

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

07/09/2004

| Name PTID | 00:00 EDT | 01:00 EDT | 02:00 EDT | 03:00 EDT | 04:00 EDT | 05:00 EDT | 06:00 EDT | 07:00 EDT | 08:00 EDT | 09:00 EDT | 10:00 EDT | 11:00 EDT | 12:00 EDT | 13:00 EDT | 14:00 EDT | 15:00 EDT | 16:00 EDT | 17:00 EDT | 18:00 EDT | 19:00 EDT | 20:00 EDT | 21:00 EDT | 22:00 EDT | 23:00 EDT |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|
| 59TH STREET_GT_1 24138 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -0.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| 74TH STREET_GT_1 24260 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -0.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| 74TH STREET_GT_2 24261 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -0.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| ADK HUDSON___FALLS 24011 | 38.35 3.59 0.00 N | 39.74 3.61 0.00 N | 35.43 3.52 0.00 N | 35.85 3.89 0.00 N | 36.66 3.82 0.00 N | 41.41 3.83 0.00 N | 42.54 4.01 0.00 N | 58.22 3.59 -19.25 N | 53.10 4.27 -5.52 N | 54.41 4.51 -8.71 N | 56.32 5.65 -0.13 N | 56.01 5.04 -2.54 N | 55.35 4.92 0.00 N | 56.90 4.67 0.00 N | 55.43 4.72 0.00 N | 54.52 4.61 0.00 N | 55.98 4.74 0.00 N | 54.88 4.28 -1.20 N | 55.74 4.01 -7.52 N | 51.06 4.16 -2.75 N | 49.28 4.12 -2.65 N | 52.40 4.05 -7.58 N | 51.64 4.26 -2.32 N | 48.78 4.86 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 38.35 3.59 0.00 N | 39.74 3.61 0.00 N | 35.43 3.52 0.00 N | 35.85 3.89 0.00 N | 36.66 3.82 0.00 N | 41.41 3.83 0.00 N | 42.54 4.01 0.00 N | 58.22 3.59 -19.25 N | 53.10 4.27 -5.52 N | 54.41 4.51 -8.71 N | 56.32 5.65 -0.13 N | 56.01 5.04 -2.54 N | 55.35 4.92 0.00 N | 56.90 4.67 0.00 N | 55.43 4.72 0.00 N | 54.52 4.61 0.00 N | 55.98 4.74 0.00 N | 54.88 4.28 -1.20 N | 55.74 4.01 -7.52 N | 51.06 4.16 -2.75 N | 49.28 4.12 -2.65 N | 52.40 4.05 -7.58 N | 51.64 4.26 -2.32 N | 48.78 4.86 0.00 N |
| ADK S GLENS___FALLS 24028 | 38.35 3.59 0.00 N | 39.74 3.61 0.00 N | 35.43 3.52 0.00 N | 35.85 3.89 0.00 N | 36.66 3.82 0.00 N | 41.41 3.83 0.00 N | 42.54 4.01 0.00 N | 58.22 3.59 -19.25 N | 53.10 4.27 -5.52 N | 54.41 4.51 -8.71 N | 56.32 5.65 -0.13 N | 56.01 5.04 -2.54 N | 55.35 4.92 0.00 N | 56.90 4.67 0.00 N | 55.43 4.72 0.00 N | 54.52 4.61 0.00 N | 55.98 4.74 0.00 N | 54.88 4.28 -1.20 N | 55.74 4.01 -7.52 N | 51.06 4.16 -2.75 N | 49.28 4.12 -2.65 N | 52.40 4.05 -7.58 N | 51.64 4.26 -2.32 N | 48.78 4.86 0.00 N |
| ADK_NYS___DAM 23527 | 37.78 3.02 0.00 N | 39.53 3.39 0.00 N | 35.30 3.39 0.00 N | 35.69 3.73 0.00 N | 36.48 3.63 0.00 N | 41.21 3.64 0.00 N | 42.03 3.51 0.00 N | 57.16 2.95 -18.84 N | 52.11 3.40 -5.40 N | 53.35 3.64 -8.52 N | 55.15 4.48 -0.13 N | 54.82 3.91 -2.49 N | 54.20 3.78 0.00 N | 55.74 3.51 0.00 N | 54.68 3.97 0.00 N | 53.78 3.86 0.00 N | 55.14 3.89 0.00 N | 54.22 3.65 -1.17 N | 55.00 3.43 -7.36 N | 50.56 3.73 -2.69 N | 48.93 3.83 -2.60 N | 51.90 3.71 -7.42 N | 51.36 4.04 -2.26 N | 48.32 4.41 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 37.46 2.70 0.00 N | 39.03 2.89 0.00 N | 34.85 2.94 0.00 N | 35.10 3.14 0.00 N | 35.97 3.12 0.00 N | 40.81 3.23 0.00 N | 41.61 3.08 0.00 N | 56.57 2.38 -18.82 N | 51.55 2.85 -5.39 N | 52.66 2.95 -8.52 N | 54.38 3.71 -0.13 N | 54.00 3.09 -2.48 N | 53.29 2.87 0.00 N | 54.87 2.64 0.00 N | 53.51 2.80 0.00 N | 52.74 2.82 0.00 N | 54.07 2.82 0.00 N | 53.33 2.76 -1.17 N | 54.19 2.64 -7.34 N | 49.77 2.94 -2.69 N | 48.15 3.05 -2.59 N | 51.08 2.91 -7.40 N | 50.44 3.12 -2.26 N | 47.44 3.53 0.00 N |
| ALBANY___1 23571 | 37.51 2.75 0.00 N | 39.07 2.94 0.00 N | 34.89 2.98 0.00 N | 35.15 3.18 0.00 N | 36.02 3.17 0.00 N | 40.85 3.28 0.00 N | 41.66 3.14 0.00 N | 56.63 2.43 -18.82 N | 51.62 2.92 -5.39 N | 52.72 3.02 -8.52 N | 54.46 3.80 -0.13 N | 54.08 3.17 -2.48 N | 53.37 2.95 0.00 N | 54.95 2.72 0.00 N | 53.59 2.88 0.00 N | 52.81 2.90 0.00 N | 54.15 2.90 0.00 N | 53.40 2.83 -1.17 N | 54.26 2.71 -7.34 N | 49.84 3.01 -2.69 N | 48.21 3.12 -2.59 N | 51.15 2.98 -7.40 N | 50.51 3.19 -2.26 N | 47.50 3.59 0.00 N |
| ALBANY___2 23572 | 37.51 2.75 0.00 N | 39.07 2.94 0.00 N | 34.89 2.98 0.00 N | 35.15 3.18 0.00 N | 36.02 3.17 0.00 N | 40.85 3.28 0.00 N | 41.66 3.14 0.00 N | 56.63 2.43 -18.82 N | 51.62 2.92 -5.39 N | 52.72 3.02 -8.52 N | 54.46 3.80 -0.13 N | 54.08 3.17 -2.48 N | 53.37 2.95 0.00 N | 54.95 2.72 0.00 N | 53.59 2.88 0.00 N | 52.81 2.90 0.00 N | 54.15 2.90 0.00 N | 53.40 2.83 -1.17 N | 54.26 2.71 -7.34 N | 49.84 3.01 -2.69 N | 48.21 3.12 -2.59 N | 51.15 2.98 -7.40 N | 50.51 3.19 -2.26 N | 47.50 3.59 0.00 N |

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| ALBANY___3 23573 | 37.51 2.75 0.00 N | 39.07 2.94 0.00 N | 34.89 2.98 0.00 N | 35.15 3.18 0.00 N | 36.02 3.17 0.00 N | 40.85 3.28 0.00 N | 41.66 3.14 0.00 N | 56.63 2.43 -18.82 N | 51.62 2.92 -5.39 N | 52.72 3.02 -8.52 N | 54.46 3.80 -0.13 N | 54.08 3.17 -2.48 N | 53.37 2.95 0.00 N | 54.95 2.72 0.00 N | 53.59 2.88 0.00 N | 52.81 2.90 0.00 N | 54.15 2.90 0.00 N | 53.40 2.83 -1.17 N | 54.26 2.71 -7.34 N | 49.84 3.01 -2.69 N | 48.21 3.12 -2.59 N | 51.15 2.98 -7.40 N | 50.51 3.19 -2.26 N | 47.50 3.59 0.00 N |
| ALBANY___4 23574 | 37.51 2.75 0.00 N | 39.07 2.94 0.00 N | 34.89 2.98 0.00 N | 35.15 3.18 0.00 N | 36.02 3.17 0.00 N | 40.85 3.28 0.00 N | 41.66 3.14 0.00 N | 56.58 2.43 -18.77 N | 51.60 2.92 -5.38 N | 52.70 3.02 -8.49 N | 54.46 3.80 -0.13 N | 54.07 3.17 -2.48 N | 53.37 2.95 0.00 N | 54.95 2.72 0.00 N | 53.59 2.88 0.00 N | 52.81 2.90 0.00 N | 54.15 2.90 0.00 N | 53.40 2.83 -1.17 N | 54.25 2.71 -7.33 N | 49.83 3.01 -2.68 N | 48.20 3.12 -2.59 N | 51.13 2.98 -7.39 N | 50.50 3.19 -2.26 N | 47.50 3.59 0.00 N |
| ALCOA_RYNLDS___DRP 24188 | 34.91 0.16 0.00 N | 36.22 0.09 0.00 N | 32.06 0.15 0.00 N | 32.17 0.21 0.00 N | 33.06 0.22 0.00 N | 37.82 0.25 0.00 N | 38.62 0.10 0.00 N | 34.88 -0.33 0.17 N | 42.85 -0.41 0.05 N | 40.74 -0.37 -0.08 N | 50.12 -0.42 0.00 N | 47.96 -0.44 0.02 N | 49.87 -0.55 0.00 N | 51.68 -0.54 0.00 N | 50.31 -0.40 0.00 N | 49.58 -0.34 0.00 N | 50.86 -0.39 0.00 N | 48.98 -0.40 0.01 N | 43.83 -0.32 0.07 N | 44.06 -0.06 0.02 N | 42.40 -0.08 0.02 N | 40.63 -0.07 0.07 N | 45.04 0.00 0.03 N | 44.27 0.35 0.00 N |
| ALLEGHENY___COGEN 23514 | 34.66 -0.10 0.00 N | 36.11 -0.02 0.00 N | 32.06 0.15 0.00 N | 32.17 0.20 0.00 N | 33.03 0.18 0.00 N | 37.79 0.21 0.00 N | 38.52 0.00 0.00 N | 37.59 -0.30 -2.51 N | 43.80 -0.23 -0.72 N | 43.52 -0.17 -2.50 N | 49.78 -0.09 0.66 N | 48.46 -0.21 -0.24 N | 49.92 -0.50 0.00 N | 51.53 -0.69 0.00 N | 50.04 -0.67 0.00 N | 49.38 -0.54 0.00 N | 50.86 -0.38 0.00 N | 49.04 -0.51 -0.16 N | 44.77 -0.43 -0.98 N | 44.23 -0.27 -0.36 N | 42.56 -0.29 -0.35 N | 41.54 -0.22 -0.99 N | 44.99 -0.37 -0.30 N | 43.92 0.01 0.00 N |
| AMERICAN_REF_FUEL 24010 | 31.61 -3.14 0.00 N | 32.73 -3.40 0.00 N | 28.85 -3.06 0.00 N | 28.78 -3.18 0.00 N | 29.60 -3.25 0.00 N | 34.04 -3.53 0.00 N | 34.71 -3.82 0.00 N | 34.05 -3.57 -2.25 N | 39.53 -4.43 -0.64 N | 36.75 -4.55 -0.10 N | 43.07 -5.68 1.79 N | 43.67 -4.98 -0.22 N | 45.44 -4.98 0.00 N | 47.30 -4.93 0.00 N | 45.76 -4.95 0.00 N | 44.99 -4.93 0.00 N | 46.07 -5.17 0.00 N | 44.58 -4.96 -0.14 N | 40.90 -4.19 -0.88 N | 40.48 -3.98 -0.32 N | 38.64 -4.17 -0.31 N | 37.67 -3.99 -0.88 N | 41.29 -4.03 -0.26 N | 40.03 -3.89 0.00 N |
| AMERICAN___BRASS 23903 | 31.61 -3.14 0.00 N | 32.73 -3.40 0.00 N | 28.85 -3.06 0.00 N | 28.78 -3.18 0.00 N | 29.60 -3.25 0.00 N | 34.04 -3.53 0.00 N | 34.71 -3.82 0.00 N | 34.89 -3.57 -3.08 N | 39.77 -4.43 -0.88 N | 37.70 -4.55 -1.05 N | 43.87 -5.68 0.99 N | 43.81 -4.98 -0.36 N | 45.44 -4.98 0.00 N | 47.30 -4.93 0.00 N | 45.76 -4.95 0.00 N | 44.99 -4.93 0.00 N | 46.07 -5.17 0.00 N | 44.63 -4.96 -0.19 N | 41.22 -4.19 -1.20 N | 40.60 -3.98 -0.44 N | 38.75 -4.17 -0.43 N | 38.00 -3.99 -1.21 N | 41.39 -4.03 -0.36 N | 40.03 -3.89 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 37.42 2.66 0.00 N | 38.78 2.65 0.00 N | 33.71 1.80 0.00 N | 33.59 1.63 0.00 N | 34.61 1.77 0.00 N | 39.95 2.37 0.00 N | 41.48 2.96 0.00 N | 53.51 3.35 -14.78 N | 51.64 4.10 -4.23 N | 51.78 3.89 -6.71 N | 55.37 4.73 -0.10 N | 55.04 4.66 -1.95 N | 55.40 4.98 0.00 N | 57.40 5.17 0.00 N | 55.56 4.85 0.00 N | 54.73 4.81 0.00 N | 56.21 4.96 0.00 N | 55.05 4.73 -0.92 N | 53.75 3.77 -5.77 N | 49.49 3.24 -2.11 N | 47.78 3.24 -2.04 N | 49.74 3.15 -5.82 N | 50.40 3.57 -1.77 N | 46.83 2.92 0.00 N |
| ARTHUR_KILL_2 23512 | 37.42 2.66 0.00 N | 38.78 2.65 0.00 N | 33.71 1.80 0.00 N | 33.59 1.63 0.00 N | 34.61 1.77 0.00 N | 39.95 2.37 0.00 N | 41.48 2.96 0.00 N | 53.51 3.35 -14.78 N | 51.64 4.10 -4.23 N | 51.78 3.89 -6.71 N | 55.37 4.73 -0.10 N | 55.04 4.66 -1.95 N | 55.40 4.98 0.00 N | 57.40 5.17 0.00 N | 55.56 4.85 0.00 N | 54.73 4.81 0.00 N | 56.21 4.96 0.00 N | 55.05 4.73 -0.92 N | 53.75 3.77 -5.77 N | 49.49 3.24 -2.11 N | 47.78 3.24 -2.04 N | 49.74 3.15 -5.82 N | 50.40 3.57 -1.77 N | 46.83 2.92 0.00 N |
| ARTHUR_KILL_3 23513 | 37.36 2.60 0.00 N | 38.72 2.59 0.00 N | 33.65 1.74 0.00 N | 33.54 1.58 0.00 N | 34.56 1.72 0.00 N | 39.90 2.33 0.00 N | 41.42 2.90 0.00 N | 53.44 3.29 -14.78 N | 51.57 4.03 -4.23 N | 51.70 3.81 -6.71 N | 55.28 4.63 -0.10 N | 54.96 4.58 -1.95 N | 55.34 4.92 0.00 N | 57.35 5.12 0.00 N | 55.49 4.78 0.00 N | 54.65 4.73 0.00 N | 56.13 4.88 0.00 N | 54.98 4.66 -0.92 N | 53.67 3.69 -5.77 N | 49.40 3.14 -2.11 N | 47.69 3.15 -2.04 N | 49.68 3.09 -5.82 N | 50.33 3.50 -1.77 N | 46.78 2.86 0.00 N |
| ASHOKAN____ 23654 | 36.29 1.54 0.00 N | 37.71 1.58 0.00 N | 33.17 1.26 0.00 N | 33.16 1.20 0.00 N | 34.07 1.22 0.00 N | 38.99 1.42 0.00 N | 40.19 1.66 0.00 N | 53.29 1.93 -15.98 N | 50.35 2.46 -4.58 N | 50.85 2.42 -7.25 N | 53.59 2.95 -0.11 N | 53.43 2.89 -2.11 N | 53.50 3.08 0.00 N | 55.42 3.19 0.00 N | 53.81 3.10 0.00 N | 52.98 3.06 0.00 N | 54.39 3.14 0.00 N | 53.42 3.03 -1.00 N | 53.06 2.60 -6.24 N | 48.77 2.34 -2.28 N | 46.97 2.26 -2.20 N | 49.24 2.18 -6.29 N | 49.34 2.35 -1.93 N | 45.78 1.86 0.00 N |
| ASTORIA 5-9 ____ 23662 | 134.67 3.80 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.73 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.50 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.86 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.75 7.34 -61.18 N | 84.04 6.81 -26.52 N | 61.60 6.58 -5.11 N | 70.02 6.78 -12.00 N | 64.83 6.43 -9.00 N | 55.17 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA GT2____ 23536 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA GT3____ 23731 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |

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| ASTORIA_GT4____ 23727 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT2_1 24094 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT2_2 24095 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT2_3 24096 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT2_4 24097 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT3_1 24098 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT3_2 24099 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT3_3 24100 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT3_4 24101 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT4_1 24102 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT4_2 24103 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT4_3 24104 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT4_4 24105 | 134.62 3.75 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.72 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.49 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.85 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.74 7.34 -61.18 N | 84.04 6.80 -26.52 N | 61.60 6.57 -5.11 N | 70.02 6.77 -12.00 N | 64.82 6.43 -9.00 N | 55.16 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |

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|------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|
| ASTORIA_GT_1 23523 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ASTORIA_GT_10 24110 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ASTORIA_GT_11 24225 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ASTORIA_GT_12 24226 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ASTORIA_GT_13 24227 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ASTORIA_GT_5 24106 | 134.67 3.80 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.73 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.50 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.86 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.75 7.34 -61.18 N | 84.04 6.81 -26.52 N | 61.60 6.58 -5.11 N | 70.02 6.78 -12.00 N | 64.83 6.43 -9.00 N | 55.17 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT_7 24107 | 134.67 3.80 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.73 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.50 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.86 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.75 7.34 -61.18 N | 84.04 6.81 -26.52 N | 61.60 6.58 -5.11 N | 70.02 6.78 -12.00 N | 64.83 6.43 -9.00 N | 55.17 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT_8 24108 | 134.67 3.80 -96.11 N | 74.56 3.91 -34.51 N | 73.68 2.91 -38.86 N | 73.41 2.73 -38.72 N | 73.38 2.92 -37.61 N | 77.23 3.74 -35.91 N | 79.85 4.50 -36.83 N | 66.51 4.67 -26.46 N | 91.82 5.89 -42.62 N | 82.78 5.47 -36.12 N | 95.13 6.86 -37.74 N | 103.73 6.61 -48.69 N | 101.28 6.97 -43.89 N | 120.75 7.34 -61.18 N | 84.04 6.81 -26.52 N | 61.60 6.58 -5.11 N | 70.02 6.78 -12.00 N | 64.83 6.43 -9.00 N | 55.17 5.18 -5.77 N | 56.16 4.62 -7.39 N | 94.51 4.63 -47.38 N | 91.18 4.52 -45.88 N | 102.08 5.04 -51.98 N | 56.27 4.34 -8.01 N |
| ASTORIA_GT_9 24109 | 38.56 3.80 0.00 N | 40.05 3.91 0.00 N | 34.82 2.91 0.00 N | 34.69 2.73 0.00 N | 35.77 2.92 0.00 N | 41.32 3.74 0.00 N | 43.02 4.50 0.00 N | 43.13 4.67 -3.08 N | 50.09 5.89 -0.88 N | 47.72 5.47 -1.05 N | 56.40 6.86 0.99 N | 55.40 6.61 -0.36 N | 57.39 6.97 0.00 N | 59.57 7.34 0.00 N | 57.52 6.81 0.00 N | 56.49 6.58 0.00 N | 58.02 6.78 0.00 N | 56.02 6.43 -0.19 N | 50.60 5.18 -1.20 N | 49.20 4.62 -0.44 N | 47.56 4.63 -0.43 N | 46.51 4.52 -1.21 N | 50.47 5.04 -0.36 N | 48.26 4.34 0.00 N |
| ASTORIA___2 24149 | 134.89 4.02 -96.11 N | 74.77 4.12 -34.51 N | 73.86 3.09 -38.86 N | 73.58 2.90 -38.72 N | 73.56 3.10 -37.61 N | 77.43 3.94 -35.91 N | 80.07 4.72 -36.83 N | 66.72 4.89 -26.46 N | 92.10 6.17 -42.62 N | 83.06 5.75 -36.12 N | 95.48 7.21 -37.74 N | 104.06 6.94 -48.69 N | 101.62 7.31 -43.89 N | 121.09 7.69 -61.18 N | 84.38 7.15 -26.52 N | 61.93 6.90 -5.11 N | 70.35 7.11 -12.00 N | 65.15 6.75 -9.00 N | 55.44 5.46 -5.77 N | 56.43 4.89 -7.39 N | 94.76 4.88 -47.38 N | 91.41 4.76 -45.88 N | 102.33 5.29 -51.98 N | 56.50 4.57 -8.01 N |
| ASTORIA___3 23516 | 76.88 2.89 -39.23 N | 73.55 2.90 -34.51 N | 72.84 2.07 -38.86 N | 72.61 1.93 -38.72 N | 72.24 2.09 -37.30 N | 58.94 2.77 -18.60 N | 72.24 3.35 -30.36 N | 72.57 3.65 -33.54 N | 72.24 4.54 -24.40 N | 73.04 4.23 -27.62 N | 72.98 5.15 -17.29 N | 71.79 5.02 -18.34 N | 70.70 5.33 -14.95 N | 70.99 5.56 -13.20 N | 70.71 5.21 -14.79 N | 70.83 5.13 -15.78 N | 70.85 5.29 -14.32 N | 70.81 5.02 -16.39 N | 69.50 4.01 -21.28 N | 72.21 3.48 -24.59 N | 71.99 3.52 -25.97 N | 71.88 3.43 -27.67 N | 70.97 3.87 -22.04 N | 70.58 3.21 -23.46 N |
| ASTORIA___4 23517 | 77.51 3.52 -39.23 N | 74.27 3.62 -34.51 N | 73.45 2.68 -38.86 N | 73.18 2.50 -38.72 N | 72.85 2.70 -37.30 N | 59.65 3.48 -18.60 N | 73.08 4.19 -30.36 N | 73.26 4.34 -33.54 N | 73.11 5.40 -24.40 N | 73.77 4.96 -27.62 N | 74.01 6.18 -17.29 N | 72.73 5.97 -18.34 N | 71.67 6.30 -14.95 N | 72.07 6.64 -13.20 N | 71.66 6.15 -14.79 N | 71.65 5.96 -15.78 N | 71.71 6.14 -14.32 N | 71.64 5.85 -16.39 N | 70.22 4.73 -21.28 N | 72.97 4.24 -24.59 N | 72.75 4.28 -25.97 N | 72.64 4.20 -27.67 N | 80.50 4.72 -30.72 N | 55.98 4.05 -8.01 N |
| ASTORIA___5 23518 | 133.58 2.71 -96.11 N | 73.33 2.69 -34.51 N | 72.69 1.92 -38.86 N | 72.52 1.83 -38.72 N | 72.49 2.03 -37.61 N | 76.22 2.73 -35.91 N | 78.64 3.29 -36.83 N | 65.40 3.57 -26.46 N | 90.36 4.43 -42.62 N | 81.38 4.07 -36.12 N | 93.17 4.90 -37.74 N | 101.89 4.77 -48.69 N | 99.38 5.07 -43.89 N | 118.70 5.29 -61.18 N | 82.17 4.94 -26.52 N | 59.89 4.87 -5.11 N | 68.27 5.02 -12.00 N | 63.16 4.76 -9.00 N | 53.77 3.79 -5.77 N | 54.85 3.31 -7.39 N | 93.30 3.41 -47.38 N | 89.98 3.32 -45.88 N | 100.75 3.71 -51.98 N | 54.96 3.03 -8.01 N |

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|-------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| ASTRIA 10-13____ 23663 | 76.91 2.92 -39.23 N | 73.58 2.93 -34.51 N | 72.87 2.10 -38.86 N | 72.65 1.96 -38.72 N | 72.28 2.13 -37.30 N | 58.99 2.82 -18.60 N | 72.29 3.41 -30.36 N | 72.62 3.70 -33.54 N | 72.31 4.60 -24.40 N | 73.09 4.28 -27.62 N | 73.04 5.21 -17.29 N | 71.84 5.07 -18.34 N | 70.75 5.38 -14.95 N | 71.05 5.62 -13.20 N | 70.77 5.26 -14.79 N | 70.88 5.18 -15.78 N | 70.91 5.34 -14.32 N | 70.86 5.07 -16.39 N | 69.53 4.04 -21.28 N | 72.24 3.52 -24.59 N | 72.03 3.56 -25.97 N | 71.92 3.48 -27.67 N | 71.02 3.92 -22.04 N | 70.63 3.25 -23.46 N |
| ATHENS_STG_1 23668 | 37.56 2.81 0.00 N | 39.13 2.99 0.00 N | 34.90 2.99 0.00 N | 35.10 3.14 0.00 N | 36.00 3.16 0.00 N | 40.86 3.28 0.00 N | 41.70 3.18 0.00 N | 54.25 2.54 -16.34 N | 51.04 3.05 -4.68 N | 51.72 3.13 -7.41 N | 54.57 3.92 -0.11 N | 53.83 3.25 -2.15 N | 53.43 3.01 0.00 N | 55.04 2.82 0.00 N | 53.63 2.92 0.00 N | 52.87 2.95 0.00 N | 54.22 2.97 0.00 N | 53.32 2.91 -1.02 N | 53.34 2.75 -6.38 N | 49.48 3.00 -2.33 N | 47.88 3.12 -2.25 N | 50.17 2.96 -6.43 N | 50.23 3.20 -1.96 N | 47.50 3.59 0.00 N |
| ATHENS_STG_2 23670 | 37.56 2.81 0.00 N | 39.13 2.99 0.00 N | 34.90 2.99 0.00 N | 35.10 3.14 0.00 N | 36.00 3.16 0.00 N | 40.86 3.28 0.00 N | 41.70 3.18 0.00 N | 54.25 2.54 -16.34 N | 51.04 3.05 -4.68 N | 51.72 3.13 -7.41 N | 54.57 3.92 -0.11 N | 53.83 3.25 -2.15 N | 53.43 3.01 0.00 N | 55.04 2.82 0.00 N | 53.63 2.92 0.00 N | 52.87 2.95 0.00 N | 54.22 2.97 0.00 N | 53.32 2.91 -1.02 N | 53.34 2.75 -6.38 N | 49.48 3.00 -2.33 N | 47.88 3.12 -2.25 N | 50.17 2.96 -6.43 N | 50.23 3.20 -1.96 N | 47.50 3.59 0.00 N |
| ATHENS_STG_3 23677 | 37.56 2.81 0.00 N | 39.13 2.99 0.00 N | 34.90 2.99 0.00 N | 35.10 3.14 0.00 N | 36.00 3.16 0.00 N | 40.86 3.28 0.00 N | 41.70 3.18 0.00 N | 54.25 2.54 -16.34 N | 51.04 3.05 -4.68 N | 51.72 3.13 -7.41 N | 54.57 3.92 -0.11 N | 53.83 3.25 -2.15 N | 53.43 3.01 0.00 N | 55.04 2.82 0.00 N | 53.63 2.92 0.00 N | 52.87 2.95 0.00 N | 54.22 2.97 0.00 N | 53.32 2.91 -1.02 N | 53.34 2.75 -6.38 N | 49.48 3.00 -2.33 N | 47.88 3.12 -2.25 N | 50.17 2.96 -6.43 N | 50.23 3.20 -1.96 N | 47.50 3.59 0.00 N |
| BARRETT 1-8____GRP4 24034 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT 9-12____GRP3 24033 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_1 23704 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_10 23701 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_11 23702 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_12 23703 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_2 23705 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_3 23706 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_4 23707 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |

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| BARRETT_IC_5 23708 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_6 23709 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_7 23710 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_8 23711 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT_IC_9 23700 | 48.50 2.72 -11.02 N | 122.62 3.05 -83.43 N | 70.75 2.12 -36.72 N | 41.09 2.00 -7.13 N | 60.97 2.22 -25.91 N | 61.04 2.87 -20.60 N | 61.38 3.35 -19.51 N | 60.86 3.62 -21.86 N | 63.51 4.41 -15.78 N | 78.84 4.13 -33.52 N | 76.77 4.69 -21.54 N | 73.53 4.92 -20.18 N | 76.66 5.33 -20.91 N | 67.90 5.30 -10.38 N | 80.47 5.26 -24.49 N | 83.26 5.26 -28.08 N | 64.60 5.18 -8.17 N | 59.97 4.99 -5.58 N | 92.73 4.26 -44.26 N | 81.25 3.78 -33.33 N | 86.72 3.84 -40.38 N | 76.88 3.62 -32.49 N | 62.17 3.84 -13.27 N | 56.56 3.49 -9.16 N |
| BARRETT__1 23545 | 48.41 2.63 -11.02 N | 122.50 2.93 -83.43 N | 70.67 2.04 -36.72 N | 41.01 1.91 -7.13 N | 60.89 2.14 -25.91 N | 60.96 2.78 -20.60 N | 61.27 3.23 -19.51 N | 60.74 3.50 -21.86 N | 63.37 4.28 -15.78 N | 78.72 4.00 -33.52 N | 76.54 4.46 -21.54 N | 73.37 4.76 -20.18 N | 76.53 5.20 -20.91 N | 67.76 5.15 -10.38 N | 80.31 5.11 -24.49 N | 83.07 5.07 -28.08 N | 64.38 4.96 -8.17 N | 59.81 4.83 -5.58 N | 92.59 4.12 -44.26 N | 81.12 3.64 -33.33 N | 86.58 3.70 -40.38 N | 76.76 3.50 -32.49 N | 62.04 3.71 -13.27 N | 56.43 3.36 -9.16 N |
| BARRETT__2 23546 | 48.43 2.65 -11.02 N | 122.50 2.93 -83.43 N | 70.61 1.97 -36.72 N | 41.01 1.91 -7.13 N | 60.90 2.15 -25.91 N | 60.97 2.79 -20.60 N | 61.28 3.25 -19.51 N | 60.75 3.51 -21.86 N | 63.37 4.27 -15.78 N | 78.66 3.94 -33.52 N | 76.47 4.40 -21.54 N | 73.26 4.65 -20.18 N | 76.38 5.05 -20.91 N | 67.61 5.01 -10.38 N | 80.23 5.02 -24.49 N | 82.97 4.97 -28.08 N | 64.25 4.83 -8.17 N | 59.68 4.70 -5.58 N | 92.53 4.06 -44.26 N | 81.08 3.61 -33.33 N | 86.60 3.72 -40.38 N | 76.72 3.46 -32.49 N | 62.03 3.69 -13.27 N | 56.45 3.38 -9.16 N |
| BEAVER RIVER__HYD 24048 | 35.94 1.18 0.00 N | 37.45 1.32 0.00 N | 33.36 1.45 0.00 N | 33.59 1.63 0.00 N | 34.53 1.69 0.00 N | 39.36 1.78 0.00 N | 39.89 1.36 0.00 N | 36.12 0.55 -0.19 N | 43.96 0.60 -0.06 N | 41.96 0.68 -0.09 N | 51.42 0.88 -0.01 N | 48.92 0.47 -0.03 N | 50.60 0.18 0.00 N | 52.34 0.11 0.00 N | 51.06 0.35 0.00 N | 50.37 0.45 0.00 N | 51.71 0.47 0.00 N | 49.66 0.25 -0.01 N | 44.57 0.28 -0.07 N | 44.73 0.56 -0.03 N | 43.11 0.58 -0.03 N | 41.40 0.55 -0.07 N | 45.64 0.55 -0.03 N | 45.49 1.58 0.00 N |
| BEEBEE_GT_13 23619 | 34.94 0.19 0.00 N | 36.15 0.02 0.00 N | 32.18 0.27 0.00 N | 32.33 0.37 0.00 N | 33.19 0.34 0.00 N | 37.80 0.23 0.00 N | 38.41 -0.12 0.00 N | 36.61 -0.53 -0.17 N | 43.59 -0.22 -0.50 N | 41.76 0.01 -0.55 N | 49.18 0.18 1.54 N | 48.54 -0.03 -0.15 N | 50.19 -0.23 0.00 N | 51.99 -0.24 0.00 N | 50.56 -0.15 0.00 N | 49.70 -0.21 0.00 N | 50.80 -0.44 0.00 N | 48.81 -0.70 -0.11 N | 44.53 -0.37 -0.69 N | 44.52 0.12 -0.25 N | 42.77 0.02 -0.24 N | 41.55 0.08 -0.69 N | 45.13 -0.13 -0.20 N | 44.26 0.34 0.00 N |
| BETHLEHEM__STEEL 23779 | 31.93 -2.83 0.00 N | 33.07 -3.06 0.00 N | 29.04 -2.87 0.00 N | 28.98 -2.99 0.00 N | 29.81 -3.03 0.00 N | 34.33 -3.25 0.00 N | 35.11 -3.41 0.00 N | 34.72 -3.07 -2.41 N | 40.23 -3.77 -0.69 N | 37.30 -3.89 0.00 N | 43.87 -4.82 1.84 N | 44.59 -4.08 -0.25 N | 46.42 -4.00 0.00 N | 48.31 -3.92 0.00 N | 46.71 -4.00 0.00 N | 45.91 -4.01 0.00 N | 47.05 -4.19 0.00 N | 45.53 -4.02 -0.15 N | 41.69 -3.46 -0.94 N | 41.08 -3.40 -0.34 N | 39.23 -3.60 -0.33 N | 38.30 -3.42 -0.95 N | 41.73 -3.63 -0.29 N | 40.17 -3.74 0.00 N |
| BINGHAMTON__COGEN 23790 | 34.88 0.12 0.00 N | 36.34 0.20 0.00 N | 31.94 0.03 0.00 N | 31.86 -0.10 0.00 N | 32.76 -0.09 0.00 N | 37.72 0.15 0.00 N | 38.84 0.31 0.00 N | 40.84 0.61 -4.85 N | 45.51 0.81 -1.39 N | 44.40 0.74 -2.47 N | 51.33 0.73 -0.06 N | 49.78 0.72 -0.63 N | 51.58 1.16 0.00 N | 53.53 1.30 0.00 N | 51.81 1.10 0.00 N | 50.91 1.00 0.00 N | 52.48 1.24 0.00 N | 50.94 1.24 -0.30 N | 47.02 0.91 -1.89 N | 45.47 0.64 -0.69 N | 43.77 0.60 -0.67 N | 43.26 0.58 -1.91 N | 46.30 0.65 -0.59 N | 44.08 0.16 0.00 N |
| BLACK RIVER__HYD 24047 | 35.68 0.93 0.00 N | 37.19 1.05 0.00 N | 33.17 1.26 0.00 N | 33.44 1.48 0.00 N | 34.38 1.53 0.00 N | 39.15 1.58 0.00 N | 39.56 1.04 0.00 N | 36.03 0.20 -0.45 N | 43.64 0.20 -0.13 N | 41.70 0.31 -0.20 N | 51.01 0.47 -0.01 N | 48.53 0.04 -0.06 N | 50.14 -0.28 0.00 N | 51.83 -0.40 0.00 N | 50.46 -0.25 0.00 N | 49.74 -0.18 0.00 N | 51.07 -0.18 0.00 N | 49.02 -0.40 -0.03 N | 44.11 -0.28 -0.18 N | 44.23 0.02 -0.06 N | 42.64 0.07 -0.06 N | 41.01 0.06 -0.18 N | 45.09 -0.04 -0.06 N | 45.06 1.15 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 37.00 2.25 0.00 N | 38.56 2.42 0.00 N | 34.40 2.49 0.00 N | 34.61 2.64 0.00 N | 35.49 2.64 0.00 N | 40.28 2.70 0.00 N | 40.93 2.41 0.00 N | 55.74 1.78 -18.58 N | 50.76 2.13 -5.32 N | 51.84 2.24 -8.41 N | 53.51 2.84 -0.13 N | 53.13 2.25 -2.45 N | 52.40 1.98 0.00 N | 54.01 1.78 0.00 N | 52.63 1.92 0.00 N | 51.88 1.96 0.00 N | 53.20 1.96 0.00 N | 52.46 1.90 -1.16 N | 53.30 1.83 -7.25 N | 48.91 2.11 -2.65 N | 47.31 2.25 -2.56 N | 50.20 2.12 -7.31 N | 49.55 2.27 -2.22 N | 46.64 2.72 0.00 N |

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| BOC_GAS_DRP 24189 | 36.95 2.20 0.00 N | 38.52 2.38 0.00 N | 34.41 2.50 0.00 N | 34.64 2.68 0.00 N | 35.52 2.67 0.00 N | 40.28 2.71 0.00 N | 41.02 2.49 0.00 N | 55.95 1.81 -18.77 N | 50.85 2.16 -5.38 N | 51.96 2.28 -8.49 N | 53.55 2.88 -0.13 N | 53.18 2.28 -2.48 N | 52.44 2.02 0.00 N | 54.02 1.80 0.00 N | 52.66 1.95 0.00 N | 51.90 1.98 0.00 N | 53.21 1.96 0.00 N | 52.49 1.92 -1.17 N | 53.43 1.89 -7.33 N | 49.04 2.21 -2.68 N | 47.42 2.33 -2.59 N | 50.38 2.22 -7.39 N | 49.70 2.38 -2.26 N | 46.77 2.86 0.00 N |
| BOWLINE___1 23526 | 36.08 1.32 0.00 N | 37.40 1.27 0.00 N | 32.70 0.79 0.00 N | 32.60 0.63 0.00 N | 33.55 0.70 0.00 N | 38.63 1.05 0.00 N | 40.04 1.51 0.00 N | 51.69 1.90 -14.42 N | 49.77 2.33 -4.13 N | 50.04 2.30 -6.54 N | 53.36 2.73 -0.10 N | 53.16 2.83 -1.90 N | 53.54 3.12 0.00 N | 55.57 3.34 0.00 N | 53.85 3.14 0.00 N | 53.08 3.16 0.00 N | 54.55 3.30 0.00 N | 53.50 3.20 -0.90 N | 52.53 2.68 -5.63 N | 48.50 2.29 -2.06 N | 46.72 2.23 -1.99 N | 48.49 2.05 -5.67 N | 49.03 2.24 -1.73 N | 45.56 1.64 0.00 N |
| BOWLINE___2 23595 | 35.96 1.20 0.00 N | 37.29 1.16 0.00 N | 32.61 0.70 0.00 N | 32.51 0.55 0.00 N | 33.46 0.61 0.00 N | 38.53 0.95 0.00 N | 39.93 1.41 0.00 N | 51.45 1.66 -14.42 N | 49.40 1.95 -4.13 N | 49.73 2.00 -6.54 N | 52.91 2.27 -0.10 N | 52.73 2.40 -1.90 N | 53.05 2.63 0.00 N | 55.01 2.78 0.00 N | 53.32 2.61 0.00 N | 52.62 2.70 0.00 N | 54.04 2.79 0.00 N | 53.03 2.73 -0.90 N | 52.23 2.39 -5.63 N | 48.30 2.10 -2.06 N | 46.52 2.03 -1.99 N | 48.24 1.80 -5.67 N | 48.79 2.00 -1.73 N | 45.36 1.44 0.00 N |
| BROOKHAVEN___DRP 24191 | 48.55 2.77 -11.02 N | 122.89 3.32 -83.43 N | 70.97 2.34 -36.72 N | 41.18 2.09 -7.13 N | 61.05 2.29 -25.91 N | 60.98 2.80 -20.60 N | 61.22 3.19 -19.51 N | 60.46 3.22 -21.86 N | 62.90 3.81 -15.78 N | 78.32 3.60 -33.52 N | 75.86 3.79 -21.54 N | 72.75 4.14 -20.18 N | 75.63 4.30 -20.91 N | 66.17 3.57 -10.38 N | 78.90 3.69 -24.49 N | 81.83 3.83 -28.08 N | 63.14 3.72 -8.17 N | 58.41 3.43 -5.58 N | 59.00 2.75 -12.04 N | 57.27 2.34 -10.78 N | 57.91 2.70 -12.70 N | 58.20 2.59 -14.84 N | 61.13 2.80 -13.27 N | 56.16 3.09 -9.16 N |
| BROOKLYN_NAVY_YARD 23515 | 37.19 2.44 0.00 N | 38.57 2.44 0.00 N | 33.52 1.61 0.00 N | 33.41 1.44 0.00 N | 34.43 1.59 0.00 N | 39.73 2.15 0.00 N | 41.24 2.72 0.00 N | 53.25 3.10 -14.78 N | 51.32 3.78 -4.23 N | 51.49 3.59 -6.71 N | 54.98 4.34 -0.10 N | 54.69 4.31 -1.95 N | 55.04 4.62 0.00 N | 56.99 4.76 0.00 N | 55.20 4.49 0.00 N | 54.37 4.45 0.00 N | 55.79 4.55 0.00 N | 54.65 4.33 -0.92 N | 53.38 3.40 -5.77 N | 49.12 2.86 -2.11 N | 47.44 2.90 -2.04 N | 49.42 2.83 -5.82 N | 50.13 3.30 -1.77 N | 46.57 2.65 0.00 N |
| BURROWS___LYONSDAL 23803 | 35.65 0.90 0.00 N | 37.12 0.99 0.00 N | 32.93 1.02 0.00 N | 33.08 1.12 0.00 N | 34.00 1.16 0.00 N | 38.81 1.23 0.00 N | 39.54 1.02 0.00 N | 36.02 0.63 -0.01 N | 44.07 0.75 0.00 N | 41.99 0.78 -0.01 N | 51.54 1.00 -0.01 N | 49.17 0.74 0.00 N | 51.04 0.62 0.00 N | 52.82 0.60 0.00 N | 51.37 0.66 0.00 N | 50.61 0.69 0.00 N | 51.97 0.73 0.00 N | 49.98 0.59 0.00 N | 44.77 0.55 -0.01 N | 44.81 0.66 0.00 N | 43.18 0.68 0.00 N | 41.42 0.64 0.00 N | 45.71 0.65 0.00 N | 45.08 1.16 0.00 N |
| CALPINE BETH_PAGE_GT4 24209 | 48.47 2.69 -11.02 N | 122.49 2.92 -83.43 N | 70.66 2.03 -36.72 N | 40.94 1.85 -7.13 N | 60.79 2.04 -25.91 N | 60.82 2.64 -20.60 N | 61.17 3.14 -19.51 N | 60.62 3.38 -21.86 N | 63.15 4.05 -15.78 N | 78.52 3.81 -33.52 N | 76.45 4.38 -21.54 N | 73.18 4.57 -20.18 N | 76.23 4.90 -20.91 N | 67.41 4.81 -10.38 N | 80.00 4.80 -24.49 N | 82.86 4.86 -28.08 N | 64.27 4.85 -8.17 N | 59.56 4.58 -5.58 N | 63.29 3.79 -15.28 N | 60.54 3.34 -13.06 N | 61.40 3.41 -15.49 N | 60.63 3.24 -16.62 N | 61.81 3.47 -13.27 N | 56.27 3.20 -9.16 N |
| CALPINE_BP_GT1 23823 | 48.47 2.69 -11.02 N | 122.49 2.92 -83.43 N | 70.66 2.03 -36.72 N | 40.94 1.85 -7.13 N | 60.79 2.04 -25.91 N | 60.82 2.64 -20.60 N | 61.17 3.14 -19.51 N | 60.62 3.38 -21.86 N | 63.15 4.05 -15.78 N | 78.52 3.81 -33.52 N | 76.45 4.38 -21.54 N | 73.18 4.57 -20.18 N | 76.23 4.90 -20.91 N | 67.41 4.81 -10.38 N | 80.00 4.80 -24.49 N | 82.86 4.86 -28.08 N | 64.27 4.85 -8.17 N | 59.56 4.58 -5.58 N | 63.29 3.79 -15.28 N | 60.54 3.34 -13.06 N | 61.40 3.41 -15.49 N | 60.63 3.24 -16.62 N | 61.81 3.47 -13.27 N | 56.27 3.20 -9.16 N |
| CALSPAN___DRP 24200 | 31.93 -2.83 0.00 N | 33.07 -3.06 0.00 N | 29.04 -2.87 0.00 N | 28.98 -2.99 0.00 N | 29.81 -3.03 0.00 N | 34.33 -3.25 0.00 N | 35.11 -3.41 0.00 N | 34.72 -3.07 -2.41 N | 40.23 -3.77 -0.69 N | 37.30 -3.89 0.00 N | 43.87 -4.82 1.84 N | 44.59 -4.08 -0.25 N | 46.42 -4.00 0.00 N | 48.31 -3.92 0.00 N | 46.71 -4.00 0.00 N | 45.91 -4.01 0.00 N | 47.05 -4.19 0.00 N | 45.53 -4.02 -0.15 N | 41.69 -3.46 -0.94 N | 41.08 -3.40 -0.34 N | 39.23 -3.60 -0.33 N | 38.30 -3.42 -0.95 N | 41.73 -3.63 -0.29 N | 40.17 -3.74 0.00 N |
| CARR STREET_E_SYR 24060 | 34.05 -0.71 0.00 N | 35.43 -0.71 0.00 N | 31.32 -0.59 0.00 N | 31.38 -0.59 0.00 N | 32.25 -0.59 0.00 N | 36.90 -0.67 0.00 N | 37.72 -0.81 0.00 N | 35.61 -0.80 -1.03 N | 42.66 -0.95 -0.30 N | 40.73 -0.92 -0.46 N | 49.44 -1.12 -0.02 N | 47.49 -1.08 -0.14 N | 49.31 -1.12 0.00 N | 51.10 -1.13 0.00 N | 49.58 -1.13 0.00 N | 48.79 -1.13 0.00 N | 50.09 -1.16 0.00 N | 48.29 -1.17 -0.06 N | 43.59 -1.02 -0.40 N | 43.29 -1.00 -0.15 N | 41.64 -1.00 -0.14 N | 40.22 -0.95 -0.40 N | 44.10 -1.09 -0.13 N | 42.98 -0.93 0.00 N |
| CARTHAGE___PAPER 23857 | 35.68 0.93 0.00 N | 37.19 1.05 0.00 N | 33.17 1.26 0.00 N | 33.44 1.48 0.00 N | 34.38 1.53 0.00 N | 39.15 1.58 0.00 N | 39.56 1.04 0.00 N | 35.96 0.20 -0.38 N | 43.62 0.20 -0.11 N | 41.67 0.31 -0.17 N | 51.01 0.47 -0.01 N | 48.52 0.04 -0.05 N | 50.14 -0.28 0.00 N | 51.83 -0.40 0.00 N | 50.46 -0.25 0.00 N | 49.74 -0.18 0.00 N | 51.07 -0.18 0.00 N | 49.02 -0.40 -0.02 N | 44.08 -0.28 -0.15 N | 44.22 0.02 -0.05 N | 42.63 0.07 -0.05 N | 40.98 0.06 -0.15 N | 45.06 -0.04 -0.04 N | 45.06 1.15 0.00 N |
| CE_DUNWOOD___DRP 24194 | 36.92 2.16 0.00 N | 38.29 2.15 0.00 N | 33.36 1.45 0.00 N | 33.27 1.30 0.00 N | 34.26 1.42 0.00 N | 39.49 1.92 0.00 N | 40.96 2.43 0.00 N | 52.92 2.79 -14.75 N | 50.94 3.41 -4.23 N | 51.12 3.23 -6.69 N | 54.54 3.90 -0.10 N | 54.27 3.89 -1.95 N | 54.61 4.19 0.00 N | 56.59 4.37 0.00 N | 54.82 4.11 0.00 N | 54.00 4.09 0.00 N | 55.47 4.23 0.00 N | 54.36 4.02 -0.92 N | 53.21 3.24 -5.76 N | 49.02 2.77 -2.11 N | 47.32 2.78 -2.03 N | 49.26 2.68 -5.81 N | 49.83 3.00 -1.77 N | 46.35 2.43 0.00 N |
| CE_MILLWOOD___DRP 24193 | 36.66 1.90 0.00 N | 38.04 1.90 0.00 N | 33.17 1.26 0.00 N | 33.09 1.12 0.00 N | 34.07 1.22 0.00 N | 39.26 1.68 0.00 N | 40.69 2.17 0.00 N | 52.62 2.53 -14.71 N | 50.60 3.08 -4.21 N | 50.78 2.92 -6.67 N | 54.16 3.52 -0.10 N | 53.89 3.52 -1.94 N | 54.22 3.80 0.00 N | 56.20 3.97 0.00 N | 54.44 3.73 0.00 N | 53.63 3.71 0.00 N | 55.09 3.85 0.00 N | 54.00 3.69 -0.92 N | 52.91 2.95 -5.74 N | 48.75 2.51 -2.10 N | 47.05 2.51 -2.03 N | 48.98 2.42 -5.79 N | 49.53 2.70 -1.77 N | 46.06 2.15 0.00 N |

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| CE_NYC2_DRP 24202 | 76.88 2.89 -39.23 N | 73.55 2.91 -34.51 N | 72.84 2.07 -38.86 N | 72.62 1.93 -38.72 N | 72.25 2.10 -37.30 N | 58.95 2.77 -18.60 N | 72.24 3.35 -30.36 N | 72.58 3.65 -33.54 N | 72.23 4.53 -24.40 N | 73.03 4.23 -27.62 N | 72.96 5.14 -17.29 N | 71.77 5.01 -18.34 N | 70.68 5.31 -14.95 N | 70.97 5.55 -13.20 N | 70.70 5.19 -14.79 N | 70.82 5.12 -15.78 N | 70.84 5.28 -14.32 N | 70.80 5.01 -16.39 N | 69.49 4.00 -21.28 N | 72.20 3.47 -24.59 N | 71.98 3.51 -25.97 N | 71.87 3.43 -27.67 N | 70.98 3.88 -22.04 N | 70.59 3.21 -23.46 N |
| CE_NYC_DRP 24195 | 37.45 2.69 0.00 N | 38.82 2.68 0.00 N | 33.74 1.83 0.00 N | 33.63 1.67 0.00 N | 34.65 1.81 0.00 N | 40.00 2.42 0.00 N | 41.53 3.00 0.00 N | 53.54 3.38 -14.78 N | 51.68 4.14 -4.23 N | 51.82 3.92 -6.71 N | 55.41 4.77 -0.10 N | 55.11 4.73 -1.95 N | 55.48 5.06 0.00 N | 57.48 5.25 0.00 N | 55.64 4.93 0.00 N | 54.81 4.89 0.00 N | 56.28 5.04 0.00 N | 55.12 4.80 -0.92 N | 53.79 3.81 -5.77 N | 49.53 3.27 -2.11 N | 47.83 3.29 -2.04 N | 49.81 3.22 -5.82 N | 50.47 3.64 -1.77 N | 46.92 3.01 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 36.13 1.38 0.00 N | 37.60 1.46 0.00 N | 33.03 1.12 0.00 N | 33.01 1.05 0.00 N | 33.92 1.08 0.00 N | 38.93 1.35 0.00 N | 40.26 1.73 0.00 N | 53.04 2.03 -15.63 N | 50.18 2.39 -4.48 N | 50.49 2.21 -7.09 N | 53.35 2.70 -0.11 N | 53.13 2.64 -2.06 N | 53.23 2.81 0.00 N | 55.12 2.89 0.00 N | 53.46 2.75 0.00 N | 52.62 2.71 0.00 N | 54.05 2.80 0.00 N | 53.08 2.71 -0.97 N | 52.57 2.25 -6.11 N | 48.36 1.98 -2.23 N | 46.63 1.97 -2.16 N | 48.81 1.88 -6.15 N | 48.97 2.04 -1.87 N | 45.46 1.54 0.00 N |
| CH_MISC_IPPS 23765 | 36.31 1.55 0.00 N | 37.81 1.68 0.00 N | 33.24 1.33 0.00 N | 33.20 1.24 0.00 N | 34.13 1.28 0.00 N | 39.20 1.62 0.00 N | 40.59 2.07 0.00 N | 52.83 2.38 -15.07 N | 50.39 2.76 -4.32 N | 50.54 2.51 -6.84 N | 53.71 3.06 -0.11 N | 53.42 3.00 -1.99 N | 53.60 3.18 0.00 N | 55.53 3.31 0.00 N | 53.85 3.14 0.00 N | 53.02 3.10 0.00 N | 54.46 3.22 0.00 N | 53.42 3.08 -0.94 N | 52.65 2.55 -5.89 N | 48.52 2.23 -2.15 N | 46.79 2.21 -2.08 N | 48.82 2.11 -5.93 N | 49.12 2.26 -1.80 N | 45.61 1.70 0.00 N |
| CH_RES_BVR_FALLS 23983 | 34.80 0.04 0.00 N | 36.17 0.03 0.00 N | 31.95 0.04 0.00 N | 32.01 0.05 0.00 N | 32.90 0.05 0.00 N | 37.63 0.06 0.00 N | 38.56 0.03 0.00 N | 34.58 -0.04 0.76 N | 43.05 -0.05 0.22 N | 40.81 -0.04 0.34 N | 50.49 -0.04 0.00 N | 48.28 -0.04 0.10 N | 50.36 -0.06 0.00 N | 52.18 -0.05 0.00 N | 50.68 -0.03 0.00 N | 49.89 -0.03 0.00 N | 51.21 -0.03 0.00 N | 49.32 -0.03 0.05 N | 43.90 -0.02 0.30 N | 44.06 0.02 0.11 N | 42.42 0.02 0.10 N | 40.50 0.02 0.30 N | 45.01 0.04 0.10 N | 44.01 0.09 0.00 N |
| CH_RES_NIAGARA 23895 | 31.41 -3.34 0.00 N | 32.50 -3.64 0.00 N | 28.65 -3.26 0.00 N | 28.58 -3.38 0.00 N | 29.37 -3.48 0.00 N | 33.78 -3.80 0.00 N | 34.35 -4.18 0.00 N | 33.57 -4.02 -2.21 N | 38.86 -5.08 -0.63 N | 36.06 -5.24 -0.11 N | 42.15 -6.60 1.78 N | 42.79 -5.85 -0.22 N | 44.49 -5.93 0.00 N | 46.32 -5.91 0.00 N | 44.84 -5.87 0.00 N | 44.11 -5.81 0.00 N | 45.19 -6.06 0.00 N | 43.75 -5.78 -0.14 N | 40.29 -4.79 -0.86 N | 39.98 -4.48 -0.32 N | 38.11 -4.70 -0.30 N | 37.12 -4.53 -0.87 N | 40.62 -4.70 -0.26 N | 39.34 -4.57 0.00 N |
| CH_RES_SYRACUSE 23985 | 33.48 -1.27 0.00 N | 34.83 -1.30 0.00 N | 30.78 -1.13 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.17 0.00 N | 36.27 -1.31 0.00 N | 37.04 -1.48 0.00 N | 35.34 -1.40 -1.36 N | 42.03 -1.67 -0.39 N | 40.17 -1.64 -0.61 N | 48.57 -2.00 -0.03 N | 46.74 -1.87 -0.18 N | 48.52 -1.90 0.00 N | 50.32 -1.91 0.00 N | 48.80 -1.91 0.00 N | 48.00 -1.92 0.00 N | 49.27 -1.98 0.00 N | 47.52 -1.96 -0.08 N | 43.03 -1.71 -0.53 N | 42.66 -1.67 -0.19 N | 41.02 -1.67 -0.19 N | 39.71 -1.60 -0.53 N | 43.46 -1.77 -0.16 N | 42.26 -1.65 0.00 N |
| CORNELL____ 23752 | 33.10 -1.66 0.00 N | 34.14 -1.99 0.00 N | 29.91 -2.00 0.00 N | 29.78 -2.18 0.00 N | 30.64 -2.20 0.00 N | 35.14 -2.44 0.00 N | 36.26 -2.26 0.00 N | 36.32 -1.72 -2.67 N | 42.30 -1.78 -0.76 N | 41.21 -1.57 -1.58 N | 49.06 -1.67 -0.19 N | 47.42 -1.36 -0.35 N | 48.76 -1.66 0.00 N | 50.56 -1.67 0.00 N | 49.00 -1.71 0.00 N | 48.28 -1.63 0.00 N | 49.38 -1.86 0.00 N | 47.68 -1.88 -0.17 N | 43.56 -1.69 -1.04 N | 42.78 -1.74 -0.38 N | 41.13 -1.74 -0.37 N | 40.28 -1.54 -1.05 N | 43.34 -2.05 -0.32 N | 41.73 -2.18 0.00 N |
| COXSACKIE___GT 23611 | 35.63 0.87 0.00 N | 37.05 0.91 0.00 N | 32.68 0.77 0.00 N | 32.73 0.77 0.00 N | 33.59 0.74 0.00 N | 38.37 0.79 0.00 N | 39.44 0.92 0.00 N | 53.04 1.11 -16.55 N | 49.48 1.43 -4.74 N | 50.13 1.44 -7.50 N | 52.49 1.84 -0.12 N | 52.45 1.84 -2.18 N | 52.42 2.00 0.00 N | 54.26 2.03 0.00 N | 52.73 2.02 0.00 N | 51.89 1.97 0.00 N | 53.26 2.02 0.00 N | 52.38 1.95 -1.03 N | 52.37 1.70 -6.46 N | 47.99 1.49 -2.37 N | 46.20 1.41 -2.28 N | 48.68 1.39 -6.52 N | 48.48 1.42 -1.99 N | 44.98 1.07 0.00 N |
| CRESCENT___HYD 24018 | 37.64 2.88 0.00 N | 39.22 3.09 0.00 N | 35.02 3.11 0.00 N | 35.33 3.37 0.00 N | 36.17 3.33 0.00 N | 40.97 3.39 0.00 N | 41.86 3.33 0.00 N | 56.97 2.71 -18.89 N | 51.91 3.19 -5.41 N | 53.12 3.38 -8.55 N | 54.90 4.23 -0.13 N | 54.56 3.64 -2.49 N | 53.88 3.46 0.00 N | 55.47 3.24 0.00 N | 54.25 3.54 0.00 N | 53.43 3.51 0.00 N | 54.79 3.54 0.00 N | 53.96 3.38 -1.18 N | 54.78 3.19 -7.38 N | 50.31 3.47 -2.70 N | 48.67 3.56 -2.61 N | 51.64 3.43 -7.44 N | 50.99 3.67 -2.26 N | 47.97 4.05 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 33.48 -1.27 0.00 N | 34.83 -1.30 0.00 N | 30.78 -1.13 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.17 0.00 N | 36.27 -1.31 0.00 N | 37.04 -1.48 0.00 N | 35.34 -1.40 -1.36 N | 42.03 -1.67 -0.39 N | 40.17 -1.64 -0.61 N | 48.57 -2.00 -0.03 N | 46.74 -1.87 -0.18 N | 48.52 -1.90 0.00 N | 50.32 -1.91 0.00 N | 48.80 -1.91 0.00 N | 48.00 -1.92 0.00 N | 49.27 -1.98 0.00 N | 47.52 -1.96 -0.08 N | 43.03 -1.71 -0.53 N | 42.66 -1.67 -0.19 N | 41.02 -1.67 -0.19 N | 39.71 -1.60 -0.53 N | 43.46 -1.77 -0.16 N | 42.26 -1.65 0.00 N |
| CSC___481_PGEN 24222 | 48.53 2.75 -11.02 N | 122.86 3.29 -83.43 N | 70.94 2.31 -36.72 N | 41.15 2.06 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.15 -19.51 N | 60.40 3.16 -21.86 N | 62.84 3.74 -15.78 N | 78.26 3.54 -33.52 N | 75.71 3.64 -21.54 N | 72.60 3.99 -20.18 N | 75.45 4.12 -20.91 N | 65.87 3.27 -10.38 N | 78.58 3.37 -24.49 N | 81.51 3.51 -28.08 N | 62.82 3.40 -8.17 N | 58.10 3.12 -5.58 N | 58.72 2.47 -12.04 N | 57.00 2.08 -10.79 N | 57.73 2.52 -12.70 N | 58.03 2.41 -14.84 N | 60.94 2.61 -13.27 N | 56.07 3.00 -9.16 N |
| DANSKAMMER___I 23586 | 35.95 1.20 0.00 N | 37.52 1.38 0.00 N | 33.04 1.13 0.00 N | 33.00 1.04 0.00 N | 33.93 1.08 0.00 N | 39.00 1.42 0.00 N | 40.38 1.86 0.00 N | 52.59 2.14 -15.07 N | 49.99 2.36 -4.32 N | 50.08 2.05 -6.84 N | 53.09 2.45 -0.11 N | 52.83 2.41 -1.99 N | 52.99 2.57 0.00 N | 54.90 2.67 0.00 N | 53.22 2.51 0.00 N | 52.41 2.49 0.00 N | 53.84 2.60 0.00 N | 52.83 2.50 -0.94 N | 52.12 2.02 -5.89 N | 48.00 1.71 -2.15 N | 46.30 1.72 -2.08 N | 48.34 1.63 -5.93 N | 48.61 1.75 -1.80 N | 45.14 1.23 0.00 N |

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| DANSKAMMER___2 23589 | 35.95 1.20 0.00 N | 37.52 1.38 0.00 N | 33.04 1.13 0.00 N | 33.00 1.04 0.00 N | 33.93 1.08 0.00 N | 39.00 1.42 0.00 N | 40.38 1.86 0.00 N | 52.59 2.14 -15.07 N | 49.99 2.36 -4.32 N | 50.08 2.05 -6.84 N | 53.09 2.45 -0.11 N | 52.83 2.41 -1.99 N | 52.99 2.57 0.00 N | 54.90 2.67 0.00 N | 53.22 2.51 0.00 N | 52.41 2.49 0.00 N | 53.84 2.60 0.00 N | 52.83 2.50 -0.94 N | 52.12 2.02 -5.89 N | 48.00 1.71 -2.15 N | 46.30 1.72 -2.08 N | 48.34 1.63 -5.93 N | 48.61 1.75 -1.80 N | 45.14 1.23 0.00 N |
| DANSKAMMER___3 23590 | 35.95 1.20 0.00 N | 37.52 1.38 0.00 N | 33.04 1.13 0.00 N | 33.00 1.04 0.00 N | 33.93 1.08 0.00 N | 39.00 1.42 0.00 N | 40.38 1.86 0.00 N | 52.59 2.14 -15.07 N | 49.99 2.36 -4.32 N | 50.08 2.05 -6.84 N | 53.09 2.45 -0.11 N | 52.83 2.41 -1.99 N | 52.99 2.57 0.00 N | 54.90 2.67 0.00 N | 53.22 2.51 0.00 N | 52.41 2.49 0.00 N | 53.84 2.60 0.00 N | 52.83 2.50 -0.94 N | 52.12 2.02 -5.89 N | 48.00 1.71 -2.15 N | 46.30 1.72 -2.08 N | 48.34 1.63 -5.93 N | 48.61 1.75 -1.80 N | 45.14 1.23 0.00 N |
| DANSKAMMER___4 23591 | 35.95 1.20 0.00 N | 37.52 1.38 0.00 N | 33.04 1.13 0.00 N | 33.00 1.04 0.00 N | 33.93 1.08 0.00 N | 39.00 1.42 0.00 N | 40.38 1.86 0.00 N | 52.59 2.14 -15.07 N | 49.99 2.36 -4.32 N | 50.08 2.05 -6.84 N | 53.09 2.45 -0.11 N | 52.83 2.41 -1.99 N | 52.99 2.57 0.00 N | 54.90 2.67 0.00 N | 53.22 2.51 0.00 N | 52.41 2.49 0.00 N | 53.84 2.60 0.00 N | 52.83 2.50 -0.94 N | 52.12 2.02 -5.89 N | 48.00 1.71 -2.15 N | 46.30 1.72 -2.08 N | 48.34 1.63 -5.93 N | 48.61 1.75 -1.80 N | 45.14 1.23 0.00 N |
| DANSKAMMER___DIESEL 23592 | 35.95 1.20 0.00 N | 37.52 1.38 0.00 N | 33.04 1.13 0.00 N | 33.00 1.04 0.00 N | 33.93 1.08 0.00 N | 39.00 1.42 0.00 N | 40.38 1.86 0.00 N | 52.59 2.14 -15.07 N | 49.99 2.36 -4.32 N | 50.08 2.05 -6.84 N | 53.09 2.45 -0.11 N | 52.83 2.41 -1.99 N | 52.99 2.57 0.00 N | 54.90 2.67 0.00 N | 53.22 2.51 0.00 N | 52.41 2.49 0.00 N | 53.84 2.60 0.00 N | 52.83 2.50 -0.94 N | 52.12 2.02 -5.89 N | 48.00 1.71 -2.15 N | 46.30 1.72 -2.08 N | 48.34 1.63 -5.93 N | 48.61 1.75 -1.80 N | 45.14 1.23 0.00 N |
| DASHVILLE___HYD 23610 | 36.28 1.53 0.00 N | 37.76 1.62 0.00 N | 33.16 1.25 0.00 N | 33.11 1.15 0.00 N | 34.05 1.20 0.00 N | 39.12 1.54 0.00 N | 40.46 1.94 0.00 N | 52.83 2.23 -15.22 N | 50.28 2.61 -4.36 N | 50.49 2.39 -6.90 N | 53.50 2.86 -0.11 N | 53.22 2.79 -2.01 N | 53.38 2.96 0.00 N | 55.29 3.06 0.00 N | 53.52 2.81 0.00 N | 52.69 2.77 0.00 N | 54.14 2.90 0.00 N | 53.14 2.80 -0.95 N | 52.48 2.32 -5.95 N | 48.47 2.16 -2.18 N | 46.76 2.16 -2.10 N | 48.81 2.05 -5.99 N | 49.11 2.22 -1.83 N | 45.61 1.69 0.00 N |
| DOGLEVILLE___HYD 23807 | 37.22 2.47 0.00 N | 38.80 2.66 0.00 N | 34.09 2.18 0.00 N | 34.11 2.15 0.00 N | 35.05 2.20 0.00 N | 40.05 2.48 0.00 N | 41.61 3.09 0.00 N | 38.58 3.59 0.38 N | 47.56 4.35 0.11 N | 45.31 4.29 0.17 N | 55.75 5.21 0.00 N | 53.36 4.98 0.05 N | 55.66 5.24 0.00 N | 57.45 5.23 0.00 N | 55.73 5.02 0.00 N | 54.92 5.00 0.00 N | 56.46 5.21 0.00 N | 54.52 5.14 0.02 N | 48.51 4.45 0.15 N | 48.16 4.08 0.05 N | 46.52 4.07 0.05 N | 44.51 3.89 0.15 N | 49.12 4.10 0.04 N | 47.16 3.24 0.00 N |
| DUNKIRK___1 23563 | 30.86 -3.90 0.00 N | 32.17 -3.96 0.00 N | 28.10 -3.81 0.00 N | 28.03 -3.93 0.00 N | 28.86 -3.98 0.00 N | 33.29 -4.29 0.00 N | 34.26 -4.27 0.00 N | 34.22 -3.69 -2.53 N | 39.56 -4.48 -0.72 N | 36.81 -4.52 -0.14 N | 43.61 -5.20 1.72 N | 44.53 -4.16 -0.26 N | 46.45 -3.97 0.00 N | 48.23 -3.99 0.00 N | 46.50 -4.21 0.00 N | 45.56 -4.36 0.00 N | 46.68 -4.56 0.00 N | 45.14 -4.41 -0.16 N | 41.04 -4.15 -0.98 N | 40.09 -4.41 -0.36 N | 38.27 -4.58 -0.35 N | 37.52 -4.24 -0.99 N | 40.67 -4.69 -0.30 N | 38.98 -4.93 0.00 N |
| DUNKIRK___2 23564 | 30.86 -3.90 0.00 N | 32.17 -3.96 0.00 N | 28.10 -3.81 0.00 N | 28.03 -3.93 0.00 N | 28.86 -3.98 0.00 N | 33.29 -4.29 0.00 N | 34.26 -4.27 0.00 N | 34.22 -3.69 -2.53 N | 39.56 -4.48 -0.72 N | 36.81 -4.52 -0.14 N | 43.61 -5.20 1.72 N | 44.53 -4.16 -0.26 N | 46.45 -3.97 0.00 N | 48.23 -3.99 0.00 N | 46.50 -4.21 0.00 N | 45.56 -4.36 0.00 N | 46.68 -4.56 0.00 N | 45.14 -4.41 -0.16 N | 41.04 -4.15 -0.98 N | 40.09 -4.41 -0.36 N | 38.27 -4.58 -0.35 N | 37.52 -4.24 -0.99 N | 40.67 -4.69 -0.30 N | 38.98 -4.93 0.00 N |
| DUNKIRK___3 23565 | 31.14 -3.62 0.00 N | 32.40 -3.73 0.00 N | 28.34 -3.57 0.00 N | 28.27 -3.69 0.00 N | 29.11 -3.74 0.00 N | 33.56 -4.02 0.00 N | 34.48 -4.04 0.00 N | 34.44 -3.52 -2.58 N | 39.77 -4.28 -0.74 N | 37.04 -4.35 -0.20 N | 43.78 -5.09 1.67 N | 44.58 -4.12 -0.27 N | 46.47 -3.95 0.00 N | 48.28 -3.95 0.00 N | 46.58 -4.13 0.00 N | 45.67 -4.25 0.00 N | 46.80 -4.45 0.00 N | 45.27 -4.29 -0.16 N | 41.26 -3.96 -1.01 N | 40.37 -4.14 -0.37 N | 38.54 -4.31 -0.36 N | 37.77 -4.02 -1.01 N | 40.96 -4.40 -0.30 N | 39.29 -4.62 0.00 N |
| DUNKIRK___4 23566 | 31.14 -3.62 0.00 N | 32.40 -3.73 0.00 N | 28.34 -3.57 0.00 N | 28.27 -3.69 0.00 N | 29.11 -3.74 0.00 N | 33.56 -4.02 0.00 N | 34.48 -4.04 0.00 N | 34.44 -3.51 -2.58 N | 39.77 -4.28 -0.74 N | 37.04 -4.35 -0.20 N | 43.78 -5.09 1.67 N | 44.58 -4.12 -0.27 N | 46.47 -3.95 0.00 N | 48.28 -3.95 0.00 N | 46.58 -4.13 0.00 N | 45.67 -4.25 0.00 N | 46.80 -4.45 0.00 N | 45.27 -4.29 -0.16 N | 41.26 -3.96 -1.01 N | 40.37 -4.14 -0.37 N | 38.54 -4.31 -0.36 N | 37.77 -4.02 -1.01 N | 40.96 -4.40 -0.30 N | 39.29 -4.62 0.00 N |
| EAST HAMPTON___GT 23717 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| EAST RIVER___6 23660 | 37.49 2.74 0.00 N | 38.86 2.72 0.00 N | 33.76 1.85 0.00 N | 33.64 1.68 0.00 N | 34.68 1.83 0.00 N | 40.03 2.45 0.00 N | 41.58 3.05 0.00 N | 53.61 3.45 -14.78 N | 51.77 4.22 -4.23 N | 51.91 4.01 -6.71 N | 55.54 4.90 -0.10 N | 55.24 4.86 -1.95 N | 55.61 5.19 0.00 N | 57.62 5.39 0.00 N | 55.76 5.05 0.00 N | 54.93 5.01 0.00 N | 56.41 5.16 0.00 N | 55.23 4.91 -0.92 N | 53.87 3.89 -5.77 N | 49.58 3.33 -2.11 N | 47.88 3.34 -2.04 N | 49.87 3.28 -5.82 N | 50.53 3.70 -1.77 N | 46.97 3.05 0.00 N |
| EAST RIVER___7 23524 | 37.49 2.74 0.00 N | 38.86 2.72 0.00 N | 33.76 1.85 0.00 N | 33.64 1.68 0.00 N | 34.68 1.83 0.00 N | 40.03 2.45 0.00 N | 41.58 3.05 0.00 N | 53.61 3.45 -14.78 N | 51.77 4.22 -4.23 N | 51.91 4.01 -6.71 N | 55.54 4.90 -0.10 N | 55.24 4.86 -1.95 N | 55.61 5.19 0.00 N | 57.62 5.39 0.00 N | 55.76 5.05 0.00 N | 54.93 5.01 0.00 N | 56.41 5.16 0.00 N | 55.23 4.91 -0.92 N | 53.87 3.89 -5.77 N | 49.58 3.33 -2.11 N | 47.88 3.34 -2.04 N | 49.87 3.28 -5.82 N | 50.53 3.70 -1.77 N | 46.97 3.05 0.00 N |

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| EAST_HAMPTON___DIESEL 23722 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| ELEC_TRO_TEK 24086 | 48.47 2.70 -11.02 N | 122.46 2.90 -83.43 N | 70.65 2.01 -36.72 N | 40.94 1.84 -7.13 N | 60.78 2.02 -25.91 N | 60.80 2.62 -20.60 N | 61.16 3.13 -19.51 N | 60.63 3.39 -21.86 N | 63.20 4.11 -15.78 N | 78.59 3.87 -33.52 N | 76.57 4.49 -21.54 N | 73.27 4.66 -20.18 N | 76.33 5.01 -20.91 N | 67.57 4.96 -10.38 N | 80.11 4.91 -24.49 N | 82.95 4.95 -28.08 N | 64.38 4.96 -8.17 N | 59.69 4.71 -5.58 N | 68.85 3.90 -20.74 N | 64.45 3.43 -16.88 N | 66.16 3.48 -20.18 N | 63.71 3.32 -19.61 N | 61.88 3.55 -13.27 N | 56.27 3.19 -9.16 N |
| E_CANADA_CAP_HY 24051 | 35.27 0.51 0.00 N | 36.61 0.48 0.00 N | 32.78 0.87 0.00 N | 32.95 0.98 0.00 N | 33.87 1.02 0.00 N | 38.56 0.98 0.00 N | 38.89 0.37 0.00 N | 58.67 -0.65 -23.95 N | 49.68 -0.49 -6.86 N | 51.76 -0.29 -10.85 N | 50.60 -0.11 -0.17 N | 51.14 -0.45 -3.16 N | 49.66 -0.76 0.00 N | 51.49 -0.74 0.00 N | 50.01 -0.70 0.00 N | 49.26 -0.66 0.00 N | 50.50 -0.75 0.00 N | 50.11 -0.78 -1.49 N | 53.13 -0.43 -9.35 N | 47.75 0.18 -3.42 N | 45.94 0.14 -3.30 N | 50.36 0.17 -9.42 N | 47.95 0.01 -2.88 N | 44.96 1.04 0.00 N |
| E_CANADA_MHWK_HY 24050 | 37.22 2.47 0.00 N | 38.80 2.66 0.00 N | 34.09 2.18 0.00 N | 34.11 2.15 0.00 N | 35.05 2.20 0.00 N | 40.05 2.48 0.00 N | 41.61 3.09 0.00 N | 38.58 3.59 0.38 N | 47.56 4.35 0.11 N | 45.31 4.29 0.17 N | 55.75 5.21 0.00 N | 53.36 4.98 0.05 N | 55.66 5.24 0.00 N | 57.45 5.23 0.00 N | 55.73 5.02 0.00 N | 54.92 5.00 0.00 N | 56.46 5.21 0.00 N | 54.52 5.14 0.02 N | 48.51 4.45 0.15 N | 48.16 4.08 0.05 N | 46.52 4.07 0.05 N | 44.51 3.89 0.15 N | 49.12 4.10 0.04 N | 47.16 3.24 0.00 N |
| E_FISHKILL___LBMP 23776 | 35.45 0.70 0.00 N | 36.86 0.72 0.00 N | 32.41 0.50 0.00 N | 32.40 0.43 0.00 N | 33.29 0.44 0.00 N | 38.17 0.59 0.00 N | 39.39 0.87 0.00 N | 51.55 1.16 -15.01 N | 48.95 1.33 -4.30 N | 49.22 1.22 -6.81 N | 52.10 1.46 -0.11 N | 51.87 1.46 -1.98 N | 52.00 1.57 0.00 N | 53.85 1.62 0.00 N | 52.25 1.54 0.00 N | 51.42 1.50 0.00 N | 52.83 1.58 0.00 N | 51.89 1.55 -0.94 N | 51.40 1.33 -5.86 N | 47.44 1.15 -2.15 N | 45.70 1.13 -2.07 N | 47.74 1.06 -5.91 N | 48.02 1.15 -1.80 N | 44.64 0.73 0.00 N |
| FAR ROCKAWAY___4 23548 | 48.57 2.80 -11.02 N | 122.64 3.07 -83.43 N | 70.90 2.27 -36.72 N | 41.30 2.20 -7.13 N | 61.16 2.41 -25.91 N | 61.26 3.09 -20.60 N | 61.42 3.39 -19.51 N | 60.84 3.60 -21.86 N | 63.53 4.44 -15.78 N | 78.60 3.88 -33.52 N | 75.39 3.31 -21.54 N | 71.86 3.25 -20.18 N | 74.99 3.66 -20.91 N | 66.15 3.55 -10.38 N | 78.72 3.51 -24.49 N | 81.52 3.52 -28.08 N | 62.88 3.47 -8.17 N | 58.33 3.35 -5.58 N | 80.36 3.57 -32.58 N | 72.43 3.13 -25.16 N | 76.09 3.23 -30.35 N | 69.85 2.98 -26.09 N | 62.21 3.88 -13.27 N | 56.55 3.47 -9.16 N |
| FENNER___WINDPWR 24204 | 35.38 0.63 0.00 N | 36.85 0.71 0.00 N | 32.65 0.74 0.00 N | 32.76 0.80 0.00 N | 33.67 0.83 0.00 N | 38.46 0.88 0.00 N | 39.23 0.70 0.00 N | 36.19 0.46 -0.35 N | 43.99 0.58 -0.10 N | 41.97 0.60 -0.18 N | 51.31 0.76 -0.02 N | 49.05 0.57 -0.05 N | 50.94 0.52 0.00 N | 52.74 0.51 0.00 N | 51.21 0.50 0.00 N | 50.43 0.51 0.00 N | 51.81 0.56 0.00 N | 49.85 0.43 -0.02 N | 44.77 0.42 -0.14 N | 44.69 0.50 -0.05 N | 43.05 0.50 -0.05 N | 41.39 0.48 -0.14 N | 45.55 0.46 -0.03 N | 44.74 0.83 0.00 N |
| FIBERTEK___ENERGY 23856 | 33.48 -1.27 0.00 N | 34.83 -1.30 0.00 N | 30.78 -1.13 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.17 0.00 N | 36.27 -1.31 0.00 N | 37.04 -1.48 0.00 N | 35.34 -1.40 -1.36 N | 42.03 -1.67 -0.39 N | 40.17 -1.64 -0.61 N | 48.57 -2.00 -0.03 N | 46.74 -1.87 -0.18 N | 48.52 -1.90 0.00 N | 50.32 -1.91 0.00 N | 48.80 -1.91 0.00 N | 48.00 -1.92 0.00 N | 49.27 -1.98 0.00 N | 47.52 -1.96 -0.08 N | 43.03 -1.71 -0.53 N | 42.66 -1.67 -0.19 N | 41.02 -1.67 -0.19 N | 39.71 -1.60 -0.53 N | 43.46 -1.77 -0.16 N | 42.26 -1.65 0.00 N |
| FITZPATRICK___ 23598 | 33.16 -1.59 0.00 N | 34.49 -1.64 0.00 N | 30.44 -1.47 0.00 N | 30.47 -1.49 0.00 N | 31.32 -1.53 0.00 N | 35.85 -1.72 0.00 N | 36.75 -1.78 0.00 N | 34.70 -1.57 -0.89 N | 41.67 -1.90 -0.25 N | 39.71 -1.84 -0.37 N | 48.26 -2.28 0.00 N | 46.43 -2.12 -0.12 N | 48.26 -2.16 0.00 N | 50.02 -2.21 0.00 N | 48.53 -2.18 0.00 N | 47.75 -2.17 0.00 N | 49.02 -2.23 0.00 N | 47.31 -2.15 -0.06 N | 42.65 -1.91 -0.35 N | 42.34 -1.93 -0.13 N | 40.73 -1.90 -0.12 N | 39.31 -1.81 -0.35 N | 43.15 -2.01 -0.10 N | 41.88 -2.04 0.00 N |
| FORT ORANGE___ 23900 | 37.82 3.06 0.00 N | 39.82 3.69 0.00 N | 35.45 3.54 0.00 N | 35.63 3.66 0.00 N | 36.54 3.69 0.00 N | 41.57 4.00 0.00 N | 42.53 4.01 0.00 N | 57.19 3.37 -18.44 N | 52.64 4.05 -5.28 N | 53.62 4.08 -8.35 N | 55.77 5.11 -0.13 N | 55.27 4.40 -2.43 N | 54.64 4.21 0.00 N | 56.33 4.10 0.00 N | 54.88 4.17 0.00 N | 54.11 4.19 0.00 N | 55.49 4.24 0.00 N | 54.66 4.11 -1.15 N | 55.17 3.75 -7.21 N | 50.74 3.96 -2.64 N | 49.14 4.09 -2.55 N | 51.91 3.87 -7.27 N | 51.46 4.17 -2.22 N | 48.35 4.43 0.00 N |
| FORT_DRUM_COGEN 23780 | 35.58 0.82 0.00 N | 37.10 0.96 0.00 N | 33.09 1.18 0.00 N | 33.36 1.40 0.00 N | 34.29 1.45 0.00 N | 39.06 1.48 0.00 N | 39.47 0.95 0.00 N | 35.93 0.12 -0.44 N | 43.54 0.10 -0.13 N | 41.60 0.21 -0.19 N | 50.90 0.35 -0.01 N | 48.42 -0.07 -0.06 N | 50.03 -0.39 0.00 N | 51.71 -0.52 0.00 N | 50.35 -0.36 0.00 N | 49.64 -0.28 0.00 N | 50.96 -0.29 0.00 N | 48.92 -0.50 -0.03 N | 44.01 -0.37 -0.17 N | 44.13 -0.07 -0.06 N | 42.55 -0.02 -0.06 N | 40.91 -0.03 -0.17 N | 44.99 -0.13 -0.06 N | 44.96 1.05 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 48.57 2.80 -11.02 N | 122.64 3.07 -83.43 N | 70.90 2.27 -36.72 N | 41.30 2.20 -7.13 N | 61.16 2.41 -25.91 N | 61.26 3.09 -20.60 N | 61.42 3.39 -19.51 N | 60.84 3.60 -21.86 N | 63.53 4.44 -15.78 N | 78.60 3.88 -33.52 N | 75.39 3.31 -21.54 N | 71.86 3.25 -20.18 N | 74.99 3.66 -20.91 N | 66.15 3.55 -10.38 N | 78.72 3.51 -24.49 N | 81.52 3.52 -28.08 N | 62.88 3.47 -8.17 N | 58.33 3.35 -5.58 N | 80.36 3.57 -32.58 N | 72.43 3.13 -25.16 N | 76.09 3.23 -30.35 N | 69.85 2.98 -26.09 N | 62.21 3.88 -13.27 N | 56.55 3.47 -9.16 N |
| FPL_FAR_ROCK_GT2 23815 | 48.57 2.80 -11.02 N | 122.64 3.07 -83.43 N | 70.90 2.27 -36.72 N | 41.30 2.20 -7.13 N | 61.16 2.41 -25.91 N | 61.26 3.09 -20.60 N | 61.42 3.39 -19.51 N | 60.84 3.60 -21.86 N | 63.53 4.44 -15.78 N | 78.60 3.88 -33.52 N | 75.39 3.31 -21.54 N | 71.86 3.25 -20.18 N | 74.99 3.66 -20.91 N | 66.15 3.55 -10.38 N | 78.72 3.51 -24.49 N | 81.52 3.52 -28.08 N | 62.88 3.47 -8.17 N | 58.33 3.35 -5.58 N | 80.36 3.57 -32.58 N | 72.43 3.13 -25.16 N | 76.09 3.23 -30.35 N | 69.85 2.98 -26.09 N | 62.21 3.88 -13.27 N | 56.55 3.47 -9.16 N |

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| FRANKLIN_FALL_HYD 24054 | 35.30 0.55 0.00 N | 36.61 0.48 0.00 N | 32.42 0.51 0.00 N | 32.56 0.60 0.00 N | 33.47 0.62 0.00 N | 38.31 0.73 0.00 N | 39.11 0.58 0.00 N | 35.16 -0.07 0.15 N | 43.15 -0.12 0.04 N | 41.09 -0.03 0.07 N | 50.51 -0.02 0.00 N | 48.26 -0.15 0.02 N | 50.10 -0.32 0.00 N | 51.88 -0.35 0.00 N | 50.55 -0.16 0.00 N | 49.87 -0.05 0.00 N | 51.17 -0.07 0.00 N | 49.25 -0.14 0.01 N | 44.08 -0.07 0.06 N | 44.31 0.19 0.02 N | 42.69 0.21 0.02 N | 40.92 0.21 0.06 N | 45.30 0.27 0.03 N | 44.74 0.82 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 48.43 2.66 -11.02 N | 122.47 2.90 -83.43 N | 70.64 2.01 -36.72 N | 40.93 1.84 -7.13 N | 60.78 2.03 -25.91 N | 60.81 2.63 -20.60 N | 61.15 3.12 -19.51 N | 60.62 3.37 -21.86 N | 63.17 4.07 -15.78 N | 78.54 3.82 -33.52 N | 76.46 4.39 -21.54 N | 73.19 4.58 -20.18 N | 76.15 4.82 -20.91 N | 67.33 4.72 -10.38 N | 79.91 4.70 -24.49 N | 82.75 4.75 -28.08 N | 64.14 4.72 -8.17 N | 59.46 4.48 -5.58 N | 66.98 3.73 -19.03 N | 63.19 3.37 -15.68 N | 64.66 3.45 -18.71 N | 62.72 3.27 -18.67 N | 61.83 3.50 -13.27 N | 56.27 3.20 -9.16 N |
| FULTON COGEN____ 23766 | 33.94 -0.81 0.00 N | 35.31 -0.82 0.00 N | 31.24 -0.67 0.00 N | 31.31 -0.65 0.00 N | 32.19 -0.66 0.00 N | 36.82 -0.76 0.00 N | 37.61 -0.91 0.00 N | 35.56 -0.90 -1.07 N | 42.55 -1.07 -0.31 N | 40.64 -1.02 -0.47 N | 49.31 -1.24 -0.01 N | 47.34 -1.23 -0.14 N | 49.12 -1.30 0.00 N | 50.88 -1.35 0.00 N | 49.38 -1.33 0.00 N | 48.60 -1.32 0.00 N | 49.95 -1.29 0.00 N | 48.14 -1.32 -0.07 N | 43.48 -1.15 -0.42 N | 43.18 -1.11 -0.15 N | 41.56 -1.10 -0.15 N | 40.15 -1.05 -0.42 N | 43.99 -1.20 -0.13 N | 42.92 -1.00 0.00 N |
| Freeport____CT2 23818 | 48.43 2.66 -11.02 N | 122.47 2.90 -83.43 N | 70.64 2.01 -36.72 N | 40.93 1.84 -7.13 N | 60.78 2.03 -25.91 N | 60.81 2.63 -20.60 N | 61.15 3.12 -19.51 N | 60.62 3.37 -21.86 N | 63.17 4.07 -15.78 N | 78.54 3.82 -33.52 N | 76.46 4.39 -21.54 N | 73.19 4.58 -20.18 N | 76.15 4.82 -20.91 N | 67.33 4.72 -10.38 N | 79.91 4.70 -24.49 N | 82.75 4.75 -28.08 N | 64.14 4.72 -8.17 N | 59.46 4.48 -5.58 N | 66.98 3.73 -19.03 N | 63.19 3.37 -15.68 N | 64.66 3.45 -18.71 N | 62.72 3.27 -18.67 N | 61.83 3.50 -13.27 N | 56.27 3.20 -9.16 N |
| G.F.CEMENT____DRP 24184 | 38.35 3.59 0.00 N | 39.74 3.61 0.00 N | 35.43 3.52 0.00 N | 35.85 3.89 0.00 N | 36.66 3.82 0.00 N | 41.41 3.83 0.00 N | 42.54 4.01 0.00 N | 58.22 3.59 -19.25 N | 53.10 4.27 -5.52 N | 54.41 4.51 -8.71 N | 56.32 5.65 -0.13 N | 56.01 5.04 -2.54 N | 55.35 4.92 0.00 N | 56.90 4.67 0.00 N | 55.43 4.72 0.00 N | 54.52 4.61 0.00 N | 55.98 4.74 0.00 N | 54.88 4.28 -1.20 N | 55.74 4.01 -7.52 N | 51.06 4.16 -2.75 N | 49.28 4.12 -2.65 N | 52.40 4.05 -7.58 N | 51.64 4.26 -2.32 N | 48.78 4.86 0.00 N |
| GARDENVILLE____LBMP 24039 | 30.94 -3.82 0.00 N | 32.08 -4.06 0.00 N | 28.24 -3.67 0.00 N | 28.16 -3.80 0.00 N | 28.96 -3.89 0.00 N | 33.41 -4.17 0.00 N | 33.99 -4.53 0.00 N | 33.55 -4.24 -2.41 N | 38.73 -5.27 -0.69 N | 35.65 -5.43 0.11 N | 41.84 -6.78 1.92 N | 42.65 -6.03 -0.24 N | 44.61 -5.81 0.00 N | 46.43 -5.79 0.00 N | 44.87 -5.84 0.00 N | 43.99 -5.93 0.00 N | 45.13 -6.11 0.00 N | 43.69 -5.85 -0.15 N | 40.18 -4.98 -0.94 N | 39.75 -4.73 -0.34 N | 37.81 -5.02 -0.33 N | 36.87 -4.85 -0.95 N | 40.27 -5.08 -0.29 N | 38.82 -5.10 0.00 N |
| GENERAL____MILLS 23808 | 31.93 -2.83 0.00 N | 33.07 -3.06 0.00 N | 29.04 -2.87 0.00 N | 28.98 -2.99 0.00 N | 29.81 -3.03 0.00 N | 34.33 -3.25 0.00 N | 35.11 -3.41 0.00 N | 34.72 -3.07 -2.41 N | 40.23 -3.77 -0.69 N | 37.30 -3.89 0.00 N | 43.87 -4.82 1.84 N | 44.59 -4.08 -0.25 N | 46.42 -4.00 0.00 N | 48.31 -3.92 0.00 N | 46.71 -4.00 0.00 N | 45.91 -4.01 0.00 N | 47.05 -4.19 0.00 N | 45.53 -4.02 -0.15 N | 41.69 -3.46 -0.94 N | 41.08 -3.40 -0.34 N | 39.23 -3.60 -0.33 N | 38.30 -3.42 -0.95 N | 41.73 -3.63 -0.29 N | 40.17 -3.74 0.00 N |
| GE_PLASTICS____DRP 24183 | 36.78 2.03 0.00 N | 38.31 2.18 0.00 N | 34.21 2.30 0.00 N | 34.44 2.48 0.00 N | 35.30 2.46 0.00 N | 40.06 2.48 0.00 N | 40.83 2.30 0.00 N | 55.67 1.67 -18.63 N | 50.64 1.99 -5.34 N | 51.75 2.12 -8.43 N | 53.36 2.69 -0.13 N | 53.00 2.11 -2.46 N | 52.27 1.85 0.00 N | 53.85 1.62 0.00 N | 52.49 1.78 0.00 N | 51.73 1.81 0.00 N | 53.04 1.79 0.00 N | 52.31 1.75 -1.16 N | 53.21 1.73 -7.27 N | 48.83 2.03 -2.66 N | 47.23 2.16 -2.57 N | 50.16 2.05 -7.33 N | 49.48 2.19 -2.23 N | 46.55 2.63 0.00 N |
| GILBOA____1 23756 | 37.03 2.28 0.00 N | 38.65 2.52 0.00 N | 34.66 2.75 0.00 N | 34.88 2.92 0.00 N | 35.76 2.92 0.00 N | 40.44 2.86 0.00 N | 41.09 2.57 0.00 N | 51.72 1.91 -14.43 N | 49.74 2.30 -4.13 N | 50.14 2.39 -6.56 N | 53.66 3.03 -0.10 N | 52.67 2.34 -1.90 N | 52.49 2.07 0.00 N | 54.01 1.78 0.00 N | 52.62 1.91 0.00 N | 51.87 1.95 0.00 N | 53.18 1.93 0.00 N | 52.28 1.98 -0.90 N | 51.86 2.01 -5.63 N | 48.52 2.31 -2.06 N | 46.92 2.43 -1.99 N | 48.76 2.31 -5.68 N | 49.28 2.48 -1.73 N | 46.85 2.93 0.00 N |
| GILBOA____2 23757 | 37.03 2.28 0.00 N | 38.65 2.52 0.00 N | 34.66 2.75 0.00 N | 34.88 2.92 0.00 N | 35.76 2.92 0.00 N | 40.44 2.86 0.00 N | 41.09 2.57 0.00 N | 51.72 1.91 -14.43 N | 49.74 2.30 -4.13 N | 50.14 2.39 -6.56 N | 53.66 3.03 -0.10 N | 52.67 2.34 -1.90 N | 52.49 2.07 0.00 N | 54.01 1.78 0.00 N | 52.62 1.91 0.00 N | 51.87 1.95 0.00 N | 53.18 1.93 0.00 N | 52.28 1.98 -0.90 N | 51.86 2.01 -5.63 N | 48.52 2.31 -2.06 N | 46.92 2.43 -1.99 N | 48.76 2.31 -5.68 N | 49.28 2.48 -1.73 N | 46.85 2.93 0.00 N |
| GILBOA____3 23758 | 37.03 2.28 0.00 N | 38.65 2.52 0.00 N | 34.66 2.75 0.00 N | 34.88 2.92 0.00 N | 35.76 2.92 0.00 N | 40.44 2.86 0.00 N | 41.09 2.57 0.00 N | 51.72 1.91 -14.43 N | 49.74 2.30 -4.13 N | 50.14 2.39 -6.56 N | 53.66 3.03 -0.10 N | 52.67 2.34 -1.90 N | 52.49 2.07 0.00 N | 54.01 1.78 0.00 N | 52.62 1.91 0.00 N | 51.87 1.95 0.00 N | 53.18 1.93 0.00 N | 52.28 1.98 -0.90 N | 51.86 2.01 -5.63 N | 48.52 2.31 -2.06 N | 46.92 2.43 -1.99 N | 48.76 2.31 -5.68 N | 49.28 2.48 -1.73 N | 46.85 2.93 0.00 N |
| GILBOA____4 23759 | 37.03 2.28 0.00 N | 38.65 2.52 0.00 N | 34.66 2.75 0.00 N | 34.88 2.92 0.00 N | 35.76 2.92 0.00 N | 40.44 2.86 0.00 N | 41.09 2.57 0.00 N | 51.72 1.91 -14.43 N | 49.74 2.30 -4.13 N | 50.14 2.39 -6.56 N | 53.66 3.03 -0.10 N | 52.67 2.34 -1.90 N | 52.49 2.07 0.00 N | 54.01 1.78 0.00 N | 52.62 1.91 0.00 N | 51.87 1.95 0.00 N | 53.18 1.93 0.00 N | 52.28 1.98 -0.90 N | 51.86 2.01 -5.63 N | 48.52 2.31 -2.06 N | 46.92 2.43 -1.99 N | 48.76 2.31 -5.68 N | 49.28 2.48 -1.73 N | 46.85 2.93 0.00 N |
| GILBOA____ 23599 | 37.03 2.28 0.00 N | 38.65 2.52 0.00 N | 34.66 2.75 0.00 N | 34.88 2.92 0.00 N | 35.76 2.92 0.00 N | 40.44 2.86 0.00 N | 41.09 2.57 0.00 N | 51.72 1.91 -14.43 N | 49.74 2.30 -4.13 N | 50.14 2.39 -6.56 N | 53.66 3.03 -0.10 N | 52.67 2.34 -1.90 N | 52.49 2.07 0.00 N | 54.01 1.78 0.00 N | 52.62 1.91 0.00 N | 51.87 1.95 0.00 N | 53.18 1.93 0.00 N | 52.28 1.98 -0.90 N | 51.86 2.01 -5.63 N | 48.52 2.31 -2.06 N | 46.92 2.43 -1.99 N | 48.76 2.31 -5.68 N | 49.28 2.48 -1.73 N | 46.85 2.93 0.00 N |

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| GINNA____ 23603 | 33.46 -1.30 0.00 N | 34.69 -1.44 0.00 N | 30.94 -0.97 0.00 N | 31.11 -0.85 0.00 N | 31.93 -0.92 0.00 N | 36.32 -1.26 0.00 N | 36.83 -1.70 0.00 N | 34.99 -2.11 -1.73 N | 41.40 -2.41 -0.50 N | 39.61 -2.14 -0.56 N | 46.50 -2.50 1.53 N | 45.90 -2.67 -0.14 N | 47.42 -3.00 0.00 N | 49.07 -3.16 0.00 N | 47.76 -2.95 0.00 N | 46.98 -2.94 0.00 N | 48.07 -3.17 0.00 N | 46.27 -3.24 -0.11 N | 42.25 -2.63 -0.67 N | 42.26 -2.13 -0.25 N | 40.64 -2.10 -0.24 N | 39.45 -2.00 -0.68 N | 42.96 -2.30 -0.20 N | 42.33 -1.58 0.00 N |
| GLEN PARK____ 23778 | 35.87 1.11 0.00 N | 37.40 1.26 0.00 N | 33.38 1.47 0.00 N | 33.65 1.69 0.00 N | 34.60 1.75 0.00 N | 39.40 1.82 0.00 N | 39.78 1.25 0.00 N | 36.27 0.38 -0.52 N | 43.89 0.43 -0.15 N | 41.94 0.52 -0.23 N | 51.32 0.78 -0.01 N | 48.84 0.35 -0.07 N | 50.45 0.03 0.00 N | 52.12 -0.10 0.00 N | 50.71 0.00 0.00 N | 49.95 0.03 0.00 N | 51.29 0.05 0.00 N | 49.24 -0.19 -0.03 N | 44.33 -0.09 -0.20 N | 44.44 0.22 -0.07 N | 42.84 0.27 -0.07 N | 41.22 0.24 -0.20 N | 45.29 0.16 -0.06 N | 45.30 1.38 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.06 3.83 -14.09 N | 63.05 3.78 -16.76 N | 61.82 3.62 -17.43 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| GLENWOOD_IC_2_G1 23688 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 61.65 4.38 -13.07 N | 59.47 3.83 -11.51 N | 59.87 3.78 -13.59 N | 59.80 3.62 -15.41 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| GLENWOOD_IC_3_G1 23689 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 61.65 4.38 -13.07 N | 59.47 3.83 -11.51 N | 59.87 3.78 -13.59 N | 59.80 3.62 -15.41 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| GLENWOOD____4 23550 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.07 3.83 -14.10 N | 63.05 3.78 -16.77 N | 61.82 3.62 -17.43 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| GLENWOOD____5 23614 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.07 3.83 -14.10 N | 63.05 3.78 -16.77 N | 61.82 3.62 -17.43 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| GLOBAL GREEN_PORT_GT1 23814 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| GOUDEY____7 23579 | 35.05 0.30 0.00 N | 36.59 0.46 0.00 N | 32.18 0.27 0.00 N | 32.07 0.11 0.00 N | 32.97 0.12 0.00 N | 37.99 0.41 0.00 N | 39.16 0.63 0.00 N | 40.86 0.86 -4.62 N | 45.74 1.11 -1.32 N | 44.62 1.02 -2.40 N | 51.60 1.02 -0.05 N | 50.02 0.99 -0.60 N | 51.85 1.43 0.00 N | 53.80 1.58 0.00 N | 52.06 1.35 0.00 N | 51.16 1.24 0.00 N | 52.75 1.50 0.00 N | 51.18 1.50 -0.29 N | 47.15 1.13 -1.80 N | 45.70 0.90 -0.66 N | 44.08 0.94 -0.64 N | 43.50 0.91 -1.82 N | 46.62 1.00 -0.56 N | 44.39 0.47 0.00 N |
| GOUDEY____8 23580 | 34.97 0.22 0.00 N | 36.49 0.35 0.00 N | 32.09 0.18 0.00 N | 32.00 0.03 0.00 N | 32.87 0.03 0.00 N | 37.87 0.29 0.00 N | 39.01 0.48 0.00 N | 40.70 0.71 -4.62 N | 45.56 0.93 -1.32 N | 44.45 0.86 -2.40 N | 51.44 0.85 -0.05 N | 49.86 0.83 -0.60 N | 51.69 1.27 0.00 N | 53.64 1.41 0.00 N | 51.90 1.19 0.00 N | 51.00 1.09 0.00 N | 52.59 1.34 0.00 N | 51.03 1.34 -0.29 N | 47.00 0.98 -1.80 N | 45.53 0.73 -0.66 N | 43.86 0.72 -0.64 N | 43.29 0.70 -1.82 N | 46.39 0.77 -0.56 N | 44.18 0.27 0.00 N |
| GOWANUS_GT_1_GRP 23732 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT_2_GRP 23617 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT_3_GRP 23618 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |

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| GOWANUS_GT 4_GRP 23751 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT1_1 24077 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_2 24078 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_3 24079 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_4 24080 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_5 24084 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_6 24111 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_7 24112 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT1_8 24113 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT2_1 24114 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_2 24115 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_3 24116 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_4 24117 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |

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|------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|----------------------------|
| GOWANUS_GT2_5 24118 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_6 24119 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_7 24120 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT2_8 24121 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT3_1 24122 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_2 24123 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_3 24124 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_4 24125 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_5 24126 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_6 24127 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_7 24128 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT3_8 24129 | 124.79 3.04 -87.00 N | 79.80 3.08 -40.59 N | 72.95 2.18 -38.86 N | 72.71 2.02 -38.72 N | 72.34 2.19 -37.30 N | 59.06 2.89 -18.60 N | 58.87 3.50 -16.84 N | 65.68 3.85 -26.46 N | 56.64 4.74 -8.59 N | 55.23 4.47 -9.57 N | 56.29 5.42 -0.33 N | 55.83 5.21 -2.19 N | 55.90 5.48 0.00 N | 57.96 5.73 0.00 N | 56.19 5.38 -0.10 N | 60.15 5.32 -4.92 N | 68.74 5.50 -12.00 N | 63.61 5.22 -9.00 N | 54.19 4.21 -5.77 N | 55.20 3.66 -7.39 N | 65.50 3.67 -19.33 N | 50.22 3.51 -5.94 N | 51.26 4.02 -2.17 N | 47.23 3.31 0.00 N |
| GOWANUS_GT4_1 24130 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |

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| GOWANUS_GT4_2 24131 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_3 24132 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_4 24133 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_5 24134 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_6 24135 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_7 24136 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GOWANUS_GT4_8 24137 | 124.82 3.07 -87.00 N | 79.83 3.11 -40.59 N | 72.97 2.20 -38.86 N | 72.74 2.05 -38.72 N | 72.36 2.21 -37.30 N | 59.09 2.92 -18.60 N | 58.90 3.53 -16.84 N | 65.72 3.88 -26.46 N | 56.68 4.78 -8.59 N | 55.27 4.52 -9.57 N | 56.34 5.47 -0.33 N | 55.88 5.26 -2.19 N | 55.95 5.53 0.00 N | 58.01 5.79 0.00 N | 56.24 5.43 -0.10 N | 60.20 5.37 -4.92 N | 68.79 5.55 -12.00 N | 63.66 5.27 -9.00 N | 54.23 4.25 -5.77 N | 55.24 3.70 -7.39 N | 65.54 3.71 -19.33 N | 50.25 3.54 -5.94 N | 51.30 4.06 -2.17 N | 47.26 3.35 0.00 N |
| GRAHMSVILLE___HY 23607 | 36.75 2.00 0.00 N | 38.05 1.92 0.00 N | 33.24 1.33 0.00 N | 33.12 1.16 0.00 N | 34.07 1.22 0.00 N | 39.24 1.66 0.00 N | 40.71 2.18 0.00 N | 50.68 2.50 -12.80 N | 50.08 3.10 -3.67 N | 50.15 3.14 -5.82 N | 54.44 3.81 -0.09 N | 54.02 3.91 -1.69 N | 54.68 4.26 0.00 N | 56.76 4.53 0.00 N | 55.01 4.30 0.00 N | 54.25 4.33 0.00 N | 55.74 4.50 0.00 N | 54.52 4.33 -0.80 N | 52.92 3.71 -5.00 N | 49.31 3.34 -1.83 N | 47.48 3.21 -1.77 N | 48.73 2.92 -5.04 N | 49.75 3.15 -1.54 N | 46.37 2.45 0.00 N |
| GREENIDGE___3 23582 | 34.11 -0.65 0.00 N | 35.77 -0.37 0.00 N | 31.43 -0.48 0.00 N | 31.48 -0.49 0.00 N | 32.18 -0.67 0.00 N | 36.81 -0.76 0.00 N | 37.94 -0.59 0.00 N | 37.85 -0.32 -2.79 N | 44.06 -0.05 -0.80 N | 43.30 0.05 -2.06 N | 50.71 -0.27 -0.45 N | 48.29 -0.50 -0.37 N | 50.11 -0.31 0.00 N | 51.97 -0.26 0.00 N | 50.29 -0.42 0.00 N | 49.51 -0.41 0.00 N | 51.04 -0.20 0.00 N | 49.28 -0.29 -0.17 N | 45.04 -0.26 -1.09 N | 44.27 -0.27 -0.40 N | 42.57 -0.32 -0.38 N | 41.55 -0.32 -1.10 N | 44.92 -0.47 -0.33 N | 43.17 -0.75 0.00 N |
| GREENIDGE___4 23583 | 34.07 -0.69 0.00 N | 35.74 -0.39 0.00 N | 31.41 -0.50 0.00 N | 31.49 -0.47 0.00 N | 32.13 -0.71 0.00 N | 36.77 -0.81 0.00 N | 37.91 -0.62 0.00 N | 37.77 -0.40 -2.79 N | 43.93 -0.18 -0.80 N | 43.17 -0.08 -2.06 N | 50.62 -0.36 -0.45 N | 48.28 -0.51 -0.37 N | 50.12 -0.30 0.00 N | 51.97 -0.26 0.00 N | 50.29 -0.42 0.00 N | 49.50 -0.42 0.00 N | 51.03 -0.21 0.00 N | 49.30 -0.27 -0.17 N | 44.97 -0.33 -1.09 N | 44.14 -0.41 -0.40 N | 42.45 -0.44 -0.38 N | 41.45 -0.42 -1.10 N | 44.80 -0.59 -0.33 N | 43.05 -0.86 0.00 N |
| HARZA MOOSE___RIVER 24016 | 35.65 0.90 0.00 N | 37.12 0.99 0.00 N | 32.93 1.02 0.00 N | 33.08 1.12 0.00 N | 34.00 1.16 0.00 N | 38.81 1.23 0.00 N | 39.54 1.02 0.00 N | 36.02 0.63 -0.01 N | 44.07 0.75 0.00 N | 41.99 0.78 -0.01 N | 51.54 1.00 -0.01 N | 49.17 0.74 0.00 N | 51.04 0.62 0.00 N | 52.82 0.60 0.00 N | 51.37 0.66 0.00 N | 50.61 0.69 0.00 N | 51.97 0.73 0.00 N | 49.98 0.59 0.00 N | 44.77 0.55 -0.01 N | 44.81 0.66 0.00 N | 43.18 0.68 0.00 N | 41.42 0.64 0.00 N | 45.71 0.65 0.00 N | 45.08 1.16 0.00 N |
| HEMPSTEAD____ 23647 | 48.47 2.70 -11.02 N | 122.46 2.90 -83.43 N | 70.65 2.01 -36.72 N | 40.94 1.84 -7.13 N | 60.78 2.02 -25.91 N | 60.80 2.62 -20.60 N | 61.16 3.13 -19.51 N | 60.63 3.39 -21.86 N | 63.20 4.11 -15.78 N | 78.59 3.87 -33.52 N | 76.57 4.49 -21.54 N | 73.27 4.66 -20.18 N | 76.33 5.01 -20.91 N | 67.57 4.96 -10.38 N | 80.11 4.91 -24.49 N | 82.95 4.95 -28.08 N | 64.38 4.96 -8.17 N | 59.69 4.71 -5.58 N | 65.27 3.90 -17.16 N | 61.94 3.43 -14.37 N | 63.08 3.48 -17.10 N | 61.74 3.32 -17.65 N | 61.88 3.55 -13.27 N | 56.27 3.19 -9.16 N |
| HICKLING___1 23621 | 34.89 0.13 0.00 N | 36.33 0.20 0.00 N | 31.81 -0.10 0.00 N | 31.69 -0.27 0.00 N | 32.59 -0.26 0.00 N | 37.66 0.08 0.00 N | 38.92 0.40 0.00 N | 39.92 0.89 -3.65 N | 45.68 1.32 -1.05 N | 44.79 1.25 -2.35 N | 52.16 1.36 -0.27 N | 50.32 1.42 -0.47 N | 52.35 1.93 0.00 N | 54.39 2.17 0.00 N | 52.57 1.86 0.00 N | 51.66 1.74 0.00 N | 53.27 2.03 0.00 N | 51.58 1.95 -0.23 N | 47.09 1.45 -1.42 N | 45.71 1.05 -0.52 N | 43.95 0.95 -0.50 N | 43.16 0.95 -1.44 N | 46.43 0.95 -0.43 N | 44.16 0.24 0.00 N |

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| HICKLING___2 23622 | 34.89 0.14 0.00 N | 36.34 0.20 0.00 N | 31.82 -0.09 0.00 N | 31.70 -0.26 0.00 N | 32.60 -0.25 0.00 N | 37.66 0.08 0.00 N | 38.93 0.41 0.00 N | 39.93 0.90 -3.65 N | 45.69 1.33 -1.05 N | 44.80 1.26 -2.35 N | 52.18 1.37 -0.27 N | 50.33 1.43 -0.47 N | 52.36 1.94 0.00 N | 54.41 2.18 0.00 N | 52.59 1.88 0.00 N | 51.67 1.75 0.00 N | 53.29 2.04 0.00 N | 51.59 1.96 -0.23 N | 47.10 1.46 -1.42 N | 45.72 1.06 -0.52 N | 43.96 0.96 -0.50 N | 43.17 0.97 -1.44 N | 46.44 0.95 -0.43 N | 44.17 0.25 0.00 N |
| HIGH FALLS___HY 23754 | 35.93 1.17 0.00 N | 37.31 1.17 0.00 N | 32.81 0.90 0.00 N | 32.79 0.82 0.00 N | 33.70 0.86 0.00 N | 38.56 0.99 0.00 N | 39.70 1.18 0.00 N | 51.71 1.45 -14.88 N | 49.49 1.91 -4.26 N | 49.85 1.91 -6.75 N | 52.79 2.15 -0.10 N | 52.53 2.14 -1.96 N | 52.73 2.31 0.00 N | 54.65 2.42 0.00 N | 53.06 2.35 0.00 N | 52.26 2.34 0.00 N | 53.65 2.40 0.00 N | 52.65 2.33 -0.93 N | 52.02 2.00 -5.81 N | 47.99 1.72 -2.13 N | 46.20 1.64 -2.05 N | 48.20 1.57 -5.86 N | 48.72 1.86 -1.80 N | 45.34 1.42 0.00 N |
| HILLBURN___GT 23639 | 35.82 1.07 0.00 N | 37.15 1.01 0.00 N | 32.47 0.56 0.00 N | 32.37 0.41 0.00 N | 33.33 0.48 0.00 N | 38.37 0.80 0.00 N | 39.76 1.23 0.00 N | 51.26 1.71 -14.17 N | 49.50 2.13 -4.06 N | 49.68 2.05 -6.43 N | 53.06 2.42 -0.10 N | 52.83 2.53 -1.87 N | 53.24 2.82 0.00 N | 55.28 3.05 0.00 N | 53.55 2.84 0.00 N | 52.77 2.86 0.00 N | 54.27 3.02 0.00 N | 53.22 2.94 -0.88 N | 52.14 2.39 -5.53 N | 48.11 1.94 -2.03 N | 46.37 1.91 -1.95 N | 48.13 1.78 -5.58 N | 48.72 1.95 -1.70 N | 45.29 1.37 0.00 N |
| HOLTSVIL 1-5___GRP1 24031 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVIL6-10___GRP2 24032 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_1 23690 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_10 23699 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_2 23691 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_3 23692 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_4 23693 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_5 23694 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_6 23695 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_7 23696 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |

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| HOLTSVILLE_IC_8 23697 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HOLTSVILLE_IC_9 23698 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.20 2.85 -12.14 N | 57.43 2.44 -10.85 N | 58.03 2.74 -12.79 N | 58.29 2.62 -14.90 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| HQ_GEN_CEDARS 23644 | 35.90 1.14 0.00 N | 37.19 1.06 0.00 N | 33.03 1.12 0.00 N | 33.20 1.24 0.00 N | 34.12 1.27 0.00 N | 38.98 1.40 0.00 N | 39.66 1.14 0.00 N | 35.18 -0.04 0.16 N | 43.39 0.12 0.05 N | 41.43 0.31 0.07 N | 50.74 0.20 0.00 N | 48.42 0.01 0.02 N | 50.14 -0.28 0.00 N | 51.96 -0.27 0.00 N | 50.66 -0.05 0.00 N | 49.89 -0.03 0.00 N | 51.16 -0.09 0.00 N | 49.11 -0.28 0.01 N | 43.94 -0.22 0.06 N | 44.49 0.38 0.02 N | 42.86 0.38 0.02 N | 41.05 0.34 0.06 N | 45.32 0.29 0.03 N | 44.94 1.02 0.00 N |
| HQ_GEN_CHAT DC 23651 | 34.50 -0.25 0.00 N | 35.79 -0.35 0.00 N | 31.63 -0.28 0.00 N | 31.71 -0.25 0.00 N | 32.59 -0.26 0.00 N | 37.30 -0.27 0.00 N | 51.72 -0.46 -1.61 N | 34.64 -0.62 0.12 N | 42.52 -0.76 0.03 N | 40.41 -0.73 0.05 N | 49.67 -0.87 0.00 N | 47.60 -0.81 0.02 N | 56.00 -1.59 -2.93 N | 56.00 -1.47 -0.82 N | 49.95 -0.76 0.00 N | 49.19 -0.73 0.00 N | 50.47 -0.78 0.00 N | 56.01 -1.26 -4.58 N | 44.51 -1.07 5.28 N | 47.88 -0.59 1.01 N | 42.03 -0.45 0.02 N | 40.30 -0.42 0.05 N | 44.69 -0.37 0.00 N | 43.74 -0.18 0.00 N |
| HUDAV+59+74_TH_GRP 23620 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -10.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| HUDSON AVE_GT_3 23810 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -10.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| HUDSON AVE_GT_4 23540 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -10.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| HUDSON AVE_GT_5 23657 | 37.46 2.70 0.00 N | 38.83 2.70 0.00 N | 33.75 1.84 0.00 N | 33.64 1.68 0.00 N | 34.66 1.82 0.00 N | 40.01 2.43 0.00 N | 41.55 3.02 0.00 N | 53.55 3.40 -14.78 N | 51.70 4.16 -4.23 N | 51.84 3.94 -6.71 N | 55.44 4.80 -10.10 N | 55.13 4.75 -1.95 N | 55.50 5.08 0.00 N | 57.51 5.28 0.00 N | 55.66 4.95 0.00 N | 54.83 4.91 0.00 N | 56.30 5.06 0.00 N | 55.14 4.82 -0.92 N | 53.81 3.83 -5.77 N | 49.54 3.29 -2.11 N | 47.85 3.31 -2.04 N | 49.82 3.24 -5.82 N | 50.49 3.66 -1.77 N | 46.94 3.02 0.00 N |
| HUDSON_AVE_10 24168 | 37.19 2.44 0.00 N | 38.57 2.44 0.00 N | 33.52 1.61 0.00 N | 33.41 1.44 0.00 N | 34.43 1.59 0.00 N | 39.73 2.15 0.00 N | 41.24 2.72 0.00 N | 53.25 3.10 -14.78 N | 51.32 3.78 -4.23 N | 51.49 3.59 -6.71 N | 54.98 4.34 -0.10 N | 54.69 4.31 -1.95 N | 55.04 4.62 0.00 N | 56.99 4.76 0.00 N | 55.20 4.49 0.00 N | 54.37 4.45 0.00 N | 55.79 4.55 0.00 N | 54.65 4.33 -0.92 N | 53.38 3.40 -5.77 N | 49.12 2.86 -2.11 N | 47.44 2.90 -2.04 N | 49.42 2.83 -5.82 N | 50.13 3.30 -1.77 N | 46.57 2.65 0.00 N |
| HUNTLEY___63 23557 | 31.66 -3.10 0.00 N | 32.76 -3.37 0.00 N | 28.87 -3.04 0.00 N | 28.80 -3.17 0.00 N | 29.61 -3.23 0.00 N | 34.06 -3.51 0.00 N | 34.74 -3.79 0.00 N | 34.11 -3.54 -2.27 N | 39.57 -4.39 -0.65 N | 36.75 -4.51 -0.07 N | 43.10 -5.63 1.81 N | 43.72 -4.93 -0.22 N | 45.49 -4.93 0.00 N | 47.35 -4.88 0.00 N | 45.81 -4.90 0.00 N | 45.03 -4.89 0.00 N | 46.12 -5.12 0.00 N | 44.63 -4.91 -0.14 N | 40.95 -4.15 -0.89 N | 40.52 -3.95 -0.32 N | 38.68 -4.14 -0.31 N | 37.71 -3.96 -0.89 N | 41.32 -4.01 -0.26 N | 40.05 -3.87 0.00 N |
| HUNTLEY___64 23558 | 31.66 -3.10 0.00 N | 32.76 -3.37 0.00 N | 28.87 -3.04 0.00 N | 28.80 -3.17 0.00 N | 29.61 -3.23 0.00 N | 34.06 -3.51 0.00 N | 34.74 -3.79 0.00 N | 34.11 -3.54 -2.27 N | 39.57 -4.39 -0.65 N | 36.75 -4.51 -0.07 N | 43.10 -5.63 1.81 N | 43.72 -4.93 -0.22 N | 45.49 -4.93 0.00 N | 47.35 -4.88 0.00 N | 45.81 -4.90 0.00 N | 45.03 -4.89 0.00 N | 46.12 -5.12 0.00 N | 44.63 -4.91 -0.14 N | 40.95 -4.15 -0.89 N | 40.52 -3.95 -0.32 N | 38.68 -4.14 -0.31 N | 37.71 -3.96 -0.89 N | 41.32 -4.01 -0.26 N | 40.05 -3.87 0.00 N |
| HUNTLEY___65 23559 | 31.66 -3.10 0.00 N | 32.76 -3.37 0.00 N | 28.87 -3.04 0.00 N | 28.80 -3.17 0.00 N | 29.61 -3.23 0.00 N | 34.06 -3.51 0.00 N | 34.74 -3.79 0.00 N | 34.11 -3.54 -2.27 N | 39.57 -4.39 -0.65 N | 36.75 -4.51 -0.07 N | 43.10 -5.63 1.81 N | 43.72 -4.93 -0.22 N | 45.49 -4.93 0.00 N | 47.35 -4.88 0.00 N | 45.81 -4.90 0.00 N | 45.03 -4.89 0.00 N | 46.12 -5.12 0.00 N | 44.63 -4.91 -0.14 N | 40.95 -4.15 -0.89 N | 40.52 -3.95 -0.32 N | 38.68 -4.14 -0.31 N | 37.71 -3.96 -0.89 N | 41.32 -4.01 -0.26 N | 40.05 -3.87 0.00 N |
| HUNTLEY___66 23560 | 31.66 -3.10 0.00 N | 32.76 -3.37 0.00 N | 28.87 -3.04 0.00 N | 28.80 -3.17 0.00 N | 29.61 -3.23 0.00 N | 34.06 -3.51 0.00 N | 34.74 -3.79 0.00 N | 34.11 -3.54 -2.27 N | 39.57 -4.39 -0.65 N | 36.75 -4.51 -0.07 N | 43.10 -5.63 1.81 N | 43.72 -4.93 -0.22 N | 45.49 -4.93 0.00 N | 47.35 -4.88 0.00 N | 45.81 -4.90 0.00 N | 45.03 -4.89 0.00 N | 46.12 -5.12 0.00 N | 44.63 -4.91 -0.14 N | 40.95 -4.15 -0.89 N | 40.52 -3.95 -0.32 N | 38.68 -4.14 -0.31 N | 37.71 -3.96 -0.89 N | 41.32 -4.01 -0.26 N | 40.05 -3.87 0.00 N |

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| HUNTLEY___67 23561 | 31.40 -3.35 0.00 N | 32.52 -3.61 0.00 N | 28.62 -3.29 0.00 N | 28.56 -3.40 0.00 N | 29.37 -3.48 0.00 N | 33.78 -3.79 0.00 N | 34.43 -4.09 0.00 N | 33.82 -3.84 -2.28 N | 39.16 -4.80 -0.65 N | 36.29 -4.93 -0.03 N | 42.54 -6.16 1.83 N | 43.25 -5.40 -0.23 N | 45.00 -5.42 0.00 N | 46.84 -5.39 0.00 N | 45.31 -5.40 0.00 N | 44.56 -5.36 0.00 N | 45.66 -5.59 0.00 N | 44.20 -5.34 -0.14 N | 40.60 -4.51 -0.89 N | 40.16 -4.31 -0.33 N | 38.31 -4.51 -0.31 N | 37.35 -4.32 -0.90 N | 40.79 -4.54 -0.26 N | 39.44 -4.48 0.00 N |
| HUNTLEY___68 23562 | 31.40 -3.35 0.00 N | 32.52 -3.61 0.00 N | 28.62 -3.29 0.00 N | 28.56 -3.40 0.00 N | 29.37 -3.48 0.00 N | 33.78 -3.79 0.00 N | 34.43 -4.09 0.00 N | 33.82 -3.84 -2.28 N | 39.16 -4.80 -0.65 N | 36.29 -4.94 -0.03 N | 42.54 -6.17 1.83 N | 43.25 -5.40 -0.23 N | 45.00 -5.42 0.00 N | 46.83 -5.39 0.00 N | 45.31 -5.40 0.00 N | 44.55 -5.36 0.00 N | 45.66 -5.59 0.00 N | 44.20 -5.34 -0.14 N | 40.59 -4.51 -0.89 N | 40.16 -4.31 -0.33 N | 38.31 -4.51 -0.31 N | 37.35 -4.32 -0.90 N | 40.79 -4.54 -0.26 N | 39.43 -4.48 0.00 N |
| INDECK___CORINTH 23802 | 37.61 2.86 0.00 N | 38.99 2.85 0.00 N | 34.75 2.84 0.00 N | 35.12 3.16 0.00 N | 35.93 3.08 0.00 N | 40.65 3.07 0.00 N | 41.71 3.18 0.00 N | 57.58 2.76 -19.45 N | 52.21 3.33 -5.57 N | 53.58 3.59 -8.80 N | 55.21 4.53 -0.14 N | 55.01 4.01 -2.57 N | 54.25 3.83 0.00 N | 55.81 3.58 0.00 N | 54.39 3.68 0.00 N | 53.52 3.60 0.00 N | 54.90 3.66 0.00 N | 53.95 3.34 -1.21 N | 54.94 3.13 -7.59 N | 50.25 3.33 -2.78 N | 48.53 3.34 -2.68 N | 51.71 3.28 -7.66 N | 50.77 3.39 -2.32 N | 47.81 3.89 0.00 N |
| INDECK___ILION 23567 | 35.87 1.12 0.00 N | 37.35 1.22 0.00 N | 32.94 1.03 0.00 N | 32.98 1.02 0.00 N | 33.89 1.04 0.00 N | 38.74 1.16 0.00 N | 39.92 1.39 0.00 N | 36.57 1.58 0.38 N | 45.12 1.92 0.11 N | 42.91 1.89 0.17 N | 52.84 2.30 0.00 N | 50.56 2.18 0.05 N | 52.70 2.28 0.00 N | 54.50 2.28 0.00 N | 52.90 2.19 0.00 N | 52.09 2.17 0.00 N | 53.51 2.26 0.00 N | 51.60 2.22 0.02 N | 45.99 1.93 0.15 N | 45.86 1.77 0.05 N | 44.23 1.78 0.05 N | 42.32 1.70 0.15 N | 46.81 1.78 0.04 N | 45.38 1.46 0.00 N |
| INDECK___OLEAN 23982 | 32.34 -2.41 0.00 N | 33.53 -2.61 0.00 N | 29.32 -2.59 0.00 N | 29.23 -2.73 0.00 N | 30.12 -2.72 0.00 N | 34.73 -2.84 0.00 N | 35.87 -2.66 0.00 N | 35.58 -2.26 -2.47 N | 41.45 -2.57 -0.71 N | 38.71 -2.54 -0.06 N | 45.95 -2.80 1.79 N | 46.68 -2.00 -0.25 N | 48.65 -1.77 0.00 N | 50.54 -1.69 0.00 N | 48.72 -1.99 0.00 N | 47.71 -2.21 0.00 N | 48.82 -2.43 0.00 N | 47.15 -2.40 -0.15 N | 42.78 -2.39 -0.96 N | 41.85 -2.64 -0.35 N | 39.99 -2.85 -0.34 N | 39.24 -2.50 -0.97 N | 42.47 -2.89 -0.29 N | 40.89 -3.02 0.00 N |
| INDECK___OSWEGO 23783 | 33.86 -0.90 0.00 N | 35.23 -0.90 0.00 N | 31.17 -0.74 0.00 N | 31.25 -0.72 0.00 N | 32.12 -0.73 0.00 N | 36.73 -0.85 0.00 N | 37.52 -1.01 0.00 N | 35.39 -1.03 -1.04 N | 42.37 -1.24 -0.30 N | 40.46 -1.19 -0.46 N | 49.11 -1.44 -0.01 N | 47.16 -1.41 -0.14 N | 48.93 -1.49 0.00 N | 50.71 -1.52 0.00 N | 49.21 -1.50 0.00 N | 48.43 -1.48 0.00 N | 49.73 -1.52 0.00 N | 47.94 -1.52 -0.06 N | 43.29 -1.33 -0.41 N | 43.01 -1.28 -0.15 N | 41.39 -1.26 -0.14 N | 39.98 -1.20 -0.41 N | 43.83 -1.37 -0.13 N | 42.76 -1.15 0.00 N |
| INDECK___YERKES 23781 | 31.61 -3.14 0.00 N | 32.73 -3.40 0.00 N | 28.85 -3.06 0.00 N | 28.78 -3.18 0.00 N | 29.60 -3.25 0.00 N | 34.04 -3.53 0.00 N | 34.71 -3.82 0.00 N | 34.08 -3.57 -2.27 N | 39.53 -4.43 -0.65 N | 36.72 -4.55 -0.07 N | 43.05 -5.68 1.81 N | 43.67 -4.98 -0.22 N | 45.44 -4.98 0.00 N | 47.30 -4.93 0.00 N | 45.76 -4.95 0.00 N | 44.99 -4.93 0.00 N | 46.07 -5.17 0.00 N | 44.58 -4.96 -0.14 N | 40.91 -4.19 -0.89 N | 40.48 -3.98 -0.32 N | 38.64 -4.17 -0.31 N | 37.68 -3.99 -0.89 N | 41.29 -4.03 -0.26 N | 40.03 -3.89 0.00 N |
| INDIAN POINT_GT_1 24139 | 36.58 1.83 0.00 N | 37.95 1.82 0.00 N | 33.09 1.18 0.00 N | 33.00 1.04 0.00 N | 33.98 1.14 0.00 N | 39.16 1.59 0.00 N | 40.60 2.07 0.00 N | 52.49 2.45 -14.66 N | 50.50 2.99 -4.20 N | 50.68 2.83 -6.65 N | 54.05 3.41 -0.10 N | 53.78 3.42 -1.93 N | 54.13 3.71 0.00 N | 56.12 3.89 0.00 N | 54.35 3.64 0.00 N | 53.55 3.63 0.00 N | 55.02 3.78 0.00 N | 53.93 3.62 -0.91 N | 52.82 2.88 -5.72 N | 48.66 2.42 -2.09 N | 46.96 2.44 -2.02 N | 48.88 2.34 -5.77 N | 49.44 2.61 -1.76 N | 45.97 2.06 0.00 N |
| INDIAN POINT_GT_2 23659 | 36.58 1.83 0.00 N | 37.95 1.82 0.00 N | 33.09 1.18 0.00 N | 33.00 1.04 0.00 N | 33.98 1.14 0.00 N | 39.16 1.59 0.00 N | 40.60 2.07 0.00 N | 52.49 2.45 -14.66 N | 50.50 2.99 -4.20 N | 50.68 2.83 -6.65 N | 54.05 3.41 -0.10 N | 53.78 3.42 -1.93 N | 54.13 3.71 0.00 N | 56.12 3.89 0.00 N | 54.35 3.64 0.00 N | 53.55 3.63 0.00 N | 55.02 3.78 0.00 N | 53.93 3.62 -0.91 N | 52.82 2.88 -5.72 N | 48.66 2.42 -2.09 N | 46.96 2.44 -2.02 N | 48.88 2.34 -5.77 N | 49.44 2.61 -1.76 N | 45.97 2.06 0.00 N |
| INDIAN POINT_GT_3 24019 | 36.58 1.83 0.00 N | 37.95 1.82 0.00 N | 33.09 1.18 0.00 N | 33.00 1.04 0.00 N | 33.98 1.14 0.00 N | 39.16 1.59 0.00 N | 40.60 2.07 0.00 N | 52.49 2.45 -14.66 N | 50.50 2.99 -4.20 N | 50.68 2.83 -6.65 N | 54.05 3.41 -0.10 N | 53.78 3.42 -1.93 N | 54.13 3.71 0.00 N | 56.12 3.89 0.00 N | 54.35 3.64 0.00 N | 53.55 3.63 0.00 N | 55.02 3.78 0.00 N | 53.93 3.62 -0.91 N | 52.82 2.88 -5.72 N | 48.66 2.42 -2.09 N | 46.96 2.44 -2.02 N | 48.88 2.34 -5.77 N | 49.44 2.61 -1.76 N | 45.97 2.06 0.00 N |
| INDIAN POINT___2 23530 | 36.36 1.60 0.00 N | 37.72 1.59 0.00 N | 32.89 0.98 0.00 N | 32.80 0.83 0.00 N | 33.78 0.93 0.00 N | 38.94 1.36 0.00 N | 40.37 1.84 0.00 N | 52.12 2.24 -14.50 N | 50.20 2.74 -4.15 N | 50.37 2.59 -6.58 N | 53.75 3.11 -0.10 N | 53.47 3.13 -1.91 N | 53.84 3.42 0.00 N | 55.83 3.60 0.00 N | 54.07 3.36 0.00 N | 53.27 3.35 0.00 N | 54.75 3.50 0.00 N | 53.66 3.35 -0.90 N | 52.52 2.64 -5.66 N | 48.39 2.18 -2.07 N | 46.70 2.20 -2.00 N | 48.58 2.10 -5.71 N | 49.14 2.35 -1.73 N | 45.72 1.80 0.00 N |
| INDIAN POINT___3 23531 | 36.27 1.52 0.00 N | 37.63 1.50 0.00 N | 32.83 0.92 0.00 N | 32.74 0.78 0.00 N | 33.71 0.87 0.00 N | 38.85 1.27 0.00 N | 40.27 1.74 0.00 N | 52.17 2.13 -14.66 N | 50.10 2.58 -4.20 N | 50.29 2.45 -6.65 N | 53.57 2.93 -0.10 N | 53.32 2.96 -1.93 N | 53.65 3.23 0.00 N | 55.62 3.39 0.00 N | 53.87 3.16 0.00 N | 53.07 3.16 0.00 N | 54.53 3.29 0.00 N | 53.47 3.16 -0.91 N | 52.43 2.49 -5.73 N | 48.29 2.05 -2.10 N | 46.60 2.07 -2.02 N | 48.53 1.99 -5.77 N | 49.05 2.22 -1.76 N | 45.60 1.69 0.00 N |
| INDIAN PT_GT_GRP 23687 | 36.58 1.83 0.00 N | 37.95 1.82 0.00 N | 33.09 1.18 0.00 N | 33.00 1.04 0.00 N | 33.98 1.14 0.00 N | 39.16 1.59 0.00 N | 40.60 2.07 0.00 N | 52.49 2.45 -14.66 N | 50.50 2.99 -4.20 N | 50.68 2.83 -6.65 N | 54.05 3.41 -0.10 N | 53.78 3.42 -1.93 N | 54.13 3.71 0.00 N | 56.12 3.89 0.00 N | 54.35 3.64 0.00 N | 53.55 3.63 0.00 N | 55.02 3.78 0.00 N | 53.93 3.62 -0.91 N | 52.82 2.88 -5.72 N | 48.66 2.42 -2.09 N | 46.96 2.44 -2.02 N | 48.88 2.34 -5.77 N | 49.44 2.61 -1.76 N | 45.97 2.06 0.00 N |

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| IP CORINTH___1 23988 | 37.61 2.86 0.00 N | 38.99 2.85 0.00 N | 34.75 2.84 0.00 N | 35.12 3.16 0.00 N | 35.93 3.08 0.00 N | 40.65 3.07 0.00 N | 41.71 3.18 0.00 N | 57.58 2.76 -19.45 N | 52.21 3.33 -5.57 N | 53.58 3.59 -8.80 N | 55.21 4.54 -0.14 N | 55.01 4.01 -2.57 N | 54.25 3.83 0.00 N | 55.81 3.58 0.00 N | 54.39 3.68 0.00 N | 53.52 3.60 0.00 N | 54.90 3.66 0.00 N | 53.95 3.34 -1.21 N | 54.94 3.13 -7.59 N | 50.25 3.33 -2.78 N | 48.53 3.34 -2.68 N | 51.71 3.28 -7.66 N | 50.77 3.39 -2.32 N | 47.81 3.89 0.00 N |
| IP___TICONDEROGA 23804 | 38.52 3.76 0.00 N | 39.71 3.58 0.00 N | 35.44 3.53 0.00 N | 36.07 4.11 0.00 N | 36.81 3.97 0.00 N | 41.29 3.71 0.00 N | 42.56 4.04 0.00 N | 57.92 3.77 -18.76 N | 52.96 4.27 -5.38 N | 54.20 4.52 -8.49 N | 56.19 5.52 -0.13 N | 55.86 4.95 -2.47 N | 55.29 4.87 0.00 N | 56.76 4.53 0.00 N | 55.64 4.93 0.00 N | 54.55 4.63 0.00 N | 55.95 4.71 0.00 N | 54.58 4.02 -1.17 N | 55.34 3.80 -7.33 N | 50.73 3.90 -2.68 N | 48.77 3.68 -2.59 N | 51.80 3.65 -7.38 N | 51.33 4.01 -2.26 N | 48.87 4.96 0.00 N |
| JARVIS____ 23743 | 35.01 0.25 0.00 N | 36.41 0.28 0.00 N | 32.15 0.24 0.00 N | 32.20 0.23 0.00 N | 33.08 0.24 0.00 N | 37.83 0.26 0.00 N | 38.83 0.31 0.00 N | 35.37 0.37 0.38 N | 43.65 0.45 0.11 N | 41.46 0.43 0.17 N | 51.06 0.52 0.00 N | 48.87 0.49 0.05 N | 50.94 0.52 0.00 N | 52.74 0.51 0.00 N | 51.20 0.49 0.00 N | 50.40 0.49 0.00 N | 51.75 0.51 0.00 N | 49.88 0.50 0.02 N | 44.49 0.43 0.15 N | 44.47 0.38 0.05 N | 42.84 0.39 0.05 N | 40.99 0.37 0.15 N | 45.41 0.38 0.04 N | 44.21 0.30 0.00 N |
| JENNISON___1 23625 | 35.73 0.97 0.00 N | 37.13 1.00 0.00 N | 32.69 0.78 0.00 N | 32.63 0.67 0.00 N | 33.55 0.70 0.00 N | 38.57 0.99 0.00 N | 39.73 1.20 0.00 N | 41.82 1.41 -5.03 N | 46.56 1.81 -1.44 N | 45.45 1.76 -2.50 N | 52.70 2.08 -0.08 N | 51.09 2.00 -0.66 N | 52.73 2.31 0.00 N | 54.62 2.39 0.00 N | 52.91 2.20 0.00 N | 52.00 2.08 0.00 N | 53.47 2.22 0.00 N | 51.79 2.07 -0.31 N | 47.82 1.64 -1.96 N | 46.25 1.39 -0.72 N | 44.57 1.38 -0.69 N | 44.15 1.40 -1.98 N | 47.15 1.49 -0.59 N | 44.99 1.07 0.00 N |
| JENNISON___2 23626 | 35.70 0.94 0.00 N | 37.10 0.97 0.00 N | 32.67 0.76 0.00 N | 32.62 0.65 0.00 N | 33.53 0.68 0.00 N | 38.55 0.97 0.00 N | 39.70 1.17 0.00 N | 41.78 1.38 -5.03 N | 46.52 1.76 -1.44 N | 45.40 1.71 -2.50 N | 52.64 2.02 -0.08 N | 51.02 1.94 -0.66 N | 52.66 2.24 0.00 N | 54.55 2.32 0.00 N | 52.84 2.13 0.00 N | 51.93 2.01 0.00 N | 53.40 2.16 0.00 N | 51.73 2.02 -0.31 N | 47.76 1.58 -1.96 N | 46.19 1.33 -0.72 N | 44.52 1.32 -0.69 N | 44.10 1.35 -1.98 N | 47.09 1.44 -0.59 N | 44.94 1.03 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 48.33 2.56 -11.02 N | 122.86 3.29 -83.43 N | 70.97 2.34 -36.72 N | 41.19 2.09 -7.13 N | 61.05 2.29 -25.91 N | 60.90 2.72 -20.60 N | 61.02 2.99 -19.51 N | 60.16 2.92 -21.86 N | 62.44 3.35 -15.78 N | 77.83 3.11 -33.52 N | 75.25 3.17 -21.54 N | 72.17 3.57 -20.18 N | 74.87 3.54 -20.91 N | 65.46 2.85 -10.38 N | 78.24 3.03 -24.49 N | 81.19 3.19 -28.08 N | 62.49 3.07 -8.17 N | 57.78 2.80 -5.58 N | 58.48 2.18 -12.09 N | 56.75 1.79 -10.82 N | 57.36 2.11 -12.75 N | 57.82 2.18 -14.87 N | 60.84 2.51 -13.27 N | 55.89 2.81 -9.16 N |
| KEDC PORT_JEFF_GT3 24211 | 48.33 2.56 -11.02 N | 122.86 3.29 -83.43 N | 70.97 2.34 -36.72 N | 41.19 2.09 -7.13 N | 61.05 2.29 -25.91 N | 60.90 2.72 -20.60 N | 61.02 2.99 -19.51 N | 60.16 2.92 -21.86 N | 62.44 3.35 -15.78 N | 77.83 3.11 -33.52 N | 75.25 3.17 -21.54 N | 72.17 3.57 -20.18 N | 74.87 3.54 -20.91 N | 65.46 2.85 -10.38 N | 78.24 3.03 -24.49 N | 81.19 3.19 -28.08 N | 62.49 3.07 -8.17 N | 57.78 2.80 -5.58 N | 58.48 2.18 -12.09 N | 56.75 1.79 -10.82 N | 57.36 2.11 -12.75 N | 57.82 2.18 -14.87 N | 60.84 2.51 -13.27 N | 55.89 2.81 -9.16 N |
| KEDC_GLWD_GRP 24221 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.06 3.83 -14.09 N | 63.05 3.78 -16.76 N | 61.82 3.62 -17.43 N | 62.52 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| KEDC_GLWD_GT4 24219 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.06 3.83 -14.09 N | 63.05 3.78 -16.76 N | 61.82 3.62 -17.43 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| KEDC_GLWD_GT5 24220 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 65.36 4.38 -16.77 N | 62.06 3.83 -14.09 N | 63.05 3.78 -16.76 N | 61.82 3.62 -17.43 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |
| KENSICO____ 23655 | 36.92 2.16 0.00 N | 38.29 2.15 0.00 N | 33.36 1.45 0.00 N | 33.27 1.30 0.00 N | 34.26 1.42 0.00 N | 39.49 1.92 0.00 N | 40.96 2.43 0.00 N | 52.92 2.79 -14.75 N | 50.94 3.41 -4.23 N | 51.12 3.23 -6.69 N | 54.54 3.90 -0.10 N | 54.27 3.89 -1.95 N | 54.61 4.19 0.00 N | 56.59 4.37 0.00 N | 54.82 4.11 0.00 N | 54.00 4.09 0.00 N | 55.47 4.23 0.00 N | 54.36 4.05 -0.92 N | 53.21 3.24 -5.76 N | 49.02 2.77 -2.11 N | 47.32 2.78 -2.03 N | 49.26 2.68 -5.81 N | 49.83 3.00 -1.77 N | 46.35 2.43 0.00 N |
| KIAC_JFK_AIRPORT 23541 | 133.05 2.18 -96.11 N | 72.86 2.22 -34.51 N | 72.15 1.38 -38.86 N | 71.88 1.19 -38.72 N | 71.80 1.34 -37.61 N | 75.34 1.85 -35.91 N | 77.75 2.40 -36.83 N | 64.57 2.74 -26.46 N | 89.23 3.30 -42.62 N | 80.49 3.18 -36.12 N | 92.07 3.80 -37.74 N | 100.91 3.79 -48.69 N | 98.38 4.07 -43.89 N | 117.57 4.16 -61.18 N | 81.19 3.96 -26.52 N | 58.94 3.92 -5.11 N | 67.17 3.93 -12.00 N | 62.13 3.73 -9.00 N | 52.82 2.83 -5.77 N | 53.82 2.28 -7.39 N | 92.23 2.34 -47.38 N | 88.96 2.31 -45.88 N | 99.95 2.91 -51.98 N | 54.14 2.21 -8.01 N |
| KIAC_JFK_GT1 23816 | 133.05 2.18 -96.11 N | 72.86 2.22 -34.51 N | 72.15 1.38 -38.86 N | 71.88 1.19 -38.72 N | 71.80 1.34 -37.61 N | 75.34 1.85 -35.91 N | 77.75 2.40 -36.83 N | 64.57 2.74 -26.46 N | 89.23 3.30 -42.62 N | 80.49 3.18 -36.12 N | 92.07 3.80 -37.74 N | 100.91 3.79 -48.69 N | 98.38 4.07 -43.89 N | 117.57 4.16 -61.18 N | 81.19 3.96 -26.52 N | 58.94 3.92 -5.11 N | 67.17 3.93 -12.00 N | 62.13 3.73 -9.00 N | 52.82 2.83 -5.77 N | 53.82 2.28 -7.39 N | 92.23 2.34 -47.38 N | 88.96 2.31 -45.88 N | 99.95 2.91 -51.98 N | 54.14 2.21 -8.01 N |

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| KIAC_JFK_GT2 23817 | 133.05 2.18 -96.11 N | 72.86 2.22 -34.51 N | 72.15 1.38 -38.86 N | 71.88 1.19 -38.72 N | 71.80 1.34 -37.61 N | 75.34 1.85 -35.91 N | 77.75 2.40 -36.83 N | 64.57 2.74 -26.46 N | 89.23 3.30 -42.62 N | 80.49 3.18 -36.12 N | 92.07 3.80 -37.74 N | 100.91 3.79 -48.69 N | 98.38 4.07 -43.89 N | 117.57 4.16 -61.18 N | 81.19 3.96 -26.52 N | 58.94 3.92 -5.11 N | 67.17 3.93 -12.00 N | 62.13 3.73 -9.00 N | 52.82 2.83 -5.77 N | 53.82 2.28 -7.39 N | 92.23 2.34 -47.38 N | 88.96 2.31 -45.88 N | 99.95 2.91 -51.98 N | 54.14 2.21 -8.01 N |
| KINTIGH____ 23543 | 31.19 -3.56 0.00 N | 32.34 -3.80 0.00 N | 28.48 -3.43 0.00 N | 28.40 -3.56 0.00 N | 29.21 -3.64 0.00 N | 33.67 -3.91 0.00 N | 34.25 -4.27 0.00 N | 33.30 -4.02 -1.94 N | 38.87 -5.00 -0.55 N | 36.31 -5.15 -0.27 N | 42.39 -6.46 1.69 N | 42.83 -5.77 -0.18 N | 44.84 -5.58 0.00 N | 46.66 -5.57 0.00 N | 45.11 -5.60 0.00 N | 44.24 -5.67 0.00 N | 45.40 -5.85 0.00 N | 43.93 -5.59 -0.12 N | 40.25 -4.72 -0.76 N | 39.96 -4.46 -0.28 N | 38.04 -4.73 -0.27 N | 36.96 -4.58 -0.76 N | 40.50 -4.80 -0.23 N | 39.12 -4.80 0.00 N |
| LEDERLE____ 23769 | 36.19 1.43 0.00 N | 37.50 1.36 0.00 N | 32.76 0.85 0.00 N | 32.65 0.68 0.00 N | 33.58 0.74 0.00 N | 38.69 1.11 0.00 N | 40.15 1.63 0.00 N | 51.69 2.05 -14.27 N | 49.97 2.57 -4.09 N | 50.24 2.57 -6.48 N | 53.71 3.07 -0.10 N | 53.50 3.19 -1.88 N | 53.93 3.51 0.00 N | 56.01 3.78 0.00 N | 54.27 3.56 0.00 N | 53.49 3.57 0.00 N | 54.96 3.72 0.00 N | 53.86 3.57 -0.89 N | 52.75 2.97 -5.57 N | 48.70 2.51 -2.04 N | 46.90 2.43 -1.97 N | 48.62 2.23 -5.62 N | 49.19 2.43 -1.70 N | 45.69 1.78 0.00 N |
| LINDEN COGEN____ 23786 | 37.29 2.54 0.00 N | 38.65 2.52 0.00 N | 33.58 1.67 0.00 N | 33.47 1.51 0.00 N | 34.50 1.65 0.00 N | 39.83 2.25 0.00 N | 41.35 2.82 0.00 N | 53.37 3.21 -14.78 N | 51.48 3.94 -4.23 N | 51.62 3.72 -6.71 N | 55.17 4.53 -0.10 N | 54.86 4.48 -1.95 N | 55.23 4.81 0.00 N | 57.23 5.00 0.00 N | 55.37 4.66 0.00 N | 54.53 4.61 0.00 N | 56.00 4.76 0.00 N | 54.86 4.54 -0.92 N | 53.58 3.59 -5.77 N | 49.30 3.04 -2.11 N | 47.61 3.07 -2.04 N | 49.60 3.01 -5.82 N | 50.27 3.44 -1.77 N | 46.71 2.80 0.00 N |
| LIPA_MISC_IPP 23656 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.65 2.40 -12.04 N | 56.94 2.02 -10.78 N | 57.66 2.46 -12.70 N | 57.97 2.36 -14.84 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| LITTLE FALLS____HYD 24013 | 37.22 2.47 0.00 N | 38.80 2.66 0.00 N | 34.09 2.18 0.00 N | 34.11 2.15 0.00 N | 35.05 2.20 0.00 N | 40.05 2.48 0.00 N | 41.61 3.09 0.00 N | 38.58 3.59 0.38 N | 47.56 4.35 0.11 N | 45.31 4.29 0.17 N | 55.75 5.21 0.00 N | 53.36 4.98 0.05 N | 55.66 5.24 0.00 N | 57.45 5.23 0.00 N | 55.73 5.02 0.00 N | 54.92 5.00 0.00 N | 56.46 5.21 0.00 N | 54.52 5.14 0.02 N | 48.51 4.45 0.15 N | 48.16 4.08 0.05 N | 46.52 4.07 0.05 N | 44.51 3.89 0.15 N | 49.12 4.10 0.04 N | 47.16 3.24 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 33.97 -0.79 0.00 N | 35.34 -0.80 0.00 N | 31.26 -0.65 0.00 N | 31.33 -0.63 0.00 N | 32.21 -0.64 0.00 N | 36.85 -0.73 0.00 N | 37.64 -0.89 0.00 N | 35.58 -0.88 -1.07 N | 42.58 -1.04 -0.31 N | 40.66 -1.00 -0.47 N | 49.34 -1.21 -0.01 N | 47.37 -1.20 -0.14 N | 49.15 -1.27 0.00 N | 50.91 -1.31 0.00 N | 49.41 -1.30 0.00 N | 48.63 -1.29 0.00 N | 49.98 -1.26 0.00 N | 48.17 -1.30 -0.07 N | 43.50 -1.13 -0.42 N | 43.21 -1.09 -0.15 N | 41.58 -1.07 -0.15 N | 40.17 -1.02 -0.42 N | 44.02 -1.18 -0.13 N | 42.94 -0.98 0.00 N |
| LOVETT____3 23632 | 36.03 1.27 0.00 N | 37.37 1.23 0.00 N | 32.68 0.77 0.00 N | 32.58 0.61 0.00 N | 33.52 0.68 0.00 N | 38.60 1.02 0.00 N | 40.01 1.48 0.00 N | 51.49 1.77 -14.35 N | 49.52 2.09 -4.11 N | 49.81 2.11 -6.51 N | 53.09 2.45 -0.10 N | 52.89 2.57 -1.89 N | 53.26 2.84 0.00 N | 55.25 3.03 0.00 N | 53.55 2.84 0.00 N | 52.81 2.89 0.00 N | 54.25 3.00 0.00 N | 53.21 2.92 -0.89 N | 52.32 2.50 -5.60 N | 48.39 2.20 -2.05 N | 46.61 2.13 -1.98 N | 48.31 1.90 -5.65 N | 48.89 2.10 -1.73 N | 45.45 1.54 0.00 N |
| LOVETT____4 23642 | 36.02 1.27 0.00 N | 37.37 1.23 0.00 N | 32.68 0.77 0.00 N | 32.58 0.61 0.00 N | 33.52 0.68 0.00 N | 38.60 1.02 0.00 N | 40.01 1.48 0.00 N | 51.50 1.77 -14.35 N | 49.51 2.09 -4.11 N | 49.81 2.10 -6.51 N | 53.09 2.45 -0.10 N | 52.89 2.57 -1.89 N | 53.25 2.83 0.00 N | 55.24 3.02 0.00 N | 53.54 2.83 0.00 N | 52.80 2.89 0.00 N | 54.24 3.00 0.00 N | 53.21 2.92 -0.89 N | 52.32 2.50 -5.60 N | 48.40 2.20 -2.05 N | 46.61 2.13 -1.98 N | 48.32 1.89 -5.65 N | 48.89 2.10 -1.73 N | 45.45 1.53 0.00 N |
| LOVETT____5 23593 | 36.04 1.28 0.00 N | 37.38 1.24 0.00 N | 32.69 0.78 0.00 N | 32.59 0.62 0.00 N | 33.53 0.69 0.00 N | 38.61 1.03 0.00 N | 40.02 1.49 0.00 N | 51.51 1.78 -14.35 N | 49.54 2.12 -4.11 N | 49.84 2.13 -6.51 N | 53.12 2.48 -0.10 N | 52.92 2.60 -1.89 N | 53.28 2.86 0.00 N | 55.28 3.06 0.00 N | 53.58 2.87 0.00 N | 52.84 2.92 0.00 N | 54.28 3.03 0.00 N | 53.24 2.95 -0.89 N | 52.34 2.52 -5.60 N | 48.41 2.22 -2.05 N | 46.63 2.15 -1.98 N | 48.33 1.91 -5.65 N | 48.91 2.12 -1.73 N | 45.47 1.55 0.00 N |
| LOWER RAQUET____HYD 24057 | 35.71 0.95 0.00 N | 37.06 0.92 0.00 N | 32.91 0.99 0.00 N | 33.08 1.12 0.00 N | 34.01 1.16 0.00 N | 38.85 1.27 0.00 N | 39.49 0.97 0.00 N | 35.42 0.13 0.08 N | 43.31 0.03 0.02 N | 41.25 0.10 0.03 N | 50.67 0.14 0.00 N | 48.34 -0.08 0.01 N | 50.07 -0.35 0.00 N | 51.73 -0.50 0.00 N | 50.64 -0.07 0.00 N | 50.17 0.26 0.00 N | 51.48 0.24 0.00 N | 49.51 0.12 0.01 N | 44.35 0.17 0.03 N | 44.68 0.55 0.01 N | 43.03 0.54 0.01 N | 41.26 0.52 0.03 N | 45.67 0.61 0.00 N | 45.26 1.35 0.00 N |
| LOWER____HUDSON 24059 | 37.64 2.88 0.00 N | 39.22 3.09 0.00 N | 35.02 3.11 0.00 N | 35.33 3.37 0.00 N | 36.17 3.33 0.00 N | 40.97 3.39 0.00 N | 41.86 3.33 0.00 N | 56.97 2.71 -18.89 N | 51.91 3.19 -5.41 N | 53.12 3.38 -8.55 N | 54.90 4.23 -0.13 N | 54.56 3.64 -2.49 N | 53.88 3.46 0.00 N | 55.47 3.24 0.00 N | 54.25 3.54 0.00 N | 53.43 3.51 0.00 N | 54.79 3.54 0.00 N | 53.96 3.38 -1.18 N | 54.78 3.19 -7.38 N | 50.31 3.47 -2.70 N | 48.67 3.56 -2.61 N | 51.64 3.43 -7.44 N | 50.99 3.67 -2.26 N | 47.97 4.05 0.00 N |
| MG INDUSTRY____DRP 24185 | 37.00 2.25 0.00 N | 38.56 2.42 0.00 N | 34.40 2.49 0.00 N | 34.61 2.64 0.00 N | 35.49 2.64 0.00 N | 40.28 2.70 0.00 N | 40.93 2.41 0.00 N | 55.74 1.78 -18.58 N | 50.76 2.13 -5.32 N | 51.84 2.24 -8.41 N | 53.51 2.84 -0.13 N | 53.13 2.25 -2.45 N | 52.40 1.98 0.00 N | 54.01 1.78 0.00 N | 52.63 1.92 0.00 N | 51.88 1.96 0.00 N | 53.20 1.96 0.00 N | 52.46 1.90 -1.16 N | 53.30 1.83 -7.25 N | 48.91 2.11 -2.65 N | 47.31 2.25 -2.56 N | 50.20 2.12 -7.31 N | 49.55 2.27 -2.22 N | 46.64 2.72 0.00 N |

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| MILLIKEN___1 23584 | 31.74 -3.02 0.00 N | 32.68 -3.45 0.00 N | 28.60 -3.31 0.00 N | 28.43 -3.54 0.00 N | 29.27 -3.58 0.00 N | 33.52 -4.06 0.00 N | 34.58 -3.94 0.00 N | 34.51 -3.29 -2.43 N | 40.30 -3.70 -0.69 N | 39.15 -3.41 -1.37 N | 46.85 -3.84 -0.15 N | 45.38 -3.37 -0.32 N | 46.52 -3.90 0.00 N | 48.24 -3.99 0.00 N | 46.77 -3.94 0.00 N | 46.13 -3.79 0.00 N | 47.10 -4.15 0.00 N | 45.48 -4.07 -0.15 N | 41.55 -3.61 -0.95 N | 40.87 -3.62 -0.35 N | 39.28 -3.55 -0.33 N | 38.46 -3.27 -0.95 N | 41.37 -3.98 -0.29 N | 39.96 -3.96 0.00 N |
| MILLIKEN___2 23585 | 31.75 -3.01 0.00 N | 32.69 -3.44 0.00 N | 28.60 -3.31 0.00 N | 28.42 -3.54 0.00 N | 29.27 -3.58 0.00 N | 33.51 -4.07 0.00 N | 34.57 -3.95 0.00 N | 34.51 -3.30 -2.43 N | 40.30 -3.71 -0.69 N | 39.14 -3.42 -1.37 N | 46.83 -3.85 -0.15 N | 45.37 -3.38 -0.32 N | 46.51 -3.91 0.00 N | 48.23 -4.00 0.00 N | 46.75 -3.96 0.00 N | 46.12 -3.80 0.00 N | 47.08 -4.16 0.00 N | 45.47 -4.08 -0.15 N | 41.54 -3.62 -0.95 N | 40.86 -3.63 -0.35 N | 39.28 -3.56 -0.33 N | 38.45 -3.28 -0.95 N | 41.36 -4.00 -0.29 N | 39.95 -3.96 0.00 N |
| MILLIKEN___DIESEL 23629 | 31.75 -3.01 0.00 N | 32.69 -3.44 0.00 N | 28.60 -3.31 0.00 N | 28.42 -3.54 0.00 N | 29.27 -3.58 0.00 N | 33.51 -4.07 0.00 N | 34.57 -3.95 0.00 N | 34.51 -3.30 -2.43 N | 40.30 -3.71 -0.69 N | 39.14 -3.42 -1.37 N | 46.83 -3.85 -0.15 N | 45.37 -3.38 -0.32 N | 46.51 -3.91 0.00 N | 48.23 -4.00 0.00 N | 46.75 -3.96 0.00 N | 46.12 -3.80 0.00 N | 47.08 -4.16 0.00 N | 45.47 -4.08 -0.15 N | 41.54 -3.62 -0.95 N | 40.86 -3.63 -0.35 N | 39.28 -3.56 -0.33 N | 38.45 -3.28 -0.95 N | 41.36 -4.00 -0.29 N | 39.95 -3.96 0.00 N |
| MODEL_CITY_ENERGY 24167 | 31.58 -3.18 0.00 N | 32.69 -3.45 0.00 N | 28.81 -3.10 0.00 N | 28.75 -3.21 0.00 N | 29.55 -3.30 0.00 N | 33.97 -3.60 0.00 N | 34.56 -3.96 0.00 N | 33.83 -3.76 -2.21 N | 39.23 -4.72 -0.63 N | 36.43 -4.88 -0.12 N | 42.62 -6.13 1.79 N | 43.19 -5.46 -0.22 N | 44.92 -5.50 0.00 N | 46.76 -5.47 0.00 N | 45.27 -5.44 0.00 N | 44.52 -5.40 0.00 N | 45.62 -5.62 0.00 N | 44.16 -5.38 -0.14 N | 40.59 -4.49 -0.86 N | 40.26 -4.20 -0.32 N | 38.43 -4.38 -0.30 N | 37.41 -4.23 -0.87 N | 40.91 -4.42 -0.26 N | 39.58 -4.34 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 37.67 2.92 0.00 N | 39.25 3.11 0.00 N | 35.05 3.14 0.00 N | 35.31 3.35 0.00 N | 36.18 3.34 0.00 N | 41.04 3.46 0.00 N | 41.87 3.34 0.00 N | 57.05 2.62 -19.05 N | 51.93 3.16 -5.46 N | 53.09 3.28 -8.62 N | 54.79 4.12 -0.13 N | 54.43 3.49 -2.51 N | 53.70 3.28 0.00 N | 55.30 3.07 0.00 N | 53.92 3.21 0.00 N | 53.13 3.22 0.00 N | 54.47 3.23 0.00 N | 53.73 3.14 -1.19 N | 54.63 2.98 -7.44 N | 50.16 3.29 -2.72 N | 48.52 3.39 -2.63 N | 51.52 3.25 -7.50 N | 50.82 3.47 -2.29 N | 47.78 3.86 0.00 N |
| MONGAUP___HYD 23641 | 35.44 0.68 0.00 N | 36.79 0.66 0.00 N | 32.21 0.30 0.00 N | 32.14 0.18 0.00 N | 33.08 0.23 0.00 N | 38.05 0.47 0.00 N | 39.37 0.85 0.00 N | 50.15 1.29 -13.48 N | 48.74 1.57 -3.86 N | 48.78 1.47 -6.12 N | 52.32 1.69 -0.10 N | 52.00 1.80 -1.78 N | 52.44 2.02 0.00 N | 54.43 2.20 0.00 N | 52.73 2.02 0.00 N | 51.96 2.04 0.00 N | 53.42 2.17 0.00 N | 52.37 2.13 -0.84 N | 51.20 1.73 -5.26 N | 47.41 1.34 -1.93 N | 45.70 1.34 -1.86 N | 47.32 1.24 -5.31 N | 48.08 1.39 -1.63 N | 44.81 0.89 0.00 N |
| MONTAUK___DIESEL 23721 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| N SALMON___HYD 24042 | 34.53 -0.23 0.00 N | 35.95 -0.18 0.00 N | 31.91 0.00 0.00 N | 32.05 0.08 0.00 N | 32.94 0.10 0.00 N | 37.62 0.04 0.00 N | 38.27 -0.25 0.00 N | 34.67 -0.56 0.15 N | 42.59 -0.68 0.04 N | 40.51 -0.61 0.07 N | 49.84 -0.70 0.00 N | 47.59 -0.82 0.02 N | 49.45 -0.97 0.00 N | 51.20 -1.03 0.00 N | 49.74 -0.97 0.00 N | 48.96 -0.96 0.00 N | 50.27 -0.98 0.00 N | 48.33 -1.06 0.01 N | 43.26 -0.89 0.06 N | 43.36 -0.76 0.02 N | 41.75 -0.73 0.02 N | 40.01 -0.70 0.06 N | 44.19 -0.85 0.03 N | 43.55 -0.37 0.00 N |
| N.E_GEN_SANDY PD 24062 | 36.11 1.35 0.00 N | 37.57 1.43 0.00 N | 33.36 1.45 0.00 N | 33.56 1.59 0.00 N | 34.40 1.56 0.00 N | 39.13 1.55 0.00 N | 54.66 2.48 -1.61 N | 54.31 1.34 -17.59 N | 49.89 1.53 -5.04 N | 50.78 1.62 -7.96 N | 52.67 2.01 -0.12 N | 52.43 1.68 -2.32 N | 60.98 3.39 -2.93 N | 60.81 3.34 -0.82 N | 52.23 1.52 0.00 N | 51.42 1.50 0.00 N | 52.76 1.52 0.00 N | 60.48 3.21 -4.58 N | 48.83 3.25 5.28 N | 51.31 2.92 1.09 N | 46.48 1.55 -2.43 N | 49.18 1.48 -6.92 N | 48.77 1.60 -2.11 N | 45.69 1.77 0.00 N |
| NARROWS_GT1_1 24228 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_2 24229 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_3 24230 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_4 24231 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |

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| NARROWS_GT1_5 24232 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_6 24233 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_7 24234 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_8 24235 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT1_GRP 23726 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_1 24236 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_2 24237 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_3 24238 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_4 24239 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_5 24240 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_6 24241 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_7 24242 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NARROWS_GT2_8 24243 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |

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| NARROWS_GT2_GRP 23741 | 124.74 2.98 -87.00 N | 79.83 3.11 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.66 4.76 -8.59 N | 55.25 4.49 -9.57 N | 56.16 5.29 -0.33 N | 55.65 5.04 -2.19 N | 55.67 5.25 0.00 N | 57.77 5.54 0.00 N | 56.05 5.24 -0.10 N | 60.02 5.19 -4.92 N | 68.66 5.42 -12.00 N | 63.54 5.14 -9.00 N | 54.24 4.25 -5.77 N | 55.26 3.72 -7.39 N | 65.53 3.70 -19.33 N | 49.95 3.24 -5.94 N | 50.96 3.72 -2.17 N | 46.84 2.92 0.00 N |
| NEG CAPITAL___MECHNVIL 23645 | 37.64 2.88 0.00 N | 39.22 3.09 0.00 N | 35.02 3.11 0.00 N | 35.33 3.37 0.00 N | 36.17 3.33 0.00 N | 40.97 3.39 0.00 N | 41.86 3.33 0.00 N | 57.05 2.71 -18.97 N | 51.94 3.19 -5.43 N | 53.16 3.38 -8.58 N | 54.90 4.23 -0.13 N | 54.57 3.64 -2.50 N | 53.88 3.46 0.00 N | 55.47 3.24 0.00 N | 54.25 3.54 0.00 N | 53.43 3.51 0.00 N | 54.79 3.54 0.00 N | 53.96 3.38 -1.18 N | 54.81 3.19 -7.41 N | 50.32 3.47 -2.71 N | 48.68 3.56 -2.62 N | 51.67 3.43 -7.47 N | 51.02 3.67 -2.29 N | 47.97 4.05 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 29.24 -5.51 0.00 N | 29.89 -6.24 0.00 N | 26.16 -5.75 0.00 N | 26.11 -5.85 0.00 N | 26.98 -5.86 0.00 N | 30.76 -6.82 0.00 N | 31.37 -7.15 0.00 N | 30.67 -6.41 -1.70 N | 36.23 -7.57 -0.49 N | 34.23 -7.52 -0.56 N | 40.45 -8.54 1.54 N | 41.47 -7.09 -0.14 N | 42.20 -8.22 0.00 N | 43.99 -8.24 0.00 N | 42.68 -8.03 0.00 N | 42.29 -7.63 0.00 N | 42.77 -8.48 0.00 N | 41.38 -8.13 -0.11 N | 38.04 -6.84 -0.66 N | 37.84 -6.55 -0.24 N | 36.08 -6.66 -0.23 N | 35.22 -6.22 -0.67 N | 38.08 -7.18 -0.20 N | 36.96 -6.95 0.00 N |
| NEG CENTRAL___DRP 24199 | 36.00 1.24 0.00 N | 37.66 1.52 0.00 N | 33.17 1.26 0.00 N | 33.28 1.32 0.00 N | 34.01 1.17 0.00 N | 38.87 1.30 0.00 N | 40.13 1.61 0.00 N | 38.85 1.64 -1.83 N | 46.08 2.24 -0.52 N | 44.55 2.41 -0.96 N | 53.40 2.75 -0.12 N | 50.91 2.24 -0.24 N | 52.85 2.43 0.00 N | 54.72 2.49 0.00 N | 53.08 2.37 0.00 N | 52.28 2.37 0.00 N | 53.90 2.66 0.00 N | 51.94 2.43 -0.11 N | 46.98 2.05 -0.72 N | 46.35 1.95 -0.26 N | 44.71 1.96 -0.25 N | 43.30 1.81 -0.72 N | 47.16 1.87 -0.23 N | 45.64 1.72 0.00 N |
| NEG CENTRAL___INDECK 23768 | 33.22 -1.54 0.00 N | 34.42 -1.72 0.00 N | 30.28 -1.63 0.00 N | 30.22 -1.74 0.00 N | 31.07 -1.78 0.00 N | 35.78 -1.80 0.00 N | 36.61 -1.91 0.00 N | 36.24 -1.65 -2.51 N | 42.18 -1.86 -0.72 N | 41.76 -1.94 -2.51 N | 48.88 -2.54 -0.88 N | 46.58 -2.18 -0.34 N | 48.65 -1.77 0.00 N | 50.69 -1.54 0.00 N | 49.03 -1.68 0.00 N | 48.00 -1.92 0.00 N | 49.18 -2.07 0.00 N | 47.55 -2.01 -0.16 N | 43.57 -1.63 -0.98 N | 42.99 -1.51 -0.36 N | 41.07 -1.78 -0.35 N | 40.05 -1.71 -0.99 N | 43.55 -1.81 -0.30 N | 41.86 -2.06 0.00 N |
| NEG CENTRAL___SENECA 23627 | 34.76 0.00 0.00 N | 36.13 0.00 0.00 N | 31.91 0.00 0.00 N | 31.96 0.00 0.00 N | 32.85 0.00 0.00 N | 37.58 0.00 0.00 N | 38.53 0.00 0.00 N | 35.38 0.00 0.00 N | 43.31 0.00 0.00 N | 41.19 0.00 0.00 N | 50.54 0.00 0.00 N | 48.43 0.00 0.00 N | 50.42 0.00 0.00 N | 52.23 0.00 0.00 N | 50.71 0.00 0.00 N | 49.92 0.00 0.00 N | 51.24 0.00 0.00 N | 49.40 0.00 0.00 N | 44.21 0.00 0.00 N | 44.14 0.00 0.00 N | 42.50 0.00 0.00 N | 40.77 0.00 0.00 N | 45.06 0.00 0.00 N | 43.92 0.00 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 32.43 -2.32 0.00 N | 33.32 -2.81 0.00 N | 29.18 -2.73 0.00 N | 29.12 -2.84 0.00 N | 30.05 -2.79 0.00 N | 34.28 -3.29 0.00 N | 35.29 -3.23 0.00 N | 34.49 -2.66 -1.76 N | 40.90 -2.92 -0.50 N | 39.23 -2.79 -0.83 N | 47.78 -2.82 -0.06 N | 46.56 -2.10 -0.23 N | 47.44 -2.98 0.00 N | 49.23 -3.00 0.00 N | 47.77 -2.94 0.00 N | 47.25 -2.67 0.00 N | 48.02 -3.22 0.00 N | 46.39 -3.12 -0.11 N | 42.27 -2.63 -0.69 N | 41.81 -2.58 -0.25 N | 40.19 -2.56 -0.24 N | 39.18 -2.29 -0.69 N | 42.27 -2.99 -0.20 N | 41.02 -2.90 0.00 N |
| NEG MILLWOOD___DRP 24198 | 36.43 1.68 0.00 N | 37.84 1.71 0.00 N | 33.10 1.19 0.00 N | 33.04 1.07 0.00 N | 33.99 1.15 0.00 N | 39.11 1.53 0.00 N | 40.49 1.96 0.00 N | 52.78 2.29 -15.11 N | 50.40 2.76 -4.33 N | 50.65 2.60 -6.85 N | 53.78 3.14 -0.11 N | 53.55 3.13 -1.99 N | 53.79 3.37 0.00 N | 55.73 3.51 0.00 N | 54.01 3.30 0.00 N | 53.19 3.27 0.00 N | 54.64 3.39 0.00 N | 53.59 3.25 -0.94 N | 52.73 2.62 -5.90 N | 48.55 2.24 -2.16 N | 46.82 2.23 -2.08 N | 48.86 2.14 -5.95 N | 49.27 2.38 -1.83 N | 45.79 1.87 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 35.68 0.92 0.00 N | 36.97 0.83 0.00 N | 32.47 0.56 0.00 N | 32.36 0.40 0.00 N | 33.27 0.42 0.00 N | 38.26 0.68 0.00 N | 39.52 1.00 0.00 N | 36.51 1.32 0.19 N | 45.16 1.90 0.05 N | 43.04 1.93 0.08 N | 52.99 2.45 0.00 N | 50.82 2.42 0.03 N | 52.98 2.56 0.00 N | 54.90 2.67 0.00 N | 53.14 2.43 0.00 N | 52.26 2.34 0.00 N | 53.65 2.41 0.00 N | 51.62 2.23 0.01 N | 45.97 1.83 0.07 N | 45.74 1.63 0.03 N | 44.06 1.58 0.03 N | 42.35 1.65 0.07 N | 46.61 1.58 0.03 N | 45.04 1.12 0.00 N |
| NEG NORTH_KES_CHATEGAY 23792 | 34.60 -0.16 0.00 N | 35.86 -0.27 0.00 N | 31.70 -0.21 0.00 N | 31.82 -0.14 0.00 N | 32.70 -0.15 0.00 N | 37.48 -0.10 0.00 N | 38.32 -0.20 0.00 N | 34.49 -0.71 0.18 N | 42.39 -0.87 0.05 N | 40.34 -0.77 0.08 N | 49.60 -0.94 0.00 N | 47.44 -0.96 0.02 N | 49.31 -1.11 0.00 N | 51.11 -1.12 0.00 N | 49.72 -0.99 0.00 N | 48.99 -0.93 0.00 N | 50.27 -0.98 0.00 N | 48.41 -0.98 0.01 N | 43.32 -0.82 0.07 N | 43.50 -0.61 0.03 N | 41.91 -0.57 0.02 N | 40.16 -0.54 0.07 N | 44.48 -0.55 0.03 N | 43.81 -0.11 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 34.84 0.08 0.00 N | 36.13 -0.01 0.00 N | 31.97 0.06 0.00 N | 32.14 0.18 0.00 N | 33.02 0.18 0.00 N | 37.87 0.29 0.00 N | 38.68 0.16 0.00 N | 34.61 -0.59 0.19 N | 42.52 -0.74 0.05 N | 40.54 -0.57 0.08 N | 49.81 -0.73 0.00 N | 47.53 -0.87 0.02 N | 49.33 -1.09 0.00 N | 51.11 -1.11 0.00 N | 49.75 -0.96 0.00 N | 49.03 -0.89 0.00 N | 50.32 -0.93 0.00 N | 48.40 -0.98 0.01 N | 43.33 -0.81 0.07 N | 43.55 -0.56 0.03 N | 42.01 -0.47 0.03 N | 40.27 -0.43 0.07 N | 44.54 -0.49 0.03 N | 44.13 0.22 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 34.84 0.08 0.00 N | 36.13 -0.01 0.00 N | 31.97 0.06 0.00 N | 32.14 0.18 0.00 N | 33.02 0.18 0.00 N | 37.87 0.29 0.00 N | 38.68 0.16 0.00 N | 34.61 -0.59 0.19 N | 42.52 -0.74 0.05 N | 40.54 -0.57 0.08 N | 49.81 -0.73 0.00 N | 47.53 -0.87 0.02 N | 49.33 -1.09 0.00 N | 51.11 -1.11 0.00 N | 49.75 -0.96 0.00 N | 49.03 -0.89 0.00 N | 50.32 -0.93 0.00 N | 48.40 -0.98 0.01 N | 43.33 -0.81 0.07 N | 43.55 -0.56 0.03 N | 42.01 -0.47 0.03 N | 40.27 -0.43 0.07 N | 44.54 -0.49 0.03 N | 44.13 0.22 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 34.44 -0.32 0.00 N | 35.69 -0.44 0.00 N | 31.55 -0.36 0.00 N | 31.70 -0.26 0.00 N | 32.57 -0.28 0.00 N | 37.37 -0.20 0.00 N | 38.25 -0.28 0.00 N | 34.25 -0.94 0.19 N | 42.08 -1.18 0.05 N | 40.12 -0.99 0.08 N | 49.29 -1.25 0.00 N | 47.07 -1.34 0.02 N | 48.88 -1.54 0.00 N | 50.64 -1.59 0.00 N | 49.28 -1.43 0.00 N | 48.57 -1.35 0.00 N | 49.85 -1.40 0.00 N | 47.97 -1.41 0.01 N | 42.94 -1.20 0.07 N | 43.14 -0.98 0.03 N | 41.61 -0.87 0.03 N | 39.88 -0.82 0.07 N | 44.11 -0.92 0.03 N | 43.62 -0.30 0.00 N |

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| NEG WEST_LEA_LOCKPORT 23791 | 31.14 -3.62 0.00 N | 32.25 -3.89 0.00 N | 28.44 -3.47 0.00 N | 28.36 -3.60 0.00 N | 29.15 -3.70 0.00 N | 33.60 -3.98 0.00 N | 34.13 -4.40 0.00 N | 33.37 -4.20 -2.19 N | 38.70 -5.24 -0.63 N | 35.92 -5.36 -0.09 N | 41.94 -6.79 1.81 N | 42.53 -6.11 -0.21 N | 44.44 -5.98 0.00 N | 46.26 -5.97 0.00 N | 44.75 -5.96 0.00 N | 43.92 -6.00 0.00 N | 45.06 -6.19 0.00 N | 43.63 -5.90 -0.14 N | 40.15 -4.92 -0.86 N | 39.88 -4.58 -0.31 N | 37.94 -4.86 -0.30 N | 36.91 -4.72 -0.86 N | 40.39 -4.93 -0.26 N | 39.04 -4.88 0.00 N |
| NEG WEST___LANCASTR 23811 | 31.26 -3.50 0.00 N | 32.46 -3.67 0.00 N | 28.46 -3.45 0.00 N | 28.38 -3.58 0.00 N | 29.22 -3.62 0.00 N | 33.80 -3.78 0.00 N | 34.58 -3.94 0.00 N | 34.53 -3.43 -2.58 N | 39.87 -4.18 -0.74 N | 37.16 -4.29 -0.26 N | 43.44 -5.46 1.63 N | 43.91 -4.79 -0.27 N | 45.99 -4.44 0.00 N | 47.92 -4.31 0.00 N | 46.30 -4.41 0.00 N | 45.43 -4.49 0.00 N | 46.75 -4.50 0.00 N | 45.24 -4.32 -0.16 N | 41.37 -3.85 -1.01 N | 40.58 -3.93 -0.37 N | 38.71 -4.15 -0.36 N | 37.80 -3.99 -1.02 N | 41.09 -4.27 -0.30 N | 39.32 -4.59 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 34.88 0.12 0.00 N | 36.34 0.20 0.00 N | 31.94 0.03 0.00 N | 31.86 -0.10 0.00 N | 32.76 -0.09 0.00 N | 37.72 0.15 0.00 N | 38.84 0.31 0.00 N | 40.81 0.61 -4.82 N | 45.50 0.81 -1.38 N | 44.40 0.74 -2.46 N | 51.33 0.73 -0.06 N | 49.78 0.72 -0.63 N | 51.58 1.16 0.00 N | 53.53 1.30 0.00 N | 51.81 1.10 0.00 N | 50.91 1.00 0.00 N | 52.48 1.24 0.00 N | 50.94 1.24 -0.30 N | 47.01 0.91 -1.88 N | 45.47 0.64 -0.69 N | 43.77 0.60 -0.66 N | 43.25 0.58 -1.90 N | 46.29 0.65 -0.59 N | 44.08 0.16 0.00 N |
| NEG___GEN_MONROE 24207 | 34.70 -0.06 0.00 N | 35.98 -0.15 0.00 N | 31.74 -0.17 0.00 N | 31.77 -0.19 0.00 N | 32.67 -0.17 0.00 N | 37.39 -0.18 0.00 N | 38.25 -0.28 0.00 N | 37.12 -0.11 -1.85 N | 43.88 0.04 -0.53 N | 41.69 0.01 -0.48 N | 49.00 0.04 1.57 N | 48.46 -0.13 -0.16 N | 50.40 -0.02 0.00 N | 52.27 0.04 0.00 N | 50.71 0.00 0.00 N | 49.82 -0.09 0.00 N | 51.15 -0.09 0.00 N | 49.35 -0.16 -0.12 N | 44.78 -0.15 -0.72 N | 44.36 -0.05 -0.26 N | 42.73 -0.03 -0.25 N | 41.38 -0.12 -0.73 N | 45.10 -0.19 -0.23 N | 43.62 -0.30 0.00 N |
| NEPA___ENERGY 23901 | 31.25 -3.51 0.00 N | 32.68 -3.46 0.00 N | 28.40 -3.51 0.00 N | 28.29 -3.68 0.00 N | 29.22 -3.63 0.00 N | 33.85 -3.73 0.00 N | 34.97 -3.55 0.00 N | 35.42 -2.80 -2.84 N | 40.73 -3.40 -0.81 N | 38.29 -3.51 -0.61 N | 44.98 -4.22 1.34 N | 45.49 -3.25 -0.32 N | 47.52 -2.90 0.00 N | 49.50 -2.73 0.00 N | 47.86 -2.85 0.00 N | 47.03 -2.89 0.00 N | 48.32 -2.92 0.00 N | 46.71 -2.86 -0.18 N | 42.36 -2.96 -1.11 N | 41.08 -3.47 -0.41 N | 39.25 -3.64 -0.39 N | 38.55 -3.33 -1.12 N | 41.64 -3.75 -0.33 N | 39.51 -4.40 0.00 N |
| NEVERSINK___HYD 23608 | 34.00 -0.76 0.00 N | 35.22 -0.91 0.00 N | 30.94 -0.97 0.00 N | 30.87 -1.09 0.00 N | 31.83 -1.02 0.00 N | 36.32 -1.26 0.00 N | 37.17 -1.36 0.00 N | 47.07 -1.07 -12.76 N | 45.98 -0.98 -3.66 N | 46.21 -0.78 -5.80 N | 48.20 -2.43 -0.09 N | 47.86 -2.25 -1.68 N | 48.19 -2.23 0.00 N | 50.02 -2.21 0.00 N | 48.59 -2.12 0.00 N | 47.93 -1.99 0.00 N | 49.16 -2.08 0.00 N | 48.30 -1.90 -0.80 N | 47.53 -1.66 -4.98 N | 44.03 -1.93 -1.82 N | 42.30 -1.96 -1.76 N | 43.84 -1.96 -5.02 N | 45.86 -0.74 -1.54 N | 43.05 -0.87 0.00 N |
| NIAGARA____ 23760 | 31.24 -3.52 0.00 N | 32.33 -3.80 0.00 N | 28.52 -3.39 0.00 N | 28.45 -3.51 0.00 N | 29.22 -3.62 0.00 N | 33.61 -3.97 0.00 N | 34.15 -4.37 0.00 N | 33.34 -4.22 -2.18 N | 38.59 -5.35 -0.63 N | 35.81 -5.51 -0.13 N | 41.81 -6.95 1.77 N | 42.46 -6.18 -0.21 N | 44.15 -6.27 0.00 N | 45.96 -6.27 0.00 N | 44.50 -6.21 0.00 N | 43.79 -6.13 0.00 N | 44.86 -6.38 0.00 N | 43.45 -6.09 -0.14 N | 40.02 -5.05 -0.85 N | 39.73 -4.72 -0.31 N | 37.87 -4.93 -0.30 N | 36.87 -4.77 -0.86 N | 40.36 -4.96 -0.26 N | 39.10 -4.82 0.00 N |
| NINE_MILE_1 23575 | 33.48 -1.28 0.00 N | 34.82 -1.31 0.00 N | 30.75 -1.16 0.00 N | 30.79 -1.18 0.00 N | 31.64 -1.21 0.00 N | 36.22 -1.36 0.00 N | 37.09 -1.43 0.00 N | 35.00 -1.30 -0.92 N | 42.00 -1.58 -0.26 N | 40.04 -1.53 -0.38 N | 48.65 -1.89 0.00 N | 46.79 -1.76 -0.12 N | 48.62 -1.80 0.00 N | 50.39 -1.84 0.00 N | 48.89 -1.82 0.00 N | 48.11 -1.81 0.00 N | 49.39 -1.85 0.00 N | 47.66 -1.80 -0.06 N | 42.98 -1.59 -0.13 N | 42.69 -1.59 -0.13 N | 41.06 -1.57 -0.13 N | 39.64 -1.49 -0.36 N | 43.50 -1.66 -0.10 N | 42.28 -1.64 0.00 N |
| NINE_MILE_2 23744 | 33.42 -1.34 0.00 N | 34.75 -1.38 0.00 N | 30.69 -1.22 0.00 N | 30.72 -1.24 0.00 N | 31.58 -1.27 0.00 N | 36.15 -1.43 0.00 N | 37.02 -1.51 0.00 N | 34.93 -1.37 -0.91 N | 41.92 -1.65 -0.26 N | 39.96 -1.61 -0.38 N | 48.56 -1.98 0.00 N | 46.70 -1.85 -0.12 N | 48.53 -1.89 0.00 N | 50.29 -1.93 0.00 N | 48.80 -1.91 0.00 N | 48.02 -1.90 0.00 N | 49.30 -1.95 0.00 N | 47.56 -1.89 -0.06 N | 42.89 -1.67 -0.36 N | 42.60 -1.67 -0.13 N | 40.98 -1.64 -0.13 N | 39.56 -1.57 -0.36 N | 43.41 -1.75 -0.10 N | 42.20 -1.72 0.00 N |
| NM_CAPITAL___DRP 24208 | 37.53 2.78 0.00 N | 39.10 2.96 0.00 N | 34.92 3.01 0.00 N | 35.18 3.22 0.00 N | 36.05 3.20 0.00 N | 40.88 3.31 0.00 N | 41.71 3.19 0.00 N | 56.75 2.48 -18.90 N | 51.69 2.96 -5.41 N | 52.82 3.07 -8.55 N | 54.53 3.86 -0.13 N | 54.15 3.23 -2.49 N | 53.44 3.02 0.00 N | 55.02 2.80 0.00 N | 53.66 2.95 0.00 N | 52.88 2.96 0.00 N | 54.22 2.97 0.00 N | 53.48 2.90 -1.18 N | 54.35 2.76 -7.38 N | 49.91 3.07 -2.70 N | 48.29 3.18 -2.61 N | 51.25 3.04 -7.44 N | 50.58 3.26 -2.26 N | 47.57 3.65 0.00 N |
| NM_CENTRAL___DRP 24181 | 34.17 -0.59 0.00 N | 35.56 -0.57 0.00 N | 31.45 -0.46 0.00 N | 31.52 -0.44 0.00 N | 32.40 -0.45 0.00 N | 37.07 -0.51 0.00 N | 37.86 -0.67 0.00 N | 35.69 -0.69 -1.00 N | 42.78 -0.82 -0.29 N | 40.85 -0.79 -0.45 N | 49.60 -0.96 -0.02 N | 47.62 -0.94 -0.13 N | 49.43 -0.99 0.00 N | 51.23 -0.99 0.00 N | 49.71 -1.00 0.00 N | 48.92 -1.00 0.00 N | 50.23 -1.02 0.00 N | 48.41 -1.05 -0.06 N | 43.69 -0.91 -0.39 N | 43.41 -0.88 -0.14 N | 41.76 -0.88 -0.14 N | 40.33 -0.84 -0.40 N | 44.22 -0.97 -0.13 N | 43.15 -0.77 0.00 N |
| NM_FRONTIER___DRP 24179 | 31.39 -3.37 0.00 N | 32.47 -3.66 0.00 N | 28.63 -3.28 0.00 N | 28.56 -3.40 0.00 N | 29.34 -3.50 0.00 N | 33.75 -3.83 0.00 N | 34.31 -4.22 0.00 N | 33.52 -4.07 -2.21 N | 38.81 -5.14 -0.63 N | 36.00 -5.30 -0.11 N | 42.07 -6.68 1.78 N | 42.72 -5.92 -0.22 N | 44.42 -6.00 0.00 N | 46.24 -5.99 0.00 N | 44.76 -5.95 0.00 N | 44.04 -5.88 0.00 N | 45.11 -6.13 0.00 N | 43.69 -5.85 -0.14 N | 40.23 -4.85 -0.86 N | 39.93 -4.53 -0.32 N | 38.06 -4.75 -0.30 N | 37.07 -4.58 -0.87 N | 40.57 -4.76 -0.26 N | 39.29 -4.62 0.00 N |
| NM_ST_REGIS___HYD 24053 | 34.76 0.00 0.00 N | 36.13 0.00 0.00 N | 31.91 0.00 0.00 N | 31.96 0.00 0.00 N | 32.85 0.00 0.00 N | 37.58 0.00 0.00 N | 38.53 0.00 0.00 N | 35.38 0.00 0.00 N | 43.31 0.00 0.00 N | 41.19 0.00 0.00 N | 50.54 0.00 0.00 N | 48.43 0.00 0.00 N | 50.42 0.00 0.00 N | 52.23 0.00 0.00 N | 50.71 0.00 0.00 N | 49.92 0.00 0.00 N | 51.24 0.00 0.00 N | 49.40 0.00 0.00 N | 44.21 0.00 0.00 N | 44.14 0.00 0.00 N | 42.50 0.00 0.00 N | 40.77 0.00 0.00 N | 45.06 0.00 0.00 N | 43.92 0.00 0.00 N |

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| NORTHPORT___1 23551 | 48.04 2.26 -11.02 N | 122.26 2.70 -83.43 N | 70.49 1.85 -36.72 N | 40.73 1.64 -7.13 N | 60.61 1.86 -25.91 N | 60.56 2.39 -20.60 N | 60.87 2.84 -19.51 N | 60.12 2.88 -21.86 N | 62.34 3.24 -15.78 N | 77.70 2.99 -33.52 N | 75.34 3.26 -21.54 N | 72.23 3.62 -20.18 N | 75.28 3.95 -20.91 N | 66.01 3.40 -10.38 N | 78.83 3.62 -24.49 N | 81.88 3.87 -28.08 N | 63.12 3.70 -8.17 N | 58.37 3.39 -5.58 N | 58.88 2.77 -11.89 N | 57.20 2.37 -10.68 N | 57.63 2.56 -12.57 N | 57.91 2.38 -14.76 N | 60.90 2.56 -13.27 N | 55.78 2.71 -9.16 N |
| NORTHPORT___2 23552 | 48.02 2.24 -11.02 N | 122.24 2.67 -83.43 N | 70.47 1.84 -36.72 N | 40.72 1.62 -7.13 N | 60.61 1.85 -25.91 N | 60.55 2.38 -20.60 N | 60.86 2.83 -19.51 N | 60.10 2.86 -21.86 N | 62.32 3.23 -15.78 N | 77.69 2.98 -33.52 N | 75.32 3.25 -21.54 N | 72.19 3.58 -20.18 N | 75.24 3.91 -20.91 N | 65.97 3.36 -10.38 N | 78.79 3.59 -24.49 N | 81.84 3.84 -28.08 N | 63.08 3.67 -8.17 N | 58.35 3.37 -5.58 N | 58.85 2.75 -11.89 N | 57.17 2.35 -10.68 N | 57.61 2.53 -12.57 N | 57.89 2.36 -14.76 N | 60.88 2.55 -13.27 N | 55.76 2.69 -9.16 N |
| NORTHPORT___3 23553 | 47.89 2.12 -11.02 N | 121.92 2.35 -83.43 N | 70.15 1.52 -36.72 N | 40.45 1.35 -7.13 N | 60.36 1.61 -25.91 N | 60.37 2.19 -20.60 N | 60.70 2.67 -19.51 N | 60.02 2.78 -21.86 N | 62.16 3.06 -15.78 N | 77.50 2.78 -33.52 N | 75.21 3.13 -21.54 N | 72.01 3.40 -20.18 N | 75.07 3.74 -20.91 N | 66.29 3.69 -10.38 N | 79.10 3.90 -24.49 N | 81.98 3.98 -28.08 N | 63.28 3.86 -8.17 N | 58.54 3.56 -5.58 N | 58.96 2.90 -11.85 N | 57.31 2.52 -10.65 N | 57.66 2.62 -12.54 N | 57.90 2.39 -14.74 N | 60.89 2.56 -13.27 N | 55.62 2.55 -9.16 N |
| NORTHPORT___4 23650 | 47.88 2.10 -11.02 N | 121.92 2.35 -83.43 N | 70.18 1.55 -36.72 N | 40.47 1.37 -7.13 N | 60.39 1.63 -25.91 N | 60.40 2.23 -20.60 N | 60.74 2.71 -19.51 N | 60.05 2.81 -21.86 N | 62.17 3.07 -15.78 N | 77.48 2.76 -33.52 N | 75.19 3.11 -21.54 N | 71.99 3.39 -20.18 N | 75.06 3.73 -20.91 N | 66.25 3.64 -10.38 N | 79.06 3.85 -24.49 N | 82.05 4.05 -28.08 N | 63.33 3.91 -8.17 N | 58.55 3.57 -5.58 N | 58.97 2.91 -11.85 N | 57.33 2.54 -10.65 N | 57.67 2.63 -12.54 N | 57.91 2.39 -14.74 N | 60.89 2.56 -13.27 N | 55.65 2.57 -9.16 N |
| NORTHPORT___IC 23718 | 47.88 2.10 -11.02 N | 121.92 2.35 -83.43 N | 70.18 1.55 -36.72 N | 40.47 1.37 -7.13 N | 60.39 1.63 -25.91 N | 60.40 2.23 -20.60 N | 60.74 2.71 -19.51 N | 60.05 2.81 -21.86 N | 62.17 3.07 -15.78 N | 77.48 2.76 -33.52 N | 75.19 3.11 -21.54 N | 71.99 3.39 -20.18 N | 75.06 3.73 -20.91 N | 66.25 3.64 -10.38 N | 79.06 3.85 -24.49 N | 82.05 4.05 -28.08 N | 63.33 3.91 -8.17 N | 58.55 3.57 -5.58 N | 59.01 2.91 -11.89 N | 57.36 2.54 -10.68 N | 57.71 2.63 -12.57 N | 57.93 2.39 -14.76 N | 60.89 2.56 -13.27 N | 55.65 2.57 -9.16 N |
| NSINS_S_GLNS_FALLS 23858 | 38.35 3.59 0.00 N | 39.74 3.61 0.00 N | 35.43 3.52 0.00 N | 35.85 3.89 0.00 N | 36.66 3.82 0.00 N | 41.41 3.83 0.00 N | 42.54 4.01 0.00 N | 58.29 3.59 -19.33 N | 53.12 4.27 -5.54 N | 54.45 4.51 -8.75 N | 56.32 5.65 -0.13 N | 56.02 5.04 -2.55 N | 55.35 4.92 0.00 N | 56.90 4.67 0.00 N | 55.43 4.72 0.00 N | 54.52 4.61 0.00 N | 55.98 4.74 0.00 N | 54.88 4.28 -1.20 N | 55.77 4.01 -7.55 N | 51.07 4.16 -2.76 N | 49.29 4.12 -2.66 N | 52.43 4.05 -7.61 N | 51.65 4.26 -2.32 N | 48.78 4.86 0.00 N |
| NUCOR_STEEL___DRP 24197 | 32.43 -2.32 0.00 N | 33.32 -2.81 0.00 N | 29.18 -2.73 0.00 N | 29.12 -2.84 0.00 N | 30.05 -2.79 0.00 N | 34.28 -3.29 0.00 N | 35.29 -3.23 0.00 N | 34.49 -2.66 -1.76 N | 40.90 -2.92 -0.50 N | 39.23 -2.79 -0.83 N | 47.78 -2.82 -0.06 N | 46.56 -2.10 -0.23 N | 47.44 -2.98 0.00 N | 49.23 -3.00 0.00 N | 47.77 -2.94 0.00 N | 47.25 -2.67 0.00 N | 48.02 -3.22 0.00 N | 46.39 -3.12 -0.11 N | 42.27 -2.63 -0.69 N | 41.81 -2.58 -0.25 N | 40.19 -2.56 -0.24 N | 39.18 -2.29 -0.69 N | 42.27 -2.99 -0.20 N | 41.02 -2.90 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 34.76 0.00 0.00 N | 36.13 0.00 0.00 N | 31.91 0.00 0.00 N | 31.96 0.00 0.00 N | 32.85 0.00 0.00 N | 37.58 0.00 0.00 N | 38.53 0.00 0.00 N | 35.38 0.00 0.00 N | 43.31 0.00 0.00 N | 41.19 0.00 0.00 N | 50.54 0.00 0.00 N | 48.43 0.00 0.00 N | 50.42 0.00 0.00 N | 52.23 0.00 0.00 N | 50.71 0.00 0.00 N | 49.92 0.00 0.00 N | 51.24 0.00 0.00 N | 49.40 0.00 0.00 N | 44.21 0.00 0.00 N | 44.14 0.00 0.00 N | 42.50 0.00 0.00 N | 40.77 0.00 0.00 N | 45.06 0.00 0.00 N | 43.92 0.00 0.00 N |
| NYPA_BRENTWD____GT 24164 | 48.32 2.54 -11.02 N | 122.53 2.96 -83.43 N | 70.69 2.06 -36.72 N | 40.94 1.84 -7.13 N | 60.81 2.06 -25.91 N | 60.78 2.60 -20.60 N | 61.09 3.06 -19.51 N | 60.38 3.14 -21.86 N | 62.74 3.65 -15.78 N | 78.12 3.41 -33.52 N | 75.81 3.73 -21.54 N | 72.66 4.05 -20.18 N | 75.69 4.36 -20.91 N | 66.47 3.86 -10.38 N | 79.22 4.02 -24.49 N | 82.21 4.20 -28.08 N | 63.50 4.08 -8.17 N | 58.76 3.78 -5.58 N | 59.63 3.11 -12.30 N | 57.80 2.69 -10.97 N | 58.30 2.87 -12.93 N | 58.46 2.70 -14.99 N | 61.26 2.93 -13.27 N | 56.07 2.99 -9.16 N |
| NYPA_GOWANUS____GT5 24156 | 37.84 3.08 0.00 N | 39.25 3.12 0.00 N | 34.12 2.21 0.00 N | 34.02 2.06 0.00 N | 35.07 2.22 0.00 N | 40.50 2.93 0.00 N | 42.07 3.54 0.00 N | 54.05 3.89 -14.78 N | 52.34 4.80 -4.23 N | 52.43 4.53 -6.71 N | 56.13 5.49 -0.10 N | 55.64 5.27 -1.95 N | 55.96 5.54 0.00 N | 58.02 5.79 0.00 N | 56.15 5.44 0.00 N | 55.29 5.37 0.00 N | 56.80 5.56 0.00 N | 55.59 5.27 -0.92 N | 54.24 4.26 -5.77 N | 49.97 3.71 -2.11 N | 48.26 3.72 -2.04 N | 50.14 3.55 -5.82 N | 50.90 4.07 -1.77 N | 47.27 3.36 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 37.84 3.08 0.00 N | 39.25 3.12 0.00 N | 34.12 2.21 0.00 N | 34.02 2.06 0.00 N | 35.07 2.22 0.00 N | 40.50 2.93 0.00 N | 42.07 3.54 0.00 N | 54.05 3.89 -14.78 N | 52.34 4.80 -4.23 N | 52.43 4.53 -6.71 N | 56.13 5.49 -0.10 N | 55.64 5.27 -1.95 N | 55.96 5.54 0.00 N | 58.02 5.79 0.00 N | 56.15 5.44 0.00 N | 55.29 5.37 0.00 N | 56.80 5.56 0.00 N | 55.59 5.27 -0.92 N | 54.24 4.26 -5.77 N | 49.97 3.71 -2.11 N | 48.26 3.72 -2.04 N | 50.14 3.55 -5.82 N | 50.90 4.07 -1.77 N | 47.27 3.36 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 134.45 3.58 -96.11 N | 74.31 3.67 -34.51 N | 73.47 2.70 -38.86 N | 73.21 2.52 -38.72 N | 73.17 2.71 -37.61 N | 76.99 3.50 -35.91 N | 79.58 4.22 -36.83 N | 66.25 4.41 -26.46 N | 91.50 5.56 -42.62 N | 82.47 5.16 -36.12 N | 94.73 6.46 -37.74 N | 103.37 6.25 -48.69 N | 100.91 6.60 -43.89 N | 120.34 6.94 -61.18 N | 83.64 6.41 -26.52 N | 61.22 6.19 -5.11 N | 69.62 6.38 -12.00 N | 64.45 6.05 -9.00 N | 54.84 4.86 -5.77 N | 55.83 4.29 -7.39 N | 94.19 4.30 -47.38 N | 90.87 4.21 -45.88 N | 101.75 4.71 -51.98 N | 55.97 4.04 -8.01 N |
| NYPA_HARLEM__RVR__GT2 24161 | 134.45 3.58 -96.11 N | 74.31 3.67 -34.51 N | 73.47 2.70 -38.86 N | 73.21 2.52 -38.72 N | 73.17 2.71 -37.61 N | 76.99 3.50 -35.91 N | 79.58 4.22 -36.83 N | 66.25 4.41 -26.46 N | 91.50 5.56 -42.62 N | 82.47 5.16 -36.12 N | 94.73 6.46 -37.74 N | 103.37 6.25 -48.69 N | 100.91 6.60 -43.89 N | 120.34 6.94 -61.18 N | 83.64 6.41 -26.52 N | 61.22 6.19 -5.11 N | 69.62 6.38 -12.00 N | 64.45 6.05 -9.00 N | 54.84 4.86 -5.77 N | 55.83 4.29 -7.39 N | 94.19 4.30 -47.38 N | 90.87 4.21 -45.88 N | 101.75 4.71 -51.98 N | 55.97 4.04 -8.01 N |

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| NYPA_KENT____GT 24152 | 77.68 3.08 -39.84 N | 79.84 3.12 -40.59 N | 72.98 2.21 -38.86 N | 72.75 2.06 -38.72 N | 72.37 2.22 -37.30 N | 59.10 2.93 -18.60 N | 58.91 3.54 -16.84 N | 65.73 3.89 -26.46 N | 56.70 4.80 -8.59 N | 55.29 4.53 -9.57 N | 56.36 5.50 -0.33 N | 55.90 5.28 -2.19 N | 55.98 5.56 0.00 N | 58.04 5.81 0.00 N | 56.26 5.46 -0.10 N | 60.23 5.39 -4.92 N | 68.82 5.58 -12.00 N | 63.68 5.29 -9.00 N | 54.25 4.27 -5.77 N | 55.26 3.72 -7.39 N | 65.56 3.72 -19.33 N | 50.27 3.56 -5.94 N | 51.31 4.08 -2.17 N | 47.27 3.36 0.00 N |
| NYPA_POUCHI____GT 24155 | 123.85 2.93 -86.16 N | 73.58 2.94 -34.51 N | 72.81 2.04 -38.86 N | 72.57 1.88 -38.72 N | 72.18 2.03 -37.30 N | 58.88 2.70 -18.60 N | 58.68 3.31 -16.84 N | 65.52 3.68 -26.46 N | 56.38 4.48 -8.59 N | 55.00 4.24 -9.57 N | 56.02 5.16 -0.33 N | 55.63 5.01 -2.19 N | 55.73 5.31 0.00 N | 57.77 5.54 0.00 N | 56.00 5.19 -0.10 N | 59.98 5.14 -4.92 N | 68.55 5.31 -12.00 N | 63.44 5.05 -9.00 N | 54.03 4.04 -5.77 N | 55.07 3.54 -7.39 N | 65.37 3.54 -19.33 N | 50.13 3.41 -5.94 N | 51.13 3.89 -2.17 N | 47.12 3.20 0.00 N |
| NYPA_VERNON____GT2 24162 | 77.46 2.87 -39.84 N | 79.61 2.88 -40.59 N | 72.82 2.05 -38.86 N | 72.60 1.91 -38.72 N | 72.22 2.07 -37.30 N | 58.92 2.74 -18.60 N | 58.69 3.32 -16.84 N | 65.46 3.62 -26.46 N | 56.38 4.48 -8.59 N | 54.95 4.19 -9.57 N | 55.96 5.09 -0.33 N | 55.58 4.96 -2.19 N | 55.69 5.26 0.00 N | 57.72 5.49 0.00 N | 55.96 5.15 -0.10 N | 59.92 5.08 -4.92 N | 68.48 5.24 -12.00 N | 63.37 4.98 -9.00 N | 53.95 3.97 -5.77 N | 54.97 3.44 -7.39 N | 65.31 3.48 -19.33 N | 50.11 3.40 -5.94 N | 51.08 3.85 -2.17 N | 47.10 3.19 0.00 N |
| NYPA_VERNON____GT3 24163 | 77.46 2.87 -39.84 N | 79.61 2.88 -40.59 N | 72.82 2.05 -38.86 N | 72.60 1.91 -38.72 N | 72.22 2.07 -37.30 N | 58.92 2.74 -18.60 N | 58.69 3.32 -16.84 N | 65.46 3.62 -26.46 N | 56.38 4.48 -8.59 N | 54.95 4.19 -9.57 N | 55.96 5.09 -0.33 N | 55.58 4.96 -2.19 N | 55.69 5.26 0.00 N | 57.72 5.49 0.00 N | 55.96 5.15 -0.10 N | 59.92 5.08 -4.92 N | 68.48 5.24 -12.00 N | 63.37 4.98 -9.00 N | 53.95 3.97 -5.77 N | 54.97 3.44 -7.39 N | 65.31 3.48 -19.33 N | 50.11 3.40 -5.94 N | 51.08 3.85 -2.17 N | 47.10 3.19 0.00 N |
| NYPA____HOLTSVILL 23794 | 48.49 2.71 -11.02 N | 122.83 3.27 -83.43 N | 70.93 2.30 -36.72 N | 41.15 2.05 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.76 -20.60 N | 61.18 3.14 -19.51 N | 60.43 3.19 -21.86 N | 62.84 3.75 -15.78 N | 78.25 3.54 -33.52 N | 75.84 3.77 -21.54 N | 72.73 4.12 -20.18 N | 75.63 4.30 -20.91 N | 66.26 3.66 -10.38 N | 79.01 3.80 -24.49 N | 81.94 3.94 -28.08 N | 63.25 3.84 -8.17 N | 58.52 3.54 -5.58 N | 59.09 2.85 -12.02 N | 57.35 2.44 -10.77 N | 57.93 2.74 -12.69 N | 58.23 2.62 -14.83 N | 61.17 2.84 -13.27 N | 56.13 3.06 -9.16 N |
| NYPA____HELLGATE_GT1 24158 | 134.45 3.58 -96.11 N | 74.31 3.67 -34.51 N | 73.47 2.70 -38.86 N | 73.20 2.52 -38.72 N | 73.17 2.71 -37.61 N | 76.99 3.50 -35.91 N | 79.57 4.22 -36.83 N | 66.25 4.41 -26.46 N | 91.49 5.56 -42.62 N | 82.47 5.16 -36.12 N | 94.73 6.46 -37.74 N | 103.32 6.20 -48.69 N | 100.86 6.55 -43.89 N | 120.34 6.94 -61.18 N | 83.64 6.41 -26.52 N | 61.22 6.19 -5.11 N | 69.62 6.38 -12.00 N | 64.45 6.05 -9.00 N | 54.84 4.85 -5.77 N | 55.83 4.29 -7.39 N | 94.22 4.34 -47.38 N | 90.91 4.25 -45.88 N | 101.79 4.75 -51.98 N | 55.97 4.05 -8.01 N |
| NYPA____HELLGATE_GT2 24159 | 134.45 3.58 -96.11 N | 74.31 3.67 -34.51 N | 73.47 2.70 -38.86 N | 73.20 2.52 -38.72 N | 73.17 2.71 -37.61 N | 76.99 3.50 -35.91 N | 79.57 4.22 -36.83 N | 66.25 4.41 -26.46 N | 91.49 5.56 -42.62 N | 82.47 5.16 -36.12 N | 94.73 6.46 -37.74 N | 103.32 6.20 -48.69 N | 100.86 6.55 -43.89 N | 120.34 6.94 -61.18 N | 83.64 6.41 -26.52 N | 61.22 6.19 -5.11 N | 69.62 6.38 -12.00 N | 64.45 6.05 -9.00 N | 54.84 4.85 -5.77 N | 55.83 4.29 -7.39 N | 94.22 4.34 -47.38 N | 90.91 4.25 -45.88 N | 101.79 4.75 -51.98 N | 55.97 4.05 -8.01 N |
| O.H_GEN_BRUCE 24063 | 31.91 -2.85 0.00 N | 33.08 -3.05 0.00 N | 29.13 -2.78 0.00 N | 29.05 -2.91 0.00 N | 29.86 -2.99 0.00 N | 34.37 -3.20 0.00 N | 44.95 -7.23 -1.61 N | 34.46 -3.26 0.00 N | 39.87 -4.11 -0.67 N | 37.27 -4.25 -0.33 N | 43.52 -5.41 1.60 N | 43.87 -4.80 -0.24 N | 50.27 -7.32 -2.93 N | 49.71 -7.76 -0.82 N | 45.98 -4.73 0.00 N | 45.23 -4.69 0.00 N | 46.42 -4.83 0.00 N | 49.16 -8.11 -4.58 N | 37.09 -8.49 5.28 N | 34.00 -8.31 7.17 N | 38.97 -3.85 -0.32 N | 37.97 -3.72 -0.92 N | 41.47 -3.87 -0.28 N | 40.03 -3.89 0.00 N |
| OAK ORCHARD____HYD 24046 | 31.87 -2.88 0.00 N | 32.99 -3.14 0.00 N | 29.08 -2.83 0.00 N | 29.03 -2.93 0.00 N | 29.84 -3.00 0.00 N | 34.29 -3.28 0.00 N | 34.91 -3.61 0.00 N | 33.78 -3.38 -1.79 N | 39.62 -4.20 -0.55 N | 37.38 -4.36 -0.55 N | 43.55 -5.44 1.54 N | 43.71 -4.87 -0.15 N | 45.54 -4.88 0.00 N | 47.40 -4.83 0.00 N | 45.89 -4.82 0.00 N | 45.10 -4.82 0.00 N | 46.23 -5.02 0.00 N | 44.70 -4.81 -0.11 N | 40.86 -4.05 -0.70 N | 40.62 -3.78 -0.25 N | 38.83 -3.92 -0.25 N | 37.67 -3.80 -0.70 N | 41.32 -3.96 -0.23 N | 40.01 -3.91 0.00 N |
| OCC_CHEM____DRP 24175 | 31.41 -3.34 0.00 N | 32.50 -3.64 0.00 N | 28.65 -3.26 0.00 N | 28.58 -3.38 0.00 N | 29.37 -3.48 0.00 N | 33.78 -3.80 0.00 N | 34.35 -4.18 0.00 N | 33.57 -4.02 -2.21 N | 38.86 -5.08 -0.63 N | 36.06 -5.24 -0.11 N | 42.15 -6.60 1.78 N | 42.79 -5.85 -0.22 N | 44.49 -5.93 0.00 N | 46.32 -5.91 0.00 N | 44.84 -5.87 0.00 N | 44.11 -5.81 0.00 N | 45.19 -6.06 0.00 N | 43.75 -5.78 -0.14 N | 40.29 -4.79 -0.86 N | 39.98 -4.48 -0.32 N | 38.11 -4.70 -0.30 N | 37.12 -4.53 -0.87 N | 40.62 -4.70 -0.26 N | 39.34 -4.57 0.00 N |
| OLIN_CORP_DRP 24177 | 31.49 -3.27 0.00 N | 32.59 -3.55 0.00 N | 28.72 -3.19 0.00 N | 28.65 -3.31 0.00 N | 29.45 -3.40 0.00 N | 33.87 -3.71 0.00 N | 34.45 -4.07 0.00 N | 33.75 -3.88 -2.25 N | 39.07 -4.88 -0.64 N | 36.25 -5.04 -0.10 N | 42.40 -6.35 1.79 N | 43.02 -5.63 -0.22 N | 44.74 -5.68 0.00 N | 46.58 -5.65 0.00 N | 45.09 -5.62 0.00 N | 44.36 -5.56 0.00 N | 45.45 -5.79 0.00 N | 44.01 -5.53 -0.14 N | 40.48 -4.61 -0.88 N | 40.14 -4.32 -0.32 N | 38.29 -4.52 -0.31 N | 37.29 -4.37 -0.88 N | 40.77 -4.56 -0.26 N | 39.44 -4.48 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 33.98 -0.78 0.00 N | 35.36 -0.77 0.00 N | 31.26 -0.65 0.00 N | 31.31 -0.65 0.00 N | 32.18 -0.66 0.00 N | 36.83 -0.75 0.00 N | 37.62 -0.90 0.00 N | 35.70 -0.90 -1.22 N | 42.61 -1.06 -0.35 N | 40.74 -1.02 -0.57 N | 49.33 -1.24 -0.03 N | 47.39 -1.20 -0.16 N | 49.18 -1.24 0.00 N | 50.97 -1.26 0.00 N | 49.45 -1.26 0.00 N | 48.66 -1.26 0.00 N | 49.96 -1.29 0.00 N | 48.17 -1.30 -0.08 N | 43.54 -1.15 -0.47 N | 43.19 -1.13 -0.17 N | 41.55 -1.12 -0.17 N | 40.18 -1.07 -0.48 N | 43.97 -1.23 -0.14 N | 42.88 -1.03 0.00 N |
| ONONDAGA____COGEN 23986 | 33.48 -1.27 0.00 N | 34.83 -1.30 0.00 N | 30.78 -1.13 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.17 0.00 N | 36.27 -1.31 0.00 N | 37.04 -1.48 0.00 N | 35.34 -1.40 -1.36 N | 42.03 -1.67 -0.39 N | 40.17 -1.64 -0.61 N | 48.57 -2.00 -0.03 N | 46.74 -1.87 -0.18 N | 48.52 -1.90 0.00 N | 50.32 -1.91 0.00 N | 48.80 -1.91 0.00 N | 48.00 -1.92 0.00 N | 49.27 -1.98 0.00 N | 47.52 -1.96 -0.08 N | 43.03 -1.71 -0.53 N | 42.66 -1.67 -0.19 N | 41.02 -1.67 -0.19 N | 39.71 -1.60 -0.53 N | 43.46 -1.77 -0.16 N | 42.26 -1.65 0.00 N |

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| ONTARIO___LFGE 23819 | 35.19 0.44 0.00 N | 36.88 0.74 0.00 N | 32.43 0.52 0.00 N | 32.50 0.54 0.00 N | 33.21 0.36 0.00 N | 38.00 0.42 0.00 N | 39.23 0.71 0.00 N | 38.27 0.84 -2.06 N | 45.24 1.34 -0.59 N | 43.81 1.48 -1.14 N | 52.28 1.56 -0.17 N | 49.90 1.19 -0.27 N | 51.85 1.43 0.00 N | 53.72 1.50 0.00 N | 52.05 1.34 0.00 N | 51.25 1.34 0.00 N | 52.85 1.61 0.00 N | 50.95 1.42 -0.13 N | 46.17 1.15 -0.80 N | 45.50 1.06 -0.29 N | 43.83 1.04 -0.28 N | 42.52 0.93 -0.81 N | 46.22 0.90 -0.26 N | 44.59 0.68 0.00 N |
| OSWEGATCHIE___HYD 24044 | 35.96 1.20 0.00 N | 37.42 1.28 0.00 N | 33.29 1.38 0.00 N | 33.51 1.55 0.00 N | 34.45 1.60 0.00 N | 39.29 1.71 0.00 N | 39.86 1.34 0.00 N | 35.91 0.48 -0.06 N | 43.81 0.48 -0.02 N | 41.77 0.55 -0.03 N | 51.20 0.66 0.00 N | 48.72 0.28 -0.01 N | 50.41 -0.01 0.00 N | 52.11 -0.11 0.00 N | 51.01 0.30 0.00 N | 50.44 0.52 0.00 N | 51.77 0.53 0.00 N | 49.75 0.34 0.00 N | 44.61 0.37 -0.02 N | 44.85 0.70 -0.01 N | 43.22 0.71 -0.01 N | 41.47 0.67 -0.02 N | 45.79 0.73 0.00 N | 45.57 1.65 0.00 N |
| OSWEGO___5 23606 | 33.70 -1.05 0.00 N | 35.05 -1.09 0.00 N | 30.96 -0.95 0.00 N | 31.00 -0.96 0.00 N | 31.86 -0.99 0.00 N | 36.47 -1.11 0.00 N | 37.33 -1.20 0.00 N | 35.33 -1.11 -1.06 N | 42.28 -1.34 -0.30 N | 40.34 -1.30 -0.45 N | 48.94 -1.60 -0.01 N | 47.07 -1.50 -0.14 N | 48.89 -1.53 0.00 N | 50.67 -1.56 0.00 N | 49.16 -1.55 0.00 N | 48.38 -1.54 0.00 N | 49.67 -1.58 0.00 N | 47.92 -1.54 -0.07 N | 43.26 -1.36 -0.41 N | 42.95 -1.35 -0.15 N | 41.31 -1.33 -0.15 N | 39.92 -1.27 -0.42 N | 43.77 -1.42 -0.13 N | 42.55 -1.37 0.00 N |
| OSWEGO___6 23613 | 33.70 -1.06 0.00 N | 35.04 -1.09 0.00 N | 30.95 -0.96 0.00 N | 30.99 -0.97 0.00 N | 31.85 -0.99 0.00 N | 36.46 -1.12 0.00 N | 37.32 -1.20 0.00 N | 35.33 -1.11 -1.06 N | 42.28 -1.34 -0.30 N | 40.34 -1.30 -0.45 N | 48.94 -1.60 -0.01 N | 47.07 -1.50 -0.14 N | 48.89 -1.53 0.00 N | 50.67 -1.56 0.00 N | 49.16 -1.55 0.00 N | 48.38 -1.54 0.00 N | 49.67 -1.58 0.00 N | 47.92 -1.54 -0.07 N | 43.26 -1.36 -0.41 N | 42.95 -1.35 -0.15 N | 41.31 -1.34 -0.15 N | 39.92 -1.27 -0.42 N | 43.77 -1.42 -0.13 N | 42.55 -1.37 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 31.61 -3.14 0.00 N | 32.73 -3.40 0.00 N | 28.85 -3.06 0.00 N | 28.78 -3.18 0.00 N | 29.60 -3.25 0.00 N | 34.04 -3.53 0.00 N | 34.71 -3.82 0.00 N | 34.08 -3.57 -2.27 N | 39.53 -4.43 -0.65 N | 36.72 -4.55 -0.07 N | 43.05 -5.68 1.81 N | 43.67 -4.98 -0.22 N | 45.44 -4.98 0.00 N | 47.30 -4.93 0.00 N | 45.76 -4.95 0.00 N | 44.99 -4.93 0.00 N | 46.07 -5.17 0.00 N | 44.58 -4.96 -0.14 N | 40.91 -4.19 -0.89 N | 40.48 -3.98 -0.32 N | 38.64 -4.17 -0.31 N | 37.68 -3.99 -0.89 N | 41.29 -4.03 -0.26 N | 40.03 -3.89 0.00 N |
| OXBOW___ 24026 | 31.58 -3.18 0.00 N | 32.68 -3.45 0.00 N | 28.81 -3.10 0.00 N | 28.74 -3.22 0.00 N | 29.54 -3.30 0.00 N | 33.98 -3.60 0.00 N | 34.60 -3.92 0.00 N | 33.90 -3.72 -2.24 N | 39.30 -4.65 -0.64 N | 36.49 -4.79 -0.09 N | 42.73 -6.02 1.80 N | 43.35 -5.29 -0.22 N | 45.09 -5.33 0.00 N | 46.94 -5.29 0.00 N | 45.42 -5.29 0.00 N | 44.67 -5.25 0.00 N | 45.75 -5.50 0.00 N | 44.28 -5.26 -0.14 N | 40.70 -4.39 -0.87 N | 40.33 -4.13 -0.32 N | 38.47 -4.34 -0.31 N | 37.49 -4.17 -0.88 N | 41.05 -4.27 -0.26 N | 39.78 -4.14 0.00 N |
| PEEKSKILL___ 23653 | 36.58 1.83 0.00 N | 37.95 1.82 0.00 N | 33.09 1.18 0.00 N | 33.00 1.04 0.00 N | 33.98 1.14 0.00 N | 39.16 1.59 0.00 N | 40.60 2.07 0.00 N | 52.49 2.45 -14.66 N | 50.50 2.99 -4.20 N | 50.68 2.83 -6.65 N | 54.05 3.41 -0.10 N | 53.78 3.42 -1.93 N | 54.13 3.71 0.00 N | 56.12 3.89 0.00 N | 54.35 3.64 0.00 N | 53.55 3.63 0.00 N | 55.02 3.78 0.00 N | 53.93 3.62 -0.91 N | 52.82 2.88 -5.72 N | 48.66 2.42 -2.09 N | 46.96 2.44 -2.02 N | 48.88 2.34 -5.77 N | 49.44 2.61 -1.76 N | 45.97 2.06 0.00 N |
| PGE MADISON___WINDPWR 24146 | 35.64 0.88 0.00 N | 36.88 0.75 0.00 N | 32.39 0.48 0.00 N | 32.28 0.32 0.00 N | 33.20 0.35 0.00 N | 38.20 0.62 0.00 N | 39.45 0.92 0.00 N | 40.92 1.27 -4.28 N | 46.39 1.86 -1.23 N | 45.27 1.88 -2.20 N | 53.05 2.40 -0.11 N | 51.37 2.38 -0.56 N | 52.97 2.55 0.00 N | 54.89 2.67 0.00 N | 53.12 2.41 0.00 N | 52.23 2.31 0.00 N | 53.62 2.38 0.00 N | 51.86 2.20 -0.27 N | 47.67 1.79 -1.67 N | 46.34 1.58 -0.61 N | 44.62 1.52 -0.59 N | 44.06 1.60 -1.68 N | 47.10 1.52 -0.52 N | 44.95 1.04 0.00 N |
| PJM_GEN_KEystone 24065 | 33.16 -1.59 0.00 N | 34.54 -1.60 0.00 N | 30.27 -1.64 0.00 N | 30.17 -1.80 0.00 N | 31.05 -1.80 0.00 N | 35.85 -1.73 0.00 N | 50.01 -2.17 -1.61 N | 37.36 -1.21 -3.20 N | 42.77 -1.46 -0.92 N | 40.81 -1.56 -1.18 N | 47.57 -2.07 0.89 N | 47.12 -1.69 -0.38 N | 59.34 1.75 -2.93 N | 59.79 2.32 -0.82 N | 49.35 -1.36 0.00 N | 48.52 -1.40 0.00 N | 49.96 -1.29 0.00 N | 58.69 1.42 -4.58 N | 44.00 -1.58 5.28 N | 41.47 -4.11 3.90 N | 41.35 -1.60 -0.44 N | 40.53 -1.50 -1.26 N | 43.83 -1.62 -0.38 N | 41.84 -2.07 0.00 N |
| PLEASANTVLY___LBMP 24000 | 35.65 0.90 0.00 N | 37.06 0.93 0.00 N | 32.55 0.64 0.00 N | 32.53 0.57 0.00 N | 33.44 0.59 0.00 N | 38.36 0.78 0.00 N | 39.61 1.09 0.00 N | 52.05 1.39 -15.29 N | 49.32 1.63 -4.38 N | 49.64 1.51 -6.93 N | 52.46 1.81 -0.11 N | 52.27 1.82 -2.02 N | 52.38 1.96 0.00 N | 54.25 2.02 0.00 N | 52.63 1.92 0.00 N | 51.80 1.88 0.00 N | 53.21 1.97 0.00 N | 52.27 1.92 -0.95 N | 51.79 1.61 -5.97 N | 47.71 1.39 -2.18 N | 45.98 1.37 -2.11 N | 48.08 1.29 -6.02 N | 48.31 1.42 -1.83 N | 44.89 0.97 0.00 N |
| POLETTI___ 23519 | 37.35 2.60 0.00 N | 38.72 2.58 0.00 N | 33.67 1.76 0.00 N | 33.56 1.60 0.00 N | 34.58 1.73 0.00 N | 39.90 2.33 0.00 N | 41.42 2.90 0.00 N | 53.40 3.25 -14.78 N | 51.45 3.91 -4.23 N | 51.54 3.64 -6.71 N | 55.10 4.46 -0.10 N | 54.86 4.48 -1.95 N | 55.19 4.77 0.00 N | 57.10 4.87 0.00 N | 55.28 4.57 0.00 N | 54.46 4.54 0.00 N | 55.92 4.68 0.00 N | 54.78 4.46 -0.92 N | 53.53 3.55 -5.77 N | 49.30 3.04 -2.11 N | 47.59 3.05 -2.04 N | 49.56 2.98 -5.82 N | 50.24 3.41 -1.77 N | 46.74 2.83 0.00 N |
| PORT_JEFF_3 23555 | 48.16 2.38 -11.02 N | 122.77 3.20 -83.43 N | 70.90 2.27 -36.72 N | 41.12 2.02 -7.13 N | 60.98 2.22 -25.91 N | 60.78 2.60 -20.60 N | 60.85 2.82 -19.51 N | 59.96 2.72 -21.86 N | 62.15 3.05 -15.78 N | 77.53 2.82 -33.52 N | 74.92 2.85 -21.54 N | 71.86 3.25 -20.18 N | 74.54 3.21 -20.91 N | 65.13 2.52 -10.38 N | 77.92 2.71 -24.49 N | 80.88 2.88 -28.08 N | 62.17 2.75 -8.17 N | 57.47 2.49 -5.58 N | 58.16 1.91 -12.04 N | 56.47 1.54 -10.79 N | 57.08 1.87 -12.71 N | 57.57 1.95 -14.85 N | 60.60 2.27 -13.27 N | 55.68 2.61 -9.16 N |
| PORT_JEFF_4 23616 | 48.13 2.35 -11.02 N | 122.76 3.20 -83.43 N | 70.87 2.24 -36.72 N | 41.09 1.99 -7.13 N | 60.94 2.19 -25.91 N | 60.72 2.55 -20.60 N | 60.71 2.68 -19.51 N | 59.94 2.70 -21.86 N | 62.18 3.09 -15.78 N | 77.59 2.87 -33.52 N | 75.06 2.98 -21.54 N | 72.00 3.40 -20.18 N | 74.84 3.51 -20.91 N | 65.57 2.97 -10.38 N | 78.48 3.27 -24.49 N | 81.22 3.22 -28.08 N | 62.54 3.12 -8.17 N | 57.89 2.91 -5.58 N | 58.55 2.29 -12.04 N | 56.83 1.90 -10.79 N | 57.41 2.21 -12.71 N | 57.67 2.05 -14.85 N | 60.55 2.22 -13.27 N | 55.61 2.53 -9.16 N |

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| PORT_JEFF_IC 23713 | 48.33 2.56 -11.02 N | 122.86 3.29 -83.43 N | 70.97 2.34 -36.72 N | 41.19 2.09 -7.13 N | 61.05 2.29 -25.91 N | 60.90 2.72 -20.60 N | 61.02 2.99 -19.51 N | 60.16 2.92 -21.86 N | 62.44 3.35 -15.78 N | 77.83 3.11 -33.52 N | 75.25 3.17 -21.54 N | 72.17 3.57 -20.18 N | 74.87 3.54 -20.91 N | 65.46 2.85 -10.38 N | 78.24 3.03 -24.49 N | 81.19 3.19 -28.08 N | 62.49 3.07 -8.17 N | 57.78 2.80 -5.58 N | 58.48 2.18 -12.09 N | 56.75 1.79 -10.82 N | 57.36 2.11 -12.75 N | 57.82 2.18 -14.87 N | 60.84 2.51 -13.27 N | 55.89 2.81 -9.16 N |
| PPL PILGRIM_ST_GT1 24216 | 48.32 2.54 -11.02 N | 122.53 2.96 -83.43 N | 70.69 2.06 -36.72 N | 40.94 1.84 -7.13 N | 60.81 2.06 -25.91 N | 60.78 2.60 -20.60 N | 61.09 3.06 -19.51 N | 60.38 3.14 -21.86 N | 62.74 3.65 -15.78 N | 78.12 3.41 -33.52 N | 75.81 3.73 -21.54 N | 72.66 4.05 -20.18 N | 75.69 4.36 -20.91 N | 66.47 3.86 -10.38 N | 79.22 4.02 -24.49 N | 82.21 4.20 -28.08 N | 63.50 4.08 -8.17 N | 58.76 3.78 -5.58 N | 59.63 3.11 -12.30 N | 57.80 2.69 -10.97 N | 58.30 2.87 -12.93 N | 58.46 2.70 -14.99 N | 61.26 2.93 -13.27 N | 56.07 2.99 -9.16 N |
| PPL PILGRIM_ST_GT2 24217 | 48.32 2.54 -11.02 N | 122.53 2.96 -83.43 N | 70.69 2.06 -36.72 N | 40.94 1.84 -7.13 N | 60.81 2.06 -25.91 N | 60.78 2.60 -20.60 N | 61.09 3.06 -19.51 N | 60.38 3.14 -21.86 N | 62.74 3.65 -15.78 N | 78.12 3.41 -33.52 N | 75.81 3.73 -21.54 N | 72.66 4.05 -20.18 N | 75.69 4.36 -20.91 N | 66.47 3.86 -10.38 N | 79.22 4.02 -24.49 N | 82.21 4.20 -28.08 N | 63.50 4.08 -8.17 N | 58.76 3.78 -5.58 N | 59.63 3.11 -12.30 N | 57.80 2.69 -10.97 N | 58.30 2.87 -12.93 N | 58.46 2.70 -14.99 N | 61.26 2.93 -13.27 N | 56.07 2.99 -9.16 N |
| PPL_SHRM_GT3 24213 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.68 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.69 2.46 -12.72 N | 57.99 2.36 -14.86 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| PPL_SHRM_GT4 24214 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.68 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.69 2.46 -12.72 N | 57.99 2.36 -14.86 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| PROJECT___ORANGE 23990 | 34.76 0.00 0.00 N | 36.13 0.00 0.00 N | 31.91 0.00 0.00 N | 31.96 0.00 0.00 N | 32.85 0.00 0.00 N | 37.58 0.00 0.00 N | 38.53 0.00 0.00 N | 35.38 0.00 0.00 N | 43.31 0.00 0.00 N | 41.19 0.00 0.00 N | 50.54 0.00 0.00 N | 48.43 0.00 0.00 N | 50.42 0.00 0.00 N | 52.23 0.00 0.00 N | 50.71 0.00 0.00 N | 49.92 0.00 0.00 N | 51.24 0.00 0.00 N | 49.40 0.00 0.00 N | 44.21 0.00 0.00 N | 44.14 0.00 0.00 N | 42.50 0.00 0.00 N | 40.77 0.00 0.00 N | 45.06 0.00 0.00 N | 43.92 0.00 0.00 N |
| PROJECT___ORANGE 1 24174 | 34.18 -0.58 0.00 N | 35.57 -0.56 0.00 N | 31.46 -0.45 0.00 N | 31.53 -0.43 0.00 N | 32.41 -0.43 0.00 N | 37.08 -0.50 0.00 N | 37.87 -0.65 0.00 N | 35.71 -0.68 -1.02 N | 42.80 -0.80 -0.29 N | 40.87 -0.78 -0.45 N | 49.62 -0.94 -0.02 N | 47.65 -0.92 -0.14 N | 49.46 -0.96 0.00 N | 51.26 -0.97 0.00 N | 49.73 -0.98 0.00 N | 48.94 -0.98 0.00 N | 50.25 -1.00 0.00 N | 48.44 -1.02 -0.06 N | 43.71 -0.89 -0.40 N | 43.42 -0.86 -0.15 N | 41.78 -0.86 -0.14 N | 40.35 -0.82 -0.40 N | 44.24 -0.95 -0.13 N | 43.16 -0.75 0.00 N |
| PROJECT___ORANGE 2 24166 | 34.18 -0.58 0.00 N | 35.57 -0.56 0.00 N | 31.46 -0.45 0.00 N | 31.53 -0.43 0.00 N | 32.41 -0.43 0.00 N | 37.08 -0.50 0.00 N | 37.87 -0.65 0.00 N | 35.71 -0.68 -1.02 N | 42.80 -0.80 -0.29 N | 40.87 -0.78 -0.45 N | 49.62 -0.94 -0.02 N | 47.65 -0.92 -0.14 N | 49.46 -0.96 0.00 N | 51.26 -0.97 0.00 N | 49.73 -0.98 0.00 N | 48.94 -0.98 0.00 N | 50.25 -1.00 0.00 N | 48.44 -1.02 -0.06 N | 43.71 -0.89 -0.40 N | 43.42 -0.86 -0.15 N | 41.78 -0.86 -0.14 N | 40.35 -0.82 -0.40 N | 44.24 -0.95 -0.13 N | 43.16 -0.75 0.00 N |
| PYRITES___HYD 24023 | 36.83 2.07 0.00 N | 38.24 2.11 0.00 N | 34.06 2.15 0.00 N | 34.31 2.35 0.00 N | 35.28 2.43 0.00 N | 40.23 2.66 0.00 N | 40.73 2.21 0.00 N | 36.33 1.04 0.09 N | 44.46 1.18 0.02 N | 42.39 1.24 0.04 N | 52.13 1.59 0.00 N | 49.62 1.20 0.01 N | 51.31 0.89 0.00 N | 53.05 0.82 0.00 N | 51.91 1.20 0.00 N | 51.36 1.44 0.00 N | 52.69 1.45 0.00 N | 50.60 1.21 0.01 N | 45.35 1.18 0.03 N | 45.79 1.66 0.01 N | 44.11 1.62 0.01 N | 42.29 1.55 0.03 N | 46.79 1.73 0.00 N | 46.73 2.81 0.00 N |
| RANKINE____ 23646 | 31.94 -2.82 0.00 N | 33.08 -3.05 0.00 N | 29.05 -2.86 0.00 N | 28.98 -2.98 0.00 N | 29.82 -3.02 0.00 N | 34.34 -3.23 0.00 N | 35.12 -3.40 0.00 N | 34.73 -3.05 -2.41 N | 40.25 -3.75 -0.69 N | 37.32 -3.87 0.00 N | 43.90 -4.79 1.84 N | 44.62 -4.05 -0.25 N | 46.45 -3.97 0.00 N | 48.34 -3.89 0.00 N | 46.74 -3.97 0.00 N | 45.93 -3.99 0.00 N | 47.08 -4.17 0.00 N | 45.55 -4.00 -0.15 N | 41.71 -3.45 -0.94 N | 41.10 -3.39 -0.34 N | 39.25 -3.59 -0.33 N | 38.32 -3.40 -0.95 N | 41.74 -3.61 -0.29 N | 40.19 -3.72 0.00 N |
| RAVENS GT4-7 ____ 23728 | 37.61 2.85 0.00 N | 38.99 2.86 0.00 N | 33.93 2.02 0.00 N | 33.85 1.89 0.00 N | 34.89 2.05 0.00 N | 40.29 2.71 0.00 N | 41.81 3.29 0.00 N | 53.75 3.60 -14.78 N | 51.99 4.44 -4.23 N | 52.05 4.16 -6.71 N | 55.69 5.05 -0.10 N | 55.30 4.93 -1.95 N | 55.65 5.23 0.00 N | 57.68 5.46 0.00 N | 55.82 5.11 0.00 N | 54.97 5.05 0.00 N | 56.45 5.21 0.00 N | 55.26 4.94 -0.92 N | 53.92 3.94 -5.77 N | 49.67 3.41 -2.11 N | 47.99 3.45 -2.04 N | 49.96 3.37 -5.82 N | 50.65 3.82 -1.77 N | 47.08 3.16 0.00 N |
| RAVENSWD GT2____ 23730 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWD GT3____ 23733 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |

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| RAVENSWOOD_GT2_1 24244 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT3_3 24250 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT_1 23729 | 77.20 2.61 -39.84 N | 79.32 2.60 -40.59 N | 72.55 1.78 -38.86 N | 72.31 1.62 -38.72 N | 71.91 1.76 -37.30 N | 58.53 2.35 -18.60 N | 58.29 2.92 -16.84 N | 65.08 3.24 -26.46 N | 55.82 3.92 -8.59 N | 54.44 3.68 -9.57 N | 55.30 4.43 -0.33 N | 54.97 4.36 -2.19 N | 55.08 4.65 0.00 N | 57.06 4.83 0.00 N | 55.34 4.53 -0.10 N | 59.35 4.52 -4.92 N | 67.89 4.65 -12.00 N | 62.83 4.44 -9.00 N | 53.52 3.53 -5.77 N | 54.59 3.05 -7.39 N | 64.94 3.10 -19.33 N | 49.79 3.08 -5.94 N | 50.74 3.51 -2.17 N | 46.82 2.90 0.00 N |
| RAVENSWOOD_GT_10 24258 | 37.61 2.86 0.00 N | 39.00 2.87 0.00 N | 33.94 2.03 0.00 N | 33.86 1.89 0.00 N | 34.90 2.06 0.00 N | 40.30 2.72 0.00 N | 41.82 3.30 0.00 N | 53.76 3.61 -14.78 N | 52.00 4.46 -4.23 N | 52.07 4.17 -6.71 N | 55.70 5.06 -0.10 N | 55.31 4.94 -1.95 N | 55.66 5.24 0.00 N | 57.70 5.47 0.00 N | 55.84 5.13 0.00 N | 54.98 5.06 0.00 N | 56.46 5.22 0.00 N | 55.27 4.95 -0.92 N | 53.93 3.95 -5.77 N | 49.68 3.42 -2.11 N | 48.00 3.46 -2.04 N | 49.97 3.38 -5.82 N | 50.66 3.83 -1.77 N | 47.09 3.17 0.00 N |
| RAVENSWOOD_GT_11 24259 | 37.61 2.86 0.00 N | 39.00 2.87 0.00 N | 33.94 2.03 0.00 N | 33.86 1.89 0.00 N | 34.90 2.06 0.00 N | 40.30 2.72 0.00 N | 41.82 3.30 0.00 N | 53.76 3.61 -14.78 N | 52.00 4.46 -4.23 N | 52.07 4.17 -6.71 N | 55.70 5.06 -0.10 N | 55.31 4.94 -1.95 N | 55.66 5.24 0.00 N | 57.70 5.47 0.00 N | 55.84 5.13 0.00 N | 54.98 5.06 0.00 N | 56.46 5.22 0.00 N | 55.27 4.95 -0.92 N | 53.93 3.95 -5.77 N | 49.68 3.42 -2.11 N | 48.00 3.46 -2.04 N | 49.97 3.38 -5.82 N | 50.66 3.83 -1.77 N | 47.09 3.17 0.00 N |
| RAVENSWOOD_GT_4 24252 | 37.61 2.85 0.00 N | 38.99 2.86 0.00 N | 33.93 2.02 0.00 N | 33.85 1.89 0.00 N | 34.89 2.05 0.00 N | 40.29 2.71 0.00 N | 41.81 3.29 0.00 N | 53.75 3.60 -14.78 N | 51.99 4.44 -4.23 N | 52.05 4.16 -6.71 N | 55.69 5.05 -0.10 N | 55.30 4.93 -1.95 N | 55.65 5.23 0.00 N | 57.68 5.46 0.00 N | 55.82 5.11 0.00 N | 54.97 5.05 0.00 N | 56.45 5.21 0.00 N | 55.26 4.94 -0.92 N | 53.92 3.94 -5.77 N | 49.67 3.41 -2.11 N | 47.99 3.45 -2.04 N | 49.96 3.37 -5.82 N | 50.65 3.82 -1.77 N | 47.08 3.16 0.00 N |
| RAVENSWOOD_GT_5 24254 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |

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| RAVENSWOOD_GT_6 24253 | 37.61 2.85 0.00 N | 38.99 2.86 0.00 N | 33.93 2.02 0.00 N | 33.85 1.89 0.00 N | 34.89 2.05 0.00 N | 40.29 2.71 0.00 N | 41.81 3.29 0.00 N | 53.75 3.60 -14.78 N | 51.99 4.44 -4.23 N | 52.05 4.16 -6.71 N | 55.69 5.05 -0.10 N | 55.30 4.93 -1.95 N | 55.65 5.23 0.00 N | 57.68 5.46 0.00 N | 55.82 5.11 0.00 N | 54.97 5.05 0.00 N | 56.45 5.21 0.00 N | 55.26 4.94 -0.92 N | 53.92 3.94 -5.77 N | 49.67 3.41 -2.11 N | 47.99 3.45 -2.04 N | 49.96 3.37 -5.82 N | 50.65 3.82 -1.77 N | 47.08 3.16 0.00 N |
| RAVENSWOOD_GT_7 24255 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.58 1.62 0.00 N | 34.60 1.76 0.00 N | 39.93 2.35 0.00 N | 41.45 2.92 0.00 N | 53.43 3.27 -14.78 N | 51.54 3.99 -4.23 N | 51.67 3.77 -6.71 N | 55.21 4.57 -0.10 N | 54.90 4.52 -1.95 N | 55.26 4.84 0.00 N | 57.25 5.02 0.00 N | 55.42 4.71 0.00 N | 54.60 4.68 0.00 N | 56.07 4.82 0.00 N | 54.92 4.60 -0.92 N | 53.64 3.66 -5.77 N | 49.40 3.15 -2.11 N | 47.72 3.18 -2.04 N | 49.70 3.11 -5.82 N | 50.35 3.52 -1.77 N | 46.82 2.91 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.61 2.86 0.00 N | 39.00 2.87 0.00 N | 33.94 2.03 0.00 N | 33.86 1.89 0.00 N | 34.90 2.06 0.00 N | 40.30 2.72 0.00 N | 41.82 3.30 0.00 N | 53.76 3.61 -14.78 N | 52.00 4.46 -4.23 N | 52.07 4.17 -6.71 N | 55.70 5.06 -0.10 N | 55.31 4.94 -1.95 N | 55.66 5.24 0.00 N | 57.70 5.47 0.00 N | 55.84 5.13 0.00 N | 54.98 5.06 0.00 N | 56.46 5.22 0.00 N | 55.27 4.95 -0.92 N | 53.93 3.95 -5.77 N | 49.68 3.42 -2.11 N | 48.00 3.46 -2.04 N | 49.97 3.38 -5.82 N | 50.66 3.83 -1.77 N | 47.09 3.17 0.00 N |
| RAVENSWOOD_GT_9 24257 | 37.61 2.86 0.00 N | 39.00 2.87 0.00 N | 33.94 2.03 0.00 N | 33.86 1.89 0.00 N | 34.90 2.06 0.00 N | 40.30 2.72 0.00 N | 41.82 3.30 0.00 N | 53.76 3.61 -14.78 N | 52.00 4.46 -4.23 N | 52.07 4.17 -6.71 N | 55.70 5.06 -0.10 N | 55.31 4.94 -1.95 N | 55.66 5.24 0.00 N | 57.70 5.47 0.00 N | 55.84 5.13 0.00 N | 54.98 5.06 0.00 N | 56.46 5.22 0.00 N | 55.27 4.95 -0.92 N | 53.93 3.95 -5.77 N | 49.68 3.42 -2.11 N | 48.00 3.46 -2.04 N | 49.97 3.38 -5.82 N | 50.66 3.83 -1.77 N | 47.09 3.17 0.00 N |
| RAVENSWOOD___1 23533 | 77.33 2.74 -39.84 N | 79.54 2.81 -40.59 N | 72.77 2.00 -38.86 N | 72.55 1.86 -38.72 N | 72.17 2.02 -37.30 N | 58.85 2.67 -18.60 N | 58.62 3.25 -16.84 N | 65.37 3.53 -26.46 N | 56.21 4.31 -8.59 N | 54.75 4.00 -9.57 N | 55.68 4.81 -0.33 N | 55.30 4.69 -2.19 N | 55.41 4.99 0.00 N | 57.43 5.20 0.00 N | 55.68 4.87 -0.10 N | 59.65 4.82 -4.92 N | 68.21 4.97 -12.00 N | 63.11 4.71 -9.00 N | 53.72 3.74 -5.77 N | 54.76 3.23 -7.39 N | 65.13 3.30 -19.33 N | 49.99 3.28 -5.94 N | 51.00 3.76 -2.17 N | 47.03 3.11 0.00 N |
| RAVENSWOOD___2 23534 | 77.28 2.69 -39.84 N | 79.44 2.71 -40.59 N | 72.72 1.95 -38.86 N | 72.54 1.86 -38.72 N | 72.17 2.02 -37.30 N | 58.84 2.66 -18.60 N | 58.53 3.16 -16.84 N | 65.27 3.43 -26.46 N | 56.13 4.23 -8.59 N | 54.71 3.95 -9.57 N | 55.65 4.78 -0.33 N | 55.29 4.67 -2.19 N | 55.39 4.97 0.00 N | 57.40 5.17 0.00 N | 55.67 4.86 -0.10 N | 59.66 4.82 -4.92 N | 68.21 4.97 -12.00 N | 63.10 4.71 -9.00 N | 53.72 3.73 -5.77 N | 54.75 3.22 -7.39 N | 65.09 3.26 -19.33 N | 49.89 3.18 -5.94 N | 50.86 3.63 -2.17 N | 46.92 3.00 0.00 N |
| RAVENSWOOD___3 23535 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.69 1.78 0.00 N | 33.59 1.62 0.00 N | 34.61 1.76 0.00 N | 39.93 2.35 0.00 N | 41.44 2.92 0.00 N | 53.40 3.24 -14.78 N | 51.46 3.92 -4.23 N | 51.58 3.68 -6.71 N | 55.07 4.43 -0.10 N | 54.74 4.36 -1.95 N | 55.08 4.65 0.00 N | 57.06 4.83 0.00 N | 55.24 4.53 0.00 N | 54.43 4.52 0.00 N | 55.89 4.65 0.00 N | 54.76 4.44 -0.92 N | 53.52 3.53 -5.77 N | 49.31 3.05 -2.11 N | 47.64 3.10 -2.04 N | 49.66 3.08 -5.82 N | 50.34 3.51 -1.77 N | 46.82 2.90 0.00 N |
| RAVENSWOOD___4 23820 | 77.46 2.87 -39.84 N | 79.61 2.88 -40.59 N | 72.82 2.05 -38.86 N | 72.60 1.91 -38.72 N | 72.22 2.07 -37.30 N | 58.92 2.74 -18.60 N | 58.69 3.32 -16.84 N | 65.46 3.62 -26.46 N | 56.38 4.48 -8.59 N | 54.95 4.19 -9.57 N | 55.96 5.09 -0.33 N | 55.58 4.96 -2.19 N | 55.69 5.26 0.00 N | 57.72 5.49 0.00 N | 55.96 5.15 -0.10 N | 59.92 5.08 -4.92 N | 68.48 5.24 -12.00 N | 63.37 4.98 -9.00 N | 53.95 3.97 -5.77 N | 54.97 3.44 -7.39 N | 65.31 3.48 -19.33 N | 50.11 3.39 -5.94 N | 51.08 3.85 -2.17 N | 47.10 3.19 0.00 N |
| RAVNSWD 8-11____ 23667 | 37.61 2.86 0.00 N | 39.00 2.87 0.00 N | 33.94 2.03 0.00 N | 33.86 1.89 0.00 N | 34.90 2.06 0.00 N | 40.30 2.72 0.00 N | 41.82 3.30 0.00 N | 53.76 3.61 -14.78 N | 52.00 4.46 -4.23 N | 52.07 4.17 -6.71 N | 55.70 5.06 -0.10 N | 55.31 4.94 -1.95 N | 55.66 5.24 0.00 N | 57.70 5.47 0.00 N | 55.84 5.13 0.00 N | 54.98 5.06 0.00 N | 56.46 5.22 0.00 N | 55.27 4.95 -0.92 N | 53.93 3.95 -5.77 N | 49.68 3.42 -2.11 N | 48.00 3.46 -2.04 N | 49.97 3.38 -5.82 N | 50.66 3.83 -1.77 N | 47.09 3.17 0.00 N |
| RCPL_TRUST___DRP 24196 | 37.36 2.61 0.00 N | 38.73 2.60 0.00 N | 33.68 1.77 0.00 N | 33.58 1.61 0.00 N | 34.59 1.75 0.00 N | 39.92 2.34 0.00 N | 41.44 2.91 0.00 N | 53.43 3.28 -14.77 N | 51.56 4.01 -4.23 N | 51.70 3.80 -6.70 N | 55.26 4.62 -0.10 N | 54.96 4.58 -1.95 N | 55.32 4.90 0.00 N | 57.32 5.09 0.00 N | 55.49 4.78 0.00 N | 54.67 4.75 0.00 N | 56.14 4.90 0.00 N | 54.99 4.67 -0.92 N | 53.70 3.72 -5.77 N | 49.45 3.20 -2.11 N | 47.75 3.21 -2.04 N | 49.72 3.13 -5.82 N | 50.36 3.53 -1.77 N | 46.83 2.91 0.00 N |
| RENSSELAER___COGEN 23796 | 37.50 2.75 0.00 N | 39.08 2.95 0.00 N | 34.89 2.98 0.00 N | 35.15 3.19 0.00 N | 36.02 3.17 0.00 N | 40.86 3.29 0.00 N | 41.69 3.17 0.00 N | 56.54 2.47 -18.70 N | 51.61 2.94 -5.36 N | 52.70 3.05 -8.46 N | 54.49 3.83 -0.13 N | 54.09 3.20 -2.47 N | 53.40 2.98 0.00 N | 54.99 2.77 0.00 N | 53.63 2.92 0.00 N | 52.85 2.94 0.00 N | 54.19 2.95 0.00 N | 53.44 2.87 -1.17 N | 54.26 2.73 -7.31 N | 49.85 3.03 -2.68 N | 48.23 3.14 -2.58 N | 51.15 3.00 -7.37 N | 50.54 3.22 -2.25 N | 47.53 3.62 0.00 N |
| REVERE_CPPR_DRP 24186 | 35.87 1.12 0.00 N | 37.38 1.24 0.00 N | 33.17 1.26 0.00 N | 33.32 1.35 0.00 N | 34.25 1.40 0.00 N | 39.08 1.51 0.00 N | 39.80 1.27 0.00 N | 36.50 0.88 -0.24 N | 44.46 1.08 -0.07 N | 42.42 1.10 -0.12 N | 51.94 1.39 -0.01 N | 49.57 1.11 -0.03 N | 51.44 1.02 0.00 N | 53.25 1.02 0.00 N | 51.74 1.03 0.00 N | 50.96 1.04 0.00 N | 52.35 1.10 0.00 N | 50.33 0.92 -0.02 N | 45.17 0.86 -0.09 N | 45.15 0.97 -0.04 N | 43.51 0.97 -0.03 N | 41.80 0.93 -0.09 N | 46.04 0.94 -0.03 N | 45.39 1.47 0.00 N |
| ROCHESTER_9_IC 23652 | 34.12 -0.64 0.00 N | 35.37 -0.76 0.00 N | 31.55 -0.36 0.00 N | 31.72 -0.25 0.00 N | 32.56 -0.29 0.00 N | 37.04 -0.54 0.00 N | 37.44 -1.08 0.00 N | 35.53 -1.61 -1.77 N | 42.06 -1.76 -0.51 N | 40.15 -1.58 -0.54 N | 47.10 -1.89 1.54 N | 46.58 -2.00 -0.15 N | 48.13 -2.29 0.00 N | 49.85 -2.37 0.00 N | 48.51 -2.20 0.00 N | 47.71 -2.21 0.00 N | 48.80 -2.44 0.00 N | 47.00 -2.51 0.00 N | 43.02 -1.88 -0.69 N | 43.08 -1.32 -0.25 N | 41.35 -1.39 -0.70 N | 40.15 -1.32 -0.70 N | 43.77 -1.50 -0.20 N | 43.13 -0.78 0.00 N |

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| ROSETON___1 23587 | 36.19 1.43 0.00 N | 37.65 1.52 0.00 N | 33.01 1.10 0.00 N | 32.95 0.99 0.00 N | 33.89 1.05 0.00 N | 38.96 1.38 0.00 N | 40.29 1.76 0.00 N | 52.15 2.06 -14.71 N | 49.93 2.40 -4.21 N | 50.07 2.20 -6.68 N | 53.26 2.62 -0.10 N | 52.89 2.52 -1.94 N | 53.01 2.59 0.00 N | 54.88 2.65 0.00 N | 53.18 2.47 0.00 N | 52.37 2.45 0.00 N | 53.84 2.60 0.00 N | 52.84 2.53 -0.92 N | 52.13 2.17 -5.75 N | 48.27 2.03 -2.10 N | 46.58 2.05 -2.03 N | 48.50 1.93 -5.79 N | 48.95 2.13 -1.77 N | 45.53 1.62 0.00 N |
| ROSETON___2 23588 | 36.19 1.43 0.00 N | 37.64 1.51 0.00 N | 33.01 1.10 0.00 N | 32.95 0.99 0.00 N | 33.89 1.05 0.00 N | 38.96 1.38 0.00 N | 40.29 1.76 0.00 N | 52.14 2.05 -14.71 N | 49.91 2.39 -4.21 N | 50.06 2.19 -6.68 N | 53.23 2.59 -0.10 N | 52.86 2.49 -1.94 N | 53.01 2.59 0.00 N | 54.88 2.65 0.00 N | 53.20 2.49 0.00 N | 52.38 2.46 0.00 N | 53.84 2.60 0.00 N | 52.85 2.53 -0.92 N | 52.12 2.17 -5.75 N | 48.26 2.01 -2.10 N | 46.58 2.05 -2.03 N | 48.48 1.92 -5.79 N | 48.95 2.12 -1.77 N | 45.53 1.62 0.00 N |
| RUSSELL___STATION 23914 | 33.50 -1.26 0.00 N | 34.71 -1.42 0.00 N | 30.94 -0.97 0.00 N | 31.11 -0.86 0.00 N | 31.95 -0.89 0.00 N | 36.31 -1.27 0.00 N | 36.65 -1.88 0.00 N | 34.83 -2.31 -1.77 N | 41.37 -2.45 -0.51 N | 39.56 -2.16 -0.54 N | 46.28 -2.72 1.54 N | 45.70 -2.88 -0.15 N | 47.23 -3.19 0.00 N | 48.93 -3.30 0.00 N | 47.63 -3.08 0.00 N | 46.84 -3.08 0.00 N | 47.90 -3.34 0.00 N | 46.11 -3.40 -0.11 N | 42.24 -2.66 -0.69 N | 42.29 -2.11 -0.25 N | 40.60 -2.15 -0.24 N | 39.44 -2.03 -0.70 N | 42.94 -2.33 -0.20 N | 42.25 -1.67 0.00 N |
| S SALMON___HYD 24043 | 34.53 -0.23 0.00 N | 35.95 -0.18 0.00 N | 31.91 0.00 0.00 N | 32.05 0.08 0.00 N | 32.94 0.10 0.00 N | 37.62 0.04 0.00 N | 38.27 -0.25 0.00 N | 35.69 -0.56 -0.86 N | 42.88 -0.68 -0.25 N | 40.96 -0.61 -0.38 N | 49.85 -0.70 -0.01 N | 47.73 -0.82 -0.11 N | 49.45 -0.97 0.00 N | 51.20 -1.03 0.00 N | 49.74 -0.97 0.00 N | 48.96 -0.96 0.00 N | 50.27 -0.98 0.00 N | 48.39 -1.06 -0.05 N | 43.66 -0.89 -0.34 N | 43.51 -0.76 -0.12 N | 41.89 -0.73 -0.12 N | 40.41 -0.70 -0.34 N | 44.32 -0.85 -0.10 N | 43.55 -0.37 0.00 N |
| SELKIRK___II 23799 | 36.78 2.03 0.00 N | 38.31 2.18 0.00 N | 34.21 2.30 0.00 N | 34.44 2.48 0.00 N | 35.30 2.46 0.00 N | 40.06 2.48 0.00 N | 40.83 2.30 0.00 N | 55.67 1.67 -18.63 N | 50.64 1.99 -5.34 N | 51.75 2.12 -8.43 N | 53.36 2.69 -0.13 N | 53.00 2.11 -2.46 N | 52.27 1.85 0.00 N | 53.85 1.62 0.00 N | 52.49 1.78 0.00 N | 51.73 1.81 0.00 N | 53.04 1.79 0.00 N | 52.31 1.75 -1.16 N | 53.21 1.73 -7.27 N | 48.83 2.03 -2.66 N | 47.23 2.16 -2.57 N | 50.16 2.05 -7.33 N | 49.48 2.19 -2.23 N | 46.55 2.63 0.00 N |
| SELKIRK___I 23801 | 37.00 2.25 0.00 N | 38.56 2.42 0.00 N | 34.40 2.49 0.00 N | 34.61 2.64 0.00 N | 35.49 2.64 0.00 N | 40.28 2.70 0.00 N | 40.93 2.41 0.00 N | 55.74 1.78 -18.58 N | 50.76 2.13 -5.32 N | 51.84 2.24 -8.41 N | 53.51 2.84 -0.13 N | 53.13 2.25 -2.45 N | 52.40 1.98 0.00 N | 54.01 1.78 0.00 N | 52.63 1.92 0.00 N | 51.88 1.96 0.00 N | 53.20 1.96 0.00 N | 52.46 1.90 -1.16 N | 53.30 1.83 -7.25 N | 48.91 2.11 -2.65 N | 47.31 2.25 -2.56 N | 50.20 2.12 -7.31 N | 49.55 2.27 -2.22 N | 46.64 2.72 0.00 N |
| SENECA OSWGO___HYD 24041 | 33.94 -0.81 0.00 N | 35.31 -0.82 0.00 N | 31.24 -0.67 0.00 N | 31.31 -0.65 0.00 N | 32.19 -0.66 0.00 N | 36.82 -0.76 0.00 N | 37.61 -0.91 0.00 N | 35.56 -0.90 -1.07 N | 42.55 -1.07 -0.31 N | 40.64 -1.02 -0.47 N | 49.31 -1.24 -0.01 N | 47.34 -1.23 -0.14 N | 49.12 -1.30 0.00 N | 50.88 -1.35 0.00 N | 49.38 -1.33 0.00 N | 48.60 -1.32 0.00 N | 49.95 -1.29 0.00 N | 48.14 -1.32 -0.07 N | 43.48 -1.15 -0.42 N | 43.18 -1.11 -0.15 N | 41.56 -1.10 -0.15 N | 40.15 -1.05 -0.42 N | 43.99 -1.20 -0.13 N | 42.92 -1.00 0.00 N |
| SENECA___ENERGY 23797 | 35.99 1.23 0.00 N | 37.64 1.51 0.00 N | 33.15 1.24 0.00 N | 33.26 1.30 0.00 N | 33.99 1.15 0.00 N | 38.86 1.28 0.00 N | 40.12 1.59 0.00 N | 38.84 1.63 -1.83 N | 46.07 2.24 -0.52 N | 44.54 2.40 -0.96 N | 53.39 2.74 -0.12 N | 50.90 2.23 -0.24 N | 52.85 2.43 0.00 N | 54.72 2.49 0.00 N | 53.08 2.37 0.00 N | 52.28 2.36 0.00 N | 53.90 2.65 0.00 N | 51.94 2.42 -0.11 N | 46.97 2.04 -0.72 N | 46.35 1.94 -0.26 N | 44.71 1.95 -0.25 N | 43.30 1.80 -0.72 N | 47.15 1.86 -0.23 N | 45.62 1.71 0.00 N |
| SHOEMAKER___GT 23640 | 35.44 0.68 0.00 N | 36.79 0.66 0.00 N | 32.21 0.30 0.00 N | 32.14 0.18 0.00 N | 33.08 0.23 0.00 N | 38.05 0.47 0.00 N | 39.37 0.85 0.00 N | 50.15 1.29 -13.48 N | 48.74 1.57 -3.86 N | 48.78 1.47 -6.12 N | 52.32 1.69 -0.10 N | 52.00 1.80 -1.78 N | 52.44 2.02 0.00 N | 54.43 2.20 0.00 N | 52.73 2.02 0.00 N | 51.96 2.04 0.00 N | 53.42 2.17 0.00 N | 52.37 2.13 -0.84 N | 51.20 1.73 -5.26 N | 47.41 1.34 -1.93 N | 45.70 1.34 -1.86 N | 47.32 1.24 -5.31 N | 48.08 1.39 -1.63 N | 44.81 0.89 0.00 N |
| SHOREHAM_IC_1 23715 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.68 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.69 2.46 -12.72 N | 57.99 2.36 -14.86 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| SHOREHAM_IC_2 23716 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.68 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.69 2.46 -12.72 N | 57.99 2.36 -14.86 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| SISSONVILLE____ 23735 | 35.71 0.95 0.00 N | 37.06 0.92 0.00 N | 32.91 0.99 0.00 N | 33.08 1.12 0.00 N | 34.01 1.16 0.00 N | 38.85 1.27 0.00 N | 39.49 0.97 0.00 N | 35.42 0.13 0.08 N | 43.31 0.03 0.02 N | 41.25 0.10 0.03 N | 50.67 0.14 0.00 N | 48.34 -0.08 0.01 N | 50.07 -0.35 0.00 N | 51.73 -0.50 0.00 N | 50.64 -0.07 0.00 N | 50.17 0.26 0.00 N | 51.48 0.24 0.00 N | 49.51 0.12 0.01 N | 44.35 0.17 0.03 N | 44.68 0.55 0.01 N | 43.03 0.54 0.01 N | 41.26 0.52 0.03 N | 45.67 0.61 0.00 N | 45.26 1.35 0.00 N |
| SITHE_IND_GS1 24169 | 33.51 -1.25 0.00 N | 34.85 -1.28 0.00 N | 30.78 -1.14 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.18 0.00 N | 36.25 -1.33 0.00 N | 37.12 -1.40 0.00 N | 35.03 -1.27 -0.93 N | 42.04 -1.54 -0.27 N | 40.08 -1.50 -0.38 N | 48.70 -1.84 0.00 N | 46.83 -1.72 -0.12 N | 48.66 -1.76 0.00 N | 50.43 -1.80 0.00 N | 48.93 -1.78 0.00 N | 48.15 -1.77 0.00 N | 49.43 -1.81 0.00 N | 47.69 -1.76 -0.06 N | 43.02 -1.56 -0.36 N | 42.72 -1.55 -0.13 N | 41.10 -1.53 -0.13 N | 39.68 -1.46 -0.37 N | 43.54 -1.63 -0.10 N | 42.32 -1.60 0.00 N |

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| SITHE_IND_GS2 24170 | 33.51 -1.25 0.00 N | 34.85 -1.28 0.00 N | 30.78 -1.14 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.18 0.00 N | 36.25 -1.33 0.00 N | 37.12 -1.40 0.00 N | 35.03 -1.27 -0.93 N | 42.04 -1.54 -0.27 N | 40.08 -1.50 -0.38 N | 48.70 -1.84 0.00 N | 46.83 -1.72 -0.12 N | 48.66 -1.76 0.00 N | 50.43 -1.80 0.00 N | 48.93 -1.78 0.00 N | 48.15 -1.77 0.00 N | 49.43 -1.81 0.00 N | 47.69 -1.76 -0.06 N | 43.02 -1.56 -0.36 N | 42.72 -1.55 -0.13 N | 41.10 -1.53 -0.13 N | 39.68 -1.46 -0.37 N | 43.54 -1.63 -0.10 N | 42.32 -1.60 0.00 N |
| SITHE_IND_GS3 24171 | 33.51 -1.25 0.00 N | 34.85 -1.28 0.00 N | 30.78 -1.14 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.18 0.00 N | 36.25 -1.33 0.00 N | 37.12 -1.40 0.00 N | 35.03 -1.27 -0.93 N | 42.04 -1.54 -0.27 N | 40.08 -1.50 -0.38 N | 48.70 -1.84 0.00 N | 46.83 -1.72 -0.12 N | 48.66 -1.76 0.00 N | 50.43 -1.80 0.00 N | 48.93 -1.78 0.00 N | 48.15 -1.77 0.00 N | 49.43 -1.81 0.00 N | 47.69 -1.76 -0.06 N | 43.02 -1.56 -0.36 N | 42.72 -1.55 -0.13 N | 41.10 -1.53 -0.13 N | 39.68 -1.46 -0.37 N | 43.54 -1.63 -0.10 N | 42.32 -1.60 0.00 N |
| SITHE_IND_GS4 24172 | 33.51 -1.25 0.00 N | 34.85 -1.28 0.00 N | 30.78 -1.14 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.18 0.00 N | 36.25 -1.33 0.00 N | 37.12 -1.40 0.00 N | 35.03 -1.27 -0.93 N | 42.04 -1.54 -0.27 N | 40.08 -1.50 -0.38 N | 48.70 -1.84 0.00 N | 46.83 -1.72 -0.12 N | 48.66 -1.76 0.00 N | 50.43 -1.80 0.00 N | 48.93 -1.78 0.00 N | 48.15 -1.77 0.00 N | 49.43 -1.81 0.00 N | 47.69 -1.76 -0.06 N | 43.02 -1.56 -0.36 N | 42.72 -1.55 -0.13 N | 41.10 -1.53 -0.13 N | 39.68 -1.46 -0.37 N | 43.54 -1.63 -0.10 N | 42.32 -1.60 0.00 N |
| SITHE__BATAVIA 24024 | 33.14 -1.62 0.00 N | 34.31 -1.83 0.00 N | 30.24 -1.67 0.00 N | 30.22 -1.75 0.00 N | 31.07 -1.78 0.00 N | 35.65 -1.92 0.00 N | 36.37 -2.15 0.00 N | 35.45 -1.94 -2.02 N | 41.55 -2.34 -0.58 N | 39.02 -2.46 -0.29 N | 45.79 -3.07 1.67 N | 45.86 -2.75 -0.19 N | 47.72 -2.71 0.00 N | 49.60 -2.62 0.00 N | 48.05 -2.66 0.00 N | 47.21 -2.71 0.00 N | 48.40 -2.84 0.00 N | 46.78 -2.75 -0.13 N | 42.71 -2.29 -0.79 N | 42.35 -2.08 -0.29 N | 40.58 -2.20 -0.28 N | 39.42 -2.15 -0.79 N | 43.04 -2.26 -0.23 N | 41.63 -2.29 0.00 N |
| SITHE__INDEPEND 23800 | 33.51 -1.25 0.00 N | 34.85 -1.28 0.00 N | 30.78 -1.14 0.00 N | 30.81 -1.15 0.00 N | 31.67 -1.18 0.00 N | 36.25 -1.33 0.00 N | 37.12 -1.40 0.00 N | 35.03 -1.27 -0.93 N | 42.04 -1.54 -0.27 N | 40.08 -1.50 -0.38 N | 48.70 -1.84 0.00 N | 46.83 -1.72 -0.12 N | 48.66 -1.76 0.00 N | 50.43 -1.80 0.00 N | 48.93 -1.78 0.00 N | 48.15 -1.77 0.00 N | 49.43 -1.81 0.00 N | 47.69 -1.76 -0.06 N | 43.02 -1.56 -0.36 N | 42.72 -1.55 -0.13 N | 41.10 -1.53 -0.13 N | 39.68 -1.46 -0.37 N | 43.54 -1.63 -0.10 N | 42.32 -1.60 0.00 N |
| SITHE__MASSENA 23902 | 34.92 0.16 0.00 N | 36.23 0.09 0.00 N | 32.07 0.16 0.00 N | 32.17 0.21 0.00 N | 33.07 0.22 0.00 N | 37.83 0.25 0.00 N | 38.63 0.10 0.00 N | 34.88 -0.33 0.17 N | 42.85 -0.41 0.05 N | 40.74 -0.37 0.08 N | 50.12 -0.42 0.00 N | 47.96 -0.44 0.02 N | 49.87 -0.55 0.00 N | 51.68 -0.54 0.00 N | 50.31 -0.40 0.00 N | 49.58 -0.34 0.00 N | 50.86 -0.38 0.00 N | 48.98 -0.40 0.01 N | 43.83 -0.31 0.07 N | 44.06 -0.05 0.02 N | 42.40 -0.08 0.02 N | 40.64 -0.07 0.07 N | 45.04 0.01 0.03 N | 44.27 0.36 0.00 N |
| SITHE__OGDNSBRG 24021 | 36.36 1.60 0.00 N | 37.73 1.59 0.00 N | 33.57 1.66 0.00 N | 33.78 1.82 0.00 N | 34.73 1.89 0.00 N | 39.64 2.06 0.00 N | 40.18 1.65 0.00 N | 35.93 0.68 0.13 N | 44.10 0.83 0.04 N | 42.00 0.87 0.06 N | 51.71 1.17 0.00 N | 49.30 0.89 0.02 N | 51.09 0.67 0.00 N | 52.95 0.72 0.00 N | 51.62 0.91 0.00 N | 50.88 0.96 0.00 N | 52.19 0.94 0.00 N | 50.14 0.75 0.01 N | 44.93 0.77 0.05 N | 45.35 1.23 0.02 N | 43.67 1.18 0.02 N | 41.86 1.13 0.05 N | 46.36 1.30 0.00 N | 46.15 2.23 0.00 N |
| SITHE__STERLING 23777 | 35.38 0.63 0.00 N | 36.85 0.71 0.00 N | 32.65 0.74 0.00 N | 32.76 0.80 0.00 N | 33.67 0.83 0.00 N | 38.46 0.88 0.00 N | 39.23 0.70 0.00 N | 36.19 0.46 -0.35 N | 43.99 0.58 -0.10 N | 41.97 0.60 -0.18 N | 51.31 0.76 -0.02 N | 49.05 0.57 -0.05 N | 50.94 0.52 0.00 N | 52.74 0.51 0.00 N | 51.21 0.50 0.00 N | 50.43 0.51 0.00 N | 51.81 0.56 0.00 N | 49.85 0.43 -0.02 N | 44.77 0.42 -0.14 N | 44.69 0.50 -0.05 N | 43.05 0.50 -0.05 N | 41.39 0.48 -0.14 N | 45.55 0.46 -0.03 N | 44.74 0.83 0.00 N |
| SOUTH CAIRO__GT 23612 | 35.63 0.87 0.00 N | 37.05 0.91 0.00 N | 32.68 0.77 0.00 N | 32.73 0.77 0.00 N | 33.59 0.74 0.00 N | 38.37 0.79 0.00 N | 39.44 0.92 0.00 N | 53.04 1.11 -16.55 N | 49.48 1.43 -4.74 N | 50.13 1.44 -7.50 N | 52.49 1.84 -0.12 N | 52.45 1.84 -2.18 N | 52.42 2.00 0.00 N | 54.26 2.03 0.00 N | 52.73 2.02 0.00 N | 51.89 1.97 0.00 N | 53.26 2.02 0.00 N | 52.38 1.95 -1.03 N | 52.37 1.70 -6.46 N | 47.99 1.49 -2.37 N | 46.20 1.41 -2.28 N | 48.68 1.39 -6.52 N | 48.48 1.42 -1.99 N | 44.98 1.07 0.00 N |
| SOUTH HAMPTN__IC 23720 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| SOUTHOLD__IC 23719 | 48.50 2.72 -11.02 N | 122.83 3.26 -83.43 N | 70.91 2.28 -36.72 N | 41.13 2.03 -7.13 N | 60.99 2.23 -25.91 N | 60.91 2.73 -20.60 N | 61.15 3.12 -19.51 N | 60.37 3.13 -21.86 N | 62.80 3.70 -15.78 N | 78.23 3.51 -33.52 N | 75.67 3.59 -21.54 N | 72.55 3.94 -20.18 N | 75.39 4.06 -20.91 N | 65.80 3.19 -10.38 N | 78.51 3.30 -24.49 N | 81.44 3.44 -28.08 N | 62.75 3.33 -8.17 N | 58.03 3.05 -5.58 N | 58.67 2.40 -12.06 N | 56.96 2.02 -10.80 N | 57.68 2.46 -12.72 N | 57.98 2.36 -14.85 N | 60.89 2.56 -13.27 N | 56.03 2.96 -9.16 N |
| ST LAWRENCE____ 23600 | 34.50 -0.25 0.00 N | 35.79 -0.35 0.00 N | 31.64 -0.27 0.00 N | 31.71 -0.25 0.00 N | 32.59 -0.26 0.00 N | 37.31 -0.27 0.00 N | 38.17 -0.36 0.00 N | 34.57 -0.62 0.19 N | 42.50 -0.76 0.05 N | 40.38 -0.73 0.08 N | 49.67 -0.86 0.00 N | 47.59 -0.81 0.03 N | 49.54 -0.88 0.00 N | 51.36 -0.86 0.00 N | 49.95 -0.76 0.00 N | 49.19 -0.73 0.00 N | 50.47 -0.78 0.00 N | 48.64 -0.75 0.01 N | 43.51 -0.63 0.07 N | 43.68 -0.43 0.03 N | 42.03 -0.45 0.03 N | 40.28 -0.42 0.07 N | 44.66 -0.37 0.03 N | 43.74 -0.18 0.00 N |
| STATION 5_MISC_HYD 23604 | 34.79 0.03 0.00 N | 35.96 -0.17 0.00 N | 32.00 0.09 0.00 N | 32.14 0.18 0.00 N | 32.99 0.14 0.00 N | 37.60 0.02 0.00 N | 38.26 -0.26 0.00 N | 36.54 -0.59 -1.75 N | 43.51 -0.30 -0.50 N | 41.56 -0.19 -0.55 N | 48.96 -0.04 1.54 N | 48.36 -0.22 -0.15 N | 50.01 -0.41 0.00 N | 51.86 -0.37 0.00 N | 50.43 -0.28 0.00 N | 49.57 -0.35 0.00 N | 50.65 -0.60 0.00 N | 48.62 -0.88 -0.11 N | 44.37 -0.53 -0.68 N | 44.36 -0.04 -0.25 N | 42.62 -0.12 -0.24 N | 41.41 -0.05 -0.69 N | 44.92 -0.34 -0.20 N | 43.97 0.05 0.00 N |

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| STURGEON_POOL_HYD 23609 | 36.57 1.81 0.00 N | 38.03 1.90 0.00 N | 33.41 1.50 0.00 N | 33.36 1.40 0.00 N | 34.29 1.45 0.00 N | 39.37 1.79 0.00 N | 40.70 2.17 0.00 N | 53.01 2.46 -15.17 N | 50.62 2.96 -4.35 N | 50.86 2.79 -6.88 N | 54.03 3.39 -0.11 N | 53.72 3.29 -2.00 N | 53.90 3.47 0.00 N | 55.82 3.59 0.00 N | 53.85 3.14 0.00 N | 52.99 3.08 0.00 N | 54.44 3.20 0.00 N | 53.43 3.08 -0.94 N | 52.73 2.59 -5.93 N | 48.92 2.61 -2.17 N | 47.18 2.58 -2.09 N | 49.21 2.47 -5.97 N | 49.54 2.65 -1.83 N | 46.01 2.09 0.00 N |
| SYRACUSE___POWER 24017 | 33.98 -0.78 0.00 N | 35.36 -0.77 0.00 N | 31.26 -0.65 0.00 N | 31.31 -0.65 0.00 N | 32.18 -0.66 0.00 N | 36.83 -0.75 0.00 N | 37.62 -0.90 0.00 N | 35.70 -0.90 -1.22 N | 42.61 -1.06 -0.35 N | 40.74 -1.02 -0.57 N | 49.33 -1.24 -0.03 N | 47.39 -1.20 -0.16 N | 49.18 -1.24 0.00 N | 50.97 -1.26 0.00 N | 49.45 -1.26 0.00 N | 48.66 -1.26 0.00 N | 49.96 -1.29 0.00 N | 48.17 -1.30 -0.08 N | 43.54 -1.15 -0.47 N | 43.19 -1.13 -0.17 N | 41.55 -1.12 -0.17 N | 40.18 -1.07 -0.48 N | 43.97 -1.23 -0.14 N | 42.88 -1.03 0.00 N |
| Stony___Brook 24151 | 48.33 2.56 -11.02 N | 122.86 3.29 -83.43 N | 70.97 2.34 -36.72 N | 41.19 2.09 -7.13 N | 61.05 2.29 -25.91 N | 60.90 2.72 -20.60 N | 61.02 2.99 -19.51 N | 60.16 2.92 -21.86 N | 62.44 3.35 -15.78 N | 77.83 3.11 -33.52 N | 75.25 3.17 -21.54 N | 72.17 3.57 -20.18 N | 74.87 3.54 -20.91 N | 65.46 2.85 -10.38 N | 78.24 3.03 -24.49 N | 81.19 3.19 -28.08 N | 62.49 3.07 -8.17 N | 57.78 2.80 -5.58 N | 58.48 2.18 -12.09 N | 56.75 1.79 -10.82 N | 57.36 2.11 -12.75 N | 57.82 2.18 -14.87 N | 60.84 2.51 -13.27 N | 55.89 2.81 -9.16 N |
| UPPER HUDSON___HYD 24058 | 37.87 3.12 0.00 N | 39.26 3.12 0.00 N | 34.99 3.08 0.00 N | 35.37 3.41 0.00 N | 36.18 3.33 0.00 N | 40.92 3.35 0.00 N | 41.99 3.47 0.00 N | 57.84 3.01 -19.45 N | 52.52 3.64 -5.57 N | 53.88 3.89 -8.80 N | 55.57 4.90 -0.14 N | 55.35 4.35 -2.57 N | 54.60 4.18 0.00 N | 56.17 3.94 0.00 N | 54.75 4.04 0.00 N | 53.87 3.95 0.00 N | 55.26 4.02 0.00 N | 54.29 3.69 -1.21 N | 55.26 3.45 -7.59 N | 50.57 3.65 -2.78 N | 48.83 3.64 -2.68 N | 52.00 3.57 -7.66 N | 51.10 3.71 -2.32 N | 48.13 4.21 0.00 N |
| UPPER RAQUET___HYD 24056 | 35.71 0.95 0.00 N | 37.06 0.92 0.00 N | 32.91 0.99 0.00 N | 33.08 1.12 0.00 N | 34.01 1.16 0.00 N | 38.85 1.27 0.00 N | 39.49 0.97 0.00 N | 35.42 0.13 0.08 N | 43.31 0.03 0.02 N | 41.25 0.10 0.03 N | 50.67 0.14 0.00 N | 48.34 -0.08 0.01 N | 50.07 -0.35 0.00 N | 51.73 -0.50 0.00 N | 50.64 -0.07 0.00 N | 50.17 0.26 0.00 N | 51.48 0.24 0.00 N | 49.51 0.12 0.01 N | 44.35 0.17 0.03 N | 44.68 0.55 0.01 N | 43.03 0.54 0.01 N | 41.26 0.52 0.03 N | 45.67 0.61 0.00 N | 45.26 1.35 0.00 N |
| VISCHER___FERRY HYD 24020 | 37.64 2.88 0.00 N | 39.22 3.09 0.00 N | 35.02 3.11 0.00 N | 35.33 3.37 0.00 N | 36.17 3.33 0.00 N | 40.97 3.39 0.00 N | 41.86 3.33 0.00 N | 56.97 2.71 -18.89 N | 51.91 3.19 -5.41 N | 53.12 3.38 -8.55 N | 54.90 4.23 -0.13 N | 54.56 3.64 -2.49 N | 53.88 3.46 0.00 N | 55.47 3.24 0.00 N | 54.25 3.54 0.00 N | 53.43 3.51 0.00 N | 54.79 3.54 0.00 N | 53.96 3.38 -1.18 N | 54.78 3.19 -7.38 N | 50.31 3.47 -2.70 N | 48.67 3.56 -2.61 N | 51.64 3.43 -7.44 N | 50.99 3.67 -2.26 N | 47.97 4.05 0.00 N |
| WADING RIVER_1-3_GRP5 24038 | 48.53 2.75 -11.02 N | 122.86 3.29 -83.43 N | 70.94 2.30 -36.72 N | 41.15 2.06 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.77 -20.60 N | 61.19 3.16 -19.51 N | 60.41 3.17 -21.86 N | 62.85 3.75 -15.78 N | 78.27 3.56 -33.52 N | 75.74 3.67 -21.54 N | 72.62 4.01 -20.18 N | 75.48 4.16 -20.91 N | 65.94 3.33 -10.38 N | 78.64 3.44 -24.49 N | 81.58 3.58 -28.08 N | 62.88 3.47 -8.17 N | 58.17 3.19 -5.58 N | 58.78 2.53 -12.04 N | 57.06 2.13 -10.79 N | 57.77 2.56 -12.70 N | 58.07 2.45 -14.84 N | 60.98 2.65 -13.27 N | 56.09 3.02 -9.16 N |
| WADING RIVER_IC_1 23522 | 48.53 2.75 -11.02 N | 122.86 3.29 -83.43 N | 70.94 2.30 -36.72 N | 41.15 2.06 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.77 -20.60 N | 61.19 3.16 -19.51 N | 60.41 3.17 -21.86 N | 62.85 3.75 -15.78 N | 78.27 3.56 -33.52 N | 75.74 3.67 -21.54 N | 72.62 4.01 -20.18 N | 75.48 4.16 -20.91 N | 65.94 3.33 -10.38 N | 78.64 3.44 -24.49 N | 81.58 3.58 -28.08 N | 62.88 3.47 -8.17 N | 58.17 3.19 -5.58 N | 58.78 2.53 -12.04 N | 57.06 2.13 -10.79 N | 57.77 2.56 -12.70 N | 58.07 2.45 -14.84 N | 60.98 2.65 -13.27 N | 56.09 3.02 -9.16 N |
| WADING RIVER_IC_2 23547 | 48.53 2.75 -11.02 N | 122.86 3.29 -83.43 N | 70.94 2.30 -36.72 N | 41.15 2.06 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.77 -20.60 N | 61.19 3.16 -19.51 N | 60.41 3.17 -21.86 N | 62.85 3.75 -15.78 N | 78.27 3.56 -33.52 N | 75.74 3.67 -21.54 N | 72.62 4.01 -20.18 N | 75.48 4.16 -20.91 N | 65.94 3.33 -10.38 N | 78.64 3.44 -24.49 N | 81.58 3.58 -28.08 N | 62.88 3.47 -8.17 N | 58.17 3.19 -5.58 N | 58.78 2.53 -12.04 N | 57.06 2.13 -10.79 N | 57.77 2.56 -12.70 N | 58.07 2.45 -14.84 N | 60.98 2.65 -13.27 N | 56.09 3.02 -9.16 N |
| WADING RIVER_IC_3 23601 | 48.53 2.76 -11.02 N | 122.85 3.29 -83.43 N | 70.94 2.30 -36.72 N | 41.15 2.06 -7.13 N | 61.01 2.26 -25.91 N | 60.94 2.77 -20.60 N | 61.19 3.16 -19.51 N | 60.42 3.18 -21.86 N | 62.86 3.76 -15.78 N | 78.28 3.56 -33.52 N | 75.75 3.68 -21.54 N | 72.63 4.02 -20.18 N | 75.49 4.17 -20.91 N | 65.96 3.35 -10.38 N | 78.66 3.46 -24.49 N | 81.59 3.59 -28.08 N | 62.90 3.48 -8.17 N | 58.18 3.20 -5.58 N | 58.79 2.54 -12.04 N | 57.08 2.15 -10.79 N | 57.78 2.57 -12.70 N | 58.08 2.46 -14.84 N | 60.99 2.66 -13.27 N | 56.09 3.02 -9.16 N |
| WALDEN___HYDRO 24148 | 36.15 1.40 0.00 N | 37.63 1.49 0.00 N | 33.02 1.11 0.00 N | 32.96 1.00 0.00 N | 33.90 1.05 0.00 N | 38.99 1.41 0.00 N | 40.34 1.82 0.00 N | 51.95 2.13 -14.44 N | 49.94 2.49 -4.14 N | 50.02 2.28 -6.55 N | 53.37 2.74 -0.10 N | 53.02 2.68 -1.90 N | 53.28 2.86 0.00 N | 55.22 2.99 0.00 N | 53.51 2.80 0.00 N | 52.70 2.78 0.00 N | 54.17 2.93 0.00 N | 53.13 2.83 -0.90 N | 52.18 2.33 -5.64 N | 48.25 2.04 -2.06 N | 46.54 2.05 -1.99 N | 48.39 1.94 -5.68 N | 48.90 2.10 -1.73 N | 45.49 1.57 0.00 N |
| WATERSIDE___6 8 9 23538 | 77.41 2.82 -39.84 N | 79.57 2.85 -40.59 N | 72.79 2.02 -38.86 N | 72.57 1.88 -38.72 N | 72.19 2.04 -37.30 N | 58.88 2.70 -18.60 N | 58.61 3.24 -16.84 N | 65.39 3.55 -26.46 N | 56.31 4.42 -8.59 N | 54.89 4.13 -9.57 N | 55.88 5.01 -0.33 N | 55.50 4.89 -2.19 N | 55.62 5.20 0.00 N | 57.65 5.43 0.00 N | 55.89 5.08 -0.10 N | 59.85 5.02 -4.92 N | 68.42 5.17 -12.00 N | 63.30 4.91 -9.00 N | 53.90 3.91 -5.77 N | 54.93 3.39 -7.39 N | 65.26 3.43 -19.33 N | 50.06 3.35 -5.94 N | 51.04 3.81 -2.17 N | 47.06 3.15 0.00 N |
| WEST BABYLON___IC 23714 | 49.06 3.28 -11.02 N | 122.91 3.34 -83.43 N | 71.04 2.40 -36.72 N | 41.31 2.21 -7.13 N | 61.11 2.36 -25.91 N | 61.19 3.01 -20.60 N | 61.50 3.47 -19.51 N | 61.06 3.81 -21.86 N | 63.86 4.76 -15.78 N | 79.10 4.39 -33.52 N | 77.18 5.11 -21.54 N | 73.67 5.06 -20.18 N | 76.71 5.38 -20.91 N | 68.25 5.64 -10.38 N | 80.67 5.46 -24.49 N | 83.25 5.25 -28.08 N | 64.77 5.35 -8.17 N | 60.32 5.34 -5.58 N | 62.19 4.38 -13.60 N | 59.85 3.83 -11.88 N | 60.33 3.78 -14.05 N | 60.09 3.62 -15.70 N | 62.51 4.18 -13.27 N | 56.88 3.81 -9.16 N |

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