.01 0.00 N | 42.19 -0.78 0.00 N |
| LOVETT____3 23632 | 50.09 0.74 0.00 N | 39.01 0.27 0.00 N | 29.03 0.24 0.00 N | 24.95 0.21 0.00 N | 25.10 0.16 0.00 N | 25.64 0.31 0.00 N | 42.99 0.77 0.00 N | 38.16 1.14 0.00 N | 37.95 1.21 0.00 N | 35.04 1.36 0.00 N | 42.86 1.83 0.00 N | 50.36 1.91 0.00 N | 46.96 1.84 0.00 N | 49.24 2.07 0.00 N | 53.08 2.29 0.00 N | 58.55 2.69 0.00 N | 44.19 2.42 0.00 N | 50.69 2.54 0.00 N | 48.11 2.26 0.00 N | 54.13 2.16 0.00 N | 52.62 2.24 0.00 N | 54.25 1.82 0.00 N | 52.43 1.29 0.00 N | 43.79 0.82 0.00 N |
| LOVETT____4 23642 | 50.09 0.73 0.00 N | 39.01 0.26 0.00 N | 29.03 0.24 0.00 N | 24.95 0.21 0.00 N | 25.10 0.16 0.00 N | 25.64 0.31 0.00 N | 42.98 0.77 0.00 N | 38.15 1.14 0.00 N | 37.95 1.21 0.00 N | 35.05 1.36 0.00 N | 42.86 1.83 0.00 N | 50.36 1.91 0.00 N | 46.96 1.83 0.00 N | 49.24 2.06 0.00 N | 53.07 2.28 0.00 N | 58.55 2.68 0.00 N | 44.19 2.42 0.00 N | 50.69 2.54 0.00 N | 48.11 2.25 0.00 N | 54.13 2.16 0.00 N | 52.62 2.23 0.00 N | 54.24 1.81 0.00 N | 52.43 1.29 0.00 N | 43.79 0.82 0.00 N |
| LOVETT____5 23593 | 50.11 0.75 0.00 N | 39.02 0.28 0.00 N | 29.03 0.25 0.00 N | 24.95 0.21 0.00 N | 25.11 0.16 0.00 N | 25.65 0.31 0.00 N | 43.00 0.78 0.00 N | 38.17 1.15 0.00 N | 37.96 1.22 0.00 N | 35.05 1.37 0.00 N | 42.87 1.84 0.00 N | 50.38 1.93 0.00 N | 46.98 1.85 0.00 N | 49.26 2.09 0.00 N | 53.10 2.31 0.00 N | 58.59 2.72 0.00 N | 44.21 2.44 0.00 N | 50.71 2.56 0.00 N | 48.14 2.28 0.00 N | 54.16 2.19 0.00 N | 52.65 2.26 0.00 N | 54.28 1.85 0.00 N | 52.46 1.32 0.00 N | 43.81 0.84 0.00 N |
| LOWER RAQUET____HYD 24057 | 51.10 1.74 0.00 N | 40.16 1.42 0.00 N | 29.84 1.05 0.00 N | 25.58 0.84 0.00 N | 25.78 0.83 0.00 N | 26.22 0.88 0.00 N | 43.78 1.56 0.00 N | 37.44 0.42 0.00 N | 37.12 0.38 0.00 N | 33.97 0.29 0.00 N | 41.25 0.21 0.00 N | 48.75 0.30 0.00 N | 45.35 0.22 0.00 N | 47.43 0.25 0.00 N | 50.92 0.13 0.00 N | 55.78 -0.09 0.00 N | 41.51 -0.25 0.00 N | 48.21 0.06 0.00 N | 46.77 0.91 0.00 N | 53.46 1.49 0.00 N | 51.61 1.22 0.00 N | 54.04 1.61 0.00 N | 52.76 1.62 0.00 N | 44.49 1.52 0.00 N |
| LOWER____HUDSON 24059 | 55.05 5.69 0.00 N | 43.48 4.74 0.00 N | 32.11 3.32 0.00 N | 27.48 2.74 0.00 N | 27.92 2.98 0.00 N | 28.21 2.88 0.00 N | 46.99 4.78 0.00 N | 41.01 3.99 0.00 N | 40.74 4.00 0.00 N | 37.12 3.44 0.00 N | 44.69 3.65 0.00 N | 53.02 4.58 0.00 N | 49.29 4.16 0.00 N | 50.98 3.81 0.00 N | 54.73 3.94 0.00 N | 59.72 3.85 0.00 N | 44.27 2.50 0.00 N | 51.60 3.45 0.00 N | 49.46 3.60 0.00 N | 56.77 4.81 0.00 N | 55.23 4.84 0.00 N | 57.56 5.13 0.00 N | 56.42 5.28 0.00 N | 47.44 4.47 0.00 N |
| MG INDUSTRY____DRP 24185 | 53.56 4.20 0.00 N | 42.16 3.42 0.00 N | 31.19 2.40 0.00 N | 26.71 1.97 0.00 N | 27.05 2.11 0.00 N | 27.44 2.10 0.00 N | 45.67 3.46 0.00 N | 39.77 2.75 0.00 N | 39.55 2.81 0.00 N | 36.06 2.37 0.00 N | 43.52 2.49 0.00 N | 51.40 2.96 0.00 N | 47.78 2.65 0.00 N | 49.69 2.51 0.00 N | 53.35 2.56 0.00 N | 58.16 2.29 0.00 N | 43.25 1.48 0.00 N | 50.37 2.22 0.00 N | 48.25 2.39 0.00 N | 55.32 3.35 0.00 N | 53.88 3.49 0.00 N | 56.15 3.72 0.00 N | 55.01 3.87 0.00 N | 46.34 3.37 0.00 N |
| MILLIKEN____1 23584 | 45.19 -4.17 0.00 N | 35.19 -3.55 0.00 N | 26.28 -2.50 0.00 N | 23.04 -1.70 0.00 N | 23.40 -1.54 0.00 N | 23.31 -2.03 0.00 N | 38.78 -3.43 0.00 N | 34.46 -2.55 0.00 N | 34.26 -2.48 0.00 N | 31.54 -2.15 0.00 N | 38.39 -2.64 0.00 N | 45.28 -3.16 0.00 N | 42.21 -2.92 0.00 N | 44.13 -3.04 0.00 N | 47.58 -3.21 0.00 N | 52.41 -3.46 0.00 N | 39.09 -2.67 0.00 N | 44.92 -3.23 0.00 N | 42.66 -3.20 0.00 N | 48.09 -3.88 0.00 N | 46.61 -3.77 0.00 N | 48.89 -3.54 0.00 N | 47.28 -3.86 0.00 N | 39.69 -3.28 0.00 N |

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|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|
| MILLIKEN___2 23585 | 45.19 -4.17 0.00 N | 35.18 -3.57 0.00 N | 26.28 -2.50 0.00 N | 23.04 -1.70 0.00 N | 23.41 -1.54 0.00 N | 23.33 -2.00 0.00 N | 38.78 -3.43 0.00 N | 34.45 -2.56 0.00 N | 34.25 -2.49 0.00 N | 31.53 -2.16 0.00 N | 38.38 -2.66 0.00 N | 45.27 -3.18 0.00 N | 42.19 -2.93 0.00 N | 44.11 -3.06 0.00 N | 47.56 -3.23 0.00 N | 52.39 -3.48 0.00 N | 39.08 -2.68 0.00 N | 44.90 -3.25 0.00 N | 42.64 -3.22 0.00 N | 48.08 -3.89 0.00 N | 46.60 -3.78 0.00 N | 48.88 -3.55 0.00 N | 47.26 -3.88 0.00 N | 39.69 -3.28 0.00 N |
| MILLIKEN___DIESEL 23629 | 45.19 -4.17 0.00 N | 35.18 -3.57 0.00 N | 26.28 -2.50 0.00 N | 23.04 -1.70 0.00 N | 23.41 -1.54 0.00 N | 23.33 -2.00 0.00 N | 38.78 -3.43 0.00 N | 34.45 -2.56 0.00 N | 34.25 -2.49 0.00 N | 31.53 -2.16 0.00 N | 38.38 -2.66 0.00 N | 45.27 -3.18 0.00 N | 42.19 -2.93 0.00 N | 44.11 -3.06 0.00 N | 47.56 -3.23 0.00 N | 52.39 -3.48 0.00 N | 39.08 -2.68 0.00 N | 44.90 -3.25 0.00 N | 42.64 -3.22 0.00 N | 48.08 -3.89 0.00 N | 46.60 -3.78 0.00 N | 48.88 -3.55 0.00 N | 47.26 -3.88 0.00 N | 39.69 -3.28 0.00 N |
| MODEL_CITY_ENERGY 24167 | 44.76 -4.60 0.00 N | 35.06 -3.69 0.00 N | 26.46 -2.33 0.00 N | 22.81 -1.93 0.00 N | 22.89 -2.05 0.00 N | 23.11 -2.23 0.00 N | 37.94 -4.27 0.00 N | 33.19 -3.83 0.00 N | 32.68 -4.06 0.00 N | 30.16 -3.53 0.00 N | 36.96 -4.08 0.00 N | 43.63 -4.82 0.00 N | 40.57 -4.55 0.00 N | 42.43 -4.74 0.00 N | 45.82 -4.97 0.00 N | 50.51 -5.36 0.00 N | 37.93 -3.84 0.00 N | 43.39 -4.76 0.00 N | 41.15 -4.71 0.00 N | 45.93 -6.04 0.00 N | 44.13 -6.25 0.00 N | 46.41 -6.03 0.00 N | 45.76 -5.38 0.00 N | 38.90 -4.07 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 54.90 5.54 0.00 N | 43.28 4.54 0.00 N | 31.97 3.18 0.00 N | 27.35 2.61 0.00 N | 27.78 2.83 0.00 N | 28.14 2.80 0.00 N | 46.97 4.75 0.00 N | 40.93 3.92 0.00 N | 40.68 3.94 0.00 N | 37.07 3.39 0.00 N | 44.66 3.62 0.00 N | 52.87 4.42 0.00 N | 49.13 4.01 0.00 N | 50.97 3.80 0.00 N | 54.72 3.93 0.00 N | 59.64 3.78 0.00 N | 44.28 2.51 0.00 N | 51.64 3.49 0.00 N | 49.51 3.65 0.00 N | 56.83 4.86 0.00 N | 55.30 4.92 0.00 N | 57.69 5.26 0.00 N | 56.52 5.38 0.00 N | 47.53 4.56 0.00 N |
| MONGAUP___HYD 23641 | 49.50 0.14 0.00 N | 38.72 -0.03 0.00 N | 28.70 -0.08 0.00 N | 24.67 -0.07 0.00 N | 24.82 -0.12 0.00 N | 25.32 -0.01 0.00 N | 42.43 0.22 0.00 N | 37.61 0.59 0.00 N | 37.27 0.53 0.00 N | 34.30 0.62 0.00 N | 41.96 0.92 0.00 N | 49.47 1.02 0.00 N | 46.17 1.04 0.00 N | 48.41 1.24 0.00 N | 52.21 1.42 0.00 N | 57.69 1.82 0.00 N | 43.38 1.61 0.00 N | 49.76 1.61 0.00 N | 47.23 1.38 0.00 N | 53.29 1.32 0.00 N | 51.74 1.36 0.00 N | 53.42 0.99 0.00 N | 51.71 0.57 0.00 N | 43.19 0.22 0.00 N |
| MONTAUK___DIESEL 23721 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| N SALMON___HYD 24042 | 49.79 0.43 0.00 N | 39.01 0.27 0.00 N | 29.02 0.23 0.00 N | 24.95 0.21 0.00 N | 25.13 0.19 0.00 N | 25.57 0.23 0.00 N | 42.69 0.47 0.00 N | 37.10 0.09 0.00 N | 36.83 0.09 0.00 N | 33.70 0.02 0.00 N | 40.92 -0.11 0.00 N | 48.34 -0.10 0.00 N | 45.01 -0.11 0.00 N | 47.22 0.05 0.00 N | 50.77 -0.02 0.00 N | 55.60 -0.26 0.00 N | 41.40 -0.37 0.00 N | 48.01 -0.15 0.00 N | 45.84 -0.02 0.00 N | 51.99 0.03 0.00 N | 50.23 -0.15 0.00 N | 52.53 0.10 0.00 N | 51.15 0.01 0.00 N | 43.14 0.17 0.00 N |
| N.E_GEN_SANDY PD 24062 | 51.99 2.63 0.00 N | 40.98 2.24 0.00 N | 30.31 1.53 0.00 N | 25.98 1.24 0.00 N | 26.32 1.38 0.00 N | 26.65 1.32 0.00 N | 44.35 2.14 0.00 N | 38.80 1.78 0.00 N | 38.53 1.79 0.00 N | 35.19 1.51 0.00 N | 42.57 1.54 0.00 N | 50.43 1.98 0.00 N | 46.92 1.79 0.00 N | 48.73 1.56 0.00 N | 52.39 1.60 0.00 N | 57.39 1.52 0.00 N | 42.72 0.95 0.00 N | 49.52 1.37 0.00 N | 47.33 1.47 0.00 N | 54.04 2.07 0.00 N | 52.52 2.13 0.00 N | 57.28 1.91 -2.38 N | 53.45 2.31 0.00 N | 44.94 1.97 0.00 N |
| NARROWS_GT1_1 24228 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_2 24229 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_3 24230 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_4 24231 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_5 24232 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |

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| NARROWS_GT1_6 24233 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_7 24234 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_8 24235 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT1_GRP 23726 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_1 24236 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_2 24237 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_3 24238 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_4 24239 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_5 24240 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_6 24241 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_7 24242 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_8 24243 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |
| NARROWS_GT2_GRP 23741 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.04 2.64 -35.67 N | 77.86 2.51 -41.66 N | 78.13 3.26 -33.83 N | 77.32 3.65 -25.22 N | 76.60 3.50 -27.97 N | 78.81 3.84 -27.79 N | 67.31 3.96 -12.56 N | 75.85 4.76 -15.23 N | 75.68 3.68 -30.23 N | 142.47 4.04 -90.28 N | 157.42 3.59 -107.98 N | 157.38 3.87 -101.54 N | 161.53 3.99 -107.16 N | 160.73 3.67 -104.63 N | 156.93 3.07 -102.72 N | 86.42 2.44 -41.01 N |

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| NEG CAPITAL___MECHNVIL 23645 | 55.05 5.69 0.00 N | 43.48 4.74 0.00 N | 32.11 3.32 0.00 N | 27.48 2.74 0.00 N | 27.92 2.98 0.00 N | 28.21 2.88 0.00 N | 46.99 4.78 0.00 N | 41.01 3.99 0.00 N | 40.74 4.00 0.00 N | 37.12 3.44 0.00 N | 44.69 3.65 0.00 N | 53.02 4.58 0.00 N | 49.29 4.16 0.00 N | 50.98 3.81 0.00 N | 54.73 3.94 0.00 N | 59.72 3.85 0.00 N | 44.27 2.50 0.00 N | 51.60 3.45 0.00 N | 49.46 3.60 0.00 N | 56.77 4.81 0.00 N | 55.23 4.84 0.00 N | 57.56 5.13 0.00 N | 56.42 5.28 0.00 N | 47.44 4.47 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 42.46 -6.90 0.00 N | 33.07 -5.67 0.00 N | 24.82 -3.97 0.00 N | 21.38 -3.36 0.00 N | 21.63 -3.32 0.00 N | 21.69 -3.65 0.00 N | 35.79 -6.43 0.00 N | 31.89 -5.13 0.00 N | 31.36 -5.38 0.00 N | 28.95 -4.74 0.00 N | 35.28 -5.76 0.00 N | 41.60 -6.84 0.00 N | 38.82 -6.31 0.00 N | 40.53 -6.64 0.00 N | 43.93 -6.86 0.00 N | 48.68 -7.18 0.00 N | 36.31 -5.46 0.00 N | 41.42 -6.73 0.00 N | 39.33 -6.53 0.00 N | 43.87 -8.10 0.00 N | 42.28 -8.11 0.00 N | 44.94 -7.49 0.00 N | 43.81 -7.33 0.00 N | 37.24 -5.73 0.00 N |
| NEG CENTRAL___DRP 24199 | 50.71 1.35 0.00 N | 39.25 0.51 0.00 N | 29.38 0.60 0.00 N | 25.49 0.75 0.00 N | 25.75 0.80 0.00 N | 26.28 0.94 0.00 N | 43.99 1.78 0.00 N | 38.52 1.50 0.00 N | 38.33 1.59 0.00 N | 35.26 1.57 0.00 N | 42.88 1.85 0.00 N | 50.49 2.05 0.00 N | 47.10 1.97 0.00 N | 49.34 2.17 0.00 N | 53.00 2.21 0.00 N | 57.96 2.09 0.00 N | 43.48 1.72 0.00 N | 50.26 2.11 0.00 N | 47.67 1.82 0.00 N | 54.19 2.22 0.00 N | 52.56 2.18 0.00 N | 54.41 1.98 0.00 N | 52.65 1.51 0.00 N | 44.08 1.11 0.00 N |
| NEG CENTRAL___INDECK 23768 | 46.54 -2.82 0.00 N | 36.46 -2.28 0.00 N | 27.29 -1.50 0.00 N | 23.62 -1.12 0.00 N | 23.67 -1.27 0.00 N | 24.06 -1.28 0.00 N | 39.97 -2.25 0.00 N | 35.10 -1.91 0.00 N | 34.80 -1.94 0.00 N | 32.09 -1.60 0.00 N | 39.72 -1.31 0.00 N | 47.00 -1.44 0.00 N | 43.79 -1.34 0.00 N | 45.91 -1.26 0.00 N | 49.39 -1.40 0.00 N | 54.22 -1.65 0.00 N | 40.58 -1.18 0.00 N | 46.46 -1.69 0.00 N | 44.00 -1.85 0.00 N | 49.21 -2.76 0.00 N | 47.35 -3.04 0.00 N | 49.56 -2.87 0.00 N | 48.41 -2.73 0.00 N | 40.68 -2.29 0.00 N |
| NEG CENTRAL___SENECA 23627 | 49.36 0.00 0.00 N | 38.74 0.00 0.00 N | 28.79 0.00 0.00 N | 24.74 0.00 0.00 N | 24.95 0.00 0.00 N | 25.34 0.00 0.00 N | 42.21 0.00 0.00 N | 37.01 0.00 0.00 N | 36.74 0.00 0.00 N | 33.69 0.00 0.00 N | 41.03 0.00 0.00 N | 48.44 0.00 0.00 N | 45.13 0.00 0.00 N | 47.17 0.00 0.00 N | 50.79 0.00 0.00 N | 55.87 0.00 0.00 N | 41.76 0.00 0.00 N | 48.15 0.00 0.00 N | 45.86 0.00 0.00 N | 51.97 0.00 0.00 N | 50.38 0.00 0.00 N | 52.43 0.00 0.00 N | 51.14 0.00 0.00 N | 42.97 0.00 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 46.80 -2.56 0.00 N | 36.43 -2.31 0.00 N | 27.14 -1.65 0.00 N | 23.48 -1.26 0.00 N | 23.83 -1.12 0.00 N | 23.93 -1.41 0.00 N | 39.91 -2.31 0.00 N | 35.60 -1.42 0.00 N | 35.29 -1.45 0.00 N | 32.43 -1.26 0.00 N | 39.43 -1.61 0.00 N | 46.52 -1.93 0.00 N | 43.37 -1.75 0.00 N | 45.27 -1.90 0.00 N | 48.86 -1.93 0.00 N | 53.86 -2.00 0.00 N | 40.12 -1.65 0.00 N | 46.07 -2.09 0.00 N | 43.80 -2.05 0.00 N | 49.37 -2.60 0.00 N | 47.85 -2.53 0.00 N | 50.37 -2.06 0.00 N | 48.76 -2.38 0.00 N | 41.06 -1.91 0.00 N |
| NEG MILLWOOD___DRP 24198 | 50.73 1.37 0.00 N | 39.63 0.89 0.00 N | 29.36 0.57 0.00 N | 25.22 0.47 0.00 N | 25.42 0.47 0.00 N | 25.91 0.57 0.00 N | 43.51 1.29 0.00 N | 38.50 1.49 0.00 N | 38.19 1.45 0.00 N | 35.14 1.46 0.00 N | 42.93 1.90 0.00 N | 50.62 2.17 0.00 N | 47.22 2.09 0.00 N | 49.48 2.31 0.00 N | 53.29 2.50 0.00 N | 58.87 3.00 0.00 N | 44.17 2.41 0.00 N | 50.69 2.53 0.00 N | 48.10 2.24 0.00 N | 54.34 2.37 0.00 N | 52.83 2.45 0.00 N | 54.61 2.18 0.00 N | 52.96 1.82 0.00 N | 44.25 1.28 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 50.47 1.11 0.00 N | 39.43 0.69 0.00 N | 29.33 0.55 0.00 N | 25.34 0.60 0.00 N | 25.57 0.63 0.00 N | 25.93 0.60 0.00 N | 43.49 1.28 0.00 N | 38.62 1.60 0.00 N | 38.47 1.73 0.00 N | 35.43 1.75 0.00 N | 43.25 2.22 0.00 N | 51.05 2.60 0.00 N | 47.60 2.47 0.00 N | 49.86 2.69 0.00 N | 53.77 2.98 0.00 N | 59.22 3.35 0.00 N | 44.29 2.52 0.00 N | 50.86 2.71 0.00 N | 48.21 2.36 0.00 N | 54.44 2.47 0.00 N | 52.79 2.41 0.00 N | 55.03 2.60 0.00 N | 53.13 1.99 0.00 N | 44.23 1.26 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 49.33 -0.02 0.00 N | 38.83 0.09 0.00 N | 28.80 0.02 0.00 N | 24.75 0.01 0.00 N | 24.97 0.02 0.00 N | 25.33 0.00 0.00 N | 42.23 0.02 0.00 N | 36.75 -0.26 0.00 N | 36.56 -0.18 0.00 N | 33.54 -0.14 0.00 N | 40.75 -0.28 0.00 N | 48.24 -0.21 0.00 N | 44.88 -0.24 0.00 N | 46.86 -0.31 0.00 N | 50.43 -0.35 0.00 N | 55.40 -0.47 0.00 N | 41.31 -0.45 0.00 N | 47.75 -0.40 0.00 N | 45.63 -0.23 0.00 N | 51.84 -0.12 0.00 N | 50.10 -0.28 0.00 N | 52.25 -0.18 0.00 N | 51.21 0.07 0.00 N | 43.15 0.18 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 49.90 0.54 0.00 N | 39.29 0.55 0.00 N | 29.09 0.30 0.00 N | 24.98 0.24 0.00 N | 25.23 0.28 0.00 N | 25.60 0.27 0.00 N | 42.77 0.56 0.00 N | 37.20 0.19 0.00 N | 37.01 0.27 0.00 N | 33.92 0.24 0.00 N | 41.09 0.06 0.00 N | 48.71 0.27 0.00 N | 45.32 0.19 0.00 N | 47.24 0.07 0.00 N | 50.80 0.01 0.00 N | 55.72 -0.15 0.00 N | 41.46 -0.30 0.00 N | 48.03 -0.12 0.00 N | 45.95 0.09 0.00 N | 52.34 0.37 0.00 N | 50.54 0.15 0.00 N | 52.71 0.28 0.00 N | 51.70 0.56 0.00 N | 43.61 0.64 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 49.90 0.54 0.00 N | 39.29 0.55 0.00 N | 29.09 0.30 0.00 N | 24.98 0.24 0.00 N | 25.23 0.28 0.00 N | 25.60 0.27 0.00 N | 42.77 0.56 0.00 N | 37.20 0.19 0.00 N | 37.01 0.27 0.00 N | 33.92 0.24 0.00 N | 41.09 0.06 0.00 N | 48.71 0.27 0.00 N | 45.32 0.19 0.00 N | 47.24 0.07 0.00 N | 50.80 0.01 0.00 N | 55.72 -0.15 0.00 N | 41.46 -0.30 0.00 N | 48.03 -0.12 0.00 N | 45.95 0.09 0.00 N | 52.34 0.37 0.00 N | 50.54 0.15 0.00 N | 52.71 0.28 0.00 N | 51.70 0.56 0.00 N | 43.61 0.64 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 49.22 -0.14 0.00 N | 38.77 0.03 0.00 N | 28.72 -0.07 0.00 N | 24.68 -0.06 0.00 N | 24.91 -0.04 0.00 N | 25.26 -0.07 0.00 N | 42.18 -0.04 0.00 N | 36.72 -0.29 0.00 N | 36.53 -0.21 0.00 N | 33.50 -0.18 0.00 N | 40.60 -0.44 0.00 N | 48.14 -0.31 0.00 N | 44.78 -0.34 0.00 N | 46.67 -0.50 0.00 N | 50.22 -0.57 0.00 N | 55.12 -0.75 0.00 N | 41.04 -0.72 0.00 N | 47.47 -0.68 0.00 N | 45.40 -0.46 0.00 N | 51.68 -0.29 0.00 N | 49.91 -0.47 0.00 N | 52.01 -0.42 0.00 N | 51.06 -0.08 0.00 N | 43.05 0.08 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 43.58 -5.77 0.00 N | 34.24 -4.50 0.00 N | 25.84 -2.95 0.00 N | 22.40 -2.34 0.00 N | 22.38 -2.56 0.00 N | 22.59 -2.74 0.00 N | 37.04 -5.18 0.00 N | 32.23 -4.79 0.00 N | 31.67 -5.07 0.00 N | 29.21 -4.47 0.00 N | 36.00 -5.04 0.00 N | 42.51 -5.94 0.00 N | 39.52 -5.60 0.00 N | 41.39 -5.79 0.00 N | 44.72 -6.07 0.00 N | 49.41 -6.46 0.00 N | 37.21 -4.56 0.00 N | 42.53 -5.63 0.00 N | 40.33 -5.52 0.00 N | 44.85 -7.12 0.00 N | 42.98 -7.40 0.00 N | 45.17 -7.26 0.00 N | 44.60 -6.54 0.00 N | 37.86 -5.11 0.00 N |

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| NEG WEST___LANCASTR 23811 | 43.31 -6.05 0.00 N | 33.96 -4.78 0.00 N | 25.50 -3.29 0.00 N | 22.03 -2.71 0.00 N | 22.06 -2.89 0.00 N | 22.40 -2.94 0.00 N | 37.01 -5.20 0.00 N | 32.45 -4.56 0.00 N | 32.03 -4.71 0.00 N | 29.62 -4.06 0.00 N | 36.56 -4.47 0.00 N | 43.14 -5.31 0.00 N | 40.22 -4.91 0.00 N | 42.33 -4.85 0.00 N | 45.69 -5.10 0.00 N | 50.68 -5.19 0.00 N | 38.12 -3.64 0.00 N | 43.49 -4.66 0.00 N | 41.24 -4.62 0.00 N | 46.00 -5.96 0.00 N | 44.21 -6.18 0.00 N | 46.10 -6.33 0.00 N | 44.98 -6.16 0.00 N | 37.87 -5.10 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 48.42 -0.94 0.00 N | 37.88 -0.86 0.00 N | 28.18 -0.61 0.00 N | 24.27 -0.47 0.00 N | 24.41 -0.54 0.00 N | 24.89 -0.45 0.00 N | 41.59 -0.62 0.00 N | 36.65 -0.37 0.00 N | 36.42 -0.32 0.00 N | 33.55 -0.13 0.00 N | 41.07 0.04 0.00 N | 48.36 -0.08 0.00 N | 45.12 -0.01 0.00 N | 47.39 0.21 0.00 N | 51.05 0.26 0.00 N | 56.38 0.51 0.00 N | 42.31 0.55 0.00 N | 48.62 0.46 0.00 N | 46.12 0.27 0.00 N | 52.06 0.09 0.00 N | 50.44 0.05 0.00 N | 52.24 -0.19 0.00 N | 50.63 -0.52 0.00 N | 42.28 -0.69 0.00 N |
| NEG___GEN_MONROE 24207 | 49.17 -0.19 0.00 N | 38.40 -0.35 0.00 N | 28.62 -0.17 0.00 N | 24.48 -0.26 0.00 N | 24.67 -0.27 0.00 N | 25.00 -0.34 0.00 N | 41.75 -0.47 0.00 N | 36.99 -0.03 0.00 N | 36.84 0.10 0.00 N | 33.88 0.20 0.00 N | 41.38 0.34 0.00 N | 48.84 0.39 0.00 N | 45.43 0.31 0.00 N | 47.46 0.29 0.00 N | 51.14 0.35 0.00 N | 56.02 0.15 0.00 N | 41.75 -0.01 0.00 N | 48.10 -0.05 0.00 N | 45.67 -0.19 0.00 N | 51.55 -0.42 0.00 N | 50.00 -0.39 0.00 N | 52.24 -0.19 0.00 N | 51.02 -0.12 0.00 N | 42.81 -0.16 0.00 N |
| NEPA___ENERGY 23901 | 42.87 -6.49 0.00 N | 33.49 -5.25 0.00 N | 25.11 -3.68 0.00 N | 21.65 -3.09 0.00 N | 21.73 -3.22 0.00 N | 22.18 -3.16 0.00 N | 36.82 -5.40 0.00 N | 32.54 -4.47 0.00 N | 32.25 -4.49 0.00 N | 29.94 -3.74 0.00 N | 36.93 -4.10 0.00 N | 43.58 -4.87 0.00 N | 40.81 -4.32 0.00 N | 43.18 -3.99 0.00 N | 46.70 -4.09 0.00 N | 52.10 -3.77 0.00 N | 39.17 -2.59 0.00 N | 44.50 -3.65 0.00 N | 42.21 -3.65 0.00 N | 47.18 -4.79 0.00 N | 45.43 -4.95 0.00 N | 47.04 -5.39 0.00 N | 45.19 -5.95 0.00 N | 37.70 -5.27 0.00 N |
| NEVERSINK___HYD 23608 | 48.02 -1.34 0.00 N | 37.63 -1.11 0.00 N | 27.97 -0.81 0.00 N | 24.03 -0.71 0.00 N | 24.17 -0.78 0.00 N | 24.56 -0.78 0.00 N | 40.82 -1.39 0.00 N | 36.03 -0.98 0.00 N | 35.80 -0.94 0.00 N | 33.08 -0.61 0.00 N | 39.62 -1.41 0.00 N | 45.36 -3.09 0.00 N | 42.47 -2.66 0.00 N | 44.45 -2.72 0.00 N | 47.93 -2.86 0.00 N | 52.91 -2.96 0.00 N | 39.65 -2.12 0.00 N | 45.60 -2.55 0.00 N | 43.22 -2.64 0.00 N | 48.64 -3.33 0.00 N | 47.16 -3.22 0.00 N | 49.09 -3.34 0.00 N | 48.47 -2.67 0.00 N | 41.87 -1.10 0.00 N |
| NIAGARA___ 23760 | 44.23 -5.13 0.00 N | 34.68 -4.06 0.00 N | 26.22 -2.57 0.00 N | 22.62 -2.12 0.00 N | 22.70 -2.24 0.00 N | 22.91 -2.42 0.00 N | 37.52 -4.69 0.00 N | 32.71 -4.30 0.00 N | 32.11 -4.63 0.00 N | 29.63 -4.06 0.00 N | 36.30 -4.73 0.00 N | 42.86 -5.59 0.00 N | 39.84 -5.28 0.00 N | 41.66 -5.51 0.00 N | 45.00 -5.79 0.00 N | 49.64 -6.23 0.00 N | 37.34 -4.43 0.00 N | 42.69 -5.46 0.00 N | 40.50 -5.36 0.00 N | 45.13 -6.84 0.00 N | 43.30 -7.09 0.00 N | 45.57 -6.86 0.00 N | 45.06 -6.08 0.00 N | 38.42 -4.55 0.00 N |
| NINE_MILE_1 23575 | 47.55 -1.81 0.00 N | 37.29 -1.45 0.00 N | 27.74 -1.05 0.00 N | 23.88 -0.86 0.00 N | 24.05 -0.90 0.00 N | 24.43 -0.90 0.00 N | 40.67 -1.54 0.00 N | 35.66 -1.35 0.00 N | 35.40 -1.34 0.00 N | 32.44 -1.24 0.00 N | 39.55 -1.49 0.00 N | 46.68 -1.77 0.00 N | 43.49 -1.64 0.00 N | 45.49 -1.69 0.00 N | 49.00 -1.79 0.00 N | 53.92 -1.94 0.00 N | 40.32 -1.45 0.00 N | 46.45 -1.70 0.00 N | 44.20 -1.66 0.00 N | 50.01 -1.96 0.00 N | 48.43 -1.96 0.00 N | 50.45 -1.98 0.00 N | 49.24 -1.90 0.00 N | 41.40 -1.57 0.00 N |
| NINE_MILE_2 23744 | 47.46 -1.90 0.00 N | 37.22 -1.53 0.00 N | 27.69 -1.10 0.00 N | 23.80 -0.94 0.00 N | 24.00 -0.94 0.00 N | 24.39 -0.95 0.00 N | 40.60 -1.62 0.00 N | 35.60 -1.41 0.00 N | 35.33 -1.41 0.00 N | 32.38 -1.30 0.00 N | 39.47 -1.56 0.00 N | 46.59 -1.86 0.00 N | 43.40 -1.72 0.00 N | 45.40 -1.77 0.00 N | 48.91 -1.88 0.00 N | 53.82 -2.05 0.00 N | 40.24 -1.52 0.00 N | 46.36 -1.79 0.00 N | 44.11 -1.74 0.00 N | 49.91 -2.05 0.00 N | 48.34 -2.05 0.00 N | 50.36 -2.07 0.00 N | 49.14 -2.00 0.00 N | 41.32 -1.65 0.00 N |
| NM_CAPITAL___DRP 24208 | 54.65 5.29 0.00 N | 43.10 4.36 0.00 N | 31.86 3.07 0.00 N | 27.28 2.54 0.00 N | 27.67 2.73 0.00 N | 28.02 2.68 0.00 N | 46.74 4.53 0.00 N | 40.69 3.68 0.00 N | 40.46 3.72 0.00 N | 36.87 3.19 0.00 N | 44.42 3.39 0.00 N | 52.57 4.13 0.00 N | 48.86 3.73 0.00 N | 50.69 3.51 0.00 N | 54.42 3.63 0.00 N | 59.33 3.46 0.00 N | 44.05 2.29 0.00 N | 51.35 3.20 0.00 N | 49.22 3.36 0.00 N | 56.49 4.53 0.00 N | 55.00 4.61 0.00 N | 57.35 4.92 0.00 N | 56.22 5.07 0.00 N | 47.31 4.34 0.00 N |
| NM_CENTRAL___DRP 24181 | 48.73 -0.63 0.00 N | 38.18 -0.56 0.00 N | 28.44 -0.35 0.00 N | 24.47 -0.27 0.00 N | 24.65 -0.30 0.00 N | 25.05 -0.29 0.00 N | 41.75 -0.47 0.00 N | 36.57 -0.44 0.00 N | 36.28 -0.46 0.00 N | 33.24 -0.44 0.00 N | 40.49 -0.55 0.00 N | 47.78 -0.66 0.00 N | 44.52 -0.61 0.00 N | 46.60 -0.57 0.00 N | 50.14 -0.65 0.00 N | 55.07 -0.80 0.00 N | 41.13 -0.63 0.00 N | 47.49 -0.67 0.00 N | 45.22 -0.64 0.00 N | 51.24 -0.73 0.00 N | 49.57 -0.82 0.00 N | 51.71 -0.72 0.00 N | 50.37 -0.77 0.00 N | 42.39 -0.58 0.00 N |
| NM_FRONTIER___DRP 24179 | 44.44 -4.92 0.00 N | 34.83 -3.91 0.00 N | 26.35 -2.43 0.00 N | 22.76 -1.98 0.00 N | 22.82 -2.13 0.00 N | 23.01 -2.32 0.00 N | 37.70 -4.52 0.00 N | 32.91 -4.11 0.00 N | 32.31 -4.43 0.00 N | 29.81 -3.87 0.00 N | 36.54 -4.50 0.00 N | 43.13 -5.31 0.00 N | 40.10 -5.02 0.00 N | 41.93 -5.24 0.00 N | 45.29 -5.50 0.00 N | 49.95 -5.91 0.00 N | 37.56 -4.21 0.00 N | 42.95 -5.20 0.00 N | 40.73 -5.12 0.00 N | 45.39 -6.58 0.00 N | 43.56 -6.83 0.00 N | 45.85 -6.58 0.00 N | 45.31 -5.83 0.00 N | 38.59 -4.38 0.00 N |
| NM_ST_REGIS___HYD 24053 | 49.36 0.00 0.00 N | 38.74 0.00 0.00 N | 28.79 0.00 0.00 N | 24.74 0.00 0.00 N | 24.95 0.00 0.00 N | 25.34 0.00 0.00 N | 42.21 0.00 0.00 N | 37.01 0.00 0.00 N | 36.74 0.00 0.00 N | 33.69 0.00 0.00 N | 41.03 0.00 0.00 N | 48.44 0.00 0.00 N | 45.13 0.00 0.00 N | 47.17 0.00 0.00 N | 50.79 0.00 0.00 N | 55.87 0.00 0.00 N | 41.76 0.00 0.00 N | 48.15 0.00 0.00 N | 45.86 0.00 0.00 N | 51.97 0.00 0.00 N | 50.38 0.00 0.00 N | 52.43 0.00 0.00 N | 51.14 0.00 0.00 N | 42.97 0.00 0.00 N |
| NORTHPORT___1 23551 | 55.02 2.98 -2.68 N | 41.47 2.04 -0.69 N | 30.04 1.25 0.00 N | 25.77 1.03 0.00 N | 25.98 1.03 0.00 N | 26.59 1.25 0.00 N | 49.24 2.73 -4.29 N | 56.00 2.60 -16.39 N | 57.47 2.25 -18.48 N | 59.77 2.12 -23.97 N | 59.12 2.61 -15.47 N | 95.41 3.18 -43.79 N | 75.71 3.15 -27.43 N | 76.75 3.36 -26.22 N | 79.61 3.95 -24.87 N | 81.12 4.55 -20.70 N | 60.57 3.41 -15.39 N | 58.43 3.49 -6.78 N | 58.65 3.09 -9.70 N | 58.21 3.14 -3.10 N | 60.44 3.27 -6.79 N | 63.40 2.94 -8.02 N | 59.69 2.94 -5.61 N | 57.25 2.30 -11.97 N |

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|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| NORTHPORT___2 23552 | 54.99 2.95 -2.68 N | 41.45 2.01 -0.69 N | 30.02 1.24 0.00 N | 25.76 1.02 0.00 N | 25.97 1.02 0.00 N | 26.58 1.24 0.00 N | 49.22 2.71 -4.29 N | 55.99 2.59 -16.39 N | 57.45 2.23 -18.48 N | 59.75 2.10 -23.97 N | 59.10 2.59 -15.47 N | 95.39 3.16 -43.79 N | 75.68 3.13 -27.43 N | 76.74 3.35 -26.22 N | 79.60 3.94 -24.87 N | 81.10 4.53 -20.70 N | 60.54 3.39 -15.39 N | 58.40 3.46 -6.78 N | 58.63 3.07 -9.70 N | 58.18 3.11 -3.10 N | 60.41 3.24 -6.79 N | 63.36 2.91 -8.02 N | 59.74 2.99 -5.61 N | 57.30 2.35 -11.97 N |
| NORTHPORT___3 23553 | 54.48 2.44 -2.68 N | 41.21 1.77 -0.69 N | 29.95 1.16 0.00 N | 25.71 0.97 0.00 N | 25.89 0.94 0.00 N | 26.48 1.14 0.00 N | 48.97 2.46 -4.29 N | 55.80 2.39 -16.39 N | 57.26 2.03 -18.48 N | 59.54 1.89 -23.97 N | 58.81 2.30 -15.47 N | 94.94 2.71 -43.79 N | 75.17 2.62 -27.43 N | 76.35 2.96 -26.22 N | 79.26 3.60 -24.87 N | 80.81 4.24 -20.70 N | 60.44 3.29 -15.39 N | 58.29 3.35 -6.78 N | 58.53 2.98 -9.70 N | 58.09 3.02 -3.10 N | 60.29 3.13 -6.78 N | 63.13 2.68 -8.02 N | 59.20 2.44 -5.61 N | 56.91 1.97 -11.97 N |
| NORTHPORT___4 23650 | 54.54 2.50 -2.68 N | 41.22 1.78 -0.69 N | 29.95 1.16 0.00 N | 25.71 0.97 0.00 N | 25.89 0.94 0.00 N | 26.48 1.15 0.00 N | 48.99 2.48 -4.29 N | 55.84 2.43 -16.39 N | 57.30 2.08 -18.48 N | 59.57 1.91 -23.97 N | 58.83 2.32 -15.47 N | 94.98 2.75 -43.79 N | 75.22 2.67 -27.43 N | 76.40 3.01 -26.22 N | 79.37 3.72 -24.87 N | 80.96 4.39 -20.70 N | 60.52 3.36 -15.39 N | 58.34 3.41 -6.78 N | 58.58 3.02 -9.70 N | 58.14 3.07 -3.10 N | 60.33 3.17 -6.78 N | 63.16 2.71 -8.02 N | 59.24 2.49 -5.61 N | 56.96 2.01 -11.97 N |
| NORTHPORT___IC 23718 | 54.54 2.50 -2.68 N | 41.22 1.78 -0.69 N | 29.95 1.16 0.00 N | 25.71 0.97 0.00 N | 25.89 0.94 0.00 N | 26.48 1.15 0.00 N | 48.99 2.48 -4.29 N | 55.84 2.43 -16.39 N | 57.30 2.08 -18.48 N | 59.57 1.91 -23.97 N | 58.83 2.32 -15.47 N | 94.98 2.75 -43.79 N | 75.22 2.67 -27.43 N | 76.40 3.01 -26.22 N | 79.37 3.72 -24.87 N | 80.96 4.39 -20.70 N | 60.52 3.36 -15.39 N | 58.34 3.41 -6.78 N | 58.58 3.02 -9.70 N | 58.14 3.07 -3.10 N | 60.34 3.17 -6.79 N | 63.16 2.71 -8.02 N | 59.24 2.49 -5.61 N | 56.96 2.01 -11.97 N |
| NSINS_S_GLNS_FALLS 23858 | 56.10 6.74 0.00 N | 44.47 5.72 0.00 N | 32.68 3.89 0.00 N | 27.97 3.23 0.00 N | 28.51 3.56 0.00 N | 28.75 3.41 0.00 N | 47.55 5.34 0.00 N | 41.72 4.71 0.00 N | 41.55 4.81 0.00 N | 37.86 4.17 0.00 N | 45.58 4.55 0.00 N | 54.37 5.93 0.00 N | 50.59 5.47 0.00 N | 51.92 4.75 0.00 N | 55.69 4.90 0.00 N | 60.75 4.88 0.00 N | 44.92 3.15 0.00 N | 52.41 4.26 0.00 N | 50.25 4.39 0.00 N | 57.75 5.78 0.00 N | 56.15 5.77 0.00 N | 58.51 6.08 0.00 N | 57.29 6.14 0.00 N | 48.09 5.12 0.00 N |
| NUCOR_STEEL___DRP 24197 | 46.80 -2.56 0.00 N | 36.43 -2.31 0.00 N | 27.14 -1.65 0.00 N | 23.48 -1.26 0.00 N | 23.83 -1.12 0.00 N | 23.93 -1.41 0.00 N | 39.91 -2.31 0.00 N | 35.60 -1.42 0.00 N | 35.29 -1.45 0.00 N | 32.43 -1.26 0.00 N | 39.43 -1.61 0.00 N | 46.52 -1.93 0.00 N | 43.37 -1.75 0.00 N | 45.27 -1.90 0.00 N | 48.86 -1.93 0.00 N | 53.86 -2.00 0.00 N | 40.12 -1.65 0.00 N | 46.07 -2.09 0.00 N | 43.80 -2.05 0.00 N | 49.37 -2.60 0.00 N | 47.85 -2.53 0.00 N | 50.37 -2.06 0.00 N | 48.76 -2.38 0.00 N | 41.06 -1.91 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 49.36 0.00 0.00 N | 38.74 0.00 0.00 N | 28.79 0.00 0.00 N | 24.74 0.00 0.00 N | 24.95 0.00 0.00 N | 25.34 0.00 0.00 N | 42.21 0.00 0.00 N | 37.01 0.00 0.00 N | 36.74 0.00 0.00 N | 33.69 0.00 0.00 N | 41.03 0.00 0.00 N | 48.44 0.00 0.00 N | 45.13 0.00 0.00 N | 47.17 0.00 0.00 N | 50.79 0.00 0.00 N | 55.87 0.00 0.00 N | 41.76 0.00 0.00 N | 48.15 0.00 0.00 N | 45.86 0.00 0.00 N | 51.97 0.00 0.00 N | 50.38 0.00 0.00 N | 52.43 0.00 0.00 N | 51.14 0.00 0.00 N | 42.97 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 55.19 3.15 -2.68 N | 41.60 2.16 -0.69 N | 30.14 1.36 0.00 N | 25.87 1.13 0.00 N | 26.08 1.14 0.00 N | 26.68 1.34 0.00 N | 49.40 2.89 -4.29 N | 56.23 2.83 -16.39 N | 57.74 2.52 -18.48 N | 60.05 2.40 -23.97 N | 59.51 3.00 -15.47 N | 95.82 3.59 -43.79 N | 76.02 3.47 -27.43 N | 77.05 3.66 -26.22 N | 79.90 4.25 -24.87 N | 81.45 4.88 -20.70 N | 60.87 3.71 -15.39 N | 58.81 3.87 -6.78 N | 59.02 3.45 -9.71 N | 58.61 3.54 -3.10 N | 60.95 3.69 -6.88 N | 63.87 3.41 -8.03 N | 60.08 3.32 -5.61 N | 57.50 2.56 -11.97 N |
| NYPA_GOWANUS____GT5 24156 | 52.32 2.96 0.00 N | 40.67 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 45.03 2.81 0.00 N | 65.10 2.89 -25.20 N | 44.52 2.80 -4.98 N | 63.96 2.71 -27.57 N | 69.65 3.50 -25.11 N | 66.84 3.98 -14.42 N | 75.32 3.82 -26.38 N | 79.13 4.16 -27.79 N | 67.70 4.36 -12.56 N | 76.28 5.18 -15.23 N | 76.05 4.05 -30.23 N | 65.62 4.38 -13.09 N | 57.08 3.90 -7.33 N | 57.39 4.22 -1.20 N | 55.90 4.33 -1.19 N | 57.07 4.13 -0.51 N | 55.04 3.52 -0.37 N | 51.32 2.61 -5.75 N |
| NYPA_GOWANUS____GT6 24157 | 52.32 2.96 0.00 N | 40.67 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.04 0.00 N | 26.59 1.25 0.00 N | 45.03 2.81 0.00 N | 65.10 2.89 -25.20 N | 44.52 2.80 -4.98 N | 63.96 2.71 -27.57 N | 69.65 3.50 -25.11 N | 66.84 3.98 -14.42 N | 75.32 3.82 -26.38 N | 79.13 4.16 -27.79 N | 67.70 4.36 -12.56 N | 76.28 5.18 -15.23 N | 76.05 4.05 -30.23 N | 65.62 4.38 -13.09 N | 57.08 3.90 -7.33 N | 57.39 4.22 -1.20 N | 55.90 4.33 -1.19 N | 57.07 4.13 -0.51 N | 55.04 3.52 -0.37 N | 51.32 2.61 -5.75 N |
| NYPA_HARLEM__RVR__GT1 24160 | 52.91 3.55 0.00 N | 41.09 2.35 0.00 N | 30.37 1.58 0.00 N | 26.04 1.30 0.00 N | 26.25 1.30 0.00 N | 26.86 1.53 0.00 N | 67.09 3.39 -21.48 N | 81.49 3.20 -41.28 N | 82.71 3.17 -42.80 N | 128.34 3.02 -91.63 N | 128.29 4.11 -83.15 N | 109.54 4.72 -56.38 N | 86.63 4.53 -36.97 N | 124.29 4.96 -72.16 N | 121.22 5.19 -65.24 N | 89.59 6.18 -27.55 N | 113.34 4.84 -66.74 N | 110.25 5.18 -56.92 N | 131.25 4.62 -80.77 N | 109.43 4.99 -52.46 N | 135.66 5.06 -80.21 N | 131.69 5.06 -74.20 N | 102.71 4.15 -47.42 N | 78.30 3.14 -32.19 N |
| NYPA_HARLEM__RVR__GT2 24161 | 52.91 3.55 0.00 N | 41.09 2.35 0.00 N | 30.37 1.58 0.00 N | 26.04 1.30 0.00 N | 26.25 1.30 0.00 N | 26.86 1.53 0.00 N | 67.09 3.39 -21.48 N | 81.49 3.20 -41.28 N | 82.71 3.17 -42.80 N | 128.34 3.02 -91.63 N | 128.29 4.11 -83.15 N | 109.54 4.72 -56.38 N | 86.63 4.53 -36.97 N | 124.29 4.96 -72.16 N | 121.22 5.19 -65.24 N | 89.59 6.18 -27.55 N | 113.34 4.84 -66.74 N | 110.25 5.18 -56.92 N | 131.25 4.62 -80.77 N | 109.43 4.99 -52.46 N | 135.66 5.06 -80.21 N | 131.69 5.06 -74.20 N | 102.71 4.15 -47.42 N | 78.30 3.14 -32.19 N |
| NYPA_KENT____GT 24152 | 52.32 2.96 0.00 N | 40.68 1.93 0.00 N | 30.07 1.28 0.00 N | 25.79 1.05 0.00 N | 25.99 1.05 0.00 N | 26.59 1.25 0.00 N | 54.06 2.81 -9.04 N | 80.86 2.89 -40.95 N | 75.21 2.80 -35.67 N | 78.06 2.71 -41.66 N | 78.37 3.51 -33.83 N | 77.65 3.98 -25.22 N | 76.92 3.82 -27.97 N | 79.13 4.17 -27.79 N | 67.71 4.37 -12.56 N | 76.29 5.19 -15.23 N | 76.06 4.06 -30.23 N | 65.63 4.39 -13.09 N | 57.36 3.90 -7.60 N | 58.29 4.23 -2.10 N | 58.88 4.34 -4.15 N | 62.08 4.14 -5.51 N | 68.88 3.53 -14.21 N | 77.77 2.61 -32.19 N |

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| NYPA_POUCH1____GT 24155 | 52.07 2.71 0.00 N | 40.49 1.75 0.00 N | 29.96 1.17 0.00 N | 25.72 0.98 0.00 N | 25.89 0.95 0.00 N | 26.47 1.14 0.00 N | 53.84 2.59 -9.04 N | 80.68 2.72 -40.95 N | 75.07 2.66 -35.67 N | 77.92 2.57 -41.66 N | 78.17 3.31 -33.83 N | 77.42 3.75 -25.22 N | 76.70 3.60 -27.97 N | 78.93 3.97 -27.79 N | 67.53 4.18 -12.56 N | 76.07 4.97 -15.23 N | 75.87 3.87 -30.23 N | 142.61 4.18 -90.28 N | 157.55 3.72 -107.98 N | 157.51 4.01 -101.54 N | 161.66 4.12 -107.16 N | 161.01 3.95 -104.63 N | 157.21 3.35 -102.72 N | 86.41 2.43 -41.01 N |
| NYPA_VERNON____GT2 24162 | 52.10 2.74 0.00 N | 40.53 1.78 0.00 N | 29.99 1.20 0.00 N | 25.74 1.00 0.00 N | 25.92 0.97 0.00 N | 26.49 1.16 0.00 N | 53.85 2.60 -9.04 N | 80.60 2.63 -40.95 N | 74.96 2.55 -35.67 N | 77.82 2.47 -41.66 N | 78.06 3.20 -33.83 N | 77.31 3.64 -25.22 N | 76.59 3.50 -27.97 N | 78.79 3.83 -27.79 N | 67.36 4.02 -12.56 N | 75.91 4.81 -15.23 N | 75.80 3.80 -30.23 N | 65.31 4.07 -13.09 N | 57.09 3.63 -7.60 N | 58.01 3.95 -2.10 N | 58.60 4.06 -4.15 N | 61.81 3.87 -5.51 N | 68.61 3.26 -14.21 N | 77.53 2.37 -32.19 N |
| NYPA_VERNON____GT3 24163 | 52.10 2.74 0.00 N | 40.53 1.78 0.00 N | 29.99 1.20 0.00 N | 25.74 1.00 0.00 N | 25.92 0.97 0.00 N | 26.49 1.16 0.00 N | 53.85 2.60 -9.04 N | 80.60 2.63 -40.95 N | 74.96 2.55 -35.67 N | 77.82 2.47 -41.66 N | 78.06 3.20 -33.83 N | 77.31 3.64 -25.22 N | 76.59 3.50 -27.97 N | 78.79 3.83 -27.79 N | 67.36 4.02 -12.56 N | 75.91 4.81 -15.23 N | 75.80 3.80 -30.23 N | 65.31 4.07 -13.09 N | 57.09 3.63 -7.60 N | 58.01 3.95 -2.10 N | 58.60 4.06 -4.15 N | 61.81 3.87 -5.51 N | 68.61 3.26 -14.21 N | 77.53 2.37 -32.19 N |
| NYPA____HOLTSVILL 23794 | 55.40 3.36 -2.68 N | 41.75 2.32 -0.69 N | 30.25 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.44 0.00 N | 49.58 3.07 -4.29 N | 56.34 2.94 -16.39 N | 57.87 2.65 -18.48 N | 60.21 -2.56 -23.97 N | 59.72 3.21 -15.47 N | 96.02 3.79 -43.79 N | 76.17 3.62 -27.43 N | 77.10 3.71 -26.22 N | 79.95 4.30 -24.87 N | 81.51 4.94 -20.70 N | 60.96 3.80 -15.39 N | 58.94 4.01 -6.78 N | 59.11 3.55 -9.70 N | 58.73 3.66 -3.10 N | 61.06 3.86 -6.81 N | 64.15 3.69 -8.03 N | 60.24 3.48 -5.61 N | 57.60 2.65 -11.97 N |
| NYPA____HELLGATE_GT1 24158 | 52.90 3.54 0.00 N | 41.09 2.35 0.00 N | 30.37 1.58 0.00 N | 26.04 1.30 0.00 N | 26.25 1.30 0.00 N | 26.86 1.53 0.00 N | 67.09 3.39 -21.48 N | 81.54 3.25 -41.28 N | 82.78 3.24 -42.80 N | 128.38 3.06 -91.63 N | 128.30 4.11 -83.15 N | 109.58 4.76 -56.38 N | 86.64 4.54 -36.97 N | 124.29 4.96 -72.16 N | 121.22 5.19 -65.24 N | 89.64 6.22 -27.55 N | 113.38 4.88 -66.74 N | 110.29 5.22 -56.92 N | 131.25 4.62 -80.77 N | 109.43 5.00 -52.46 N | 135.66 5.06 -80.21 N | 131.69 5.06 -74.20 N | 102.75 4.19 -47.42 N | 78.34 3.18 -32.19 N |
| NYPA____HELLGATE_GT2 24159 | 52.90 3.54 0.00 N | 41.09 2.35 0.00 N | 30.37 1.58 0.00 N | 26.04 1.30 0.00 N | 26.25 1.30 0.00 N | 26.86 1.53 0.00 N | 67.09 3.39 -21.48 N | 81.54 3.25 -41.28 N | 82.78 3.24 -42.80 N | 128.38 3.06 -91.63 N | 128.30 4.11 -83.15 N | 109.58 4.76 -56.38 N | 86.64 4.54 -36.97 N | 124.29 4.96 -72.16 N | 121.22 5.19 -65.24 N | 89.64 6.22 -27.55 N | 113.38 4.88 -66.74 N | 110.29 5.22 -56.92 N | 131.25 4.62 -80.77 N | 109.43 5.00 -52.46 N | 135.66 5.06 -80.21 N | 131.69 5.06 -74.20 N | 102.75 4.19 -47.42 N | 78.34 3.18 -32.19 N |
| O.H_GEN_BRUCE 24063 | 45.03 -4.33 0.00 N | 35.28 -3.46 0.00 N | 26.58 -2.21 0.00 N | 22.93 -1.82 0.00 N | 23.01 -1.93 0.00 N | 23.28 -2.05 0.00 N | 38.31 -3.90 0.00 N | 33.50 -3.52 0.00 N | 32.97 -3.76 0.00 N | 30.43 -3.26 0.00 N | 37.29 -3.74 0.00 N | 44.00 -4.44 0.00 N | 40.94 -4.18 0.00 N | 42.86 -4.31 0.00 N | 46.28 -4.51 0.00 N | 51.07 -4.79 0.00 N | 38.39 -3.37 0.00 N | 43.94 -4.21 0.00 N | 41.67 -4.19 0.00 N | 46.55 -5.42 0.00 N | 44.74 -5.64 0.00 N | 48.38 -6.99 -2.38 N | 46.17 -4.97 0.00 N | 39.16 -3.81 0.00 N |
| OAK_ORCHARD____HYD 24046 | 45.25 -4.11 0.00 N | 35.41 -3.33 0.00 N | 26.69 -2.09 0.00 N | 23.00 -1.74 0.00 N | 23.07 -1.87 0.00 N | 23.28 -2.05 0.00 N | 38.32 -3.90 0.00 N | 33.64 -3.38 0.00 N | 33.17 -3.57 0.00 N | 30.62 -3.07 0.00 N | 37.51 -3.52 0.00 N | 44.27 -4.17 0.00 N | 41.18 -3.94 0.00 N | 43.06 -4.11 0.00 N | 46.49 -4.30 0.00 N | 51.21 -4.66 0.00 N | 38.39 -3.37 0.00 N | 43.96 -4.20 0.00 N | 41.69 -4.17 0.00 N | 46.61 -5.36 0.00 N | 44.86 -5.53 0.00 N | 47.13 -5.30 0.00 N | 46.37 -4.77 0.00 N | 39.32 -3.65 0.00 N |
| OCC_CHEM____DRP 24175 | 44.49 -4.87 0.00 N | 34.86 -3.89 0.00 N | 26.37 -2.42 0.00 N | 22.77 -1.97 0.00 N | 22.83 -2.11 0.00 N | 23.03 -2.30 0.00 N | 37.74 -4.48 0.00 N | 32.94 -4.07 0.00 N | 32.36 -4.38 0.00 N | 29.86 -3.83 0.00 N | 36.59 -4.44 0.00 N | 43.20 -5.25 0.00 N | 40.17 -4.96 0.00 N | 42.00 -5.17 0.00 N | 45.36 -5.43 0.00 N | 50.03 -5.84 0.00 N | 37.61 -4.15 0.00 N | 43.01 -5.14 0.00 N | 40.79 -5.06 0.00 N | 45.46 -6.51 0.00 N | 43.62 -6.76 0.00 N | 45.92 -6.51 0.00 N | 45.36 -5.78 0.00 N | 38.64 -4.33 0.00 N |
| OLIN_CORP_DRP 24177 | 44.57 -4.79 0.00 N | 34.92 -3.82 0.00 N | 26.39 -2.40 0.00 N | 22.77 -1.97 0.00 N | 22.84 -2.11 0.00 N | 23.05 -2.29 0.00 N | 37.81 -4.40 0.00 N | 33.05 -3.96 0.00 N | 32.50 -4.24 0.00 N | 30.00 -3.69 0.00 N | 36.77 -4.26 0.00 N | 43.41 -5.04 0.00 N | 40.37 -4.76 0.00 N | 42.23 -4.94 0.00 N | 45.60 -5.19 0.00 N | 50.29 -5.57 0.00 N | 37.79 -3.97 0.00 N | 43.22 -4.94 0.00 N | 40.98 -4.87 0.00 N | 45.70 -6.27 0.00 N | 43.89 -6.50 0.00 N | 46.16 -6.27 0.00 N | 45.55 -5.59 0.00 N | 38.75 -4.22 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 48.40 -0.96 0.00 N | 37.91 -0.83 0.00 N | 28.23 -0.55 0.00 N | 24.29 -0.45 0.00 N | 24.50 -0.44 0.00 N | 24.90 -0.43 0.00 N | 41.49 -0.72 0.00 N | 36.34 -0.67 0.00 N | 36.08 -0.66 0.00 N | 33.08 -0.61 0.00 N | 40.31 -0.72 0.00 N | 47.57 -0.88 0.00 N | 44.32 -0.80 0.00 N | 46.40 -0.77 0.00 N | 49.93 -0.86 0.00 N | 54.83 -1.04 0.00 N | 40.97 -0.80 0.00 N | 47.28 -0.87 0.00 N | 45.01 -0.85 0.00 N | 50.98 -0.98 0.00 N | 49.30 -1.08 0.00 N | 51.45 -0.98 0.00 N | 50.08 -1.06 0.00 N | 42.13 -0.84 0.00 N |
| ONONDAGA____COGEN 23986 | 47.63 -1.73 0.00 N | 37.35 -1.39 0.00 N | 27.86 -0.92 0.00 N | 23.98 -0.76 0.00 N | 24.16 -0.78 0.00 N | 24.54 -0.79 0.00 N | 40.84 -1.37 0.00 N | 35.83 -1.18 0.00 N | 35.58 -1.16 0.00 N | 32.65 -1.04 0.00 N | 39.81 -1.23 0.00 N | 46.98 -1.47 0.00 N | 43.77 -1.35 0.00 N | 45.83 -1.35 0.00 N | 49.35 -1.44 0.00 N | 54.28 -1.59 0.00 N | 40.58 -1.19 0.00 N | 46.76 -1.39 0.00 N | 44.47 -1.39 0.00 N | 50.27 -1.70 0.00 N | 48.60 -1.78 0.00 N | 50.73 -1.70 0.00 N | 49.46 -1.68 0.00 N | 41.62 -1.35 0.00 N |
| ONTARIO____LFGE 23819 | 49.47 0.11 0.00 N | 38.18 -0.56 0.00 N | 28.72 -0.06 0.00 N | 24.99 0.25 0.00 N | 25.22 0.27 0.00 N | 25.74 0.41 0.00 N | 42.99 0.77 0.00 N | 37.64 0.63 0.00 N | 37.39 0.65 0.00 N | 34.49 0.80 0.00 N | 42.03 0.99 0.00 N | 49.47 1.02 0.00 N | 46.14 1.02 0.00 N | 48.40 1.23 0.00 N | 52.01 1.23 0.00 N | 56.94 1.07 0.00 N | 42.79 1.03 0.00 N | 49.34 1.19 0.00 N | 46.71 0.85 0.00 N | 52.94 0.97 0.00 N | 51.26 0.88 0.00 N | 53.09 0.66 0.00 N | 51.33 0.19 0.00 N | 43.00 0.03 0.00 N |

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| OSWEGATCHIE___HYD 24044 | 51.88 2.52 0.00 N | 40.72 1.98 0.00 N | 30.21 1.43 0.00 N | 25.95 1.21 0.00 N | 26.15 1.20 0.00 N | 26.62 1.28 0.00 N | 44.50 2.28 0.00 N | 38.12 1.11 0.00 N | 37.81 1.07 0.00 N | 34.57 0.89 0.00 N | 41.89 0.86 0.00 N | 49.52 1.08 0.00 N | 46.06 0.94 0.00 N | 48.19 1.02 0.00 N | 51.70 0.92 0.00 N | 56.65 0.78 0.00 N | 42.09 0.33 0.00 N | 49.03 0.88 0.00 N | 47.37 1.51 0.00 N | 54.15 2.18 0.00 N | 52.26 1.88 0.00 N | 54.77 2.34 0.00 N | 53.38 2.24 0.00 N | 45.07 2.10 0.00 N |
| OSWEGO___5 23606 | 47.90 -1.46 0.00 N | 37.56 -1.18 0.00 N | 27.95 -0.83 0.00 N | 24.03 -0.71 0.00 N | 24.23 -0.72 0.00 N | 24.62 -0.72 0.00 N | 40.98 -1.23 0.00 N | 35.93 -1.08 0.00 N | 35.65 -1.09 0.00 N | 32.68 -1.00 0.00 N | 39.83 -1.20 0.00 N | 47.02 -1.43 0.00 N | 43.80 -1.32 0.00 N | 45.82 -1.35 0.00 N | 49.35 -1.44 0.00 N | 54.30 -1.57 0.00 N | 40.59 -1.17 0.00 N | 46.78 -1.37 0.00 N | 44.52 -1.34 0.00 N | 50.38 -1.59 0.00 N | 48.77 -1.61 0.00 N | 50.83 -1.60 0.00 N | 49.59 -1.55 0.00 N | 41.71 -1.26 0.00 N |
| OSWEGO___6 23613 | 47.88 -1.48 0.00 N | 37.55 -1.19 0.00 N | 27.95 -0.84 0.00 N | 24.03 -0.71 0.00 N | 24.22 -0.72 0.00 N | 24.61 -0.73 0.00 N | 40.97 -1.24 0.00 N | 35.93 -1.09 0.00 N | 35.64 -1.10 0.00 N | 32.67 -1.01 0.00 N | 39.82 -1.21 0.00 N | 47.01 -1.44 0.00 N | 43.79 -1.33 0.00 N | 45.82 -1.36 0.00 N | 49.34 -1.44 0.00 N | 54.29 -1.58 0.00 N | 40.59 -1.18 0.00 N | 46.77 -1.38 0.00 N | 44.51 -1.34 0.00 N | 50.37 -1.60 0.00 N | 48.77 -1.62 0.00 N | 50.82 -1.61 0.00 N | 49.58 -1.56 0.00 N | 41.70 -1.27 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 45.04 -4.32 0.00 N | 35.17 -3.57 0.00 N | 26.56 -2.22 0.00 N | 22.98 -1.77 0.00 N | 23.03 -1.92 0.00 N | 23.20 -2.14 0.00 N | 38.08 -4.13 0.00 N | 33.39 -3.63 0.00 N | 32.90 -3.84 0.00 N | 30.39 -3.29 0.00 N | 37.28 -3.75 0.00 N | 44.00 -4.45 0.00 N | 40.95 -4.18 0.00 N | 42.88 -4.29 0.00 N | 46.31 -4.48 0.00 N | 51.07 -4.79 0.00 N | 38.32 -3.45 0.00 N | 43.79 -4.36 0.00 N | 41.51 -4.35 0.00 N | 46.31 -5.66 0.00 N | 44.51 -5.87 0.00 N | 46.78 -5.66 0.00 N | 45.96 -5.18 0.00 N | 38.93 -4.04 0.00 N |
| OXBOW___ 24026 | 44.61 -4.75 0.00 N | 34.89 -3.85 0.00 N | 26.38 -2.41 0.00 N | 22.78 -1.96 0.00 N | 22.85 -2.10 0.00 N | 23.04 -2.30 0.00 N | 37.78 -4.43 0.00 N | 33.06 -3.95 0.00 N | 32.53 -4.21 0.00 N | 30.05 -3.64 0.00 N | 36.84 -4.19 0.00 N | 43.48 -4.96 0.00 N | 40.45 -4.68 0.00 N | 42.33 -4.84 0.00 N | 45.71 -5.08 0.00 N | 50.41 -5.45 0.00 N | 37.85 -3.91 0.00 N | 43.28 -4.87 0.00 N | 41.03 -4.83 0.00 N | 45.75 -6.22 0.00 N | 43.93 -6.45 0.00 N | 46.21 -6.22 0.00 N | 45.52 -5.62 0.00 N | 38.66 -4.31 0.00 N |
| PEEKSKILL___ 23653 | 50.79 1.43 0.00 N | 39.60 0.86 0.00 N | 29.33 0.55 0.00 N | 25.20 0.46 0.00 N | 25.38 0.43 0.00 N | 25.91 0.57 0.00 N | 43.63 1.42 0.00 N | 38.66 1.64 0.00 N | 38.37 1.63 0.00 N | 35.34 1.66 0.00 N | 43.21 2.18 0.00 N | 50.91 2.46 0.00 N | 47.50 2.38 0.00 N | 49.84 2.67 0.00 N | 53.67 2.88 0.00 N | 59.33 3.46 0.00 N | 44.54 2.77 0.00 N | 51.09 2.94 0.00 N | 48.46 2.60 0.00 N | 54.70 2.73 0.00 N | 53.20 2.82 0.00 N | 54.94 2.51 0.00 N | 53.15 2.01 0.00 N | 44.31 1.34 0.00 N |
| PGE MADISON___WINDPWR 24146 | 50.38 1.02 0.00 N | 39.40 0.65 0.00 N | 29.28 0.49 0.00 N | 25.32 0.58 0.00 N | 25.54 0.60 0.00 N | 25.88 0.55 0.00 N | 43.41 1.20 0.00 N | 38.58 1.57 0.00 N | 38.44 1.70 0.00 N | 35.40 1.72 0.00 N | 43.25 2.22 0.00 N | 51.08 2.64 0.00 N | 47.63 2.50 0.00 N | 49.90 2.73 0.00 N | 53.82 3.03 0.00 N | 59.29 3.42 0.00 N | 44.32 2.56 0.00 N | 50.88 2.73 0.00 N | 48.23 2.37 0.00 N | 54.44 2.48 0.00 N | 52.79 2.41 0.00 N | 55.06 2.63 0.00 N | 53.14 2.00 0.00 N | 44.22 1.25 0.00 N |
| PJM_GEN_KEystone 24065 | 44.90 -4.46 0.00 N | 7.49 -4.60 20.50 N | 11.00 -3.10 10.92 N | 13.00 -2.46 6.71 N | 10.75 -2.99 13.66 N | 15.00 -3.09 14.06 N | 25.00 -3.85 14.93 N | 33.95 -3.07 0.00 N | 33.64 -3.10 0.00 N | 31.09 -2.59 0.00 N | 38.19 -2.85 0.00 N | 44.99 -3.45 0.00 N | 41.98 -3.14 0.00 N | 44.17 -3.00 0.00 N | 47.64 -3.15 0.00 N | 52.73 -3.13 0.00 N | 39.62 -2.14 0.00 N | 45.35 -2.81 0.00 N | 42.99 -2.87 0.00 N | 48.28 -3.69 0.00 N | 46.60 -3.79 0.00 N | 55.00 -2.38 0.00 N | 46.90 -4.24 0.00 N | 39.26 -3.71 0.00 N |
| PLEASANTVLY___LBMP 24000 | 49.99 0.63 0.00 N | 39.19 0.45 0.00 N | 29.06 0.27 0.00 N | 24.96 0.22 0.00 N | 25.18 0.23 0.00 N | 25.60 0.27 0.00 N | 42.75 0.54 0.00 N | 37.72 0.71 0.00 N | 37.38 0.64 0.00 N | 34.33 0.65 0.00 N | 41.89 0.86 0.00 N | 49.44 0.99 0.00 N | 46.10 0.97 0.00 N | 48.21 1.04 0.00 N | 51.95 1.16 0.00 N | 57.33 1.46 0.00 N | 42.98 1.21 0.00 N | 49.37 1.22 0.00 N | 46.93 1.07 0.00 N | 53.08 1.11 0.00 N | 51.58 1.20 0.00 N | 53.35 0.92 0.00 N | 51.93 0.79 0.00 N | 43.51 0.54 0.00 N |
| POLETTI___ 23519 | 51.62 2.26 0.00 N | 40.17 1.43 0.00 N | 29.72 0.93 0.00 N | 25.51 0.77 0.00 N | 25.70 0.75 0.00 N | 26.27 0.93 0.00 N | 44.38 2.16 0.00 N | 64.51 2.30 -25.20 N | 43.94 2.22 -4.98 N | 63.44 2.19 -27.57 N | 68.90 2.76 -25.11 N | 66.00 3.14 -14.42 N | 74.51 3.01 -26.38 N | 78.26 3.30 -27.79 N | 66.93 3.58 -12.56 N | 75.34 4.24 -15.23 N | 75.33 3.33 -30.23 N | 64.85 3.61 -13.09 N | 56.46 3.28 -7.33 N | 56.73 3.56 -1.20 N | 55.31 3.74 -1.19 N | 56.42 3.48 -0.51 N | 54.46 2.95 -0.37 N | 50.79 2.08 -5.75 N |
| PORT_JEFF_3 23555 | 55.31 3.27 -2.68 N | 41.69 2.25 -0.69 N | 30.21 1.42 0.00 N | 25.93 1.19 0.00 N | 26.11 1.16 0.00 N | 26.73 1.40 0.00 N | 49.44 2.94 -4.29 N | 56.03 2.62 -16.39 N | 57.41 2.19 -18.48 N | 59.74 2.08 -23.97 N | 59.09 2.58 -15.47 N | 95.26 3.03 -43.79 N | 75.44 2.88 -27.43 N | 76.07 2.68 -26.22 N | 78.81 3.16 -24.87 N | 80.24 3.67 -20.70 N | 60.08 2.93 -15.39 N | 57.99 3.06 -6.78 N | 58.24 2.68 -9.71 N | 57.72 2.65 -3.10 N | 60.06 2.86 -6.82 N | 63.38 2.92 -8.03 N | 59.48 2.73 -5.61 N | 57.12 2.17 -11.97 N |
| PORT_JEFF_4 23616 | 55.17 3.13 -2.68 N | 41.66 2.23 -0.69 N | 30.19 1.41 0.00 N | 25.92 1.18 0.00 N | 26.09 1.15 0.00 N | 26.71 1.37 0.00 N | 49.36 2.86 -4.29 N | 55.90 2.50 -16.39 N | 57.33 2.11 -18.48 N | 59.70 2.05 -23.97 N | 59.07 2.57 -15.47 N | 95.26 3.02 -43.79 N | 75.47 2.91 -27.43 N | 76.35 2.96 -26.22 N | 79.15 3.49 -24.87 N | 80.61 4.04 -20.70 N | 60.33 3.17 -15.39 N | 58.28 3.34 -6.78 N | 58.47 2.91 -9.71 N | 57.98 2.91 -3.10 N | 60.27 3.07 -6.82 N | 63.31 2.85 -8.03 N | 59.43 2.68 -5.61 N | 57.02 2.08 -11.97 N |
| PORT_JEFF_IC 23713 | 55.42 3.38 -2.68 N | 41.77 2.33 -0.69 N | 30.25 1.47 0.00 N | 25.97 1.22 0.00 N | 26.15 1.21 0.00 N | 26.78 1.45 0.00 N | 49.56 3.05 -4.29 N | 56.21 2.81 -16.39 N | 57.62 2.40 -18.48 N | 59.95 2.29 -23.97 N | 59.37 2.86 -15.47 N | 95.60 3.37 -43.79 N | 75.75 3.20 -27.43 N | 76.38 2.99 -26.22 N | 79.15 3.50 -24.87 N | 80.62 4.05 -20.70 N | 60.34 3.18 -15.39 N | 58.27 3.33 -6.78 N | 58.49 2.93 -9.71 N | 58.01 2.93 -3.10 N | 60.37 3.15 -6.83 N | 63.71 3.25 -8.03 N | 59.80 3.05 -5.61 N | 57.35 2.40 -11.97 N |

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| PPL PILGRIM_ST_GT1 24216 | 55.19 3.15 -2.68 N | 41.60 2.16 -0.69 N | 30.14 1.36 0.00 N | 25.87 1.13 0.00 N | 26.08 1.14 0.00 N | 26.68 1.34 0.00 N | 49.40 2.89 -4.29 N | 56.23 2.83 -16.39 N | 57.74 2.52 -18.48 N | 60.05 2.40 -23.97 N | 59.51 3.00 -15.47 N | 95.82 3.59 -43.79 N | 76.02 3.47 -27.43 N | 77.05 3.66 -26.22 N | 79.90 4.25 -24.87 N | 81.45 4.88 -20.70 N | 60.87 3.71 -15.39 N | 58.81 3.87 -6.78 N | 59.02 3.45 -9.71 N | 58.61 3.54 -3.10 N | 60.95 3.69 -6.88 N | 63.87 3.41 -8.03 N | 60.08 3.32 -5.61 N | 57.50 2.56 -11.97 N |
| PPL PILGRIM_ST_GT2 24217 | 55.19 3.15 -2.68 N | 41.60 2.16 -0.69 N | 30.14 1.36 0.00 N | 25.87 1.13 0.00 N | 26.08 1.14 0.00 N | 26.68 1.34 0.00 N | 49.40 2.89 -4.29 N | 56.23 2.83 -16.39 N | 57.74 2.52 -18.48 N | 60.05 2.40 -23.97 N | 59.51 3.00 -15.47 N | 95.82 3.59 -43.79 N | 76.02 3.47 -27.43 N | 77.05 3.66 -26.22 N | 79.90 4.25 -24.87 N | 81.45 4.88 -20.70 N | 60.87 3.71 -15.39 N | 58.81 3.87 -6.78 N | 59.02 3.45 -9.71 N | 58.61 3.54 -3.10 N | 60.95 3.69 -6.88 N | 63.87 3.41 -8.03 N | 60.08 3.32 -5.61 N | 57.50 2.56 -11.97 N |
| PPL_SHRM_GT3 24213 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| PPL_SHRM_GT4 24214 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| PROJECT___ORANGE 23990 | 49.36 0.00 0.00 N | 38.74 0.00 0.00 N | 28.79 0.00 0.00 N | 24.74 0.00 0.00 N | 24.95 0.00 0.00 N | 25.34 0.00 0.00 N | 42.21 0.00 0.00 N | 37.01 0.00 0.00 N | 36.74 0.00 0.00 N | 33.69 0.00 0.00 N | 41.03 0.00 0.00 N | 48.44 0.00 0.00 N | 45.13 0.00 0.00 N | 47.17 0.00 0.00 N | 50.79 0.00 0.00 N | 55.87 0.00 0.00 N | 41.76 0.00 0.00 N | 48.15 0.00 0.00 N | 45.86 0.00 0.00 N | 51.97 0.00 0.00 N | 50.38 0.00 0.00 N | 52.43 0.00 0.00 N | 51.14 0.00 0.00 N | 42.97 0.00 0.00 N |
| PROJECT___ORANGE 1 24174 | 48.74 -0.62 0.00 N | 38.19 -0.55 0.00 N | 28.44 -0.34 0.00 N | 24.47 -0.27 0.00 N | 24.65 -0.30 0.00 N | 25.06 -0.28 0.00 N | 41.76 -0.46 0.00 N | 36.59 -0.43 0.00 N | 36.29 -0.45 0.00 N | 33.26 -0.43 0.00 N | 40.50 -0.53 0.00 N | 47.80 -0.65 0.00 N | 44.54 -0.59 0.00 N | 46.62 -0.55 0.00 N | 50.16 -0.63 0.00 N | 55.09 -0.78 0.00 N | 41.15 -0.62 0.00 N | 47.50 -0.65 0.00 N | 45.23 -0.63 0.00 N | 51.25 -0.71 0.00 N | 49.58 -0.80 0.00 N | 51.73 -0.70 0.00 N | 50.38 -0.76 0.00 N | 42.40 -0.57 0.00 N |
| PROJECT___ORANGE 2 24166 | 48.74 -0.62 0.00 N | 38.19 -0.55 0.00 N | 28.44 -0.34 0.00 N | 24.47 -0.27 0.00 N | 24.65 -0.30 0.00 N | 25.06 -0.28 0.00 N | 41.76 -0.46 0.00 N | 36.59 -0.43 0.00 N | 36.29 -0.45 0.00 N | 33.26 -0.43 0.00 N | 40.50 -0.53 0.00 N | 47.80 -0.65 0.00 N | 44.54 -0.59 0.00 N | 46.62 -0.55 0.00 N | 50.16 -0.63 0.00 N | 55.09 -0.78 0.00 N | 41.15 -0.62 0.00 N | 47.50 -0.65 0.00 N | 45.23 -0.63 0.00 N | 51.25 -0.71 0.00 N | 49.58 -0.80 0.00 N | 51.73 -0.70 0.00 N | 50.38 -0.76 0.00 N | 42.40 -0.57 0.00 N |
| PYRITES___HYD 24023 | 53.17 3.81 0.00 N | 41.77 3.03 0.00 N | 31.01 2.22 0.00 N | 26.58 1.83 0.00 N | 26.78 1.83 0.00 N | 27.27 1.94 0.00 N | 45.61 3.39 0.00 N | 38.97 1.95 0.00 N | 38.71 1.97 0.00 N | 35.39 1.71 0.00 N | 42.87 1.83 0.00 N | 50.68 2.24 0.00 N | 47.14 2.02 0.00 N | 49.32 2.15 0.00 N | 52.85 2.06 0.00 N | 57.69 1.82 0.00 N | 42.86 1.09 0.00 N | 49.98 1.83 0.00 N | 48.41 2.56 0.00 N | 55.47 3.50 0.00 N | 53.48 3.10 0.00 N | 56.13 3.70 0.00 N | 54.73 3.59 0.00 N | 46.22 3.25 0.00 N |
| RANKINE____ 23646 | 44.97 -4.39 0.00 N | 35.13 -3.61 0.00 N | 26.47 -2.32 0.00 N | 22.84 -1.90 0.00 N | 22.94 -2.01 0.00 N | 23.22 -2.12 0.00 N | 38.27 -3.94 0.00 N | 33.64 -3.38 0.00 N | 33.18 -3.56 0.00 N | 30.69 -2.99 0.00 N | 37.68 -3.36 0.00 N | 44.46 -3.98 0.00 N | 41.42 -3.71 0.00 N | 43.46 -3.71 0.00 N | 46.94 -3.85 0.00 N | 51.87 -4.00 0.00 N | 38.95 -2.81 0.00 N | 44.48 -3.67 0.00 N | 42.15 -3.71 0.00 N | 47.05 -4.92 0.00 N | 45.24 -5.14 0.00 N | 47.41 -5.02 0.00 N | 46.40 -4.74 0.00 N | 39.18 -3.79 0.00 N |
| RAVENS GT4-7____ 23728 | 52.06 2.70 0.00 N | 40.50 1.76 0.00 N | 29.97 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.14 0.00 N | 44.78 2.57 0.00 N | 64.83 2.62 -25.20 N | 44.25 2.53 -4.98 N | 63.70 2.45 -27.57 N | 69.32 3.17 -25.11 N | 66.48 3.61 -14.42 N | 74.97 3.47 -26.38 N | 78.76 3.80 -27.79 N | 67.34 3.99 -12.56 N | 75.87 4.77 -15.23 N | 75.77 3.77 -30.23 N | 65.28 4.04 -13.09 N | 56.79 3.60 -7.33 N | 57.09 3.92 -1.20 N | 55.61 4.03 -1.19 N | 56.78 3.84 -0.51 N | 54.74 3.23 -0.37 N | 51.06 2.34 -5.75 N |
| RAVENSWD GT2____ 23730 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWD GT3____ 23733 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT2_1 24244 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |

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| RAVENSWOOD_GT2_2 24245 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT2_3 24246 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT2_4 24247 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT3_1 24248 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT3_2 24249 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT3_3 24250 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT3_4 24251 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT_1 23729 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.79 0.00 N | 25.73 0.78 0.00 N | 26.29 0.96 0.00 N | 53.46 2.21 -9.04 N | 80.29 2.32 -40.95 N | 74.65 2.24 -35.67 N | 77.53 2.18 -41.66 N | 77.64 2.78 -33.83 N | 76.82 3.15 -25.22 N | 76.12 3.02 -27.97 N | 78.30 3.34 -27.79 N | 66.93 3.59 -12.56 N | 75.37 4.27 -15.23 N | 75.36 3.36 -30.23 N | 64.85 3.61 -13.09 N | 56.70 3.24 -7.60 N | 57.56 3.49 -2.10 N | 58.16 3.62 -4.15 N | 61.31 3.37 -5.51 N | 68.19 2.84 -14.21 N | 77.18 2.02 -32.19 N |
| RAVENSWOOD_GT_10 24258 | 52.08 2.72 0.00 N | 40.51 1.77 0.00 N | 29.98 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.15 0.00 N | 44.80 2.58 0.00 N | 64.83 2.62 -25.20 N | 44.26 2.53 -4.98 N | 63.71 2.46 -27.57 N | 69.33 3.18 -25.11 N | 66.49 3.62 -14.42 N | 74.98 3.48 -26.38 N | 78.77 3.81 -27.79 N | 67.35 4.00 -12.56 N | 75.88 4.79 -15.23 N | 75.78 3.78 -30.23 N | 65.29 4.05 -13.09 N | 56.80 3.61 -7.33 N | 57.10 3.93 -1.20 N | 55.62 4.04 -1.19 N | 56.79 3.85 -0.51 N | 54.75 3.24 -0.37 N | 51.07 2.35 -5.75 N |
| RAVENSWOOD_GT_11 24259 | 52.08 2.72 0.00 N | 40.51 1.77 0.00 N | 29.98 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.15 0.00 N | 44.80 2.58 0.00 N | 64.83 2.62 -25.20 N | 44.26 2.53 -4.98 N | 63.71 2.46 -27.57 N | 69.33 3.18 -25.11 N | 66.49 3.62 -14.42 N | 74.98 3.48 -26.38 N | 78.77 3.81 -27.79 N | 67.35 4.00 -12.56 N | 75.88 4.79 -15.23 N | 75.78 3.78 -30.23 N | 65.29 4.05 -13.09 N | 56.80 3.61 -7.33 N | 57.10 3.93 -1.20 N | 55.62 4.04 -1.19 N | 56.79 3.85 -0.51 N | 54.75 3.24 -0.37 N | 51.07 2.35 -5.75 N |
| RAVENSWOOD_GT_4 24252 | 52.06 2.70 0.00 N | 40.50 1.76 0.00 N | 29.97 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.14 0.00 N | 44.78 2.57 0.00 N | 64.83 2.62 -25.20 N | 44.25 2.53 -4.98 N | 63.70 2.45 -27.57 N | 69.32 3.17 -25.11 N | 66.48 3.61 -14.42 N | 74.97 3.47 -26.38 N | 78.76 3.80 -27.79 N | 67.34 3.99 -12.56 N | 75.87 4.77 -15.23 N | 75.77 3.77 -30.23 N | 65.28 4.04 -13.09 N | 56.79 3.60 -7.33 N | 57.09 3.92 -1.20 N | 55.61 4.03 -1.19 N | 56.78 3.84 -0.51 N | 54.74 3.23 -0.37 N | 51.06 2.34 -5.75 N |
| RAVENSWOOD_GT_5 24254 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT_6 24253 | 52.06 2.70 0.00 N | 40.50 1.76 0.00 N | 29.97 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.14 0.00 N | 44.78 2.57 0.00 N | 64.83 2.62 -25.20 N | 44.25 2.53 -4.98 N | 63.70 2.45 -27.57 N | 69.32 3.17 -25.11 N | 66.48 3.61 -14.42 N | 74.97 3.47 -26.38 N | 78.76 3.80 -27.79 N | 67.34 3.99 -12.56 N | 75.87 4.77 -15.23 N | 75.77 3.77 -30.23 N | 65.28 4.04 -13.09 N | 56.79 3.60 -7.33 N | 57.09 3.92 -1.20 N | 55.61 4.03 -1.19 N | 56.78 3.84 -0.51 N | 54.74 3.23 -0.37 N | 51.06 2.34 -5.75 N |

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|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|
| RAVENSWOOD_GT_7 24255 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.78 0.00 N | 25.72 0.78 0.00 N | 26.29 0.95 0.00 N | 44.42 2.21 0.00 N | 64.56 2.35 -25.20 N | 44.02 2.30 -4.98 N | 63.52 2.27 -27.57 N | 69.05 2.90 -25.11 N | 66.16 3.30 -14.42 N | 74.66 3.16 -26.38 N | 78.47 3.50 -27.79 N | 67.10 3.75 -12.56 N | 75.55 4.45 -15.23 N | 75.50 3.50 -30.23 N | 65.01 3.77 -13.09 N | 56.55 3.37 -7.33 N | 56.79 3.62 -1.20 N | 55.32 3.75 -1.19 N | 56.44 3.50 -0.51 N | 54.46 2.95 -0.37 N | 50.80 2.09 -5.75 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 52.08 2.72 0.00 N | 40.51 1.77 0.00 N | 29.98 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.15 0.00 N | 44.80 2.58 0.00 N | 64.83 2.62 -25.20 N | 44.26 2.53 -4.98 N | 63.71 2.46 -27.57 N | 69.33 3.18 -25.11 N | 66.49 3.62 -14.42 N | 74.98 3.48 -26.38 N | 78.77 3.81 -27.79 N | 67.35 4.00 -12.56 N | 75.88 4.79 -15.23 N | 75.78 3.78 -30.23 N | 65.29 4.05 -13.09 N | 56.80 3.61 -7.33 N | 57.10 3.93 -1.20 N | 55.62 4.04 -1.19 N | 56.79 3.85 -0.51 N | 54.75 3.24 -0.37 N | 51.07 2.35 -5.75 N |
| RAVENSWOOD_GT_9 24257 | 52.08 2.72 0.00 N | 40.51 1.77 0.00 N | 29.98 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.15 0.00 N | 44.80 2.58 0.00 N | 64.83 2.62 -25.20 N | 44.26 2.53 -4.98 N | 63.71 2.46 -27.57 N | 69.33 3.18 -25.11 N | 66.49 3.62 -14.42 N | 74.98 3.48 -26.38 N | 78.77 3.81 -27.79 N | 67.35 4.00 -12.56 N | 75.88 4.79 -15.23 N | 75.78 3.78 -30.23 N | 65.29 4.05 -13.09 N | 56.80 3.61 -7.33 N | 57.10 3.93 -1.20 N | 55.62 4.04 -1.19 N | 56.79 3.85 -0.51 N | 54.75 3.24 -0.37 N | 51.07 2.35 -5.75 N |
| RAVENSWOOD___1 23533 | 51.99 2.63 0.00 N | 40.47 1.73 0.00 N | 29.95 1.17 0.00 N | 25.71 0.97 0.00 N | 25.89 0.94 0.00 N | 26.46 1.12 0.00 N | 53.78 2.53 -9.04 N | 80.47 2.51 -40.95 N | 74.78 2.37 -35.67 N | 77.62 2.27 -41.66 N | 77.80 2.94 -33.83 N | 77.01 3.34 -25.22 N | 76.31 3.21 -27.97 N | 78.49 3.53 -27.79 N | 67.06 3.71 -12.56 N | 75.55 4.45 -15.23 N | 75.52 3.52 -30.23 N | 65.00 3.76 -13.09 N | 56.82 3.36 -7.60 N | 57.73 3.67 -2.10 N | 58.31 3.77 -4.15 N | 61.52 3.58 -5.51 N | 68.35 3.00 -14.21 N | 77.33 2.16 -32.19 N |
| RAVENSWOOD___2 23534 | 52.02 2.66 0.00 N | 40.47 1.72 0.00 N | 29.95 1.17 0.00 N | 25.71 0.97 0.00 N | 25.88 0.94 0.00 N | 26.45 1.11 0.00 N | 53.78 2.53 -9.04 N | 80.54 2.57 -40.95 N | 74.87 2.47 -35.67 N | 77.72 2.37 -41.66 N | 77.94 3.08 -33.83 N | 77.17 3.50 -25.22 N | 76.46 3.36 -27.97 N | 78.62 3.66 -27.79 N | 67.12 3.77 -12.56 N | 75.62 4.52 -15.23 N | 75.60 3.60 -30.23 N | 65.06 3.82 -13.09 N | 56.89 3.43 -7.60 N | 57.85 3.79 -2.10 N | 58.45 3.91 -4.15 N | 61.61 3.67 -5.51 N | 68.47 3.12 -14.21 N | 77.45 2.29 -32.19 N |
| RAVENSWOOD___3 23535 | 51.66 2.30 0.00 N | 40.21 1.47 0.00 N | 29.74 0.96 0.00 N | 25.53 0.79 0.00 N | 25.73 0.78 0.00 N | 26.29 0.96 0.00 N | 44.42 2.21 0.00 N | 64.53 2.32 -25.20 N | 43.96 2.24 -4.98 N | 63.44 2.18 -27.57 N | 68.92 2.78 -25.11 N | 66.01 3.15 -14.42 N | 74.53 3.02 -26.38 N | 78.30 3.34 -27.79 N | 66.93 3.59 -12.56 N | 75.37 4.27 -15.23 N | 75.36 3.36 -30.23 N | 64.85 3.61 -13.09 N | 56.42 3.24 -7.33 N | 56.66 3.49 -1.20 N | 55.19 3.62 -1.19 N | 56.30 3.37 -0.51 N | 54.35 2.84 -0.37 N | 50.74 2.02 -5.75 N |
| RAVENSWOOD___4 23820 | 52.10 2.74 0.00 N | 40.53 1.78 0.00 N | 29.99 1.20 0.00 N | 25.74 1.00 0.00 N | 25.92 0.97 0.00 N | 26.49 1.16 0.00 N | 53.85 2.60 -9.04 N | 80.60 2.63 -40.95 N | 74.96 2.55 -35.67 N | 77.82 2.47 -41.66 N | 78.06 3.20 -33.83 N | 77.31 3.64 -25.22 N | 76.59 3.50 -27.97 N | 78.79 3.83 -27.79 N | 67.36 4.02 -12.56 N | 75.91 4.81 -15.23 N | 75.80 3.80 -30.23 N | 65.31 4.07 -13.09 N | 57.09 3.63 -7.60 N | 58.01 3.95 -2.10 N | 58.60 4.06 -4.15 N | 61.81 3.87 -5.51 N | 68.61 3.26 -14.21 N | 77.53 2.37 -32.19 N |
| RAVNSWD 8-11____ 23667 | 52.08 2.72 0.00 N | 40.51 1.77 0.00 N | 29.98 1.19 0.00 N | 25.73 0.99 0.00 N | 25.91 0.96 0.00 N | 26.48 1.15 0.00 N | 44.80 2.58 0.00 N | 64.83 2.62 -25.20 N | 44.26 2.53 -4.98 N | 63.71 2.46 -27.57 N | 69.33 3.18 -25.11 N | 66.49 3.62 -14.42 N | 74.98 3.48 -26.38 N | 78.77 3.81 -27.79 N | 67.35 4.00 -12.56 N | 75.88 4.79 -15.23 N | 75.78 3.78 -30.23 N | 65.29 4.05 -13.09 N | 56.80 3.61 -7.33 N | 57.10 3.93 -1.20 N | 55.62 4.04 -1.19 N | 56.79 3.85 -0.51 N | 54.75 3.24 -0.37 N | 51.07 2.35 -5.75 N |
| RCPL_TRUST___DRP 24196 | 51.65 2.29 0.00 N | 40.20 1.46 0.00 N | 29.74 0.95 0.00 N | 25.52 0.78 0.00 N | 25.72 0.77 0.00 N | 26.29 0.95 0.00 N | 44.41 2.19 0.00 N | 64.57 2.36 -25.20 N | 44.05 2.33 -4.98 N | 63.56 2.31 -27.57 N | 69.10 2.96 -25.11 N | 66.22 3.36 -14.42 N | 74.72 3.22 -26.38 N | 78.53 3.57 -27.79 N | 67.17 3.82 -12.56 N | 75.63 4.53 -15.23 N | 75.57 3.57 -30.23 N | 65.08 3.84 -13.09 N | 56.61 3.43 -7.33 N | 56.85 3.68 -1.20 N | 55.37 3.80 -1.19 N | 56.49 3.55 -0.51 N | 54.50 2.99 -0.37 N | 50.83 2.11 -5.75 N |
| RENSSELAER___COGEN 23796 | 54.58 5.22 0.00 N | 43.03 4.29 0.00 N | 31.82 3.03 0.00 N | 27.25 2.51 0.00 N | 27.63 2.68 0.00 N | 27.98 2.64 0.00 N | 46.68 4.47 0.00 N | 40.65 3.64 0.00 N | 40.42 3.68 0.00 N | 36.83 3.15 0.00 N | 44.39 3.35 0.00 N | 52.51 4.07 0.00 N | 48.81 3.68 0.00 N | 50.65 3.48 0.00 N | 54.38 3.59 0.00 N | 59.29 3.42 0.00 N | 44.03 2.27 0.00 N | 51.32 3.17 0.00 N | 49.18 3.33 0.00 N | 56.44 4.47 0.00 N | 54.95 4.57 0.00 N | 57.29 4.86 0.00 N | 56.15 5.01 0.00 N | 47.26 4.29 0.00 N |
| REVERE_CPPR_DRP 24186 | 51.52 2.16 0.00 N | 40.37 1.63 0.00 N | 29.97 1.18 0.00 N | 25.76 1.02 0.00 N | 25.99 1.04 0.00 N | 26.47 1.13 0.00 N | 44.22 2.01 0.00 N | 38.56 1.54 0.00 N | 38.27 1.54 0.00 N | 35.01 1.33 0.00 N | 42.54 1.50 0.00 N | 50.24 1.80 0.00 N | 46.80 1.68 0.00 N | 48.96 1.79 0.00 N | 52.56 1.78 0.00 N | 57.51 1.64 0.00 N | 42.79 1.03 0.00 N | 49.64 1.49 0.00 N | 47.45 1.60 0.00 N | 54.07 2.10 0.00 N | 52.32 1.94 0.00 N | 54.62 2.19 0.00 N | 53.11 1.97 0.00 N | 44.71 1.74 0.00 N |
| ROCHESTER_9_IC 23652 | 49.78 0.42 0.00 N | 39.09 0.34 0.00 N | 29.21 0.43 0.00 N | 25.10 0.36 0.00 N | 25.31 0.37 0.00 N | 25.59 0.25 0.00 N | 42.50 0.29 0.00 N | 36.93 -0.08 0.00 N | 36.76 0.02 0.00 N | 33.65 -0.04 0.00 N | 40.85 -0.18 0.00 N | 48.35 -0.09 0.00 N | 44.94 -0.18 0.00 N | 46.83 -0.34 0.00 N | 50.35 -0.44 0.00 N | 54.82 -1.05 0.00 N | 40.71 -1.06 0.00 N | 47.20 -0.95 0.00 N | 45.03 -0.83 0.00 N | 51.06 -0.90 0.00 N | 49.21 -1.18 0.00 N | 51.91 -0.52 0.00 N | 51.02 -0.12 0.00 N | 43.20 0.23 0.00 N |
| ROSETON___1 23587 | 50.51 1.15 0.00 N | 39.53 0.79 0.00 N | 29.29 0.50 0.00 N | 25.10 0.36 0.00 N | 25.35 0.40 0.00 N | 25.83 0.49 0.00 N | 43.29 1.07 0.00 N | 38.27 1.25 0.00 N | 37.86 1.12 0.00 N | 34.74 1.06 0.00 N | 42.41 1.38 0.00 N | 49.99 1.55 0.00 N | 46.63 1.50 0.00 N | 48.84 1.67 0.00 N | 52.61 1.82 0.00 N | 57.99 2.13 0.00 N | 43.51 1.75 0.00 N | 49.97 1.82 0.00 N | 47.53 1.67 0.00 N | 53.73 1.76 0.00 N | 52.25 1.87 0.00 N | 53.84 1.41 0.00 N | 52.42 1.28 0.00 N | 43.95 0.98 0.00 N |

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| ROSETON___2 23588 | 50.51 1.15 0.00 N | 39.53 0.79 0.00 N | 29.29 0.50 0.00 N | 25.10 0.36 0.00 N | 25.35 0.40 0.00 N | 25.83 0.49 0.00 N | 43.29 1.07 0.00 N | 38.27 1.25 0.00 N | 37.81 1.07 0.00 N | 34.66 0.97 0.00 N | 42.30 1.27 0.00 N | 49.85 1.41 0.00 N | 46.51 1.38 0.00 N | 48.72 1.55 0.00 N | 52.48 1.69 0.00 N | 57.88 2.01 0.00 N | 43.43 1.66 0.00 N | 49.86 1.71 0.00 N | 47.44 1.58 0.00 N | 53.64 1.67 0.00 N | 52.17 1.78 0.00 N | 53.76 1.33 0.00 N | 52.36 1.22 0.00 N | 43.93 0.96 0.00 N |
| RUSSELL___STATION 23914 | 48.87 -0.49 0.00 N | 38.35 -0.39 0.00 N | 28.66 -0.12 0.00 N | 24.62 -0.13 0.00 N | 24.84 -0.11 0.00 N | 25.12 -0.22 0.00 N | 41.78 -0.44 0.00 N | 36.34 -0.67 0.00 N | 36.20 -0.54 0.00 N | 33.15 -0.54 0.00 N | 40.26 -0.77 0.00 N | 47.64 -0.80 0.00 N | 44.30 -0.83 0.00 N | 46.17 -1.00 0.00 N | 49.64 -1.15 0.00 N | 53.96 -1.91 0.00 N | 40.02 -1.74 0.00 N | 46.39 -1.77 0.00 N | 44.22 -1.64 0.00 N | 50.13 -1.84 0.00 N | 48.30 -2.08 0.00 N | 50.95 -1.48 0.00 N | 50.02 -1.12 0.00 N | 42.33 -0.64 0.00 N |
| S SALMON___HYD 24043 | 49.79 0.43 0.00 N | 39.01 0.27 0.00 N | 29.02 0.23 0.00 N | 24.95 0.21 0.00 N | 25.13 0.19 0.00 N | 25.57 0.23 0.00 N | 42.69 0.47 0.00 N | 37.10 0.09 0.00 N | 36.83 0.09 0.00 N | 33.70 0.02 0.00 N | 40.92 -0.11 0.00 N | 48.34 -0.10 0.00 N | 45.01 -0.11 0.00 N | 47.22 0.05 0.00 N | 50.77 -0.02 0.00 N | 55.60 -0.26 0.00 N | 41.40 -0.37 0.00 N | 48.01 -0.15 0.00 N | 45.84 -0.02 0.00 N | 51.99 0.03 0.00 N | 50.23 -0.15 0.00 N | 52.53 0.10 0.00 N | 51.15 0.01 0.00 N | 43.14 0.17 0.00 N |
| SELKIRK___II 23799 | 53.37 4.01 0.00 N | 42.05 3.31 0.00 N | 31.06 2.28 0.00 N | 26.57 1.83 0.00 N | 27.00 2.06 0.00 N | 27.51 2.18 0.00 N | 45.90 3.69 0.00 N | 39.94 2.92 0.00 N | 39.76 3.02 0.00 N | 36.26 2.57 0.00 N | 43.73 2.70 0.00 N | 51.69 3.25 0.00 N | 48.04 2.92 0.00 N | 49.91 2.74 0.00 N | 53.59 2.80 0.00 N | 58.42 2.55 0.00 N | 43.41 1.65 0.00 N | 50.58 2.43 0.00 N | 48.46 2.60 0.00 N | 55.58 3.62 0.00 N | 54.11 3.73 0.00 N | 56.43 4.00 0.00 N | 55.31 4.17 0.00 N | 46.58 3.61 0.00 N |
| SELKIRK___I 23801 | 53.56 4.20 0.00 N | 42.16 3.42 0.00 N | 31.19 2.40 0.00 N | 26.71 1.97 0.00 N | 27.05 2.11 0.00 N | 27.44 2.10 0.00 N | 45.67 3.46 0.00 N | 39.77 2.75 0.00 N | 39.55 2.81 0.00 N | 36.06 2.37 0.00 N | 43.52 2.49 0.00 N | 51.40 2.96 0.00 N | 47.78 2.65 0.00 N | 49.69 2.51 0.00 N | 53.35 2.56 0.00 N | 58.16 2.29 0.00 N | 43.25 1.48 0.00 N | 50.37 2.22 0.00 N | 48.25 2.39 0.00 N | 55.32 3.35 0.00 N | 53.88 3.49 0.00 N | 56.15 3.72 0.00 N | 55.01 3.87 0.00 N | 46.34 3.37 0.00 N |
| SENECA OSWGO___HYD 24041 | 48.39 -0.97 0.00 N | 37.91 -0.83 0.00 N | 28.22 -0.56 0.00 N | 24.26 -0.48 0.00 N | 24.45 -0.49 0.00 N | 24.86 -0.47 0.00 N | 41.46 -0.76 0.00 N | 36.30 -0.72 0.00 N | 36.01 -0.73 0.00 N | 32.99 -0.70 0.00 N | 40.15 -0.88 0.00 N | 47.39 -1.05 0.00 N | 44.15 -0.97 0.00 N | 46.21 -0.96 0.00 N | 49.75 -1.04 0.00 N | 54.68 -1.19 0.00 N | 40.83 -0.94 0.00 N | 47.17 -0.98 0.00 N | 44.92 -0.94 0.00 N | 50.91 -1.06 0.00 N | 49.25 -1.13 0.00 N | 51.40 -1.03 0.00 N | 50.10 -1.04 0.00 N | 42.17 -0.80 0.00 N |
| SENECA___ENERGY 23797 | 50.69 1.33 0.00 N | 39.24 0.49 0.00 N | 29.38 0.59 0.00 N | 25.49 0.75 0.00 N | 25.74 0.79 0.00 N | 26.27 0.94 0.00 N | 43.97 1.76 0.00 N | 38.51 1.50 0.00 N | 38.32 1.58 0.00 N | 35.25 1.57 0.00 N | 42.88 1.85 0.00 N | 50.49 2.05 0.00 N | 47.10 1.97 0.00 N | 49.34 2.17 0.00 N | 53.00 2.21 0.00 N | 57.97 2.10 0.00 N | 43.50 1.73 0.00 N | 50.26 2.11 0.00 N | 47.67 1.82 0.00 N | 54.18 2.21 0.00 N | 52.55 2.16 0.00 N | 54.40 1.97 0.00 N | 52.64 1.50 0.00 N | 44.06 1.09 0.00 N |
| SHOEMAKER___GT 23640 | 49.50 0.14 0.00 N | 38.72 -0.03 0.00 N | 28.70 -0.08 0.00 N | 24.67 -0.07 0.00 N | 24.82 -0.12 0.00 N | 25.32 -0.01 0.00 N | 42.43 0.22 0.00 N | 37.61 0.59 0.00 N | 37.27 0.53 0.00 N | 34.30 0.62 0.00 N | 41.96 0.92 0.00 N | 49.47 1.02 0.00 N | 46.17 1.04 0.00 N | 48.41 1.24 0.00 N | 52.21 1.42 0.00 N | 57.69 1.82 0.00 N | 43.38 1.61 0.00 N | 49.76 1.61 0.00 N | 47.23 1.38 0.00 N | 53.29 1.32 0.00 N | 51.74 1.36 0.00 N | 53.42 0.99 0.00 N | 51.71 0.57 0.00 N | 43.19 0.22 0.00 N |
| SHOREHAM_IC_1 23715 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| SHOREHAM_IC_2 23716 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| SITHE_IND_GS1 24169 | 47.59 -1.77 0.00 N | 37.32 -1.42 0.00 N | 27.78 -1.00 0.00 N | 23.93 -0.81 0.00 N | 24.09 -0.85 0.00 N | 24.46 -0.88 0.00 N | 40.71 -1.50 0.00 N | 35.73 -1.28 0.00 N | 35.43 -1.31 0.00 N | 32.46 -1.22 0.00 N | 39.57 -1.46 0.00 N | 46.71 -1.74 0.00 N | 43.51 -1.61 0.00 N | 45.52 -1.66 0.00 N | 49.03 -1.76 0.00 N | 53.96 -1.91 0.00 N | 40.34 -1.42 0.00 N | 46.48 -1.67 0.00 N | 44.23 -1.63 0.00 N | 50.04 -1.93 0.00 N | 48.46 -1.93 0.00 N | 50.49 -1.94 0.00 N | 49.28 -1.86 0.00 N | 41.44 -1.53 0.00 N |
| SITHE_IND_GS2 24170 | 47.59 -1.77 0.00 N | 37.32 -1.42 0.00 N | 27.78 -1.00 0.00 N | 23.93 -0.81 0.00 N | 24.09 -0.85 0.00 N | 24.46 -0.88 0.00 N | 40.71 -1.50 0.00 N | 35.73 -1.28 0.00 N | 35.43 -1.31 0.00 N | 32.46 -1.22 0.00 N | 39.57 -1.46 0.00 N | 46.71 -1.74 0.00 N | 43.51 -1.61 0.00 N | 45.52 -1.66 0.00 N | 49.03 -1.76 0.00 N | 53.96 -1.91 0.00 N | 40.34 -1.42 0.00 N | 46.48 -1.67 0.00 N | 44.23 -1.63 0.00 N | 50.04 -1.93 0.00 N | 48.46 -1.93 0.00 N | 50.49 -1.94 0.00 N | 49.28 -1.86 0.00 N | 41.44 -1.53 0.00 N |
| SITHE_IND_GS3 24171 | 47.59 -1.77 0.00 N | 37.32 -1.42 0.00 N | 27.78 -1.00 0.00 N | 23.93 -0.81 0.00 N | 24.09 -0.85 0.00 N | 24.46 -0.88 0.00 N | 40.71 -1.50 0.00 N | 35.73 -1.28 0.00 N | 35.43 -1.31 0.00 N | 32.46 -1.22 0.00 N | 39.57 -1.46 0.00 N | 46.71 -1.74 0.00 N | 43.51 -1.61 0.00 N | 45.52 -1.66 0.00 N | 49.03 -1.76 0.00 N | 53.96 -1.91 0.00 N | 40.34 -1.42 0.00 N | 46.48 -1.67 0.00 N | 44.23 -1.63 0.00 N | 50.04 -1.93 0.00 N | 48.46 -1.93 0.00 N | 50.49 -1.94 0.00 N | 49.28 -1.86 0.00 N | 41.44 -1.53 0.00 N |

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| SITHE_IND_GS4 24172 | 47.59 -1.77 0.00 N | 37.32 -1.42 0.00 N | 27.78 -1.00 0.00 N | 23.93 -0.81 0.00 N | 24.09 -0.85 0.00 N | 24.46 -0.88 0.00 N | 40.71 -1.50 0.00 N | 35.73 -1.28 0.00 N | 35.43 -1.31 0.00 N | 32.46 -1.22 0.00 N | 39.57 -1.46 0.00 N | 46.71 -1.74 0.00 N | 43.51 -1.61 0.00 N | 45.52 -1.66 0.00 N | 49.03 -1.76 0.00 N | 53.96 -1.91 0.00 N | 40.34 -1.42 0.00 N | 46.48 -1.67 0.00 N | 44.23 -1.63 0.00 N | 50.04 -1.93 0.00 N | 48.46 -1.93 0.00 N | 50.49 -1.94 0.00 N | 49.28 -1.86 0.00 N | 41.44 -1.53 0.00 N |
| SITHE__BATAVIA 24024 | 47.03 -2.33 0.00 N | 36.74 -2.00 0.00 N | 27.58 -1.21 0.00 N | 23.71 -1.03 0.00 N | 23.83 -1.12 0.00 N | 24.08 -1.25 0.00 N | 39.86 -2.35 0.00 N | 35.15 -1.86 0.00 N | 34.82 -1.92 0.00 N | 32.11 -1.57 0.00 N | 39.31 -1.73 0.00 N | 46.40 -2.05 0.00 N | 43.16 -1.96 0.00 N | 45.12 -2.06 0.00 N | 48.64 -2.15 0.00 N | 53.45 -2.42 0.00 N | 39.99 -1.78 0.00 N | 45.88 -2.27 0.00 N | 43.52 -2.33 0.00 N | 48.81 -3.16 0.00 N | 47.10 -3.28 0.00 N | 49.42 -3.02 0.00 N | 48.49 -2.65 0.00 N | 40.94 -2.03 0.00 N |
| SITHE__INDEPEND 23800 | 47.59 -1.77 0.00 N | 37.32 -1.42 0.00 N | 27.78 -1.00 0.00 N | 23.93 -0.81 0.00 N | 24.09 -0.85 0.00 N | 24.46 -0.88 0.00 N | 40.71 -1.50 0.00 N | 35.73 -1.28 0.00 N | 35.43 -1.31 0.00 N | 32.46 -1.22 0.00 N | 39.57 -1.46 0.00 N | 46.71 -1.74 0.00 N | 43.51 -1.61 0.00 N | 45.52 -1.66 0.00 N | 49.03 -1.76 0.00 N | 53.96 -1.91 0.00 N | 40.34 -1.42 0.00 N | 46.48 -1.67 0.00 N | 44.23 -1.63 0.00 N | 50.04 -1.93 0.00 N | 48.46 -1.93 0.00 N | 50.49 -1.94 0.00 N | 49.28 -1.86 0.00 N | 41.44 -1.53 0.00 N |
| SITHE__MASSENA 23902 | 49.81 0.45 0.00 N | 39.18 0.43 0.00 N | 29.11 0.32 0.00 N | 25.00 0.26 0.00 N | 25.19 0.25 0.00 N | 25.58 0.24 0.00 N | 42.62 0.40 0.00 N | 36.99 -0.02 0.00 N | 36.78 0.04 0.00 N | 33.74 0.05 0.00 N | 41.06 0.03 0.00 N | 48.52 0.08 0.00 N | 45.16 0.04 0.00 N | 47.23 0.06 0.00 N | 50.81 0.02 0.00 N | 55.80 -0.07 0.00 N | 41.65 -0.11 0.00 N | 48.16 0.01 0.00 N | 46.07 0.21 0.00 N | 52.32 0.35 0.00 N | 50.59 0.20 0.00 N | 52.84 0.41 0.00 N | 51.65 0.51 0.00 N | 43.47 0.50 0.00 N |
| SITHE__OGDNSBRG 24021 | 52.49 3.13 0.00 N | 41.26 2.52 0.00 N | 30.61 1.83 0.00 N | 26.27 1.53 0.00 N | 26.48 1.53 0.00 N | 26.94 1.61 0.00 N | 44.99 2.78 0.00 N | 38.79 1.78 0.00 N | 38.60 1.86 0.00 N | 35.34 1.65 0.00 N | 42.85 1.82 0.00 N | 50.66 2.22 0.00 N | 47.14 2.02 0.00 N | 49.32 2.15 0.00 N | 52.91 2.12 0.00 N | 57.81 1.94 0.00 N | 43.01 1.24 0.00 N | 50.06 1.91 0.00 N | 48.04 2.18 0.00 N | 54.84 2.87 0.00 N | 52.89 2.50 0.00 N | 55.47 3.04 0.00 N | 54.14 3.00 0.00 N | 45.70 2.73 0.00 N |
| SITHE__STERLING 23777 | 50.60 1.24 0.00 N | 39.66 0.92 0.00 N | 29.44 0.66 0.00 N | 25.40 0.66 0.00 N | 25.58 0.63 0.00 N | 26.02 0.68 0.00 N | 43.42 1.21 0.00 N | 37.93 0.91 0.00 N | 37.65 0.91 0.00 N | 34.46 0.77 0.00 N | 41.93 0.89 0.00 N | 49.52 1.08 0.00 N | 46.14 1.02 0.00 N | 48.27 1.10 0.00 N | 51.86 1.07 0.00 N | 56.81 0.94 0.00 N | 42.31 0.54 0.00 N | 48.97 0.82 0.00 N | 46.76 0.90 0.00 N | 53.20 1.24 0.00 N | 51.51 1.13 0.00 N | 53.72 1.29 0.00 N | 52.26 1.12 0.00 N | 43.96 0.98 0.00 N |
| SOUTH CAIRO__GT 23612 | 50.68 1.32 0.00 N | 39.86 1.11 0.00 N | 29.56 0.78 0.00 N | 25.35 0.60 0.00 N | 25.65 0.71 0.00 N | 26.13 0.79 0.00 N | 43.40 1.19 0.00 N | 38.30 1.28 0.00 N | 38.01 1.27 0.00 N | 34.92 1.23 0.00 N | 42.52 1.49 0.00 N | 50.28 1.83 0.00 N | 46.85 1.72 0.00 N | 48.83 1.66 0.00 N | 52.64 1.85 0.00 N | 58.04 2.17 0.00 N | 43.42 1.65 0.00 N | 49.97 1.82 0.00 N | 47.55 1.69 0.00 N | 53.89 1.92 0.00 N | 52.40 2.02 0.00 N | 54.43 2.00 0.00 N | 52.95 1.81 0.00 N | 44.35 1.38 0.00 N |
| SOUTH HAMPTN__IC 23720 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| SOUTHOLD__IC 23719 | 55.35 3.31 -2.68 N | 41.70 2.27 -0.69 N | 30.22 1.43 0.00 N | 25.94 1.20 0.00 N | 26.12 1.17 0.00 N | 26.74 1.40 0.00 N | 49.54 3.03 -4.29 N | 56.33 2.93 -16.39 N | 57.88 2.66 -18.48 N | 60.23 2.58 -23.97 N | 59.76 3.25 -15.47 N | 95.99 3.76 -43.79 N | 76.13 3.58 -27.43 N | 77.06 3.67 -26.22 N | 79.92 4.26 -24.87 N | 81.46 4.89 -20.70 N | 60.92 3.77 -15.39 N | 58.90 3.97 -6.78 N | 59.07 3.51 -9.71 N | 58.72 3.65 -3.10 N | 61.12 3.92 -6.82 N | 64.20 3.74 -8.03 N | 60.26 3.50 -5.61 N | 57.59 2.65 -11.97 N |
| ST LAWRENCE____ 23600 | 49.07 -0.29 0.00 N | 38.60 -0.14 0.00 N | 28.72 -0.07 0.00 N | 24.69 -0.05 0.00 N | 24.85 -0.10 0.00 N | 25.21 -0.13 0.00 N | 41.95 -0.26 0.00 N | 36.55 -0.46 0.00 N | 36.33 -0.41 0.00 N | 33.35 -0.34 0.00 N | 40.64 -0.40 0.00 N | 48.01 -0.44 0.00 N | 44.69 -0.43 0.00 N | 46.73 -0.44 0.00 N | 50.32 -0.47 0.00 N | 55.34 -0.53 0.00 N | 41.35 -0.41 0.00 N | 47.72 -0.43 0.00 N | 45.54 -0.32 0.00 N | 51.62 -0.35 0.00 N | 49.94 -0.44 0.00 N | 52.11 -0.33 0.00 N | 50.96 -0.18 0.00 N | 42.88 -0.09 0.00 N |
| STATION 5_MISC_HYD 23604 | 50.18 0.82 0.00 N | 39.25 0.51 0.00 N | 29.29 0.50 0.00 N | 25.08 0.34 0.00 N | 25.32 0.38 0.00 N | 25.73 0.39 0.00 N | 43.13 0.92 0.00 N | 37.85 0.84 0.00 N | 38.16 1.42 0.00 N | 34.67 0.99 0.00 N | 42.39 1.36 0.00 N | 50.12 1.67 0.00 N | 46.72 1.59 0.00 N | 48.73 1.56 0.00 N | 52.28 1.49 0.00 N | 57.06 1.19 0.00 N | 42.28 0.52 0.00 N | 48.93 0.78 0.00 N | 46.45 0.59 0.00 N | 52.63 0.67 0.00 N | 50.72 0.34 0.00 N | 53.56 1.13 0.00 N | 52.25 1.11 0.00 N | 43.83 0.86 0.00 N |
| STURGEON_POOL_HYD 23609 | 51.05 1.69 0.00 N | 39.97 1.23 0.00 N | 29.59 0.81 0.00 N | 25.36 0.62 0.00 N | 25.62 0.68 0.00 N | 26.10 0.76 0.00 N | 43.69 1.48 0.00 N | 38.65 1.63 0.00 N | 38.28 1.54 0.00 N | 34.95 1.26 0.00 N | 42.67 1.64 0.00 N | 50.32 1.88 0.00 N | 46.92 1.79 0.00 N | 49.11 1.94 0.00 N | 52.90 2.11 0.00 N | 58.33 2.47 0.00 N | 43.77 2.00 0.00 N | 50.26 2.11 0.00 N | 47.77 1.91 0.00 N | 54.05 2.08 0.00 N | 52.64 2.26 0.00 N | 54.41 1.98 0.00 N | 53.19 2.05 0.00 N | 44.53 1.55 0.00 N |
| SYRACUSE__POWER 24017 | 48.40 -0.96 0.00 N | 37.91 -0.83 0.00 N | 28.23 -0.55 0.00 N | 24.29 -0.45 0.00 N | 24.50 -0.44 0.00 N | 24.90 -0.43 0.00 N | 41.49 -0.72 0.00 N | 36.34 -0.67 0.00 N | 36.08 -0.66 0.00 N | 33.08 -0.61 0.00 N | 40.31 -0.72 0.00 N | 47.57 -0.88 0.00 N | 44.32 -0.80 0.00 N | 46.40 -0.77 0.00 N | 49.93 -0.86 0.00 N | 54.83 -1.04 0.00 N | 40.97 -0.80 0.00 N | 47.28 -0.87 0.00 N | 45.01 -0.85 0.00 N | 50.98 -0.98 0.00 N | 49.30 -1.08 0.00 N | 51.45 -0.98 0.00 N | 50.08 -1.06 0.00 N | 42.13 -0.84 0.00 N |

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|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|
| Stony____Brook 24151 | 55.42 3.38 -2.68 N | 41.77 2.33 -0.69 N | 30.25 1.47 0.00 N | 25.97 1.22 0.00 N | 26.15 1.21 0.00 N | 26.78 1.45 0.00 N | 49.56 3.05 -4.29 N | 56.21 2.81 -16.39 N | 57.62 2.40 -18.48 N | 59.95 2.29 -23.97 N | 59.37 2.86 -15.47 N | 95.60 3.37 -43.79 N | 75.75 3.20 -27.43 N | 76.38 2.99 -26.22 N | 79.15 3.50 -24.87 N | 80.62 4.05 -20.70 N | 60.34 3.18 -15.39 N | 58.27 3.33 -6.78 N | 58.49 2.93 -9.71 N | 58.01 2.93 -3.10 N | 60.37 3.15 -6.83 N | 63.71 3.25 -8.03 N | 59.80 3.05 -5.61 N | 57.35 2.40 -11.97 N |
| UPPER HUDSON____HYD 24058 | 55.00 5.64 0.00 N | 43.50 4.76 0.00 N | 32.02 3.24 0.00 N | 27.37 2.63 0.00 N | 27.92 2.97 0.00 N | 28.19 2.86 0.00 N | 46.81 4.60 0.00 N | 41.06 4.05 0.00 N | 40.90 4.16 0.00 N | 37.28 3.59 0.00 N | 44.87 3.84 0.00 N | 53.49 5.05 0.00 N | 49.75 4.62 0.00 N | 51.22 4.05 0.00 N | 54.94 4.16 0.00 N | 59.92 4.06 0.00 N | 44.33 2.56 0.00 N | 51.76 3.61 0.00 N | 49.66 3.81 0.00 N | 57.06 5.09 0.00 N | 55.40 5.02 0.00 N | 57.78 5.35 0.00 N | 56.47 5.33 0.00 N | 47.34 4.37 0.00 N |
| UPPER RAQUET____HYD 24056 | 51.10 1.74 0.00 N | 40.16 1.42 0.00 N | 29.84 1.05 0.00 N | 25.58 0.84 0.00 N | 25.78 0.83 0.00 N | 26.22 0.88 0.00 N | 43.78 1.56 0.00 N | 37.44 0.42 0.00 N | 37.12 0.38 0.00 N | 33.97 0.29 0.00 N | 41.25 0.21 0.00 N | 48.75 0.30 0.00 N | 45.35 0.22 0.00 N | 47.43 0.25 0.00 N | 50.92 0.13 0.00 N | 55.78 -0.09 0.00 N | 41.51 -0.25 0.00 N | 48.21 0.06 0.00 N | 46.77 0.91 0.00 N | 53.46 1.49 0.00 N | 51.61 1.22 0.00 N | 54.04 1.61 0.00 N | 52.76 1.62 0.00 N | 44.49 1.52 0.00 N |
| VISCHER____FERRY HYD 24020 | 55.05 5.69 0.00 N | 43.48 4.74 0.00 N | 32.11 3.32 0.00 N | 27.48 2.74 0.00 N | 27.92 2.98 0.00 N | 28.21 2.88 0.00 N | 46.99 4.78 0.00 N | 41.01 3.99 0.00 N | 40.74 4.00 0.00 N | 37.12 3.44 0.00 N | 44.69 3.65 0.00 N | 53.02 4.58 0.00 N | 49.29 4.16 0.00 N | 50.98 3.81 0.00 N | 54.73 3.94 0.00 N | 59.72 3.85 0.00 N | 44.27 2.50 0.00 N | 51.60 3.45 0.00 N | 49.46 3.60 0.00 N | 56.77 4.81 0.00 N | 55.23 4.84 0.00 N | 57.56 5.13 0.00 N | 56.42 5.28 0.00 N | 47.44 4.47 0.00 N |
| WADING RIVER_1-3_GRP5 24038 | 55.40 3.37 -2.68 N | 41.75 2.31 -0.69 N | 30.24 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.43 0.00 N | 49.58 3.08 -4.29 N | 56.37 2.97 -16.39 N | 57.93 2.70 -18.48 N | 60.27 2.62 -23.97 N | 59.80 3.30 -15.47 N | 96.06 3.83 -43.79 N | 76.20 3.65 -27.43 N | 77.14 3.75 -26.22 N | 80.00 4.34 -24.87 N | 81.56 4.99 -20.70 N | 61.00 3.84 -15.39 N | 58.99 4.05 -6.78 N | 59.16 3.59 -9.71 N | 58.80 3.73 -3.10 N | 61.18 3.98 -6.82 N | 64.26 3.80 -8.03 N | 60.32 3.56 -5.61 N | 57.64 2.69 -11.97 N |
| WADING RIVER_IC_1 23522 | 55.40 3.37 -2.68 N | 41.75 2.31 -0.69 N | 30.24 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.43 0.00 N | 49.58 3.08 -4.29 N | 56.37 2.97 -16.39 N | 57.93 2.70 -18.48 N | 60.27 2.62 -23.97 N | 59.80 3.30 -15.47 N | 96.06 3.83 -43.79 N | 76.20 3.65 -27.43 N | 77.14 3.75 -26.22 N | 80.00 4.34 -24.87 N | 81.56 4.99 -20.70 N | 61.00 3.84 -15.39 N | 58.99 4.05 -6.78 N | 59.16 3.59 -9.71 N | 58.80 3.73 -3.10 N | 61.18 3.98 -6.82 N | 64.26 3.80 -8.03 N | 60.32 3.56 -5.61 N | 57.64 2.69 -11.97 N |
| WADING RIVER_IC_2 23547 | 55.40 3.37 -2.68 N | 41.75 2.31 -0.69 N | 30.24 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.43 0.00 N | 49.58 3.08 -4.29 N | 56.37 2.97 -16.39 N | 57.93 2.70 -18.48 N | 60.27 2.62 -23.97 N | 59.80 3.30 -15.47 N | 96.06 3.83 -43.79 N | 76.20 3.65 -27.43 N | 77.14 3.75 -26.22 N | 80.00 4.34 -24.87 N | 81.56 4.99 -20.70 N | 61.00 3.84 -15.39 N | 58.99 4.05 -6.78 N | 59.16 3.59 -9.71 N | 58.80 3.73 -3.10 N | 61.18 3.98 -6.82 N | 64.26 3.80 -8.03 N | 60.32 3.56 -5.61 N | 57.64 2.69 -11.97 N |
| WADING RIVER_IC_3 23601 | 55.40 3.36 -2.68 N | 41.75 2.31 -0.69 N | 30.24 1.46 0.00 N | 25.96 1.22 0.00 N | 26.15 1.20 0.00 N | 26.77 1.43 0.00 N | 49.58 3.07 -4.29 N | 56.37 2.97 -16.39 N | 57.92 2.70 -18.48 N | 60.27 2.62 -23.97 N | 59.80 3.30 -15.47 N | 96.06 3.83 -43.79 N | 76.20 3.65 -27.43 N | 77.14 3.75 -26.22 N | 80.00 4.34 -24.87 N | 81.56 4.99 -20.70 N | 61.00 3.84 -15.39 N | 58.99 4.05 -6.78 N | 59.16 3.60 -9.71 N | 58.81 3.73 -3.10 N | 61.18 3.98 -6.82 N | 64.26 3.80 -8.03 N | 60.32 3.56 -5.61 N | 57.64 2.69 -11.97 N |
| WALDEN____HYDRO 24148 | 50.36 1.00 0.00 N | 39.37 0.62 0.00 N | 29.18 0.39 0.00 N | 25.03 0.29 0.00 N | 25.25 0.30 0.00 N | 25.74 0.41 0.00 N | 43.18 0.96 0.00 N | 38.19 1.18 0.00 N | 37.85 1.11 0.00 N | 34.78 1.10 0.00 N | 42.51 1.47 0.00 N | 50.10 1.65 0.00 N | 46.72 1.60 0.00 N | 48.96 1.79 0.00 N | 52.74 1.95 0.00 N | 58.18 2.32 0.00 N | 43.68 1.91 0.00 N | 50.14 1.99 0.00 N | 47.64 1.78 0.00 N | 53.87 1.90 0.00 N | 52.41 2.02 0.00 N | 54.10 1.67 0.00 N | 52.50 1.36 0.00 N | 43.90 0.92 0.00 N |
| WATERSIDE____6 8 9 23538 | 52.05 2.69 0.00 N | 40.49 1.74 0.00 N | 29.96 1.18 0.00 N | 25.72 0.98 0.00 N | 25.89 0.94 0.00 N | 26.45 1.12 0.00 N | 53.76 2.51 -9.04 N | 80.53 2.56 -40.95 N | 74.87 2.46 -35.67 N | 77.75 2.40 -41.66 N | 77.98 3.11 -33.83 N | 77.21 3.54 -25.22 N | 76.50 3.40 -27.97 N | 78.69 3.73 -27.79 N | 67.26 3.91 -12.56 N | 75.78 4.69 -15.23 N | 75.70 3.70 -30.23 N | 65.21 3.96 -13.09 N | 56.99 3.53 -7.60 N | 57.90 3.83 -2.10 N | 58.49 3.95 -4.15 N | 61.70 3.76 -5.51 N | 68.49 3.14 -14.21 N | 77.44 2.27 -32.19 N |
| WEST BABYLON____IC 23714 | 55.25 3.21 -2.68 N | 41.60 2.17 -0.69 N | 30.24 1.45 0.00 N | 25.96 1.22 0.00 N | 26.14 1.19 0.00 N | 26.67 1.34 0.00 N | 49.30 2.79 -4.29 N | 56.36 2.96 -16.39 N | 58.14 2.92 -18.48 N | 60.51 2.86 -23.97 N | 60.04 3.53 -15.47 N | 96.19 3.96 -43.79 N | 75.89 3.34 -27.43 N | 76.92 3.53 -26.22 N | 79.30 3.65 -24.87 N | 80.86 4.29 -20.70 N | 60.69 3.53 -15.39 N | 58.89 3.96 -6.78 N | 59.43 3.82 -9.75 N | 59.32 4.25 -3.10 N | 62.00 4.46 -7.16 N | 64.82 4.33 -8.06 N | 60.69 3.94 -5.61 N | 57.96 3.02 -11.97 N |
| WEST CANADA____HYD 24049 | 49.68 0.32 0.00 N | 38.98 0.24 0.00 N | 28.97 0.18 0.00 N | 24.91 0.17 0.00 N | 25.11 0.16 0.00 N | 25.49 0.15 0.00 N | 42.48 0.26 0.00 N | 37.33 0.31 0.00 N | 37.02 0.28 0.00 N | 33.94 0.25 0.00 N | 41.34 0.30 0.00 N | 48.80 0.36 0.00 N | 45.46 0.34 0.00 N | 47.50 0.33 0.00 N | 51.14 0.36 0.00 N | 56.27 0.40 0.00 N | 42.07 0.30 0.00 N | 48.49 0.34 0.00 N | 46.17 0.31 0.00 N | 52.34 0.37 0.00 N | 50.79 0.41 0.00 N | 52.79 0.36 0.00 N | 51.46 0.32 0.00 N | 43.21 0.23 0.00 N |
| WESTERN_NY_WIND 24143 | 47.03 -2.33 0.00 N | 36.74 -2.00 0.00 N | 27.58 -1.21 0.00 N | 23.71 -1.03 0.00 N | 23.83 -1.12 0.00 N | 24.08 -1.25 0.00 N | 39.86 -2.35 0.00 N | 35.15 -1.86 0.00 N | 34.82 -1.92 0.00 N | 32.11 -1.57 0.00 N | 39.31 -1.73 0.00 N | 46.40 -2.05 0.00 N | 43.16 -1.96 0.00 N | 45.12 -2.06 0.00 N | 48.64 -2.15 0.00 N | 53.45 -2.42 0.00 N | 39.99 -1.78 0.00 N | 45.88 -2.27 0.00 N | 43.52 -2.33 0.00 N | 48.81 -3.16 0.00 N | 47.10 -3.28 0.00 N | 49.42 -3.02 0.00 N | 48.49 -2.65 0.00 N | 40.94 -2.03 0.00 N |

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