

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

Generator Data

01/11/2005

| Name PTID | 00:00 EST | 01:00 EST | 02:00 EST | 03:00 EST | 04:00 EST | 05:00 EST | 06:00 EST | 07:00 EST | 08:00 EST | 09:00 EST | 10:00 EST | 11:00 EST | 12:00 EST | 13:00 EST | 14:00 EST | 15:00 EST | 16:00 EST | 17:00 EST | 18:00 EST | 19:00 EST | 20:00 EST | 21:00 EST | 22:00 EST | 23:00 EST |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 59TH STREET_GT_1 24138 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| 74TH STREET_GT_1 24260 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| 74TH STREET_GT_2 24261 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| ADK HUDSON___FALLS 24011 | 61.08 5.06 0.00 N | 50.47 4.12 0.00 N | 46.24 3.78 0.00 N | 51.22 4.65 0.00 N | 93.42 9.00 0.00 N | 103.77 9.01 0.00 N | 135.75 11.25 0.00 N | 77.91 6.34 0.00 N | 66.95 5.35 0.00 N | 69.21 6.06 0.00 N | 54.16 4.44 0.00 N | 48.81 3.42 0.00 N | 51.86 4.27 0.00 N | 49.27 4.01 0.00 N | 54.67 4.46 0.00 N | 68.45 5.75 0.00 N | 86.19 6.86 0.00 N | 102.34 7.38 0.00 N | 73.74 5.32 0.00 N | 77.24 5.89 0.00 N | 61.87 5.23 0.00 N | 66.14 6.04 0.00 N | 37.31 3.58 0.00 N | 43.45 4.08 0.00 N |
| ADK RESOURCE___RCVRY 23798 | 61.08 5.06 0.00 N | 50.47 4.12 0.00 N | 46.24 3.78 0.00 N | 51.22 4.65 0.00 N | 93.42 9.00 0.00 N | 103.77 9.01 0.00 N | 135.75 11.25 0.00 N | 77.91 6.34 0.00 N | 66.95 5.35 0.00 N | 69.21 6.06 0.00 N | 54.16 4.44 0.00 N | 48.81 3.42 0.00 N | 51.86 4.27 0.00 N | 49.27 4.01 0.00 N | 54.67 4.46 0.00 N | 68.45 5.75 0.00 N | 86.19 6.86 0.00 N | 102.34 7.38 0.00 N | 73.74 5.32 0.00 N | 77.24 5.89 0.00 N | 61.87 5.23 0.00 N | 66.14 6.04 0.00 N | 37.31 3.58 0.00 N | 43.45 4.08 0.00 N |
| ADK S GLENS___FALLS 24028 | 61.08 5.06 0.00 N | 50.47 4.12 0.00 N | 46.24 3.78 0.00 N | 51.22 4.65 0.00 N | 93.42 9.00 0.00 N | 103.77 9.01 0.00 N | 135.75 11.25 0.00 N | 77.91 6.34 0.00 N | 66.95 5.35 0.00 N | 69.21 6.06 0.00 N | 54.16 4.44 0.00 N | 48.81 3.42 0.00 N | 51.86 4.27 0.00 N | 49.27 4.01 0.00 N | 54.67 4.46 0.00 N | 68.45 5.75 0.00 N | 86.19 6.86 0.00 N | 102.34 7.38 0.00 N | 73.74 5.32 0.00 N | 77.24 5.89 0.00 N | 61.87 5.23 0.00 N | 66.14 6.04 0.00 N | 37.31 3.58 0.00 N | 43.45 4.08 0.00 N |
| ADK_NYS___DAM 23527 | 60.69 4.66 0.00 N | 50.04 3.68 0.00 N | 45.84 3.38 0.00 N | 50.79 4.22 0.00 N | 92.54 8.11 0.00 N | 102.96 8.20 0.00 N | 133.79 9.29 0.00 N | 76.66 5.09 0.00 N | 65.98 4.39 0.00 N | 68.15 5.01 0.00 N | 53.34 3.61 0.00 N | 48.16 2.76 0.00 N | 51.11 3.52 0.00 N | 48.52 3.26 0.00 N | 53.81 3.60 0.00 N | 67.37 4.67 0.00 N | 84.61 5.28 0.00 N | 99.97 5.02 0.00 N | 71.92 3.50 0.00 N | 75.39 4.04 0.00 N | 60.48 3.83 0.00 N | 64.85 4.75 0.00 N | 36.83 3.09 0.00 N | 43.15 3.78 0.00 N |
| AIR_PRODUCTS___DRP 24190 | 60.61 4.58 0.00 N | 50.09 3.73 0.00 N | 45.90 3.44 0.00 N | 50.64 4.07 0.00 N | 92.14 7.72 0.00 N | 102.35 7.59 0.00 N | 132.74 8.24 0.00 N | 76.34 4.78 0.00 N | 65.94 4.34 0.00 N | 67.78 4.64 0.00 N | 52.96 3.24 0.00 N | 48.15 2.75 0.00 N | 51.12 3.53 0.00 N | 48.57 3.31 0.00 N | 53.89 3.68 0.00 N | 67.19 4.48 0.00 N | 83.89 4.56 0.00 N | 99.53 4.58 0.00 N | 71.51 3.09 0.00 N | 74.82 3.47 0.00 N | 59.98 3.34 0.00 N | 64.43 4.33 0.00 N | 36.61 2.87 0.00 N | 42.84 3.47 0.00 N |
| ALBANY___1 23571 | 60.67 4.65 0.00 N | 50.14 3.79 0.00 N | 45.95 3.49 0.00 N | 50.69 4.12 0.00 N | 92.25 7.83 0.00 N | 102.46 7.70 0.00 N | 132.90 8.40 0.00 N | 76.42 4.86 0.00 N | 66.01 4.41 0.00 N | 67.86 4.72 0.00 N | 53.02 3.30 0.00 N | 48.19 2.80 0.00 N | 51.17 3.58 0.00 N | 48.61 3.35 0.00 N | 53.93 3.73 0.00 N | 67.25 4.54 0.00 N | 83.98 4.65 0.00 N | 99.63 4.67 0.00 N | 71.58 3.16 0.00 N | 74.89 3.55 0.00 N | 60.04 3.39 0.00 N | 64.49 4.39 0.00 N | 36.63 2.90 0.00 N | 42.88 3.51 0.00 N |
| ALBANY___2 23572 | 60.67 4.65 0.00 N | 50.14 3.79 0.00 N | 45.95 3.49 0.00 N | 50.69 4.12 0.00 N | 92.25 7.83 0.00 N | 102.46 7.70 0.00 N | 132.90 8.40 0.00 N | 76.42 4.86 0.00 N | 66.01 4.41 0.00 N | 67.86 4.72 0.00 N | 53.02 3.30 0.00 N | 48.19 2.80 0.00 N | 51.17 3.58 0.00 N | 48.61 3.35 0.00 N | 53.93 3.73 0.00 N | 67.25 4.54 0.00 N | 83.98 4.65 0.00 N | 99.63 4.67 0.00 N | 71.58 3.16 0.00 N | 74.89 3.55 0.00 N | 60.04 3.39 0.00 N | 64.49 4.39 0.00 N | 36.63 2.90 0.00 N | 42.88 3.51 0.00 N |

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| ALBANY___3 23573 | 60.67 4.65 0.00 N | 50.14 3.79 0.00 N | 45.95 3.49 0.00 N | 50.69 4.12 0.00 N | 92.25 7.83 0.00 N | 102.46 7.70 0.00 N | 132.90 8.40 0.00 N | 76.42 4.86 0.00 N | 66.01 4.41 0.00 N | 67.86 4.72 0.00 N | 53.02 3.30 0.00 N | 48.19 2.80 0.00 N | 51.17 3.58 0.00 N | 48.61 3.35 0.00 N | 53.93 3.73 0.00 N | 67.25 4.54 0.00 N | 83.98 4.65 0.00 N | 99.63 4.67 0.00 N | 71.58 3.16 0.00 N | 74.89 3.55 0.00 N | 60.04 3.39 0.00 N | 64.49 4.39 0.00 N | 36.63 2.90 0.00 N | 42.88 3.51 0.00 N |
| ALBANY___4 23574 | 60.67 4.65 0.00 N | 50.14 3.79 0.00 N | 45.95 3.49 0.00 N | 50.69 4.12 0.00 N | 92.25 7.83 0.00 N | 102.46 7.70 0.00 N | 132.90 8.40 0.00 N | 76.42 4.86 0.00 N | 66.01 4.41 0.00 N | 67.86 4.72 0.00 N | 53.02 3.30 0.00 N | 48.19 2.80 0.00 N | 51.17 3.58 0.00 N | 48.61 3.35 0.00 N | 53.93 3.73 0.00 N | 67.25 4.54 0.00 N | 83.98 4.65 0.00 N | 99.63 4.67 0.00 N | 71.58 3.16 0.00 N | 74.89 3.55 0.00 N | 60.04 3.39 0.00 N | 64.49 4.39 0.00 N | 36.63 2.90 0.00 N | 42.88 3.51 0.00 N |
| ALCOA_RYNLDS___DRP 24188 | 56.01 -0.02 0.00 N | 46.37 0.01 0.00 N | 42.46 0.00 0.00 N | 46.65 0.08 0.00 N | 84.45 0.03 0.00 N | 94.78 0.02 0.00 N | 124.48 -0.02 0.00 N | 71.69 0.13 0.00 N | 61.44 -0.16 0.00 N | 62.78 -0.37 0.00 N | 49.33 -0.40 0.00 N | 45.04 -0.35 0.00 N | 47.43 -0.16 0.00 N | 45.01 -0.25 0.00 N | 50.06 -0.14 0.00 N | 62.36 -0.35 0.00 N | 78.14 -1.19 0.00 N | 93.57 -1.39 0.00 N | 67.50 -0.92 0.00 N | 70.38 -0.96 0.00 N | 56.20 -0.44 0.00 N | 60.09 -0.01 0.00 N | 33.71 -0.02 0.00 N | 39.34 -0.03 0.00 N |
| ALLEGHENY___COGEN 23514 | 57.64 1.61 0.00 N | 47.63 1.27 0.00 N | 43.64 1.17 0.00 N | 47.99 1.42 0.00 N | 86.55 2.13 0.00 N | 97.29 2.53 0.00 N | 128.83 4.33 0.00 N | 74.65 3.09 0.00 N | 64.23 2.63 0.00 N | 65.42 2.28 0.00 N | 51.29 1.57 0.00 N | 46.85 1.45 0.00 N | 49.62 2.03 0.00 N | 47.07 1.81 0.00 N | 52.28 2.08 0.00 N | 64.78 2.08 0.00 N | 81.21 1.88 0.00 N | 97.43 2.48 0.00 N | 70.40 1.98 0.00 N | 73.26 1.92 0.00 N | 58.28 1.63 0.00 N | 62.05 1.95 0.00 N | 34.84 1.10 0.00 N | 40.70 1.33 0.00 N |
| AMERICAN_REF_FUEL 24010 | 51.49 -4.54 0.00 N | 42.98 -3.38 0.00 N | 39.52 -2.94 0.00 N | 43.20 -3.37 0.00 N | 77.50 -6.92 0.00 N | 87.46 -7.30 0.00 N | 117.57 -6.93 0.00 N | 67.99 -3.58 0.00 N | 57.88 -3.72 0.00 N | 58.89 -4.25 0.00 N | 46.80 -2.92 0.00 N | 42.78 -2.62 0.00 N | 44.47 -3.12 0.00 N | 42.10 -3.15 0.00 N | 46.83 -3.38 0.00 N | 58.41 -4.29 0.00 N | 74.53 -4.79 0.00 N | 90.12 -4.84 0.00 N | 65.57 -2.85 0.00 N | 67.95 -3.40 0.00 N | 53.48 -3.16 0.00 N | 55.99 -4.11 0.00 N | 31.16 -2.58 0.00 N | 36.58 -2.79 0.00 N |
| AMERICAN___BRASS 23903 | 51.49 -4.54 0.00 N | 42.98 -3.38 0.00 N | 39.52 -2.94 0.00 N | 43.20 -3.37 0.00 N | 77.50 -6.92 0.00 N | 87.46 -7.30 0.00 N | 117.57 -6.93 0.00 N | 67.99 -3.58 0.00 N | 57.88 -3.72 0.00 N | 58.89 -4.25 0.00 N | 46.80 -2.92 0.00 N | 42.78 -2.62 0.00 N | 44.47 -3.12 0.00 N | 42.10 -3.15 0.00 N | 46.83 -3.38 0.00 N | 58.41 -4.29 0.00 N | 74.53 -4.79 0.00 N | 90.12 -4.84 0.00 N | 65.57 -2.85 0.00 N | 67.95 -3.40 0.00 N | 53.48 -3.16 0.00 N | 55.99 -4.11 0.00 N | 31.16 -2.58 0.00 N | 36.58 -2.79 0.00 N |
| ARTHUR_KILL_GT_1 23520 | 59.82 3.80 0.00 N | 49.31 2.95 0.00 N | 44.95 2.48 0.00 N | 49.04 2.47 0.00 N | 88.92 4.50 0.00 N | 100.12 5.36 0.00 N | 131.16 6.66 0.00 N | 75.40 3.84 0.00 N | 65.96 4.36 0.00 N | 68.49 5.34 0.00 N | 54.19 4.47 0.00 N | 49.58 4.18 0.00 N | 51.57 3.98 0.00 N | 49.29 4.03 0.00 N | 54.40 4.20 0.00 N | 68.27 5.56 0.00 N | 87.55 8.23 0.00 N | 104.77 9.81 0.00 N | 74.96 6.54 0.00 N | 78.02 6.68 0.00 N | 61.55 4.91 0.00 N | 64.74 4.64 0.00 N | 35.98 2.25 0.00 N | 41.90 2.53 0.00 N |
| ARTHUR_KILL_2 23512 | 59.82 3.80 0.00 N | 49.31 2.95 0.00 N | 44.95 2.48 0.00 N | 49.04 2.47 0.00 N | 88.92 4.50 0.00 N | 100.12 5.36 0.00 N | 131.16 6.66 0.00 N | 75.40 3.84 0.00 N | 65.96 4.36 0.00 N | 68.49 5.34 0.00 N | 54.19 4.47 0.00 N | 49.58 4.18 0.00 N | 51.57 3.98 0.00 N | 49.29 4.03 0.00 N | 54.40 4.20 0.00 N | 68.27 5.56 0.00 N | 87.55 8.23 0.00 N | 104.77 9.81 0.00 N | 74.96 6.54 0.00 N | 78.02 6.68 0.00 N | 61.55 4.91 0.00 N | 64.74 4.64 0.00 N | 35.98 2.25 0.00 N | 41.90 2.53 0.00 N |
| ARTHUR_KILL_3 23513 | 59.78 3.76 0.00 N | 49.28 2.93 0.00 N | 44.92 2.46 0.00 N | 49.01 2.44 0.00 N | 88.88 4.46 0.00 N | 100.32 5.56 0.00 N | 131.60 7.10 0.00 N | 75.61 4.05 0.00 N | 65.97 4.37 0.00 N | 68.34 5.20 0.00 N | 54.07 4.35 0.00 N | 49.47 4.07 0.00 N | 51.45 3.86 0.00 N | 49.18 3.93 0.00 N | 54.28 4.08 0.00 N | 68.14 5.44 0.00 N | 87.43 8.11 0.00 N | 104.76 9.80 0.00 N | 74.98 6.56 0.00 N | 77.90 6.55 0.00 N | 61.42 4.77 0.00 N | 64.62 4.52 0.00 N | 35.94 2.20 0.00 N | 41.85 2.48 0.00 N |
| ASHOKAN____ 23654 | 58.69 2.67 0.00 N | 48.52 2.17 0.00 N | 44.43 1.97 0.00 N | 48.66 2.09 0.00 N | 88.34 3.92 0.00 N | 99.21 4.45 0.00 N | 130.32 5.82 0.00 N | 74.73 3.17 0.00 N | 64.52 2.92 0.00 N | 66.47 3.33 0.00 N | 52.44 2.72 0.00 N | 47.82 2.42 0.00 N | 49.89 2.30 0.00 N | 47.54 2.28 0.00 N | 52.65 2.45 0.00 N | 65.94 3.24 0.00 N | 84.24 4.92 0.00 N | 100.97 6.01 0.00 N | 72.64 4.22 0.00 N | 75.73 4.38 0.00 N | 59.90 3.25 0.00 N | 63.17 3.07 0.00 N | 35.34 1.60 0.00 N | 41.24 1.88 0.00 N |
| ASTORIA 5-9 ____ 23662 | 61.50 5.47 0.00 N | 50.65 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.25 6.83 0.00 N | 103.20 8.44 0.00 N | 135.60 11.10 0.00 N | 77.63 6.07 0.00 N | 90.40 6.76 0.00 N | 136.09 7.94 0.00 N | 79.45 6.60 0.00 N | 72.14 6.24 0.00 N | 79.99 6.26 0.00 N | 138.94 6.32 0.00 N | 109.74 6.71 0.00 N | 127.24 8.73 0.00 N | 111.02 12.27 0.00 N | 108.95 13.99 0.00 N | 137.13 9.40 0.00 N | 142.34 9.23 0.00 N | 69.39 6.75 0.00 N | 73.93 6.91 0.00 N | 74.25 3.57 0.00 N | 63.83 3.95 0.00 N |
| ASTORIA GT2____ 23536 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 0.00 N | 136.09 7.94 0.00 N | 79.45 6.60 0.00 N | 72.14 6.24 0.00 N | 79.99 6.26 0.00 N | 138.94 6.32 0.00 N | 109.74 6.71 0.00 N | 127.23 8.73 0.00 N | 110.99 12.23 0.00 N | 108.68 13.72 0.00 N | 136.89 9.16 0.00 N | 142.07 8.96 0.00 N | 69.17 6.54 0.00 N | 73.83 6.80 0.00 N | 74.25 3.57 0.00 N | 63.83 3.95 0.00 N |
| ASTORIA GT3____ 23731 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 0.00 N | 136.09 7.94 0.00 N | 79.45 6.60 0.00 N | 72.14 6.24 0.00 N | 79.99 6.26 0.00 N | 138.94 6.32 0.00 N | 109.74 6.71 0.00 N | 127.23 8.73 0.00 N | 110.99 12.23 0.00 N | 108.68 13.72 0.00 N | 136.89 9.16 0.00 N | 142.07 8.96 0.00 N | 69.17 6.54 0.00 N | 73.83 6.80 0.00 N | 74.25 3.57 0.00 N | 63.83 3.95 0.00 N |

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| ASTORIA_GT4_23727 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT2_124094 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT2_224095 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT2_324096 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT2_424097 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT3_124098 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT3_224099 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT3_324100 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT3_424101 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT4_124102 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT4_224103 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT4_324104 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT4_424105 | 61.50 5.47 0.00 N | 50.64 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.24 6.82 0.00 N | 103.19 8.43 0.00 N | 135.54 11.04 0.00 N | 77.37 5.80 0.00 N | 90.32 6.67 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.23 8.73 -55.81 N | 110.99 12.23 -19.43 N | 108.68 13.72 0.00 N | 136.89 9.16 -59.31 N | 142.07 8.96 -61.76 N | 69.17 6.54 -5.99 N | 73.83 6.80 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |

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|------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|------------------------------|----------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|
| ASTORIA_GT_1 23523 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ASTORIA_GT_10 24110 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ASTORIA_GT_11 24225 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ASTORIA_GT_12 24226 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ASTORIA_GT_13 24227 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ASTORIA_GT_5 24106 | 61.50 5.47 0.00 N | 50.65 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.25 6.83 0.00 N | 103.20 8.44 0.00 N | 135.60 11.10 0.00 N | 77.63 6.07 0.00 N | 90.40 6.76 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.24 8.73 -55.81 N | 111.02 12.27 -19.43 N | 108.95 13.99 0.00 N | 137.13 9.40 -59.31 N | 142.34 9.23 -61.76 N | 69.39 6.75 -5.99 N | 73.93 6.91 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT_7 24107 | 61.50 5.47 0.00 N | 50.65 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.25 6.83 0.00 N | 103.20 8.44 0.00 N | 135.60 11.10 0.00 N | 77.63 6.07 0.00 N | 90.40 6.76 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.24 8.73 -55.81 N | 111.02 12.27 -19.43 N | 108.95 13.99 0.00 N | 137.13 9.40 -59.31 N | 142.34 9.23 -61.76 N | 69.39 6.75 -5.99 N | 73.93 6.91 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT_8 24108 | 61.50 5.47 0.00 N | 50.65 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.25 6.83 0.00 N | 103.20 8.44 0.00 N | 135.60 11.10 0.00 N | 77.63 6.07 0.00 N | 90.40 6.76 -22.04 N | 136.09 7.94 -65.01 N | 79.45 6.60 -23.12 N | 72.14 6.24 -20.50 N | 79.99 6.26 -26.14 N | 138.94 6.32 -87.36 N | 109.74 6.71 -52.82 N | 127.24 8.73 -55.81 N | 111.02 12.27 -19.43 N | 108.95 13.99 0.00 N | 137.13 9.40 -59.31 N | 142.34 9.23 -61.76 N | 69.39 6.75 -5.99 N | 73.93 6.91 -6.92 N | 74.25 3.57 -36.95 N | 63.83 3.95 -20.51 N |
| ASTORIA_GT_9 24109 | 61.50 5.47 0.00 N | 50.65 4.29 0.00 N | 46.13 3.67 0.00 N | 50.29 3.72 0.00 N | 91.25 6.83 0.00 N | 103.20 8.44 0.00 N | 135.60 11.10 0.00 N | 77.63 6.07 0.00 N | 68.35 6.76 0.00 N | 71.09 7.94 0.00 N | 56.33 6.60 0.00 N | 51.63 6.24 0.00 N | 53.85 6.26 0.00 N | 51.58 6.32 0.00 N | 56.92 6.71 0.00 N | 71.43 8.73 0.00 N | 91.59 12.27 0.00 N | 108.95 13.99 0.00 N | 77.82 9.40 0.00 N | 80.58 9.23 0.00 N | 63.40 6.75 0.00 N | 67.01 6.91 0.00 N | 37.30 3.57 0.00 N | 43.32 3.95 0.00 N |
| ASTORIA___2 24149 | 61.74 5.71 0.00 N | 50.84 4.48 0.00 N | 46.30 3.84 0.00 N | 50.48 3.91 0.00 N | 91.59 7.17 0.00 N | 103.59 8.83 0.00 N | 136.23 11.73 0.00 N | 77.99 6.43 0.00 N | 90.76 7.11 -22.04 N | 136.49 8.34 -65.01 N | 79.76 6.92 -23.12 N | 72.43 6.33 -20.50 N | 80.30 6.57 -26.14 N | 139.24 6.62 -87.36 N | 110.08 7.05 -52.82 N | 127.66 9.15 -55.81 N | 111.56 12.81 -19.43 N | 109.54 14.58 0.00 N | 137.54 9.81 -59.31 N | 142.75 9.64 -61.76 N | 69.70 7.07 -5.99 N | 74.26 7.24 -6.92 N | 74.41 3.73 -36.95 N | 64.08 4.20 -20.51 N |
| ASTORIA___3 23516 | 60.28 4.26 0.00 N | 51.19 3.36 -1.47 N | 51.09 2.86 -5.77 N | 63.80 2.87 -14.36 N | 90.72 5.21 -1.09 N | 101.05 6.29 0.00 N | 132.44 7.94 0.00 N | 75.98 4.41 0.00 N | 88.60 4.81 -22.19 N | 133.77 5.62 -65.01 N | 77.52 4.68 -23.12 N | 70.31 4.41 -20.50 N | 78.01 4.28 -26.14 N | 136.97 4.35 -87.36 N | 107.57 4.54 -52.82 N | 124.47 5.96 -55.81 N | 107.52 8.77 -19.43 N | 105.36 10.40 0.00 N | 134.67 6.94 -59.31 N | 139.97 6.86 -61.76 N | 67.69 5.06 -5.99 N | 72.02 5.00 -6.92 N | 73.17 2.49 -36.95 N | 62.77 2.89 -20.51 N |
| ASTORIA___4 23517 | 61.27 5.25 0.00 N | 51.94 4.11 -1.47 N | 51.74 3.51 -5.77 N | 64.49 3.56 -14.36 N | 92.04 6.53 -1.09 N | 102.82 8.06 0.00 N | 135.07 10.57 0.00 N | 77.36 5.79 0.00 N | 90.22 6.44 -22.19 N | 135.73 7.58 -65.01 N | 79.15 6.31 -23.12 N | 71.86 5.96 -20.50 N | 79.68 5.95 -26.14 N | 138.63 6.01 -87.36 N | 109.40 6.37 -52.82 N | 126.82 8.31 -55.81 N | 110.48 11.73 -19.43 N | 108.39 13.43 0.00 N | 136.75 9.02 -59.31 N | 141.97 8.87 -61.76 N | 69.12 6.48 -5.99 N | 73.61 6.58 -6.92 N | 74.05 3.36 -36.95 N | 63.68 3.80 -20.51 N |
| ASTORIA___5 23518 | 60.26 4.24 0.00 N | 49.70 3.34 0.00 N | 45.31 2.85 0.00 N | 49.42 2.85 0.00 N | 89.59 5.17 0.00 N | 100.95 6.19 0.00 N | 132.32 7.82 0.00 N | 75.89 4.33 0.00 N | 88.35 4.71 -22.04 N | 133.64 5.49 -65.01 N | 77.43 4.59 -23.12 N | 70.24 4.34 -20.50 N | 77.93 4.20 -26.14 N | 136.91 4.29 -87.36 N | 107.51 4.48 -52.82 N | 124.40 5.89 -55.81 N | 107.43 8.68 -19.43 N | 105.23 10.27 0.00 N | 134.59 6.86 -59.31 N | 139.91 6.80 -61.76 N | 67.72 5.09 -5.99 N | 72.02 4.99 -6.92 N | 73.12 2.44 -36.95 N | 62.60 2.73 -20.51 N |

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| ASTRIA 10-13____ 23663 | 60.36 4.34 0.00 N | 51.26 3.43 -1.47 N | 51.15 2.92 -5.77 N | 63.86 2.93 -14.36 N | 90.85 5.33 -1.09 N | 101.27 6.51 0.00 N | 132.81 8.31 0.00 N | 76.22 4.66 0.00 N | 88.84 5.06 -22.19 N | 134.06 5.91 -65.01 N | 77.77 4.93 -23.12 N | 70.55 4.65 -20.50 N | 78.25 4.52 -26.14 N | 137.22 4.60 -87.36 N | 107.85 4.82 -52.82 N | 124.83 6.32 -55.81 N | 107.98 9.22 -19.43 N | 105.90 10.94 0.00 N | 135.05 7.32 -59.31 N | 140.36 7.25 -61.76 N | 67.98 5.34 -5.99 N | 72.25 5.23 -6.92 N | 73.26 2.57 -36.95 N | 62.83 2.95 -20.51 N |
| ATHENS_STG_1 23668 | 60.63 4.61 0.00 N | 50.11 3.75 0.00 N | 45.90 3.44 0.00 N | 50.56 3.99 0.00 N | 91.98 7.56 0.00 N | 102.16 7.40 0.00 N | 132.28 7.78 0.00 N | 76.01 4.45 0.00 N | 65.82 4.22 0.00 N | 67.72 4.58 0.00 N | 52.90 3.18 0.00 N | 48.13 2.73 0.00 N | 51.01 3.42 0.00 N | 48.47 3.21 0.00 N | 53.74 3.53 0.00 N | 66.99 4.29 0.00 N | 83.61 4.29 0.00 N | 99.07 4.12 0.00 N | 71.05 2.63 0.00 N | 74.31 2.97 0.00 N | 59.60 2.96 0.00 N | 64.03 3.93 0.00 N | 36.39 2.66 0.00 N | 42.78 3.41 0.00 N |
| ATHENS_STG_2 23670 | 60.63 4.61 0.00 N | 50.11 3.75 0.00 N | 45.90 3.44 0.00 N | 50.56 3.99 0.00 N | 91.98 7.56 0.00 N | 102.16 7.40 0.00 N | 132.27 7.77 0.00 N | 76.01 4.44 0.00 N | 65.82 4.22 0.00 N | 67.72 4.58 0.00 N | 52.90 3.18 0.00 N | 48.13 2.73 0.00 N | 51.01 3.42 0.00 N | 48.47 3.21 0.00 N | 53.74 3.53 0.00 N | 66.99 4.29 0.00 N | 83.61 4.29 0.00 N | 99.07 4.12 0.00 N | 71.05 2.63 0.00 N | 74.31 2.97 0.00 N | 59.60 2.96 0.00 N | 64.03 3.93 0.00 N | 36.39 2.66 0.00 N | 42.78 3.41 0.00 N |
| ATHENS_STG_3 23677 | 60.63 4.61 0.00 N | 50.11 3.75 0.00 N | 45.90 3.44 0.00 N | 50.56 3.99 0.00 N | 91.98 7.56 0.00 N | 102.16 7.40 0.00 N | 132.28 7.78 0.00 N | 76.01 4.45 0.00 N | 65.82 4.22 0.00 N | 67.72 4.58 0.00 N | 52.90 3.18 0.00 N | 48.13 2.73 0.00 N | 51.01 3.42 0.00 N | 48.47 3.21 0.00 N | 53.74 3.54 0.00 N | 67.00 4.30 0.00 N | 83.61 4.29 0.00 N | 99.08 4.12 0.00 N | 71.06 2.64 0.00 N | 74.32 2.97 0.00 N | 59.61 2.96 0.00 N | 64.04 3.94 0.00 N | 36.39 2.66 0.00 N | 42.78 3.41 0.00 N |
| BARRETT 1-8____GRP4 24034 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT 9-12____GRP3 24033 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_1 23704 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_10 23701 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_11 23702 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_12 23703 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_2 23705 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_3 23706 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_4 23707 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |

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| BARRETT_IC_5 23708 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_6 23709 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_7 23710 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_8 23711 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT_IC_9 23700 | 63.87 4.76 -3.09 N | 61.08 3.89 -10.84 N | 60.88 3.40 -15.03 N | 59.66 3.49 -9.60 N | 90.53 6.10 -0.01 N | 101.26 6.51 0.00 N | 131.62 7.14 0.01 N | 77.46 4.42 -1.48 N | 71.18 4.89 -4.70 N | 102.13 6.08 -32.90 N | 79.98 5.12 -25.13 N | 81.14 4.78 -30.96 N | 84.20 4.56 -32.04 N | 94.79 4.46 -45.07 N | 79.58 4.62 -24.76 N | 97.31 6.20 -28.41 N | 105.74 8.90 -17.52 N | 127.26 10.32 -21.98 N | 106.30 6.99 -30.90 N | 96.04 7.03 -17.67 N | 92.16 5.49 -30.02 N | 78.53 5.51 -12.91 N | 58.88 2.73 -22.42 N | 57.46 3.25 -14.84 N |
| BARRETT___1 23545 | 63.69 4.57 -3.09 N | 60.95 3.76 -10.84 N | 60.77 3.28 -15.03 N | 59.52 3.36 -9.60 N | 90.20 5.77 -0.01 N | 100.70 5.95 0.00 N | 130.78 6.29 0.01 N | 76.98 3.94 -1.48 N | 70.77 4.47 -4.70 N | 101.71 5.67 -32.90 N | 79.68 4.83 -25.13 N | 80.87 4.51 -30.96 N | 83.91 4.28 -32.04 N | 94.51 4.18 -45.07 N | 79.29 4.33 -24.76 N | 97.03 5.91 -28.41 N | 105.32 8.48 -17.52 N | 126.71 9.78 -21.98 N | 105.93 6.62 -30.90 N | 95.70 6.69 -17.67 N | 91.94 5.27 -30.02 N | 78.29 5.28 -12.91 N | 58.70 2.55 -22.42 N | 57.26 3.05 -14.84 N |
| BARRETT___2 23546 | 63.86 4.74 -3.09 N | 61.07 3.88 -10.84 N | 60.88 3.39 -15.03 N | 59.65 3.49 -9.60 N | 90.52 6.09 -0.01 N | 101.24 6.49 0.00 N | 131.58 7.09 0.01 N | 77.43 4.39 -1.48 N | 71.16 4.86 -4.70 N | 102.11 6.06 -32.90 N | 79.96 5.11 -25.13 N | 81.13 4.77 -30.96 N | 84.18 4.55 -32.04 N | 94.78 4.45 -45.07 N | 79.57 4.61 -24.76 N | 97.30 6.19 -28.41 N | 105.72 8.88 -17.52 N | 127.23 10.29 -21.98 N | 106.28 6.97 -30.90 N | 96.02 7.01 -17.67 N | 92.14 5.48 -30.02 N | 78.51 5.50 -12.91 N | 58.87 2.72 -22.42 N | 57.45 3.24 -14.84 N |
| BEAVER RIVER___HYD 24048 | 55.99 -0.03 0.00 N | 46.25 -0.10 0.00 N | 42.35 -0.11 0.00 N | 46.70 0.13 0.00 N | 84.76 0.34 0.00 N | 94.80 0.05 0.00 N | 123.83 -0.67 0.00 N | 71.51 -0.06 0.00 N | 61.92 0.32 0.00 N | 63.04 -0.11 0.00 N | 49.05 -0.68 0.00 N | 44.76 -0.63 0.00 N | 47.78 0.18 0.00 N | 45.39 0.13 0.00 N | 50.54 0.33 0.00 N | 62.47 -0.23 0.00 N | 77.40 -1.92 0.00 N | 92.67 -2.29 0.00 N | 66.74 -1.68 0.00 N | 69.71 -1.64 0.00 N | 55.79 -0.86 0.00 N | 60.05 -0.05 0.00 N | 33.86 0.12 0.00 N | 39.39 0.02 0.00 N |
| BEEBEE_GT_13 23619 | 56.23 0.20 0.00 N | 46.42 0.06 0.00 N | 42.52 0.05 0.00 N | 46.84 0.27 0.00 N | 84.64 0.22 0.00 N | 94.80 0.04 0.00 N | 126.45 1.95 0.00 N | 74.02 2.46 0.00 N | 63.46 1.86 0.00 N | 64.68 1.54 0.00 N | 50.77 1.04 0.00 N | 46.67 1.28 0.00 N | 49.69 2.10 0.00 N | 46.98 1.72 0.00 N | 52.29 2.08 0.00 N | 64.48 1.78 0.00 N | 80.41 1.09 0.00 N | 96.77 1.82 0.00 N | 70.05 1.63 0.00 N | 72.72 1.37 0.00 N | 57.94 1.30 0.00 N | 61.67 1.57 0.00 N | 34.51 0.78 0.00 N | 40.07 0.70 0.00 N |
| BETHLEHEM___STEEL 23779 | 51.45 -4.58 0.00 N | 42.92 -3.43 0.00 N | 39.49 -2.98 0.00 N | 43.13 -3.44 0.00 N | 77.49 -6.93 0.00 N | 87.49 -7.27 0.00 N | 117.44 -7.06 0.00 N | 67.82 -3.75 0.00 N | 57.86 -3.74 0.00 N | 58.87 -4.27 0.00 N | 46.73 -2.99 0.00 N | 42.72 -2.68 0.00 N | 44.35 -3.24 0.00 N | 42.09 -3.17 0.00 N | 46.73 -3.47 0.00 N | 58.29 -4.41 0.00 N | 74.54 -4.79 0.00 N | 90.27 -4.69 0.00 N | 65.65 -2.77 0.00 N | 68.07 -3.28 0.00 N | 53.50 -3.15 0.00 N | 55.98 -4.13 0.00 N | 31.12 -2.62 0.00 N | 36.46 -2.91 0.00 N |
| BINGHAMTON___COGEN 23790 | 56.15 0.12 0.00 N | 46.40 0.05 0.00 N | 42.47 0.01 0.00 N | 46.38 -0.19 0.00 N | 84.33 -0.09 0.00 N | 95.48 0.72 0.00 N | 126.20 1.70 0.00 N | 72.15 0.58 0.00 N | 62.43 0.84 0.00 N | 64.01 0.87 0.00 N | 50.43 0.71 0.00 N | 45.99 0.59 0.00 N | 48.01 0.42 0.00 N | 45.74 0.48 0.00 N | 50.65 0.44 0.00 N | 63.34 0.64 0.00 N | 80.81 1.48 0.00 N | 96.85 1.90 0.00 N | 69.71 1.29 0.00 N | 72.82 1.48 0.00 N | 57.47 0.82 0.00 N | 60.59 0.49 0.00 N | 33.80 0.06 0.00 N | 39.38 0.01 0.00 N |
| BLACK RIVER___HYD 24047 | 55.44 -0.59 0.00 N | 45.73 -0.62 0.00 N | 41.86 -0.61 0.00 N | 46.22 -0.35 0.00 N | 83.92 -0.50 0.00 N | 93.79 -0.97 0.00 N | 122.49 -2.01 0.00 N | 70.82 -0.75 0.00 N | 61.43 -0.17 0.00 N | 62.48 -0.66 0.00 N | 48.55 -1.18 0.00 N | 44.31 -1.08 0.00 N | 47.47 -0.12 0.00 N | 45.09 -0.17 0.00 N | 50.16 -0.05 0.00 N | 61.85 -0.85 0.00 N | 76.38 -2.94 0.00 N | 91.50 -3.46 0.00 N | 65.89 -2.53 0.00 N | 68.85 -2.50 0.00 N | 55.18 -1.46 0.00 N | 59.52 -0.58 0.00 N | 33.62 -0.11 0.00 N | 39.07 -0.30 0.00 N |
| BLUE_CIRC_CHEM_DRP 24182 | 59.94 3.91 0.00 N | 49.53 3.17 0.00 N | 45.36 2.90 0.00 N | 49.99 3.42 0.00 N | 90.90 6.48 0.00 N | 100.92 6.16 0.00 N | 130.08 5.58 0.00 N | 74.89 3.32 0.00 N | 64.77 3.17 0.00 N | 66.57 3.43 0.00 N | 52.02 2.29 0.00 N | 47.36 1.96 0.00 N | 50.27 2.68 0.00 N | 47.77 2.52 0.00 N | 53.00 2.80 0.00 N | 66.04 3.34 0.00 N | 82.39 3.07 0.00 N | 97.76 2.80 0.00 N | 70.17 1.75 0.00 N | 73.37 2.03 0.00 N | 58.82 2.18 0.00 N | 63.22 3.12 0.00 N | 35.92 2.19 0.00 N | 42.08 2.71 0.00 N |

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| BOC_GAS_DRP 24189 | 59.97 3.94 0.00 N | 49.58 3.23 0.00 N | 45.44 2.98 0.00 N | 50.11 3.54 0.00 N | 91.12 6.70 0.00 N | 101.10 6.34 0.00 N | 130.70 6.20 0.00 N | 75.16 3.60 0.00 N | 64.94 3.34 0.00 N | 66.70 3.56 0.00 N | 52.11 2.38 0.00 N | 47.42 2.03 0.00 N | 50.36 2.77 0.00 N | 47.84 2.58 0.00 N | 53.09 2.89 0.00 N | 66.14 3.44 0.00 N | 82.43 3.11 0.00 N | 97.75 2.79 0.00 N | 70.22 1.80 0.00 N | 73.46 2.12 0.00 N | 58.93 2.28 0.00 N | 63.40 3.30 0.00 N | 36.08 2.34 0.00 N | 42.35 2.98 0.00 N |
| BORALEX_4TH_BRANCH 23824 | 60.69 4.66 0.00 N | 50.04 3.68 0.00 N | 45.84 3.38 0.00 N | 50.79 4.22 0.00 N | 92.54 8.11 0.00 N | 102.96 8.20 0.00 N | 133.79 9.29 0.00 N | 76.66 5.09 0.00 N | 65.98 4.39 0.00 N | 68.15 5.01 0.00 N | 53.34 3.61 0.00 N | 48.16 2.76 0.00 N | 51.11 3.52 0.00 N | 48.52 3.26 0.00 N | 53.81 3.60 0.00 N | 67.37 4.67 0.00 N | 84.61 5.28 0.00 N | 99.97 5.02 0.00 N | 71.92 3.50 0.00 N | 75.39 4.04 0.00 N | 60.48 3.83 0.00 N | 64.85 4.75 0.00 N | 36.83 3.09 0.00 N | 43.15 3.78 0.00 N |
| BOWLINE___1 23526 | 58.41 2.39 0.00 N | 48.19 1.83 0.00 N | 44.00 1.54 0.00 N | 48.04 1.47 0.00 N | 87.13 2.71 0.00 N | 98.39 3.63 0.00 N | 130.36 5.86 0.00 N | 74.85 3.29 0.00 N | 64.91 3.31 0.00 N | 67.06 3.91 0.00 N | 53.01 3.28 0.00 N | 48.41 3.01 0.00 N | 50.23 2.64 0.00 N | 47.93 2.67 0.00 N | 52.95 2.74 0.00 N | 66.37 3.67 0.00 N | 85.24 5.91 0.00 N | 102.45 7.49 0.00 N | 73.53 5.11 0.00 N | 76.62 5.27 0.00 N | 60.46 3.82 0.00 N | 63.47 3.37 0.00 N | 35.19 1.45 0.00 N | 40.90 1.53 0.00 N |
| BOWLINE___2 23595 | 58.45 2.43 0.00 N | 48.22 1.86 0.00 N | 44.02 1.56 0.00 N | 48.07 1.50 0.00 N | 87.17 2.75 0.00 N | 98.45 3.69 0.00 N | 130.43 5.93 0.00 N | 74.90 3.34 0.00 N | 64.98 3.38 0.00 N | 67.31 4.17 0.00 N | 53.22 3.49 0.00 N | 48.60 3.20 0.00 N | 50.42 2.83 0.00 N | 48.12 2.86 0.00 N | 53.06 2.85 0.00 N | 66.51 3.81 0.00 N | 85.49 6.17 0.00 N | 102.75 7.79 0.00 N | 73.69 5.27 0.00 N | 76.76 5.42 0.00 N | 60.57 3.92 0.00 N | 63.56 3.46 0.00 N | 35.24 1.50 0.00 N | 40.96 1.59 0.00 N |
| BROOKHAVEN___DRP 24191 | 63.85 4.74 -3.09 N | 61.27 4.08 -10.84 N | 61.13 3.65 -15.03 N | 59.95 3.79 -9.60 N | 90.99 6.55 -0.01 N | 98.91 6.12 1.97 N | 120.53 3.98 7.95 N | 75.58 2.54 -1.48 N | 69.79 3.49 -4.70 N | 101.68 5.63 -32.90 N | 79.87 5.01 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.65 -32.04 N | 94.97 4.64 -45.07 N | 79.83 4.87 -24.76 N | 97.44 6.33 -28.41 N | 105.22 8.38 -17.52 N | 125.44 8.50 -21.98 N | 104.89 5.57 -30.90 N | 94.26 5.25 -17.67 N | 91.70 5.04 -30.02 N | 78.12 5.10 -12.91 N | 58.80 2.65 -22.42 N | 57.29 3.08 -14.84 N |
| BROOKLYN_NAVY_YARD 23515 | 59.44 3.42 0.00 N | 49.03 2.67 0.00 N | 44.71 2.25 0.00 N | 48.79 2.22 0.00 N | 88.45 4.03 0.00 N | 99.75 4.99 0.00 N | 130.95 6.45 0.00 N | 75.34 3.78 0.00 N | 65.68 4.08 0.00 N | 68.08 4.94 0.00 N | 53.79 4.06 0.00 N | 49.17 3.77 0.00 N | 51.14 3.55 0.00 N | 48.88 3.62 0.00 N | 53.94 3.73 0.00 N | 67.71 5.01 0.00 N | 86.84 7.52 0.00 N | 104.15 9.20 0.00 N | 74.57 6.15 0.00 N | 77.43 6.08 0.00 N | 61.07 4.43 0.00 N | 64.18 4.08 0.00 N | 35.74 2.01 0.00 N | 41.61 2.24 0.00 N |
| BURROWS___LYONSDAL 23803 | 57.10 1.07 0.00 N | 47.21 0.86 0.00 N | 43.25 0.79 0.00 N | 47.56 0.99 0.00 N | 86.32 1.90 0.00 N | 96.72 1.96 0.00 N | 126.79 2.29 0.00 N | 73.04 1.48 0.00 N | 63.16 1.56 0.00 N | 64.51 1.37 0.00 N | 50.47 0.74 0.00 N | 46.07 0.68 0.00 N | 48.77 1.18 0.00 N | 46.36 1.11 0.00 N | 51.50 1.29 0.00 N | 63.97 1.26 0.00 N | 80.11 0.79 0.00 N | 95.90 0.94 0.00 N | 69.04 0.62 0.00 N | 72.05 0.71 0.00 N | 57.37 0.73 0.00 N | 61.30 1.20 0.00 N | 34.47 0.74 0.00 N | 40.17 0.80 0.00 N |
| CALPINE_BETH_PAGE_GT4 24209 | 63.62 4.52 -3.08 N | 60.92 3.73 -10.84 N | 60.76 3.27 -15.03 N | 59.54 3.37 -9.60 N | 90.35 5.92 -0.01 N | 100.72 6.35 0.39 N | 130.05 7.11 1.56 N | 77.33 4.29 -1.48 N | 71.02 4.72 -4.70 N | 101.88 5.84 -32.90 N | 79.74 4.89 -25.13 N | 80.90 4.54 -30.96 N | 83.98 4.35 -32.04 N | 94.68 4.35 -45.07 N | 79.46 4.50 -24.76 N | 97.08 5.97 -28.41 N | 105.39 8.55 -17.52 N | 126.91 9.97 -21.98 N | 106.06 6.74 -30.90 N | 95.70 6.69 -17.67 N | 91.91 5.25 -30.02 N | 78.18 5.16 -12.91 N | 58.79 2.64 -22.42 N | 57.24 3.03 -14.84 N |
| CALPINE_BP_GT1 23823 | 63.62 4.52 -3.08 N | 60.92 3.73 -10.84 N | 60.76 3.27 -15.03 N | 59.54 3.37 -9.60 N | 90.35 5.92 -0.01 N | 100.72 6.35 0.39 N | 130.05 7.11 1.56 N | 77.33 4.29 -1.48 N | 71.02 4.72 -4.70 N | 101.88 5.84 -32.90 N | 79.74 4.89 -25.13 N | 80.90 4.54 -30.96 N | 83.98 4.35 -32.04 N | 94.68 4.35 -45.07 N | 79.46 4.50 -24.76 N | 97.08 5.97 -28.41 N | 105.39 8.55 -17.52 N | 126.91 9.97 -21.98 N | 106.06 6.74 -30.90 N | 95.70 6.69 -17.67 N | 91.91 5.25 -30.02 N | 78.18 5.16 -12.91 N | 58.79 2.64 -22.42 N | 57.24 3.03 -14.84 N |
| CALSPAN___DRP 24200 | 51.45 -4.58 0.00 N | 42.92 -3.43 0.00 N | 39.49 -2.98 0.00 N | 43.13 -3.44 0.00 N | 77.49 -6.93 0.00 N | 87.49 -7.27 0.00 N | 117.44 -7.06 0.00 N | 67.82 -3.75 0.00 N | 57.86 -3.74 0.00 N | 58.87 -4.27 0.00 N | 46.73 -2.99 0.00 N | 42.72 -2.68 0.00 N | 44.35 -3.24 0.00 N | 42.09 -3.17 0.00 N | 46.73 -3.47 0.00 N | 58.29 -4.41 0.00 N | 74.54 -4.79 0.00 N | 90.27 -4.69 0.00 N | 65.65 -2.77 0.00 N | 68.07 -3.28 0.00 N | 53.50 -3.15 0.00 N | 55.98 -4.13 0.00 N | 31.12 -2.62 0.00 N | 36.46 -2.91 0.00 N |
| CARR STREET_E__SYR 24060 | 54.90 -1.13 0.00 N | 45.40 -0.95 0.00 N | 41.60 -0.86 0.00 N | 45.63 -0.94 0.00 N | 82.67 -1.75 0.00 N | 92.88 -1.88 0.00 N | 122.31 -2.19 0.00 N | 70.43 -1.13 0.00 N | 60.68 -0.92 0.00 N | 61.97 -1.18 0.00 N | 48.72 -1.00 0.00 N | 44.55 -0.84 0.00 N | 46.82 -0.77 0.00 N | 44.52 -0.73 0.00 N | 49.40 -0.80 0.00 N | 61.51 -1.19 0.00 N | 77.59 -1.73 0.00 N | 93.03 -1.93 0.00 N | 67.11 -1.31 0.00 N | 69.97 -1.38 0.00 N | 55.51 -1.13 0.00 N | 58.89 -1.21 0.00 N | 33.11 -0.62 0.00 N | 38.63 -0.74 0.00 N |
| CARTHAGE___PAPER 23857 | 55.44 -0.59 0.00 N | 45.73 -0.62 0.00 N | 41.86 -0.61 0.00 N | 46.22 -0.35 0.00 N | 83.92 -0.50 0.00 N | 93.79 -0.97 0.00 N | 122.49 -2.01 0.00 N | 70.82 -0.75 0.00 N | 61.43 -0.17 0.00 N | 62.48 -0.66 0.00 N | 48.55 -1.18 0.00 N | 44.31 -1.08 0.00 N | 47.47 -0.12 0.00 N | 45.09 -0.17 0.00 N | 50.16 -0.05 0.00 N | 61.85 -0.85 0.00 N | 76.38 -2.94 0.00 N | 91.50 -3.46 0.00 N | 65.89 -2.53 0.00 N | 68.85 -2.50 0.00 N | 55.18 -1.46 0.00 N | 59.52 -0.58 0.00 N | 33.62 -0.11 0.00 N | 39.07 -0.30 0.00 N |
| CE_DUNWOOD___DRP 24194 | 59.26 3.23 0.00 N | 48.87 2.51 0.00 N | 44.59 2.12 0.00 N | 48.67 2.10 0.00 N | 88.25 3.83 0.00 N | 99.53 4.78 0.00 N | 130.85 6.35 0.00 N | 75.19 3.63 0.00 N | 65.46 3.86 0.00 N | 67.74 4.59 0.00 N | 53.57 3.85 0.00 N | 48.97 3.57 0.00 N | 50.91 3.32 0.00 N | 48.62 3.37 0.00 N | 53.70 3.49 0.00 N | 67.39 4.69 0.00 N | 86.40 7.08 0.00 N | 103.55 8.59 0.00 N | 74.20 5.78 0.00 N | 77.15 5.80 0.00 N | 60.89 4.25 0.00 N | 64.08 3.97 0.00 N | 35.62 1.89 0.00 N | 41.49 2.12 0.00 N |

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| CE_MILLWOOD___DRP 24193 | 58.92 2.90 0.00 N | 48.60 2.24 0.00 N | 44.35 1.89 0.00 N | 48.43 1.86 0.00 N | 87.81 3.39 0.00 N | 99.04 4.28 0.00 N | 130.27 5.77 0.00 N | 74.83 3.27 0.00 N | 65.09 3.49 0.00 N | 67.31 4.17 0.00 N | 53.22 3.50 0.00 N | 48.63 3.23 0.00 N | 50.56 2.97 0.00 N | 48.28 3.02 0.00 N | 53.33 3.12 0.00 N | 66.92 4.22 0.00 N | 85.78 6.45 0.00 N | 102.81 7.85 0.00 N | 73.70 5.28 0.00 N | 76.66 5.31 0.00 N | 60.52 3.87 0.00 N | 63.68 3.58 0.00 N | 35.42 1.68 0.00 N | 41.21 1.84 0.00 N |
| CE_NYC2_DRP 24202 | 60.32 4.29 0.00 N | 51.23 3.40 -1.47 N | 51.12 2.89 -5.77 N | 63.83 2.90 -14.36 N | 90.80 5.29 -1.09 N | 101.22 6.46 0.00 N | 132.75 8.25 0.00 N | 76.21 4.65 0.00 N | 88.81 5.03 -22.19 N | 134.02 5.87 -65.01 N | 77.74 4.90 -23.12 N | 70.51 4.61 -20.50 N | 78.21 4.48 -26.14 N | 137.18 4.56 -87.36 N | 107.80 4.77 -52.82 N | 124.77 6.26 -55.81 N | 107.90 9.15 -19.43 N | 105.84 10.88 0.00 N | 135.02 7.29 -59.31 N | 140.33 7.22 -61.76 N | 67.95 5.32 -5.99 N | 72.21 5.18 -6.92 N | 73.23 2.55 -36.95 N | 62.80 2.92 -20.51 N |
| CE_NYC_DRP 24195 | 59.93 3.90 0.00 N | 49.40 3.04 0.00 N | 45.03 2.56 0.00 N | 49.12 2.55 0.00 N | 89.08 4.66 0.00 N | 100.55 5.79 0.00 N | 131.95 7.45 0.00 N | 75.86 4.30 0.00 N | 66.18 4.58 0.00 N | 68.58 5.43 0.00 N | 54.27 4.54 0.00 N | 49.65 4.25 0.00 N | 51.64 4.05 0.00 N | 49.37 4.11 0.00 N | 54.49 4.28 0.00 N | 68.40 5.69 0.00 N | 87.76 8.43 0.00 N | 105.19 10.24 0.00 N | 75.28 6.86 0.00 N | 78.17 6.82 0.00 N | 61.62 4.98 0.00 N | 64.81 4.70 0.00 N | 36.01 2.28 0.00 N | 41.94 2.57 0.00 N |
| CH_MIDHUDSON___DRP 24192 | 58.29 2.27 0.00 N | 48.11 1.76 0.00 N | 44.01 1.54 0.00 N | 48.14 1.57 0.00 N | 87.36 2.94 0.00 N | 98.25 3.49 0.00 N | 129.12 4.62 0.00 N | 74.07 2.51 0.00 N | 64.17 2.57 0.00 N | 66.30 3.15 0.00 N | 52.35 2.62 0.00 N | 47.67 2.27 0.00 N | 49.64 2.05 0.00 N | 47.35 2.09 0.00 N | 52.39 2.18 0.00 N | 65.66 2.96 0.00 N | 84.05 4.73 0.00 N | 100.54 5.58 0.00 N | 72.20 3.78 0.00 N | 75.25 3.90 0.00 N | 59.52 2.87 0.00 N | 62.71 2.61 0.00 N | 34.98 1.25 0.00 N | 40.84 1.47 0.00 N |
| CH_MISC_IPPS 23765 | 58.48 2.46 0.00 N | 48.24 1.88 0.00 N | 44.10 1.64 0.00 N | 48.21 1.64 0.00 N | 87.49 3.07 0.00 N | 98.54 3.78 0.00 N | 129.83 5.33 0.00 N | 74.57 3.01 0.00 N | 64.66 3.06 0.00 N | 66.81 3.67 0.00 N | 52.76 3.04 0.00 N | 48.09 2.69 0.00 N | 50.07 2.48 0.00 N | 47.76 2.50 0.00 N | 52.82 2.62 0.00 N | 66.20 3.50 0.00 N | 84.86 5.53 0.00 N | 101.64 6.68 0.00 N | 72.98 4.56 0.00 N | 76.00 4.66 0.00 N | 60.06 3.41 0.00 N | 63.20 3.10 0.00 N | 35.19 1.46 0.00 N | 41.07 1.70 0.00 N |
| CH_RES_BVR_FALLS 23983 | 56.08 0.06 0.00 N | 46.41 0.06 0.00 N | 42.52 0.05 0.00 N | 46.64 0.07 0.00 N | 84.53 0.11 0.00 N | 94.88 0.12 0.00 N | 124.64 0.14 0.00 N | 71.66 0.10 0.00 N | 61.61 0.01 0.00 N | 63.13 -0.01 0.00 N | 49.71 -0.02 0.00 N | 45.38 -0.02 0.00 N | 47.60 0.01 0.00 N | 45.25 -0.01 0.00 N | 50.22 0.01 0.00 N | 62.71 0.00 0.00 N | 79.23 -0.09 0.00 N | 94.87 -0.09 0.00 N | 68.38 -0.04 0.00 N | 71.31 -0.04 0.00 N | 56.65 0.00 0.00 N | 60.17 0.07 0.00 N | 33.76 0.03 0.00 N | 39.40 0.03 0.00 N |
| CH_RES_NIAGARA 23895 | 50.35 -5.68 0.00 N | 42.18 -4.18 0.00 N | 38.80 -3.66 0.00 N | 42.41 -4.16 0.00 N | 75.88 -8.54 0.00 N | 85.54 -9.22 0.00 N | 115.28 -9.22 0.00 N | 66.68 -4.89 0.00 N | 56.57 -5.03 0.00 N | 57.41 -5.74 0.00 N | 45.67 -4.06 0.00 N | 41.75 -3.65 0.00 N | 43.39 -4.20 0.00 N | 41.00 -4.25 0.00 N | 45.64 -4.57 0.00 N | 56.91 -5.79 0.00 N | 72.58 -6.74 0.00 N | 87.73 -7.23 0.00 N | 63.96 -4.46 0.00 N | 66.28 -5.06 0.00 N | 52.21 -4.43 0.00 N | 54.64 -5.46 0.00 N | 30.46 -3.27 0.00 N | 35.90 -3.47 0.00 N |
| CH_RES_SYRACUSE 23985 | 54.28 -1.75 0.00 N | 44.92 -1.44 0.00 N | 41.17 -1.29 0.00 N | 45.14 -1.43 0.00 N | 81.73 -2.69 0.00 N | 91.88 -2.88 0.00 N | 121.13 -3.37 0.00 N | 69.73 -1.83 0.00 N | 60.02 -1.58 0.00 N | 61.30 -1.84 0.00 N | 48.26 -1.47 0.00 N | 44.10 -1.29 0.00 N | 46.31 -1.28 0.00 N | 44.02 -1.24 0.00 N | 48.85 -1.36 0.00 N | 60.85 -1.85 0.00 N | 76.91 -2.41 0.00 N | 92.29 -2.67 0.00 N | 66.62 -1.80 0.00 N | 69.41 -1.94 0.00 N | 55.00 -1.64 0.00 N | 58.27 -1.83 0.00 N | 32.75 -0.98 0.00 N | 38.23 -1.14 0.00 N |
| CORNELL___ 23752 | 54.98 -1.05 0.00 N | 45.11 -1.24 0.00 N | 41.27 -1.19 0.00 N | 45.29 -1.28 0.00 N | 81.79 -2.63 0.00 N | 92.04 -2.72 0.00 N | 123.25 -1.25 0.00 N | 71.93 0.36 0.00 N | 61.89 0.29 0.00 N | 63.41 0.26 0.00 N | 50.00 0.28 0.00 N | 45.70 0.30 0.00 N | 47.84 0.25 0.00 N | 45.51 0.25 0.00 N | 50.40 0.20 0.00 N | 62.76 0.06 0.00 N | 79.86 0.53 0.00 N | 96.67 1.71 0.00 N | 69.72 1.30 0.00 N | 72.17 0.82 0.00 N | 56.98 0.34 0.00 N | 59.94 -0.16 0.00 N | 33.47 -0.27 0.00 N | 38.84 -0.53 0.00 N |
| COXSACKIE___GT 23611 | 58.29 2.26 0.00 N | 48.25 1.90 0.00 N | 44.22 1.76 0.00 N | 48.50 1.93 0.00 N | 88.06 3.64 0.00 N | 98.49 3.74 0.00 N | 128.55 4.05 0.00 N | 73.58 2.01 0.00 N | 63.36 1.76 0.00 N | 65.27 2.12 0.00 N | 51.53 1.80 0.00 N | 46.93 1.54 0.00 N | 49.02 1.43 0.00 N | 46.67 1.41 0.00 N | 51.69 1.48 0.00 N | 64.67 1.96 0.00 N | 82.52 3.20 0.00 N | 98.77 3.82 0.00 N | 71.16 2.74 0.00 N | 74.26 2.92 0.00 N | 58.79 2.15 0.00 N | 62.19 2.09 0.00 N | 35.03 1.30 0.00 N | 41.03 1.66 0.00 N |
| CRESCENT___HYD 24018 | 60.44 4.41 0.00 N | 49.92 3.56 0.00 N | 45.74 3.28 0.00 N | 50.55 3.98 0.00 N | 92.07 7.65 0.00 N | 102.33 7.57 0.00 N | 133.01 8.51 0.00 N | 76.39 4.83 0.00 N | 65.87 4.27 0.00 N | 67.87 4.72 0.00 N | 53.06 3.34 0.00 N | 48.08 2.68 0.00 N | 51.04 3.45 0.00 N | 48.49 3.23 0.00 N | 53.79 3.59 0.00 N | 67.19 4.49 0.00 N | 84.15 4.83 0.00 N | 99.76 4.80 0.00 N | 71.73 3.31 0.00 N | 75.11 3.76 0.00 N | 60.20 3.56 0.00 N | 64.57 4.47 0.00 N | 36.63 2.90 0.00 N | 42.83 3.46 0.00 N |
| CRUCIBLE_METL_DRP 24180 | 54.28 -1.75 0.00 N | 44.92 -1.44 0.00 N | 41.17 -1.29 0.00 N | 45.14 -1.43 0.00 N | 81.73 -2.69 0.00 N | 91.88 -2.88 0.00 N | 121.13 -3.37 0.00 N | 69.73 -1.83 0.00 N | 60.02 -1.58 0.00 N | 61.30 -1.84 0.00 N | 48.26 -1.47 0.00 N | 44.10 -1.29 0.00 N | 46.31 -1.28 0.00 N | 44.02 -1.24 0.00 N | 48.85 -1.36 0.00 N | 60.85 -1.85 0.00 N | 76.91 -2.41 0.00 N | 92.29 -2.67 0.00 N | 66.62 -1.80 0.00 N | 69.41 -1.94 0.00 N | 55.00 -1.64 0.00 N | 58.27 -1.83 0.00 N | 32.75 -0.98 0.00 N | 38.23 -1.14 0.00 N |
| CSC___481_PGEN 24222 | 63.83 4.71 -3.09 N | 61.24 4.05 -10.84 N | 61.11 3.62 -15.03 N | 59.93 3.76 -9.60 N | 90.94 6.50 -0.01 N | 98.83 6.03 1.97 N | 119.91 3.37 7.95 N | 75.27 2.23 -1.48 N | 69.53 3.24 -4.70 N | 101.63 5.58 -32.90 N | 79.87 5.02 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.65 -32.04 N | 94.97 4.64 -45.07 N | 79.83 4.87 -24.76 N | 97.45 6.33 -28.41 N | 105.18 8.33 -17.52 N | 125.06 8.13 -21.98 N | 104.61 5.30 -30.90 N | 93.97 4.96 -17.67 N | 91.65 4.99 -30.02 N | 78.12 5.11 -12.91 N | 58.79 2.64 -22.42 N | 57.28 3.07 -14.84 N |

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|------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| DANSKAMMER___1 23586 | 57.88 1.86 0.00 N | 47.72 1.36 0.00 N | 43.61 1.15 0.00 N | 47.67 1.10 0.00 N | 86.49 2.07 0.00 N | 97.43 2.67 0.00 N | 128.39 3.89 0.00 N | 73.75 2.18 0.00 N | 63.98 2.38 0.00 N | 66.09 2.94 0.00 N | 52.19 2.46 0.00 N | 47.59 2.19 0.00 N | 49.56 1.97 0.00 N | 47.27 2.02 0.00 N | 52.27 2.06 0.00 N | 65.52 2.81 0.00 N | 83.95 4.62 0.00 N | 100.54 5.58 0.00 N | 72.16 3.74 0.00 N | 75.15 3.81 0.00 N | 59.39 2.75 0.00 N | 62.50 2.40 0.00 N | 34.81 1.07 0.00 N | 40.56 1.19 0.00 N |
| DANSKAMMER___2 23589 | 57.88 1.86 0.00 N | 47.72 1.36 0.00 N | 43.61 1.15 0.00 N | 47.67 1.10 0.00 N | 86.49 2.07 0.00 N | 97.43 2.67 0.00 N | 128.39 3.89 0.00 N | 73.75 2.18 0.00 N | 63.98 2.38 0.00 N | 66.09 2.94 0.00 N | 52.19 2.46 0.00 N | 47.59 2.19 0.00 N | 49.56 1.97 0.00 N | 47.27 2.02 0.00 N | 52.27 2.06 0.00 N | 65.52 2.81 0.00 N | 83.95 4.62 0.00 N | 100.54 5.58 0.00 N | 72.16 3.74 0.00 N | 75.15 3.81 0.00 N | 59.39 2.75 0.00 N | 62.50 2.40 0.00 N | 34.81 1.07 0.00 N | 40.56 1.19 0.00 N |
| DANSKAMMER___3 23590 | 57.88 1.86 0.00 N | 47.72 1.36 0.00 N | 43.61 1.15 0.00 N | 47.67 1.10 0.00 N | 86.49 2.07 0.00 N | 97.43 2.67 0.00 N | 128.39 3.89 0.00 N | 73.75 2.18 0.00 N | 63.98 2.38 0.00 N | 66.09 2.94 0.00 N | 52.19 2.46 0.00 N | 47.59 2.19 0.00 N | 49.56 1.97 0.00 N | 47.27 2.02 0.00 N | 52.27 2.06 0.00 N | 65.52 2.81 0.00 N | 83.95 4.62 0.00 N | 100.54 5.58 0.00 N | 72.16 3.74 0.00 N | 75.15 3.81 0.00 N | 59.39 2.75 0.00 N | 62.50 2.40 0.00 N | 34.81 1.07 0.00 N | 40.56 1.19 0.00 N |
| DANSKAMMER___4 23591 | 57.88 1.86 0.00 N | 47.72 1.36 0.00 N | 43.61 1.15 0.00 N | 47.67 1.10 0.00 N | 86.49 2.07 0.00 N | 97.43 2.67 0.00 N | 128.39 3.89 0.00 N | 73.75 2.18 0.00 N | 63.98 2.38 0.00 N | 66.09 2.94 0.00 N | 52.19 2.46 0.00 N | 47.59 2.19 0.00 N | 49.56 1.97 0.00 N | 47.27 2.02 0.00 N | 52.27 2.06 0.00 N | 65.52 2.81 0.00 N | 83.95 4.62 0.00 N | 100.54 5.58 0.00 N | 72.16 3.74 0.00 N | 75.15 3.81 0.00 N | 59.39 2.75 0.00 N | 62.50 2.40 0.00 N | 34.81 1.07 0.00 N | 40.56 1.19 0.00 N |
| DANSKAMMER___DIESEL 23592 | 57.88 1.86 0.00 N | 47.72 1.36 0.00 N | 43.61 1.15 0.00 N | 47.67 1.10 0.00 N | 86.49 2.07 0.00 N | 97.43 2.67 0.00 N | 128.39 3.89 0.00 N | 73.75 2.18 0.00 N | 63.98 2.38 0.00 N | 66.09 2.94 0.00 N | 52.19 2.46 0.00 N | 47.59 2.19 0.00 N | 49.56 1.97 0.00 N | 47.27 2.02 0.00 N | 52.27 2.06 0.00 N | 65.52 2.81 0.00 N | 83.95 4.62 0.00 N | 100.54 5.58 0.00 N | 72.16 3.74 0.00 N | 75.15 3.81 0.00 N | 59.39 2.75 0.00 N | 62.50 2.40 0.00 N | 34.81 1.07 0.00 N | 40.56 1.19 0.00 N |
| DASHVILLE___HYD 23610 | 57.93 1.91 0.00 N | 47.81 1.45 0.00 N | 43.71 1.25 0.00 N | 47.78 1.21 0.00 N | 86.71 2.29 0.00 N | 97.64 2.88 0.00 N | 128.60 4.10 0.00 N | 73.81 2.24 0.00 N | 63.99 2.39 0.00 N | 66.08 2.94 0.00 N | 52.20 2.48 0.00 N | 47.55 2.15 0.00 N | 49.49 1.90 0.00 N | 47.21 1.95 0.00 N | 52.21 2.00 0.00 N | 65.50 2.80 0.00 N | 83.76 4.44 0.00 N | 100.25 5.29 0.00 N | 71.96 3.54 0.00 N | 74.97 3.63 0.00 N | 59.29 2.65 0.00 N | 62.44 2.34 0.00 N | 34.80 1.06 0.00 N | 40.55 1.18 0.00 N |
| DOGLEVILLE___HYD 23807 | 60.52 4.50 0.00 N | 49.94 3.59 0.00 N | 45.69 3.23 0.00 N | 50.08 3.51 0.00 N | 91.24 6.82 0.00 N | 102.41 7.65 0.00 N | 134.67 10.17 0.00 N | 77.02 5.46 0.00 N | 66.63 5.03 0.00 N | 69.00 5.86 0.00 N | 54.44 4.72 0.00 N | 49.46 4.06 0.00 N | 51.59 4.00 0.00 N | 49.19 3.94 0.00 N | 54.34 4.14 0.00 N | 68.49 5.79 0.00 N | 88.06 8.73 0.00 N | 105.23 10.27 0.00 N | 75.47 7.05 0.00 N | 78.78 7.43 0.00 N | 62.23 5.58 0.00 N | 65.35 5.24 0.00 N | 36.52 2.78 0.00 N | 42.60 3.23 0.00 N |
| DUNKIRK___1 23563 | 50.38 -5.64 0.00 N | 41.93 -4.43 0.00 N | 38.72 -3.74 0.00 N | 42.23 -4.34 0.00 N | 75.99 -8.43 0.00 N | 85.64 -9.12 0.00 N | 113.44 -11.06 0.00 N | 64.90 -6.67 0.00 N | 55.56 -6.04 0.00 N | 56.69 -6.46 0.00 N | 44.90 -4.83 0.00 N | 41.20 -4.19 0.00 N | 42.74 -4.85 0.00 N | 41.00 -4.26 0.00 N | 45.25 -4.95 0.00 N | 56.24 -6.46 0.00 N | 72.16 -7.16 0.00 N | 87.60 -7.36 0.00 N | 63.51 -4.91 0.00 N | 66.06 -5.29 0.00 N | 51.75 -4.89 0.00 N | 54.14 -5.96 0.00 N | 30.20 -3.54 0.00 N | 35.19 -4.18 0.00 N |
| DUNKIRK___2 23564 | 50.38 -5.64 0.00 N | 41.93 -4.43 0.00 N | 38.72 -3.74 0.00 N | 42.23 -4.34 0.00 N | 75.99 -8.43 0.00 N | 85.64 -9.12 0.00 N | 113.44 -11.06 0.00 N | 64.90 -6.67 0.00 N | 55.56 -6.04 0.00 N | 56.69 -6.46 0.00 N | 44.90 -4.83 0.00 N | 41.20 -4.19 0.00 N | 42.74 -4.85 0.00 N | 41.00 -4.26 0.00 N | 45.25 -4.95 0.00 N | 56.24 -6.46 0.00 N | 72.16 -7.16 0.00 N | 87.60 -7.36 0.00 N | 63.51 -4.91 0.00 N | 66.06 -5.29 0.00 N | 51.75 -4.89 0.00 N | 54.14 -5.96 0.00 N | 30.20 -3.54 0.00 N | 35.19 -4.18 0.00 N |
| DUNKIRK___3 23565 | 50.59 -5.44 0.00 N | 42.14 -4.21 0.00 N | 38.86 -3.60 0.00 N | 42.39 -4.18 0.00 N | 76.30 -8.12 0.00 N | 86.03 -8.73 0.00 N | 114.38 -10.12 0.00 N | 65.62 -5.95 0.00 N | 56.14 -5.46 0.00 N | 57.23 -5.91 0.00 N | 45.36 -4.37 0.00 N | 41.56 -3.83 0.00 N | 43.11 -4.48 0.00 N | 41.23 -4.03 0.00 N | 45.59 -4.61 0.00 N | 56.74 -5.96 0.00 N | 72.72 -6.60 0.00 N | 88.22 -6.74 0.00 N | 64.02 -4.40 0.00 N | 66.53 -4.82 0.00 N | 52.16 -4.49 0.00 N | 54.57 -5.54 0.00 N | 30.37 -3.37 0.00 N | 35.50 -3.87 0.00 N |
| DUNKIRK___4 23566 | 50.59 -5.44 0.00 N | 42.14 -4.21 0.00 N | 38.86 -3.60 0.00 N | 42.40 -4.17 0.00 N | 76.30 -8.12 0.00 N | 86.03 -8.73 0.00 N | 114.39 -10.11 0.00 N | 65.62 -5.95 0.00 N | 56.14 -5.46 0.00 N | 57.23 -5.91 0.00 N | 45.36 -4.37 0.00 N | 41.56 -3.83 0.00 N | 43.11 -4.48 0.00 N | 41.23 -4.03 0.00 N | 45.59 -4.61 0.00 N | 56.74 -5.96 0.00 N | 72.72 -6.60 0.00 N | 88.22 -6.74 0.00 N | 64.02 -4.40 0.00 N | 66.53 -4.82 0.00 N | 52.16 -4.49 0.00 N | 54.57 -5.54 0.00 N | 30.37 -3.37 0.00 N | 35.50 -3.87 0.00 N |
| EAST HAMPTON___GT 23717 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| EAST RIVER___6 23660 | 60.00 3.97 0.00 N | 49.43 3.07 0.00 N | 45.05 2.59 0.00 N | 49.14 2.57 0.00 N | 89.13 4.71 0.00 N | 100.64 5.88 0.00 N | 132.06 7.56 0.00 N | 75.95 4.39 0.00 N | 66.27 4.67 0.00 N | 68.64 5.50 0.00 N | 54.29 4.57 0.00 N | 49.68 4.28 0.00 N | 51.66 4.07 0.00 N | 49.40 4.14 0.00 N | 54.51 4.31 0.00 N | 68.43 5.73 0.00 N | 87.84 8.52 0.00 N | 105.42 10.46 0.00 N | 75.44 7.02 0.00 N | 78.28 6.93 0.00 N | 61.70 5.06 0.00 N | 64.88 4.78 0.00 N | 36.04 2.30 0.00 N | 41.96 2.59 0.00 N |

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| EAST RIVER___7 23524 | 60.00 3.97 0.00 N | 49.43 3.07 0.00 N | 45.05 2.59 0.00 N | 49.14 2.57 0.00 N | 89.13 4.71 0.00 N | 100.64 5.88 0.00 N | 132.06 7.56 0.00 N | 75.95 4.39 0.00 N | 66.27 4.67 0.00 N | 68.64 5.50 0.00 N | 54.29 4.57 0.00 N | 49.68 4.28 0.00 N | 51.66 4.07 0.00 N | 49.40 4.14 0.00 N | 54.51 4.31 0.00 N | 68.43 5.73 0.00 N | 87.84 8.52 0.00 N | 105.42 10.46 0.00 N | 75.44 7.02 0.00 N | 78.28 6.93 0.00 N | 61.70 5.06 0.00 N | 64.88 4.78 0.00 N | 36.04 2.30 0.00 N | 41.96 2.59 0.00 N |
| EAST_HAMPTON___DIESEL 23722 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| ELEC_TRO_TEK 24086 | 63.53 4.44 -3.07 N | 60.83 3.63 -10.84 N | 60.66 3.18 -15.03 N | 59.42 3.26 -9.60 N | 90.19 5.76 -0.01 N | 101.02 6.33 0.07 N | 131.58 7.35 0.27 N | 77.45 4.41 -1.48 N | 71.08 4.78 -4.70 N | 101.89 5.85 -32.90 N | 79.74 4.89 -25.13 N | 80.88 4.52 -30.96 N | 83.96 4.33 -32.04 N | 94.65 4.32 -45.07 N | 79.45 4.48 -24.76 N | 97.07 5.95 -28.41 N | 105.44 8.60 -17.52 N | 127.05 10.11 -21.98 N | 106.16 6.85 -30.90 N | 95.83 6.81 -17.67 N | 91.94 5.28 -30.02 N | 78.18 5.17 -12.91 N | 58.76 2.61 -22.42 N | 57.19 2.98 -14.84 N |
| E_CANADA_CAP_HY 24051 | 56.71 0.68 0.00 N | 46.93 0.57 0.00 N | 43.03 0.57 0.00 N | 47.45 0.88 0.00 N | 85.94 1.52 0.00 N | 96.23 1.47 0.00 N | 127.04 2.54 0.00 N | 74.03 2.46 0.00 N | 63.36 1.76 0.00 N | 63.92 0.77 0.00 N | 49.89 0.17 0.00 N | 45.82 0.42 0.00 N | 49.06 1.47 0.00 N | 46.45 1.19 0.00 N | 51.79 1.58 0.00 N | 63.64 0.94 0.00 N | 78.28 -1.04 0.00 N | 94.01 -0.94 0.00 N | 67.91 -0.51 0.00 N | 70.69 -0.66 0.00 N | 56.69 0.05 0.00 N | 61.25 1.15 0.00 N | 34.66 0.93 0.00 N | 40.16 0.79 0.00 N |
| E_CANADA_MHWK_HY 24050 | 60.52 4.50 0.00 N | 49.94 3.59 0.00 N | 45.69 3.23 0.00 N | 50.08 3.51 0.00 N | 91.24 6.82 0.00 N | 102.41 7.65 0.00 N | 134.67 10.17 0.00 N | 77.02 5.46 0.00 N | 66.63 5.03 0.00 N | 69.00 5.86 0.00 N | 54.44 4.72 0.00 N | 49.46 4.06 0.00 N | 51.59 4.00 0.00 N | 49.19 3.94 0.00 N | 54.34 4.14 0.00 N | 68.49 5.79 0.00 N | 88.06 8.73 0.00 N | 105.23 10.27 0.00 N | 75.47 7.05 0.00 N | 78.78 7.43 0.00 N | 62.23 5.58 0.00 N | 65.35 5.24 0.00 N | 36.52 2.78 0.00 N | 42.60 3.23 0.00 N |
| E_FISHKILL___LBMP 23776 | 57.31 1.29 0.00 N | 47.35 0.99 0.00 N | 43.33 0.87 0.00 N | 47.42 0.85 0.00 N | 86.02 1.60 0.00 N | 96.75 2.00 0.00 N | 127.34 2.84 0.00 N | 72.99 1.42 0.00 N | 63.05 1.45 0.00 N | 64.98 1.84 0.00 N | 51.26 1.54 0.00 N | 46.68 1.28 0.00 N | 48.63 1.04 0.00 N | 46.36 1.10 0.00 N | 51.34 1.13 0.00 N | 64.35 1.65 0.00 N | 82.21 2.89 0.00 N | 98.40 3.44 0.00 N | 70.73 2.31 0.00 N | 73.77 2.43 0.00 N | 58.38 1.74 0.00 N | 61.57 1.47 0.00 N | 34.39 0.65 0.00 N | 40.16 0.80 0.00 N |
| FAR ROCKAWAY___4 23548 | 64.61 5.51 -3.07 N | 61.66 4.47 -10.84 N | 61.40 3.91 -15.03 N | 60.22 4.05 -9.60 N | 91.59 7.15 -0.01 N | 102.44 7.71 0.03 N | 131.49 7.10 0.11 N | 78.00 4.96 -1.48 N | 71.02 4.72 -4.70 N | 102.71 6.67 -32.90 N | 79.84 4.99 -25.13 N | 81.03 4.67 -30.96 N | 84.10 4.47 -32.04 N | 94.75 4.43 -45.07 N | 79.55 4.59 -24.76 N | 97.26 6.15 -28.41 N | 105.89 9.04 -17.52 N | 127.62 10.68 -21.98 N | 106.55 7.23 -30.90 N | 96.22 7.21 -17.67 N | 92.21 5.54 -30.02 N | 78.45 5.43 -12.91 N | 59.40 3.25 -22.42 N | 58.01 3.80 -14.84 N |
| FENNER___WINDPWR 24204 | 56.92 0.90 0.00 N | 47.12 0.77 0.00 N | 43.19 0.73 0.00 N | 47.47 0.90 0.00 N | 86.13 1.71 0.00 N | 96.65 1.89 0.00 N | 127.03 2.53 0.00 N | 73.16 1.60 0.00 N | 63.23 1.64 0.00 N | 64.58 1.43 0.00 N | 50.59 0.86 0.00 N | 46.21 0.81 0.00 N | 48.81 1.22 0.00 N | 46.40 1.15 0.00 N | 51.51 1.30 0.00 N | 64.00 1.29 0.00 N | 80.34 1.02 0.00 N | 96.23 1.28 0.00 N | 69.30 0.88 0.00 N | 72.27 0.92 0.00 N | 57.38 0.74 0.00 N | 61.15 1.05 0.00 N | 34.39 0.65 0.00 N | 40.09 0.72 0.00 N |
| FIBERTEK___ENERGY 23856 | 54.28 -1.75 0.00 N | 44.92 -1.44 0.00 N | 41.17 -1.29 0.00 N | 45.14 -1.43 0.00 N | 81.73 -2.69 0.00 N | 91.88 -2.88 0.00 N | 121.13 -3.37 0.00 N | 69.73 -1.83 0.00 N | 60.02 -1.58 0.00 N | 61.30 -1.84 0.00 N | 48.26 -1.47 0.00 N | 44.10 -1.29 0.00 N | 46.31 -1.28 0.00 N | 44.02 -1.24 0.00 N | 48.85 -1.36 0.00 N | 60.85 -1.85 0.00 N | 76.91 -2.41 0.00 N | 92.29 -2.67 0.00 N | 66.62 -1.80 0.00 N | 69.41 -1.94 0.00 N | 55.00 -1.64 0.00 N | 58.27 -1.83 0.00 N | 32.75 -0.98 0.00 N | 38.23 -1.14 0.00 N |
| FITZPATRICK___ 23598 | 53.49 -2.53 0.00 N | 44.28 -2.08 0.00 N | 40.57 -1.89 0.00 N | 44.46 -2.11 0.00 N | 80.55 -3.87 0.00 N | 90.51 -4.25 0.00 N | 119.00 -5.50 0.00 N | 68.42 -3.14 0.00 N | 58.82 -2.78 0.00 N | 60.18 -2.96 0.00 N | 47.46 -2.26 0.00 N | 43.38 -2.02 0.00 N | 45.41 -2.18 0.00 N | 43.19 -2.07 0.00 N | 47.90 -2.30 0.00 N | 59.83 -2.88 0.00 N | 75.77 -3.55 0.00 N | 90.76 -4.20 0.00 N | 65.47 -2.95 0.00 N | 68.23 -3.12 0.00 N | 54.09 -2.56 0.00 N | 57.26 -2.84 0.00 N | 32.20 -1.53 0.00 N | 37.67 -1.70 0.00 N |
| FORT ORANGE___ 23900 | 61.62 5.59 0.00 N | 50.83 4.48 0.00 N | 46.50 4.04 0.00 N | 51.21 4.64 0.00 N | 93.16 8.74 0.00 N | 103.72 8.96 0.00 N | 134.94 10.44 0.00 N | 77.79 6.22 0.00 N | 67.43 5.83 0.00 N | 69.44 6.29 0.00 N | 54.28 4.55 0.00 N | 49.40 4.00 0.00 N | 52.36 4.77 0.00 N | 49.79 4.53 0.00 N | 55.20 4.99 0.00 N | 68.86 6.15 0.00 N | 86.21 6.89 0.00 N | 102.40 7.44 0.00 N | 73.42 5.00 0.00 N | 76.71 5.36 0.00 N | 61.41 4.77 0.00 N | 65.79 5.69 0.00 N | 37.22 3.48 0.00 N | 43.43 4.06 0.00 N |
| FORT_DRUM_COGEN 23780 | 55.31 -0.72 0.00 N | 45.63 -0.73 0.00 N | 41.76 -0.70 0.00 N | 46.11 -0.46 0.00 N | 83.73 -0.69 0.00 N | 93.58 -1.17 0.00 N | 122.21 -2.29 0.00 N | 70.66 -0.91 0.00 N | 61.29 -0.31 0.00 N | 62.34 -0.80 0.00 N | 48.44 -1.29 0.00 N | 44.21 -1.19 0.00 N | 47.36 -0.23 0.00 N | 44.98 -0.27 0.00 N | 50.04 -0.16 0.00 N | 61.71 -0.99 0.00 N | 76.21 -3.11 0.00 N | 91.30 -3.66 0.00 N | 65.74 -2.68 0.00 N | 68.69 -2.65 0.00 N | 55.06 -1.59 0.00 N | 59.38 -0.72 0.00 N | 33.53 -0.21 0.00 N | 38.99 -0.38 0.00 N |
| FPL_FAR_ROCK_GT1 24212 | 64.61 5.51 -3.07 N | 61.66 4.47 -10.84 N | 61.40 3.91 -15.03 N | 60.22 4.05 -9.60 N | 91.59 7.15 -0.01 N | 102.44 7.71 0.03 N | 131.49 7.10 0.11 N | 78.00 4.96 -1.48 N | 71.02 4.72 -4.70 N | 102.71 6.67 -32.90 N | 79.84 4.99 -25.13 N | 81.03 4.67 -30.96 N | 84.10 4.47 -32.04 N | 94.75 4.43 -45.07 N | 79.55 4.59 -24.76 N | 97.26 6.15 -28.41 N | 105.89 9.04 -17.52 N | 127.62 10.68 -21.98 N | 106.55 7.23 -30.90 N | 96.22 7.21 -17.67 N | 92.21 5.54 -30.02 N | 78.45 5.43 -12.91 N | 59.40 3.25 -22.42 N | 58.01 3.80 -14.84 N |

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| FPL FAR_ROCK_GT2 23815 | 64.61 5.51 -3.07 N | 61.66 4.47 -10.84 N | 61.40 3.91 -15.03 N | 60.22 4.05 -9.60 N | 91.59 7.15 -0.01 N | 102.44 7.71 0.03 N | 131.49 7.10 0.11 N | 78.00 4.96 -1.48 N | 71.02 4.72 -4.70 N | 102.71 6.67 -32.90 N | 79.84 4.99 -25.13 N | 81.03 4.67 -30.96 N | 84.10 4.47 -32.04 N | 94.75 4.43 -45.07 N | 79.55 4.59 -24.76 N | 97.26 6.15 -28.41 N | 105.89 9.04 -17.52 N | 127.62 10.68 -21.98 N | 106.55 7.23 -30.90 N | 96.22 7.21 -17.67 N | 92.21 5.54 -30.02 N | 78.45 5.43 -12.91 N | 59.40 3.25 -22.42 N | 58.01 3.80 -14.84 N |
| FRANKLIN_FALL_HYD 24054 | 56.24 0.22 0.00 N | 46.60 0.24 0.00 N | 42.63 0.17 0.00 N | 46.87 0.30 0.00 N | 84.89 0.47 0.00 N | 94.98 0.22 0.00 N | 124.73 0.23 0.00 N | 71.87 0.31 0.00 N | 61.78 0.18 0.00 N | 63.22 0.07 0.00 N | 49.55 -0.18 0.00 N | 45.15 -0.25 0.00 N | 47.69 0.10 0.00 N | 45.29 0.03 0.00 N | 50.34 0.13 0.00 N | 62.72 0.01 0.00 N | 78.53 -0.79 0.00 N | 94.07 -0.88 0.00 N | 67.86 -0.56 0.00 N | 70.81 -0.54 0.00 N | 56.43 -0.21 0.00 N | 60.28 0.18 0.00 N | 33.87 0.13 0.00 N | 39.45 0.08 0.00 N |
| FREEPORT_EQUS_GT1 23764 | 63.83 4.73 -3.07 N | 61.08 3.89 -10.84 N | 60.90 3.41 -15.03 N | 59.68 3.52 -9.60 N | 90.62 6.18 -0.01 N | 101.17 6.67 0.26 N | 130.98 7.53 1.05 N | 77.60 4.56 -1.48 N | 71.25 4.95 -4.70 N | 101.98 5.93 -32.90 N | 79.83 4.98 -25.13 N | 80.99 4.63 -30.96 N | 84.06 4.43 -32.04 N | 94.74 4.41 -45.07 N | 79.53 4.56 -24.76 N | 97.17 6.06 -28.41 N | 105.34 8.50 -17.52 N | 126.84 9.90 -21.98 N | 106.01 6.69 -30.90 N | 95.68 6.66 -17.67 N | 91.88 5.22 -30.02 N | 78.31 5.29 -12.91 N | 58.92 2.76 -22.42 N | 57.46 3.24 -14.84 N |
| FULTON COGEN____ 23766 | 54.50 -1.53 0.00 N | 45.12 -1.24 0.00 N | 41.30 -1.16 0.00 N | 45.32 -1.25 0.00 N | 82.13 -2.29 0.00 N | 92.21 -2.55 0.00 N | 121.24 -3.26 0.00 N | 69.79 -1.77 0.00 N | 60.15 -1.45 0.00 N | 61.43 -1.72 0.00 N | 48.29 -1.44 0.00 N | 44.13 -1.26 0.00 N | 46.42 -1.17 0.00 N | 44.13 -1.12 0.00 N | 48.98 -1.22 0.00 N | 61.00 -1.70 0.00 N | 76.87 -2.45 0.00 N | 92.12 -2.84 0.00 N | 66.43 -1.99 0.00 N | 69.25 -2.09 0.00 N | 54.98 -1.66 0.00 N | 58.42 -1.68 0.00 N | 32.86 -0.87 0.00 N | 38.32 -1.05 0.00 N |
| Freeport____CT2 23818 | 63.83 4.73 -3.07 N | 61.08 3.89 -10.84 N | 60.90 3.41 -15.03 N | 59.68 3.52 -9.60 N | 90.62 6.18 -0.01 N | 101.17 6.67 0.26 N | 130.98 7.53 1.05 N | 77.60 4.56 -1.48 N | 71.25 4.95 -4.70 N | 101.98 5.93 -32.90 N | 79.83 4.98 -25.13 N | 80.99 4.63 -30.96 N | 84.06 4.43 -32.04 N | 94.74 4.41 -45.07 N | 79.53 4.56 -24.76 N | 97.17 6.06 -28.41 N | 105.34 8.50 -17.52 N | 126.84 9.90 -21.98 N | 106.01 6.69 -30.90 N | 95.68 6.66 -17.67 N | 91.88 5.22 -30.02 N | 78.31 5.29 -12.91 N | 58.92 2.76 -22.42 N | 57.46 3.24 -14.84 N |
| G.F.CEMENT____DRP 24184 | 61.08 5.06 0.00 N | 50.47 4.12 0.00 N | 46.24 3.78 0.00 N | 51.22 4.65 0.00 N | 93.42 9.00 0.00 N | 103.77 9.01 0.00 N | 135.75 11.25 0.00 N | 77.91 6.34 0.00 N | 66.95 5.35 0.00 N | 69.21 6.06 0.00 N | 54.16 4.44 0.00 N | 48.81 3.42 0.00 N | 51.86 4.27 0.00 N | 49.27 4.01 0.00 N | 54.67 4.46 0.00 N | 68.45 5.75 0.00 N | 86.19 6.86 0.00 N | 102.34 7.38 0.00 N | 73.74 5.32 0.00 N | 77.24 5.89 0.00 N | 61.87 5.23 0.00 N | 66.14 6.04 0.00 N | 37.31 3.58 0.00 N | 43.45 4.08 0.00 N |
| GARDENVILLE____LBMP 24039 | 49.60 -6.42 0.00 N | 41.52 -4.83 0.00 N | 38.19 -4.27 0.00 N | 41.66 -4.91 0.00 N | 75.02 -9.40 0.00 N | 85.04 -9.72 0.00 N | 113.68 -10.82 0.00 N | 65.23 -6.34 0.00 N | 55.36 -6.24 0.00 N | 56.14 -7.00 0.00 N | 44.65 -5.08 0.00 N | 40.85 -4.55 0.00 N | 42.42 -5.18 0.00 N | 40.25 -5.00 0.00 N | 44.77 -5.43 0.00 N | 55.81 -6.89 0.00 N | 71.24 -8.09 0.00 N | 86.09 -8.87 0.00 N | 62.73 -5.69 0.00 N | 65.27 -6.08 0.00 N | 51.24 -5.41 0.00 N | 53.61 -6.49 0.00 N | 29.85 -3.89 0.00 N | 35.10 -4.27 0.00 N |
| GENERAL____MILLS 23808 | 51.45 -4.58 0.00 N | 42.92 -3.43 0.00 N | 39.49 -2.98 0.00 N | 43.13 -3.44 0.00 N | 77.49 -6.93 0.00 N | 87.49 -7.27 0.00 N | 117.44 -7.06 0.00 N | 67.82 -3.75 0.00 N | 57.86 -3.74 0.00 N | 58.87 -4.27 0.00 N | 46.73 -2.99 0.00 N | 42.72 -2.68 0.00 N | 44.35 -3.24 0.00 N | 42.09 -3.17 0.00 N | 46.73 -3.47 0.00 N | 58.29 -4.41 0.00 N | 74.54 -4.79 0.00 N | 90.27 -4.69 0.00 N | 65.65 -2.77 0.00 N | 68.07 -3.28 0.00 N | 53.50 -3.15 0.00 N | 55.98 -4.13 0.00 N | 31.12 -2.62 0.00 N | 36.46 -2.91 0.00 N |
| GE_PLASTICS____DRP 24183 | 60.30 4.27 0.00 N | 49.83 3.48 0.00 N | 45.66 3.20 0.00 N | 50.35 3.78 0.00 N | 91.53 7.11 0.00 N | 101.24 6.48 0.00 N | 130.17 5.67 0.00 N | 74.83 3.26 0.00 N | 64.65 3.06 0.00 N | 66.44 3.29 0.00 N | 51.91 2.18 0.00 N | 47.23 1.83 0.00 N | 50.15 2.56 0.00 N | 47.64 2.38 0.00 N | 52.87 2.66 0.00 N | 65.89 3.18 0.00 N | 82.18 2.86 0.00 N | 97.48 2.53 0.00 N | 70.03 1.61 0.00 N | 73.25 1.91 0.00 N | 58.74 2.10 0.00 N | 63.31 3.21 0.00 N | 36.23 2.49 0.00 N | 42.54 3.17 0.00 N |
| GILBOA____1 23756 | 59.81 3.79 0.00 N | 49.56 3.21 0.00 N | 45.52 3.06 0.00 N | 50.15 3.58 0.00 N | 91.36 6.94 0.00 N | 101.19 6.43 0.00 N | 130.81 6.31 0.00 N | 75.13 3.56 0.00 N | 64.94 3.34 0.00 N | 66.70 3.55 0.00 N | 52.11 2.39 0.00 N | 47.54 2.14 0.00 N | 50.45 2.86 0.00 N | 47.92 2.67 0.00 N | 53.16 2.96 0.00 N | 66.22 3.52 0.00 N | 82.37 3.04 0.00 N | 97.38 2.42 0.00 N | 69.88 1.46 0.00 N | 73.22 1.87 0.00 N | 58.83 2.19 0.00 N | 63.35 3.25 0.00 N | 35.99 2.25 0.00 N | 42.15 2.78 0.00 N |
| GILBOA____2 23757 | 59.81 3.79 0.00 N | 49.56 3.21 0.00 N | 45.52 3.06 0.00 N | 50.15 3.58 0.00 N | 91.36 6.94 0.00 N | 101.19 6.43 0.00 N | 130.81 6.31 0.00 N | 75.13 3.56 0.00 N | 64.94 3.34 0.00 N | 66.70 3.55 0.00 N | 52.11 2.39 0.00 N | 47.54 2.14 0.00 N | 50.45 2.86 0.00 N | 47.92 2.67 0.00 N | 53.16 2.96 0.00 N | 66.22 3.52 0.00 N | 82.37 3.04 0.00 N | 97.38 2.42 0.00 N | 69.88 1.46 0.00 N | 73.22 1.87 0.00 N | 58.83 2.19 0.00 N | 63.35 3.25 0.00 N | 35.99 2.25 0.00 N | 42.15 2.78 0.00 N |
| GILBOA____3 23758 | 59.81 3.79 0.00 N | 49.56 3.21 0.00 N | 45.52 3.06 0.00 N | 50.15 3.58 0.00 N | 91.36 6.94 0.00 N | 101.19 6.43 0.00 N | 130.81 6.31 0.00 N | 75.13 3.56 0.00 N | 64.94 3.34 0.00 N | 66.70 3.55 0.00 N | 52.11 2.39 0.00 N | 47.54 2.14 0.00 N | 50.45 2.86 0.00 N | 47.92 2.67 0.00 N | 53.16 2.96 0.00 N | 66.22 3.52 0.00 N | 82.37 3.04 0.00 N | 97.38 2.42 0.00 N | 69.88 1.46 0.00 N | 73.22 1.87 0.00 N | 58.83 2.19 0.00 N | 63.35 3.25 0.00 N | 35.99 2.25 0.00 N | 42.15 2.78 0.00 N |
| GILBOA____4 23759 | 59.81 3.79 0.00 N | 49.56 3.21 0.00 N | 45.52 3.06 0.00 N | 50.15 3.58 0.00 N | 91.36 6.94 0.00 N | 101.19 6.43 0.00 N | 130.81 6.31 0.00 N | 75.13 3.56 0.00 N | 64.94 3.34 0.00 N | 66.70 3.55 0.00 N | 52.11 2.39 0.00 N | 47.54 2.14 0.00 N | 50.45 2.86 0.00 N | 47.92 2.67 0.00 N | 53.16 2.96 0.00 N | 66.22 3.52 0.00 N | 82.37 3.04 0.00 N | 97.38 2.42 0.00 N | 69.88 1.46 0.00 N | 73.22 1.87 0.00 N | 58.83 2.19 0.00 N | 63.35 3.25 0.00 N | 35.99 2.25 0.00 N | 42.15 2.78 0.00 N |

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| GILBOA____ 23599 | 59.81 3.79 0.00 N | 49.56 3.21 0.00 N | 45.52 3.06 0.00 N | 50.15 3.58 0.00 N | 91.36 6.94 0.00 N | 101.19 6.43 0.00 N | 130.81 6.31 0.00 N | 75.13 3.56 0.00 N | 64.94 3.34 0.00 N | 66.70 3.55 0.00 N | 52.11 2.39 0.00 N | 47.54 2.14 0.00 N | 50.45 2.86 0.00 N | 47.92 2.67 0.00 N | 53.16 2.96 0.00 N | 66.22 3.52 0.00 N | 82.37 3.04 0.00 N | 97.38 2.42 0.00 N | 69.88 1.46 0.00 N | 73.22 1.87 0.00 N | 58.83 2.19 0.00 N | 63.35 3.25 0.00 N | 35.99 2.25 0.00 N | 42.15 2.78 0.00 N |
| GINNA____ 23603 | 53.81 -2.22 0.00 N | 44.47 -1.89 0.00 N | 40.75 -1.71 0.00 N | 44.91 -1.66 0.00 N | 81.27 -3.15 0.00 N | 90.86 -3.90 0.00 N | 120.08 -4.42 0.00 N | 69.93 -1.64 0.00 N | 60.02 -1.57 0.00 N | 61.21 -1.94 0.00 N | 47.97 -1.75 0.00 N | 43.86 -1.54 0.00 N | 46.71 -0.88 0.00 N | 44.17 -1.09 0.00 N | 49.17 -1.04 0.00 N | 60.93 -1.77 0.00 N | 75.75 -3.57 0.00 N | 90.69 -4.27 0.00 N | 65.57 -2.85 0.00 N | 68.23 -3.12 0.00 N | 54.53 -2.11 0.00 N | 58.33 -1.77 0.00 N | 32.89 -0.85 0.00 N | 38.33 -1.04 0.00 N |
| GLEN PARK____ 23778 | 55.90 -0.13 0.00 N | 46.08 -0.28 0.00 N | 42.17 -0.29 0.00 N | 46.57 0.00 0.00 N | 84.58 0.16 0.00 N | 94.52 -0.23 0.00 N | 123.45 -1.05 0.00 N | 71.39 -0.18 0.00 N | 61.92 0.32 0.00 N | 62.99 -0.15 0.00 N | 48.95 -0.78 0.00 N | 44.68 -0.72 0.00 N | 47.90 0.31 0.00 N | 45.49 0.23 0.00 N | 50.58 0.37 0.00 N | 62.34 -0.37 0.00 N | 76.93 -2.40 0.00 N | 92.18 -2.78 0.00 N | 66.39 -2.03 0.00 N | 69.37 -1.98 0.00 N | 55.60 -1.04 0.00 N | 60.02 -0.08 0.00 N | 33.90 0.16 0.00 N | 39.42 0.05 0.00 N |
| GLENWOOD_IC_1_G5 23712 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.78 6.48 0.20 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| GLENWOOD_IC_2_G1 23688 | 63.94 4.96 -2.96 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.39 6.63 0.00 N | 130.98 6.48 0.00 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| GLENWOOD_IC_3_G1 23689 | 63.94 4.96 -2.96 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.39 6.63 0.00 N | 130.98 6.48 0.00 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| GLENWOOD____4 23550 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.77 6.48 0.21 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| GLENWOOD____5 23614 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.77 6.48 0.21 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| GLOBAL GREEN_PORT_GT1 23814 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| GOUDEY____7 23579 | 56.94 0.91 0.00 N | 46.98 0.62 0.00 N | 42.98 0.52 0.00 N | 46.92 0.35 0.00 N | 85.33 0.91 0.00 N | 96.71 1.95 0.00 N | 127.95 3.45 0.00 N | 73.15 1.58 0.00 N | 63.36 1.76 0.00 N | 65.00 1.85 0.00 N | 51.19 1.47 0.00 N | 46.69 1.29 0.00 N | 48.81 1.22 0.00 N | 46.52 1.26 0.00 N | 51.47 1.27 0.00 N | 64.32 1.61 0.00 N | 82.06 2.73 0.00 N | 98.37 3.41 0.00 N | 70.77 2.35 0.00 N | 73.95 2.60 0.00 N | 58.35 1.70 0.00 N | 61.48 1.37 0.00 N | 34.31 0.57 0.00 N | 40.00 0.63 0.00 N |
| GOUDEY____8 23580 | 56.66 0.63 0.00 N | 46.69 0.33 0.00 N | 42.73 0.27 0.00 N | 46.64 0.07 0.00 N | 84.74 0.32 0.00 N | 96.02 1.26 0.00 N | 127.01 2.51 0.00 N | 72.60 1.04 0.00 N | 62.89 1.29 0.00 N | 64.52 1.38 0.00 N | 50.81 1.09 0.00 N | 46.37 0.98 0.00 N | 48.59 1.00 0.00 N | 46.31 1.05 0.00 N | 51.21 1.01 0.00 N | 63.91 1.21 0.00 N | 81.45 2.12 0.00 N | 97.61 2.65 0.00 N | 70.23 1.81 0.00 N | 73.38 2.04 0.00 N | 57.90 1.26 0.00 N | 61.03 0.92 0.00 N | 34.11 0.38 0.00 N | 39.80 0.43 0.00 N |
| GOWANUS_GT_1_GRP 23732 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT_2_GRP 23617 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |

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|-------|------------------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|
| 23618 | GOWANUS_GT_3_GRP | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 23751 | GOWANUS_GT_4_GRP | 76.11 | 73.83 | 71.85 | 63.03 | 95.10 | 102.47 | 134.62 | 90.75 | 103.38 | 141.06 | 100.55 | 95.39 | 99.64 | 143.07 | 118.37 | 143.69 | 211.65 | 213.44 | 205.80 | 168.04 | 86.42 | 88.32 | 75.37 | 77.08 |
| | | 4.50 | 3.54 | 3.01 | 3.02 | 5.51 | 6.75 | 8.65 | 4.96 | 5.32 | 6.22 | 5.19 | 4.88 | 4.73 | 4.80 | 5.03 | 6.58 | 9.54 | 11.39 | 7.66 | 7.67 | 5.66 | 5.48 | 2.67 | 3.04 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24077 | GOWANUS_GT1_1 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24078 | GOWANUS_GT1_2 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24079 | GOWANUS_GT1_3 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24080 | GOWANUS_GT1_4 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24084 | GOWANUS_GT1_5 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24111 | GOWANUS_GT1_6 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24112 | GOWANUS_GT1_7 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24113 | GOWANUS_GT1_8 | 76.07 | 73.80 | 71.83 | 63.01 | 95.05 | 102.41 | 134.53 | 90.70 | 103.32 | 141.01 | 100.51 | 95.35 | 99.60 | 143.02 | 118.33 | 143.63 | 211.57 | 213.34 | 205.73 | 167.97 | 86.37 | 88.27 | 75.35 | 77.06 |
| | | 4.46 | 3.51 | 2.98 | 2.99 | 5.46 | 6.70 | 8.56 | 4.90 | 5.27 | 6.17 | 5.14 | 4.84 | 4.69 | 4.76 | 4.98 | 6.52 | 9.46 | 11.29 | 7.59 | 7.60 | 5.61 | 5.43 | 2.65 | 3.01 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24114 | GOWANUS_GT2_1 | 76.11 | 73.83 | 71.85 | 63.03 | 95.10 | 102.47 | 134.62 | 90.75 | 103.38 | 141.06 | 100.55 | 95.39 | 99.64 | 143.07 | 118.37 | 143.69 | 211.65 | 213.44 | 205.80 | 168.04 | 86.42 | 88.32 | 75.37 | 77.08 |
| | | 4.50 | 3.54 | 3.01 | 3.02 | 5.51 | 6.75 | 8.65 | 4.96 | 5.32 | 6.22 | 5.19 | 4.88 | 4.73 | 4.80 | 5.03 | 6.58 | 9.54 | 11.39 | 7.66 | 7.67 | 5.66 | 5.48 | 2.67 | 3.04 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24115 | GOWANUS_GT2_2 | 76.11 | 73.83 | 71.85 | 63.03 | 95.10 | 102.47 | 134.62 | 90.75 | 103.38 | 141.06 | 100.55 | 95.39 | 99.64 | 143.07 | 118.37 | 143.69 | 211.65 | 213.44 | 205.80 | 168.04 | 86.42 | 88.32 | 75.37 | 77.08 |
| | | 4.50 | 3.54 | 3.01 | 3.02 | 5.51 | 6.75 | 8.65 | 4.96 | 5.32 | 6.22 | 5.19 | 4.88 | 4.73 | 4.80 | 5.03 | 6.58 | 9.54 | 11.39 | 7.66 | 7.67 | 5.66 | 5.48 | 2.67 | 3.04 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| 24116 | GOWANUS_GT2_3 | 76.11 | 73.83 | 71.85 | 63.03 | 95.10 | 102.47 | 134.62 | 90.75 | 103.38 | 141.06 | 100.55 | 95.39 | 99.64 | 143.07 | 118.37 | 143.69 | 211.65 | 213.44 | 205.80 | 168.04 | 86.42 | 88.32 | 75.37 | 77.08 |
| | | 4.50 | 3.54 | 3.01 | 3.02 | 5.51 | 6.75 | 8.65 | 4.96 | 5.32 | 6.22 | 5.19 | 4.88 | 4.73 | 4.80 | 5.03 | 6.58 | 9.54 | 11.39 | 7.66 | 7.67 | 5.66 | 5.48 | 2.67 | 3.04 |
| | | -15.58 | -23.93 | -26.38 | -13.45 | -5.17 | -0.95 | -1.47 | -14.23 | -36.46 | -71.70 | -45.64 | -45.12 | -47.32 | -93.01 | -63.13 | -74.40 | -122.79 | -107.09 | -129.72 | -89.03 | -24.11 | -22.75 | -38.96 | -34.68 |
| | | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| GOWANUS_GT2_4 24117 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT2_5 24118 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT2_6 24119 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT2_7 24120 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT2_8 24121 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT3_1 24122 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_2 24123 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_3 24124 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_4 24125 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_5 24126 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_6 24127 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_7 24128 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |
| GOWANUS_GT3_8 24129 | 76.07 4.46 -15.58 N | 73.80 3.51 -23.93 N | 71.83 2.98 -26.38 N | 63.01 2.99 -13.45 N | 95.05 5.46 -5.17 N | 102.41 6.70 -0.95 N | 134.53 8.56 -1.47 N | 90.70 4.90 -14.23 N | 103.32 5.27 -36.46 N | 141.01 6.17 -71.70 N | 100.51 5.14 -45.64 N | 95.35 4.84 -45.12 N | 99.60 4.69 -47.32 N | 143.02 4.76 -93.01 N | 118.33 4.98 -63.13 N | 143.63 6.52 -74.40 N | 211.57 9.46 -122.79 N | 213.34 11.29 -107.09 N | 205.73 7.59 -129.72 N | 167.97 7.60 -89.03 N | 86.37 5.61 -24.11 N | 88.27 5.43 -22.75 N | 75.35 2.65 -38.96 N | 77.06 3.01 -34.68 N |

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| GOWANUS_GT4_1 24130 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_2 24131 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_3 24132 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_4 24133 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_5 24134 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_6 24135 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_7 24136 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GOWANUS_GT4_8 24137 | 76.11 4.50 -15.58 N | 73.83 3.54 -23.93 N | 71.85 3.01 -26.38 N | 63.03 3.02 -13.45 N | 95.10 5.51 -5.17 N | 102.47 6.75 -0.95 N | 134.62 8.65 -1.47 N | 90.75 4.96 -14.23 N | 103.38 5.32 -36.46 N | 141.06 6.22 -71.70 N | 100.55 5.19 -45.64 N | 95.39 4.88 -45.12 N | 99.64 4.73 -47.32 N | 143.07 4.80 -93.01 N | 118.37 5.03 -63.13 N | 143.69 6.58 -74.40 N | 211.65 9.54 -122.79 N | 213.44 11.39 -107.09 N | 205.80 7.66 -129.72 N | 168.04 7.67 -89.03 N | 86.42 5.66 -24.11 N | 88.32 5.48 -22.75 N | 75.37 2.67 -38.96 N | 77.08 3.04 -34.68 N |
| GRAHMSVILLE___HY 23607 | 59.44 3.41 0.00 N | 48.99 2.63 0.00 N | 44.72 2.26 0.00 N | 48.82 2.25 0.00 N | 88.57 4.15 0.00 N | 100.13 5.37 0.00 N | 133.04 8.54 0.00 N | 76.52 4.96 0.00 N | 66.41 4.81 0.00 N | 68.68 5.53 0.00 N | 54.31 4.59 0.00 N | 49.62 4.22 0.00 N | 51.47 3.88 0.00 N | 49.12 3.86 0.00 N | 54.23 4.03 0.00 N | 68.03 5.33 0.00 N | 87.58 8.25 0.00 N | 105.44 10.48 0.00 N | 75.62 7.20 0.00 N | 78.74 7.39 0.00 N | 62.07 5.43 0.00 N | 65.04 4.94 0.00 N | 35.99 2.25 0.00 N | 41.73 2.36 0.00 N |
| GREENIDGE___3 23582 | 53.95 -2.08 0.00 N | 44.38 -1.98 0.00 N | 40.67 -1.79 0.00 N | 44.46 -2.11 0.00 N | 79.64 -4.78 0.00 N | 90.18 -4.58 0.00 N | 120.44 -4.06 0.00 N | 69.48 -2.09 0.00 N | 59.73 -1.87 0.00 N | 61.15 -1.99 0.00 N | 48.29 -1.43 0.00 N | 44.26 -1.13 0.00 N | 46.79 -0.80 0.00 N | 44.56 -0.70 0.00 N | 49.32 -0.89 0.00 N | 61.21 -1.49 0.00 N | 77.67 -1.66 0.00 N | 93.15 -1.81 0.00 N | 67.34 -1.08 0.00 N | 70.02 -1.33 0.00 N | 55.18 -1.46 0.00 N | 57.98 -2.12 0.00 N | 32.51 -1.23 0.00 N | 38.28 -1.09 0.00 N |
| GREENIDGE___4 23583 | 53.75 -2.28 0.00 N | 44.16 -2.20 0.00 N | 40.48 -1.99 0.00 N | 44.24 -2.33 0.00 N | 79.06 -5.36 0.00 N | 89.50 -5.26 0.00 N | 119.54 -4.96 0.00 N | 68.96 -2.61 0.00 N | 59.28 -2.32 0.00 N | 60.73 -2.41 0.00 N | 47.95 -1.78 0.00 N | 43.99 -1.40 0.00 N | 46.65 -0.94 0.00 N | 44.44 -0.82 0.00 N | 49.15 -1.05 0.00 N | 60.92 -1.78 0.00 N | 77.20 -2.12 0.00 N | 92.46 -2.50 0.00 N | 66.84 -1.58 0.00 N | 69.50 -1.85 0.00 N | 54.78 -1.87 0.00 N | 57.54 -2.56 0.00 N | 32.34 -1.40 0.00 N | 38.11 -1.26 0.00 N |
| HARZA MOOSE___RIVER 24016 | 57.10 1.07 0.00 N | 47.21 0.86 0.00 N | 43.25 0.79 0.00 N | 47.56 0.99 0.00 N | 86.32 1.90 0.00 N | 96.72 1.96 0.00 N | 126.79 2.29 0.00 N | 73.04 1.48 0.00 N | 63.16 1.56 0.00 N | 64.51 1.37 0.00 N | 50.47 0.74 0.00 N | 46.07 0.68 0.00 N | 48.77 1.18 0.00 N | 46.36 1.11 0.00 N | 51.50 1.29 0.00 N | 63.97 1.26 0.00 N | 80.11 0.79 0.00 N | 95.90 0.94 0.00 N | 69.04 0.62 0.00 N | 72.05 0.71 0.00 N | 57.37 0.73 0.00 N | 61.30 1.20 0.00 N | 34.47 0.74 0.00 N | 40.17 0.80 0.00 N |
| HEMPSTEAD____ 23647 | 63.52 4.44 -3.06 N | 60.83 3.63 -10.84 N | 60.66 3.18 -15.03 N | 59.42 3.26 -9.60 N | 90.19 5.76 -0.01 N | 100.93 6.33 0.16 N | 131.21 7.35 0.64 N | 77.45 4.41 -1.48 N | 71.08 4.78 -4.70 N | 101.89 5.85 -32.90 N | 79.74 4.89 -25.13 N | 80.88 4.52 -30.96 N | 83.96 4.33 -32.04 N | 94.65 4.32 -45.07 N | 79.45 4.48 -24.76 N | 97.07 5.95 -28.41 N | 105.44 8.60 -17.52 N | 127.05 10.11 -21.98 N | 106.16 6.85 -30.90 N | 95.83 6.81 -17.67 N | 91.94 5.28 -30.02 N | 78.18 5.17 -12.91 N | 58.76 2.61 -22.42 N | 57.19 2.98 -14.84 N |

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| HICKLING___1 23621 | 56.11 0.09 0.00 N | 46.33 -0.03 0.00 N | 42.36 -0.11 0.00 N | 46.22 -0.35 0.00 N | 83.88 -0.54 0.00 N | 95.44 0.68 0.00 N | 127.31 2.81 0.00 N | 73.03 1.46 0.00 N | 63.07 1.48 0.00 N | 64.56 1.41 0.00 N | 50.94 1.21 0.00 N | 46.47 1.07 0.00 N | 48.38 0.79 0.00 N | 46.11 0.86 0.00 N | 51.07 0.87 0.00 N | 63.83 1.12 0.00 N | 81.75 2.42 0.00 N | 98.54 3.59 0.00 N | 71.03 2.61 0.00 N | 74.01 2.66 0.00 N | 58.17 1.53 0.00 N | 61.06 0.96 0.00 N | 33.86 0.13 0.00 N | 39.36 -0.01 0.00 N |
| HICKLING___2 23622 | 56.13 0.10 0.00 N | 46.34 -0.02 0.00 N | 42.37 -0.10 0.00 N | 46.23 -0.34 0.00 N | 83.90 -0.52 0.00 N | 95.46 0.70 0.00 N | 127.34 2.84 0.00 N | 73.05 1.48 0.00 N | 63.09 1.49 0.00 N | 64.58 1.43 0.00 N | 50.95 1.22 0.00 N | 46.49 1.09 0.00 N | 48.40 0.81 0.00 N | 46.13 0.87 0.00 N | 51.09 0.88 0.00 N | 63.85 1.14 0.00 N | 81.77 2.45 0.00 N | 98.58 3.62 0.00 N | 71.05 2.63 0.00 N | 74.04 2.69 0.00 N | 58.19 1.55 0.00 N | 61.08 0.98 0.00 N | 33.87 0.14 0.00 N | 39.37 0.00 0.00 N |
| HIGH FALLS___HY 23754 | 57.77 1.74 0.00 N | 47.77 1.41 0.00 N | 43.74 1.28 0.00 N | 47.89 1.32 0.00 N | 86.91 2.49 0.00 N | 97.72 2.96 0.00 N | 128.56 4.06 0.00 N | 73.74 2.18 0.00 N | 63.62 2.02 0.00 N | 65.42 2.28 0.00 N | 51.56 1.83 0.00 N | 47.09 1.69 0.00 N | 49.18 1.59 0.00 N | 46.85 1.59 0.00 N | 51.95 1.74 0.00 N | 65.01 2.31 0.00 N | 83.00 3.68 0.00 N | 99.57 4.61 0.00 N | 71.62 3.20 0.00 N | 74.68 3.34 0.00 N | 59.08 2.43 0.00 N | 62.32 2.22 0.00 N | 34.84 1.10 0.00 N | 40.67 1.30 0.00 N |
| HILLBURN___GT 23639 | 57.93 1.90 0.00 N | 47.80 1.45 0.00 N | 43.65 1.19 0.00 N | 47.67 1.10 0.00 N | 86.44 2.02 0.00 N | 97.60 2.84 0.00 N | 129.25 4.75 0.00 N | 74.13 2.57 0.00 N | 64.25 2.65 0.00 N | 66.20 3.06 0.00 N | 52.31 2.59 0.00 N | 47.78 2.38 0.00 N | 49.56 1.97 0.00 N | 47.28 2.02 0.00 N | 52.30 2.10 0.00 N | 65.56 2.85 0.00 N | 84.09 4.76 0.00 N | 101.03 6.07 0.00 N | 72.56 4.14 0.00 N | 75.66 4.31 0.00 N | 59.73 3.09 0.00 N | 62.75 2.65 0.00 N | 34.81 1.07 0.00 N | 40.49 1.12 0.00 N |
| HOLTSVIL 1-5___GRP1 24031 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVIL6-10___GRP2 24032 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_1 23690 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_10 23699 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_2 23691 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_3 23692 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_4 23693 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_5 23694 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_6 23695 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |

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| HOLTSVILLE_IC_7 23696 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_8 23697 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HOLTSVILLE_IC_9 23698 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.78 6.03 2.01 N | 120.67 4.29 8.12 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| HQ_GEN_CEDARS 23644 | 57.48 1.45 0.00 N | 47.49 1.13 0.00 N | 43.49 1.02 0.00 N | 47.91 1.34 0.00 N | 86.92 2.50 0.00 N | 97.18 2.42 0.00 N | 127.86 3.36 0.00 N | 73.55 1.98 0.00 N | 63.23 1.63 0.00 N | 64.19 1.05 0.00 N | 50.00 0.28 0.00 N | 45.63 0.23 0.00 N | 48.43 0.83 0.00 N | 45.85 0.59 0.00 N | 51.03 0.82 0.00 N | 63.44 0.74 0.00 N | 78.76 -0.56 0.00 N | 94.52 -0.44 0.00 N | 68.08 -0.34 0.00 N | 70.98 -0.37 0.00 N | 56.91 0.27 0.00 N | 61.38 1.28 0.00 N | 34.59 0.85 0.00 N | 40.25 0.88 0.00 N |
| HQ_GEN_CHAT DC 23651 | 55.57 -0.45 0.00 N | 46.02 -0.34 0.00 N | 42.15 -0.32 0.00 N | 46.26 -0.31 0.00 N | 83.73 -0.69 0.00 N | 57.00 -0.20 9.78 N | 62.01 -10.75 904.76 N | 71.11 -0.45 0.00 N | 60.87 -0.73 0.00 N | 62.28 -0.87 0.00 N | 49.04 -0.69 0.00 N | 44.78 -0.61 0.00 N | 47.02 -0.57 0.00 N | 44.63 -0.62 0.00 N | 49.63 -0.58 0.00 N | 61.90 -0.80 0.00 N | 56.63 -1.48 0.90 N | 93.39 -1.57 0.00 N | 67.41 -1.01 0.00 N | 70.27 -1.08 0.00 N | 55.95 -0.70 0.00 N | 59.60 -0.50 0.00 N | 37.68 -0.05 8.68 N | 34.35 -0.14 0.76 N |
| HUDAV+59+74_TH_GRP 23620 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| HUDSON AVE_GT_3 23810 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| HUDSON AVE_GT_4 23540 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| HUDSON AVE_GT_5 23657 | 59.95 3.92 0.00 N | 49.41 3.05 0.00 N | 45.04 2.58 0.00 N | 49.14 2.57 0.00 N | 89.10 4.68 0.00 N | 100.58 5.82 0.00 N | 131.98 7.48 0.00 N | 75.88 4.32 0.00 N | 66.21 4.61 0.00 N | 68.61 5.46 0.00 N | 54.29 4.57 0.00 N | 49.67 4.28 0.00 N | 51.66 4.07 0.00 N | 49.39 4.13 0.00 N | 54.51 4.30 0.00 N | 68.42 5.72 0.00 N | 87.80 8.47 0.00 N | 105.24 10.29 0.00 N | 75.32 6.90 0.00 N | 78.20 6.85 0.00 N | 61.65 5.01 0.00 N | 64.83 4.73 0.00 N | 36.02 2.29 0.00 N | 41.95 2.58 0.00 N |
| HUDSON_AVE_10 24168 | 59.44 3.42 0.00 N | 49.03 2.67 0.00 N | 44.71 2.25 0.00 N | 48.79 2.22 0.00 N | 88.45 4.03 0.00 N | 99.75 4.99 0.00 N | 130.95 6.45 0.00 N | 75.34 3.78 0.00 N | 65.68 4.08 0.00 N | 68.08 4.94 0.00 N | 53.79 4.06 0.00 N | 49.17 3.77 0.00 N | 51.14 3.55 0.00 N | 48.88 3.62 0.00 N | 53.94 3.73 0.00 N | 67.71 5.01 0.00 N | 86.84 7.52 0.00 N | 104.15 9.20 0.00 N | 74.57 6.15 0.00 N | 77.43 6.08 0.00 N | 61.07 4.43 0.00 N | 64.18 4.08 0.00 N | 35.74 2.01 0.00 N | 41.61 2.24 0.00 N |
| HUNTLEY___63 23557 | 51.53 -4.50 0.00 N | 43.01 -3.35 0.00 N | 39.55 -2.91 0.00 N | 43.22 -3.35 0.00 N | 77.56 -6.86 0.00 N | 87.53 -7.23 0.00 N | 117.65 -6.85 0.00 N | 68.03 -3.53 0.00 N | 57.92 -3.68 0.00 N | 58.93 -4.21 0.00 N | 46.84 -2.89 0.00 N | 42.81 -2.59 0.00 N | 44.50 -3.09 0.00 N | 42.14 -3.12 0.00 N | 46.86 -3.34 0.00 N | 58.45 -4.25 0.00 N | 74.59 -4.73 0.00 N | 90.19 -4.76 0.00 N | 65.63 -2.79 0.00 N | 68.01 -3.34 0.00 N | 53.53 -3.12 0.00 N | 56.04 -4.07 0.00 N | 31.18 -2.56 0.00 N | 36.59 -2.78 0.00 N |
| HUNTLEY___64 23558 | 51.53 -4.50 0.00 N | 43.01 -3.35 0.00 N | 39.55 -2.91 0.00 N | 43.22 -3.35 0.00 N | 77.56 -6.86 0.00 N | 87.53 -7.23 0.00 N | 117.65 -6.85 0.00 N | 68.03 -3.53 0.00 N | 57.92 -3.68 0.00 N | 58.93 -4.21 0.00 N | 46.84 -2.89 0.00 N | 42.81 -2.59 0.00 N | 44.50 -3.09 0.00 N | 42.14 -3.12 0.00 N | 46.86 -3.34 0.00 N | 58.45 -4.25 0.00 N | 74.59 -4.73 0.00 N | 90.19 -4.76 0.00 N | 65.63 -2.79 0.00 N | 68.01 -3.34 0.00 N | 53.53 -3.12 0.00 N | 56.04 -4.07 0.00 N | 31.18 -2.56 0.00 N | 36.59 -2.78 0.00 N |
| HUNTLEY___65 23559 | 51.53 -4.50 0.00 N | 43.01 -3.35 0.00 N | 39.55 -2.91 0.00 N | 43.22 -3.35 0.00 N | 77.56 -6.86 0.00 N | 87.53 -7.23 0.00 N | 117.65 -6.85 0.00 N | 68.03 -3.53 0.00 N | 57.92 -3.68 0.00 N | 58.93 -4.21 0.00 N | 46.84 -2.89 0.00 N | 42.81 -2.59 0.00 N | 44.50 -3.09 0.00 N | 42.14 -3.12 0.00 N | 46.86 -3.34 0.00 N | 58.45 -4.25 0.00 N | 74.59 -4.73 0.00 N | 90.19 -4.76 0.00 N | 65.63 -2.79 0.00 N | 68.01 -3.34 0.00 N | 53.53 -3.12 0.00 N | 56.04 -4.07 0.00 N | 31.18 -2.56 0.00 N | 36.59 -2.78 0.00 N |

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| HUNTLEY___66 23560 | 51.53 -4.50 0.00 N | 43.01 -3.35 0.00 N | 39.55 -2.91 0.00 N | 43.22 -3.35 0.00 N | 77.56 -6.86 0.00 N | 87.53 -7.23 0.00 N | 117.65 -6.85 0.00 N | 68.03 -3.53 0.00 N | 57.92 -3.68 0.00 N | 58.93 -4.21 0.00 N | 46.84 -2.89 0.00 N | 42.81 -2.59 0.00 N | 44.50 -3.09 0.00 N | 42.14 -3.12 0.00 N | 46.86 -3.34 0.00 N | 58.45 -4.25 0.00 N | 74.59 -4.73 0.00 N | 90.19 -4.76 0.00 N | 65.63 -2.79 0.00 N | 68.01 -3.34 0.00 N | 53.53 -3.12 0.00 N | 56.04 -4.07 0.00 N | 31.18 -2.56 0.00 N | 36.59 -2.78 0.00 N |
| HUNTLEY___67 23561 | 50.49 -5.53 0.00 N | 42.22 -4.14 0.00 N | 38.88 -3.58 0.00 N | 42.48 -4.08 0.00 N | 76.15 -8.27 0.00 N | 85.84 -8.92 0.00 N | 115.27 -9.23 0.00 N | 66.58 -4.99 0.00 N | 56.62 -4.97 0.00 N | 57.53 -5.61 0.00 N | 45.73 -4.00 0.00 N | 41.80 -3.59 0.00 N | 43.43 -4.16 0.00 N | 41.15 -4.11 0.00 N | 45.74 -4.47 0.00 N | 57.03 -5.68 0.00 N | 72.81 -6.51 0.00 N | 88.06 -6.90 0.00 N | 64.12 -4.30 0.00 N | 66.48 -4.87 0.00 N | 52.32 -4.33 0.00 N | 54.76 -5.34 0.00 N | 30.51 -3.23 0.00 N | 35.88 -3.49 0.00 N |
| HUNTLEY___68 23562 | 50.49 -5.53 0.00 N | 42.22 -4.14 0.00 N | 38.88 -3.59 0.00 N | 42.48 -4.08 0.00 N | 76.15 -8.27 0.00 N | 85.84 -8.92 0.00 N | 115.27 -9.23 0.00 N | 66.57 -4.99 0.00 N | 56.62 -4.98 0.00 N | 57.53 -5.61 0.00 N | 45.72 -4.00 0.00 N | 41.80 -3.59 0.00 N | 43.43 -4.16 0.00 N | 41.15 -4.11 0.00 N | 45.74 -4.47 0.00 N | 57.02 -5.68 0.00 N | 72.81 -6.52 0.00 N | 88.05 -6.91 0.00 N | 64.12 -4.30 0.00 N | 66.47 -4.87 0.00 N | 52.32 -4.33 0.00 N | 54.76 -5.34 0.00 N | 30.51 -3.23 0.00 N | 35.88 -3.49 0.00 N |
| INDECK___CORINTH 23802 | 60.77 4.74 0.00 N | 50.16 3.81 0.00 N | 45.95 3.48 0.00 N | 50.87 4.30 0.00 N | 92.75 8.33 0.00 N | 103.22 8.46 0.00 N | 135.36 10.86 0.00 N | 77.89 6.33 0.00 N | 66.94 5.34 0.00 N | 69.08 5.93 0.00 N | 54.02 4.29 0.00 N | 48.77 3.37 0.00 N | 51.82 4.23 0.00 N | 49.24 3.98 0.00 N | 54.64 4.44 0.00 N | 68.33 5.62 0.00 N | 85.95 6.62 0.00 N | 102.29 7.33 0.00 N | 73.69 5.27 0.00 N | 77.12 5.77 0.00 N | 61.72 5.07 0.00 N | 65.98 5.88 0.00 N | 37.19 3.45 0.00 N | 43.28 3.91 0.00 N |
| INDECK___ILION 23567 | 58.05 2.02 0.00 N | 47.98 1.62 0.00 N | 43.93 1.47 0.00 N | 48.17 1.60 0.00 N | 87.53 3.11 0.00 N | 98.20 3.44 0.00 N | 129.00 4.50 0.00 N | 73.99 2.43 0.00 N | 63.86 2.26 0.00 N | 65.73 2.59 0.00 N | 51.78 2.06 0.00 N | 47.18 1.78 0.00 N | 49.38 1.79 0.00 N | 47.02 1.76 0.00 N | 52.07 1.86 0.00 N | 65.27 2.57 0.00 N | 83.10 3.78 0.00 N | 99.38 4.43 0.00 N | 71.45 3.03 0.00 N | 74.55 3.20 0.00 N | 59.06 2.42 0.00 N | 62.43 2.33 0.00 N | 35.01 1.28 0.00 N | 40.82 1.45 0.00 N |
| INDECK___OLEAN 23982 | 56.50 0.47 0.00 N | 46.73 0.37 0.00 N | 42.83 0.37 0.00 N | 46.68 0.11 0.00 N | 84.56 0.14 0.00 N | 96.10 1.34 0.00 N | 126.82 2.32 0.00 N | 72.59 1.02 0.00 N | 62.12 0.52 0.00 N | 63.55 0.41 0.00 N | 50.38 0.65 0.00 N | 46.24 0.84 0.00 N | 47.83 0.24 0.00 N | 45.92 0.66 0.00 N | 50.86 0.66 0.00 N | 63.42 0.72 0.00 N | 81.61 2.29 0.00 N | 99.16 4.20 0.00 N | 71.57 3.15 0.00 N | 74.56 3.22 0.00 N | 58.39 1.75 0.00 N | 61.05 0.95 0.00 N | 33.77 0.04 0.00 N | 39.06 -0.31 0.00 N |
| INDECK___OSWEGO 23783 | 54.49 -1.53 0.00 N | 45.09 -1.27 0.00 N | 41.31 -1.16 0.00 N | 45.33 -1.24 0.00 N | 82.15 -2.27 0.00 N | 92.21 -2.54 0.00 N | 121.13 -3.37 0.00 N | 69.73 -1.83 0.00 N | 60.07 -1.53 0.00 N | 61.36 -1.79 0.00 N | 48.23 -1.49 0.00 N | 44.08 -1.32 0.00 N | 46.37 -1.22 0.00 N | 44.08 -1.18 0.00 N | 48.93 -1.28 0.00 N | 60.93 -1.77 0.00 N | 76.75 -2.57 0.00 N | 91.96 -3.00 0.00 N | 66.32 -2.10 0.00 N | 69.14 -2.20 0.00 N | 54.92 -1.72 0.00 N | 58.39 -1.71 0.00 N | 32.86 -0.87 0.00 N | 38.32 -1.05 0.00 N |
| INDECK___YERKES 23781 | 51.49 -4.54 0.00 N | 42.98 -3.38 0.00 N | 39.52 -2.94 0.00 N | 43.20 -3.37 0.00 N | 77.50 -6.92 0.00 N | 87.46 -7.30 0.00 N | 117.57 -6.93 0.00 N | 67.99 -3.58 0.00 N | 57.88 -3.72 0.00 N | 58.89 -4.25 0.00 N | 46.80 -2.92 0.00 N | 42.78 -2.62 0.00 N | 44.47 -3.12 0.00 N | 42.10 -3.15 0.00 N | 46.83 -3.38 0.00 N | 58.41 -4.29 0.00 N | 74.53 -4.79 0.00 N | 90.12 -4.84 0.00 N | 65.57 -2.85 0.00 N | 67.95 -3.40 0.00 N | 53.48 -3.16 0.00 N | 55.99 -4.11 0.00 N | 31.16 -2.58 0.00 N | 36.58 -2.79 0.00 N |
| INDIAN POINT_GT_1 24139 | 58.80 2.78 0.00 N | 48.50 2.14 0.00 N | 44.26 1.80 0.00 N | 48.32 1.75 0.00 N | 87.62 3.20 0.00 N | 98.86 4.10 0.00 N | 130.11 5.61 0.00 N | 74.73 3.17 0.00 N | 65.00 3.40 0.00 N | 67.20 4.06 0.00 N | 53.14 3.41 0.00 N | 48.56 3.16 0.00 N | 50.47 2.88 0.00 N | 48.19 2.94 0.00 N | 53.23 3.03 0.00 N | 66.80 4.09 0.00 N | 85.63 6.31 0.00 N | 102.66 7.70 0.00 N | 73.59 5.17 0.00 N | 76.56 5.21 0.00 N | 60.43 3.79 0.00 N | 63.58 3.48 0.00 N | 35.33 1.60 0.00 N | 41.15 1.78 0.00 N |
| INDIAN POINT_GT_2 23659 | 58.80 2.78 0.00 N | 48.50 2.14 0.00 N | 44.26 1.80 0.00 N | 48.32 1.75 0.00 N | 87.62 3.20 0.00 N | 98.86 4.10 0.00 N | 130.11 5.61 0.00 N | 74.73 3.17 0.00 N | 65.00 3.40 0.00 N | 67.20 4.06 0.00 N | 53.14 3.41 0.00 N | 48.56 3.16 0.00 N | 50.47 2.88 0.00 N | 48.19 2.94 0.00 N | 53.23 3.03 0.00 N | 66.80 4.09 0.00 N | 85.63 6.31 0.00 N | 102.66 7.70 0.00 N | 73.59 5.17 0.00 N | 76.56 5.21 0.00 N | 60.43 3.79 0.00 N | 63.58 3.48 0.00 N | 35.33 1.60 0.00 N | 41.15 1.78 0.00 N |
| INDIAN POINT_GT_3 24019 | 58.80 2.78 0.00 N | 48.50 2.14 0.00 N | 44.26 1.80 0.00 N | 48.32 1.75 0.00 N | 87.62 3.20 0.00 N | 98.86 4.10 0.00 N | 130.11 5.61 0.00 N | 74.73 3.17 0.00 N | 65.00 3.40 0.00 N | 67.20 4.06 0.00 N | 53.14 3.41 0.00 N | 48.56 3.16 0.00 N | 50.47 2.88 0.00 N | 48.19 2.94 0.00 N | 53.23 3.03 0.00 N | 66.80 4.09 0.00 N | 85.63 6.31 0.00 N | 102.66 7.70 0.00 N | 73.59 5.17 0.00 N | 76.56 5.21 0.00 N | 60.43 3.79 0.00 N | 63.58 3.48 0.00 N | 35.33 1.60 0.00 N | 41.15 1.78 0.00 N |
| INDIAN POINT___2 23530 | 58.43 2.40 0.00 N | 48.19 1.83 0.00 N | 43.97 1.51 0.00 N | 48.00 1.43 0.00 N | 87.05 2.63 0.00 N | 98.24 3.48 0.00 N | 129.37 4.87 0.00 N | 74.30 2.74 0.00 N | 64.63 3.03 0.00 N | 66.81 3.66 0.00 N | 52.82 3.10 0.00 N | 48.28 2.88 0.00 N | 50.17 2.58 0.00 N | 47.90 2.65 0.00 N | 52.91 2.70 0.00 N | 66.39 3.69 0.00 N | 85.12 5.79 0.00 N | 102.06 7.10 0.00 N | 73.17 4.75 0.00 N | 76.13 4.78 0.00 N | 60.09 3.44 0.00 N | 63.23 3.12 0.00 N | 35.15 1.42 0.00 N | 40.90 1.53 0.00 N |
| INDIAN POINT___3 23531 | 58.34 2.31 0.00 N | 48.12 1.76 0.00 N | 43.91 1.45 0.00 N | 47.95 1.38 0.00 N | 86.95 2.53 0.00 N | 98.10 3.34 0.00 N | 129.13 4.63 0.00 N | 74.15 2.59 0.00 N | 64.47 2.87 0.00 N | 66.64 3.50 0.00 N | 52.69 2.96 0.00 N | 48.14 2.74 0.00 N | 50.04 2.45 0.00 N | 47.78 2.52 0.00 N | 52.78 2.57 0.00 N | 66.22 3.52 0.00 N | 84.88 5.56 0.00 N | 101.76 6.80 0.00 N | 72.96 4.54 0.00 N | 75.92 4.57 0.00 N | 59.93 3.28 0.00 N | 63.06 2.96 0.00 N | 35.06 1.32 0.00 N | 40.80 1.43 0.00 N |

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| INDIAN PT_GT_GRP 23687 | 58.80 2.78 0.00 N | 48.50 2.14 0.00 N | 44.26 1.80 0.00 N | 48.32 1.75 0.00 N | 87.62 3.20 0.00 N | 98.86 4.10 0.00 N | 130.11 5.61 0.00 N | 74.73 3.17 0.00 N | 65.00 3.40 0.00 N | 67.20 4.06 0.00 N | 53.14 3.41 0.00 N | 48.56 3.16 0.00 N | 50.47 2.88 0.00 N | 48.19 2.94 0.00 N | 53.23 3.03 0.00 N | 66.80 4.09 0.00 N | 85.63 6.31 0.00 N | 102.66 7.70 0.00 N | 73.59 5.17 0.00 N | 76.56 5.21 0.00 N | 60.43 3.79 0.00 N | 63.58 3.48 0.00 N | 35.33 1.60 0.00 N | 41.15 1.78 0.00 N |
| IP CORINTH___1 23988 | 60.77 4.74 0.00 N | 50.16 3.81 0.00 N | 45.95 3.48 0.00 N | 50.87 4.30 0.00 N | 92.75 8.33 0.00 N | 103.22 10.86 0.00 N | 135.36 10.86 0.00 N | 77.89 6.33 0.00 N | 66.94 5.34 0.00 N | 69.08 5.93 0.00 N | 54.02 4.29 0.00 N | 48.77 3.37 0.00 N | 51.82 4.23 0.00 N | 49.24 3.98 0.00 N | 54.64 4.44 0.00 N | 68.33 5.62 0.00 N | 85.95 6.63 0.00 N | 102.29 7.33 0.00 N | 73.69 5.27 0.00 N | 77.12 5.77 0.00 N | 61.72 5.08 0.00 N | 65.98 5.88 0.00 N | 37.19 3.45 0.00 N | 43.28 3.91 0.00 N |
| IP___TICONDEROGA 23804 | 61.16 5.13 0.00 N | 50.74 4.38 0.00 N | 46.52 4.06 0.00 N | 51.73 5.16 0.00 N | 94.40 9.98 0.00 N | 104.21 9.45 0.00 N | 135.24 10.74 0.00 N | 76.88 5.32 0.00 N | 65.92 4.33 0.00 N | 68.60 5.45 0.00 N | 53.80 4.07 0.00 N | 48.11 2.71 0.00 N | 51.13 3.54 0.00 N | 48.55 3.30 0.00 N | 53.92 3.72 0.00 N | 67.86 5.16 0.00 N | 85.56 6.24 0.00 N | 100.84 5.88 0.00 N | 72.82 4.40 0.00 N | 76.59 5.25 0.00 N | 61.57 4.92 0.00 N | 65.92 5.82 0.00 N | 37.22 3.48 0.00 N | 43.48 4.11 0.00 N |
| JARVIS____ 23743 | 56.41 0.39 0.00 N | 46.67 0.31 0.00 N | 42.75 0.29 0.00 N | 46.88 0.31 0.00 N | 85.04 0.62 0.00 N | 95.41 0.65 0.00 N | 125.28 0.78 0.00 N | 71.96 0.39 0.00 N | 62.00 0.40 0.00 N | 63.63 0.49 0.00 N | 50.12 0.39 0.00 N | 45.74 0.35 0.00 N | 47.92 0.33 0.00 N | 45.59 0.34 0.00 N | 50.55 0.34 0.00 N | 63.19 0.49 0.00 N | 80.08 0.76 0.00 N | 95.79 0.84 0.00 N | 68.97 0.55 0.00 N | 71.94 0.59 0.00 N | 57.08 0.44 0.00 N | 60.52 0.42 0.00 N | 33.99 0.25 0.00 N | 39.67 0.30 0.00 N |
| JENNISON___1 23625 | 58.47 2.44 0.00 N | 48.26 1.90 0.00 N | 44.17 1.70 0.00 N | 48.34 1.77 0.00 N | 87.99 3.57 0.00 N | 99.48 4.72 0.00 N | 131.89 7.39 0.00 N | 75.88 4.32 0.00 N | 65.66 4.07 0.00 N | 67.57 4.43 0.00 N | 53.26 3.54 0.00 N | 48.54 3.14 0.00 N | 50.74 3.15 0.00 N | 48.31 3.05 0.00 N | 53.50 3.29 0.00 N | 66.87 4.17 0.00 N | 85.25 5.93 0.00 N | 102.15 7.19 0.00 N | 73.51 5.09 0.00 N | 76.63 5.29 0.00 N | 60.48 3.84 0.00 N | 63.72 3.62 0.00 N | 35.50 1.76 0.00 N | 41.26 1.89 0.00 N |
| JENNISON___2 23626 | 58.40 2.37 0.00 N | 48.20 1.84 0.00 N | 44.12 1.65 0.00 N | 48.28 1.71 0.00 N | 87.90 3.48 0.00 N | 99.37 4.61 0.00 N | 131.68 7.18 0.00 N | 75.73 4.17 0.00 N | 65.55 3.95 0.00 N | 67.46 4.32 0.00 N | 53.17 3.45 0.00 N | 48.45 3.06 0.00 N | 50.65 3.06 0.00 N | 48.23 2.97 0.00 N | 53.41 3.20 0.00 N | 66.77 4.06 0.00 N | 85.11 5.78 0.00 N | 101.95 6.99 0.00 N | 73.35 4.93 0.00 N | 76.48 5.13 0.00 N | 60.37 3.73 0.00 N | 63.61 3.51 0.00 N | 35.43 1.70 0.00 N | 41.21 1.84 0.00 N |
| KEDC PORT_JEFF_GT2 24210 | 63.94 4.82 -3.09 N | 61.34 4.14 -10.84 N | 61.20 3.71 -15.03 N | 60.02 3.86 -9.60 N | 91.11 6.67 -0.01 N | 99.01 6.29 2.04 N | 120.91 4.69 8.28 N | 75.97 2.93 -1.48 N | 70.12 3.82 -4.70 N | 101.64 5.60 -32.90 N | 79.80 4.95 -25.13 N | 81.00 4.64 -30.96 N | 84.37 4.74 -32.04 N | 95.07 4.74 -45.07 N | 79.91 4.95 -24.76 N | 97.34 6.23 -28.41 N | 104.90 8.06 -17.52 N | 125.33 8.39 -21.98 N | 104.66 5.35 -30.90 N | 93.89 4.88 -17.67 N | 91.23 4.57 -30.02 N | 77.58 4.56 -12.91 N | 58.73 2.58 -22.42 N | 57.23 3.01 -14.84 N |
| KEDC PORT_JEFF_GT3 24211 | 63.94 4.82 -3.09 N | 61.34 4.14 -10.84 N | 61.20 3.71 -15.03 N | 60.02 3.86 -9.60 N | 91.11 6.67 -0.01 N | 99.01 6.29 2.04 N | 120.91 4.69 8.28 N | 75.97 2.93 -1.48 N | 70.12 3.82 -4.70 N | 101.64 5.60 -32.90 N | 79.80 4.95 -25.13 N | 81.00 4.64 -30.96 N | 84.37 4.74 -32.04 N | 95.07 4.74 -45.07 N | 79.91 4.95 -24.76 N | 97.34 6.23 -28.41 N | 104.90 8.06 -17.52 N | 125.33 8.39 -21.98 N | 104.66 5.35 -30.90 N | 93.89 4.88 -17.67 N | 91.23 4.57 -30.02 N | 77.58 4.56 -12.91 N | 58.73 2.58 -22.42 N | 57.23 3.01 -14.84 N |
| KEDC_GLWD_GRP 24221 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.78 6.48 0.20 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.66 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| KEDC_GLWD_GT4 24219 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.78 6.48 0.20 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| KEDC_GLWD_GT5 24220 | 64.02 4.96 -3.03 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 101.34 6.63 0.05 N | 130.78 6.48 0.20 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| KENSICO____ 23655 | 59.26 3.23 0.00 N | 48.87 2.51 0.00 N | 44.59 2.12 0.00 N | 48.67 2.10 0.00 N | 88.25 3.83 0.00 N | 99.53 4.78 0.00 N | 130.85 6.35 0.00 N | 75.19 3.63 0.00 N | 65.46 3.86 0.00 N | 67.74 4.59 0.00 N | 53.57 3.85 0.00 N | 48.97 3.57 0.00 N | 50.91 3.32 0.00 N | 48.62 3.37 0.00 N | 53.70 3.49 0.00 N | 67.39 4.69 0.00 N | 86.40 7.08 0.00 N | 103.55 8.59 0.00 N | 74.20 5.78 0.00 N | 77.15 5.80 0.00 N | 60.89 4.25 0.00 N | 64.08 3.97 0.00 N | 35.62 1.89 0.00 N | 41.49 2.12 0.00 N |
| KIAC_JFK_AIRPORT 23541 | 58.91 2.88 0.00 N | 48.67 2.31 0.00 N | 44.42 1.96 0.00 N | 48.48 1.91 0.00 N | 87.83 3.41 0.00 N | 98.91 4.15 0.00 N | 129.96 5.46 0.00 N | 74.75 3.18 0.00 N | 87.06 3.42 -22.04 N | 132.46 4.31 -65.01 N | 76.25 3.41 -23.12 N | 68.99 3.09 -20.50 N | 76.57 2.84 -26.14 N | 135.56 2.94 -87.36 N | 105.97 2.94 -52.82 N | 122.55 4.04 -55.81 N | 104.95 6.19 -19.43 N | 102.71 7.75 0.00 N | 132.90 5.17 -59.31 N | 138.13 5.03 -61.76 N | 66.27 3.63 -5.99 N | 70.21 3.18 -6.92 N | 72.38 1.70 -36.95 N | 61.76 1.88 -20.51 N |

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| KIAC_JFK_GT1 23816 | 58.91 2.88 0.00 N | 48.67 2.31 0.00 N | 44.42 1.96 0.00 N | 48.48 1.91 0.00 N | 87.83 3.41 0.00 N | 98.91 4.15 0.00 N | 129.96 5.46 0.00 N | 74.75 3.18 0.00 N | 87.06 3.42 0.00 N | 132.46 4.31 0.00 N | 76.25 3.41 0.00 N | 68.99 3.09 0.00 N | 76.57 2.84 0.00 N | 135.56 2.94 0.00 N | 105.97 2.94 0.00 N | 122.55 4.04 0.00 N | 104.95 6.19 0.00 N | 102.71 7.75 0.00 N | 132.90 5.17 0.00 N | 138.13 5.03 0.00 N | 66.27 3.63 0.00 N | 70.21 3.18 0.00 N | 72.38 1.70 0.00 N | 61.76 1.88 0.00 N |
| KIAC_JFK_GT2 23817 | 58.91 2.88 0.00 N | 48.67 2.31 0.00 N | 44.42 1.96 0.00 N | 48.48 1.91 0.00 N | 87.83 3.41 0.00 N | 98.91 4.15 0.00 N | 129.96 5.46 0.00 N | 74.75 3.18 0.00 N | 87.06 3.42 0.00 N | 132.46 4.31 0.00 N | 76.25 3.41 0.00 N | 68.99 3.09 0.00 N | 76.57 2.84 0.00 N | 135.56 2.94 0.00 N | 105.97 2.94 0.00 N | 122.55 4.04 0.00 N | 104.95 6.19 0.00 N | 102.71 7.75 0.00 N | 132.90 5.17 0.00 N | 138.13 5.03 0.00 N | 66.27 3.63 0.00 N | 70.21 3.18 0.00 N | 72.38 1.70 0.00 N | 61.76 1.88 0.00 N |
| KINTIGH____ 23543 | 49.97 -6.06 0.00 N | 41.79 -4.57 0.00 N | 38.41 -4.06 0.00 N | 41.92 -4.65 0.00 N | 75.49 -8.93 0.00 N | 85.53 -9.23 0.00 N | 114.34 -10.16 0.00 N | 65.66 -5.91 0.00 N | 55.76 -5.84 0.00 N | 56.59 -6.56 0.00 N | 44.98 -4.74 0.00 N | 41.14 -4.26 0.00 N | 42.77 -4.82 0.00 N | 40.56 -4.70 0.00 N | 45.12 -5.09 0.00 N | 56.26 -6.44 0.00 N | 71.76 -7.56 0.00 N | 86.66 -8.30 0.00 N | 63.11 -5.31 0.00 N | 65.67 -5.68 0.00 N | 51.59 -5.05 0.00 N | 54.03 -6.07 0.00 N | 30.10 -3.63 0.00 N | 35.39 -3.97 0.00 N |
| LEDERLE____ 23769 | 58.52 2.49 0.00 N | 48.25 1.89 0.00 N | 44.06 1.59 0.00 N | 48.08 1.51 0.00 N | 87.20 2.78 0.00 N | 98.53 3.77 0.00 N | 130.73 6.23 0.00 N | 75.14 3.57 0.00 N | 65.17 3.57 0.00 N | 67.36 4.22 0.00 N | 53.25 3.53 0.00 N | 48.64 3.24 0.00 N | 50.45 2.86 0.00 N | 48.15 2.89 0.00 N | 53.17 2.97 0.00 N | 66.66 3.96 0.00 N | 85.64 6.32 0.00 N | 102.99 8.03 0.00 N | 73.92 5.50 0.00 N | 77.01 5.67 0.00 N | 60.72 4.08 0.00 N | 63.67 3.57 0.00 N | 35.32 1.58 0.00 N | 40.95 1.58 0.00 N |
| LINDEN COGEN____ 23786 | 59.71 3.68 0.00 N | 49.22 2.86 0.00 N | 44.87 2.41 0.00 N | 48.95 2.38 0.00 N | 88.76 4.34 0.00 N | 100.19 5.43 0.00 N | 131.38 6.88 0.00 N | 75.48 3.91 0.00 N | 65.85 4.25 0.00 N | 68.22 5.08 0.00 N | 53.98 4.26 0.00 N | 49.39 3.99 0.00 N | 51.36 3.77 0.00 N | 49.10 3.84 0.00 N | 54.19 3.99 0.00 N | 68.03 5.32 0.00 N | 87.28 7.96 0.00 N | 104.59 9.64 0.00 N | 74.86 6.44 0.00 N | 77.77 6.42 0.00 N | 61.31 4.66 0.00 N | 64.51 4.41 0.00 N | 35.89 2.16 0.00 N | 41.81 2.44 0.00 N |
| LIPA_MISC_IPP 23656 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.75 5.95 1.97 N | 119.77 3.22 7.95 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| LITTLE FALLS____HYD 24013 | 60.52 4.50 0.00 N | 49.94 3.59 0.00 N | 45.69 3.23 0.00 N | 50.08 3.51 0.00 N | 91.24 6.82 0.00 N | 102.41 7.65 0.00 N | 134.67 10.17 0.00 N | 77.02 5.46 0.00 N | 66.63 5.03 0.00 N | 69.00 5.86 0.00 N | 54.44 4.72 0.00 N | 49.46 4.06 0.00 N | 51.59 4.00 0.00 N | 49.19 3.94 0.00 N | 54.34 4.14 0.00 N | 68.49 5.79 0.00 N | 88.06 8.73 0.00 N | 105.23 10.27 0.00 N | 75.47 7.05 0.00 N | 78.78 7.43 0.00 N | 62.23 5.58 0.00 N | 65.35 5.24 0.00 N | 36.52 2.78 0.00 N | 42.60 3.23 0.00 N |
| LONG_LAKE_PHOENIX 24014 | 54.55 -1.47 0.00 N | 45.16 -1.20 0.00 N | 41.34 -1.13 0.00 N | 45.36 -1.21 0.00 N | 82.21 -2.21 0.00 N | 92.30 -2.46 0.00 N | 121.35 -3.15 0.00 N | 69.86 -1.71 0.00 N | 60.21 -1.39 0.00 N | 61.49 -1.65 0.00 N | 48.34 -1.39 0.00 N | 44.17 -1.22 0.00 N | 46.47 -1.12 0.00 N | 44.18 -1.08 0.00 N | 49.03 -1.18 0.00 N | 61.06 -1.64 0.00 N | 76.95 -2.37 0.00 N | 92.21 -2.75 0.00 N | 66.50 -1.92 0.00 N | 69.32 -2.03 0.00 N | 55.03 -1.61 0.00 N | 58.48 -1.63 0.00 N | 32.89 -0.84 0.00 N | 38.43 -0.94 0.00 N |
| LOVETT____3 23632 | 58.50 2.47 0.00 N | 48.26 1.90 0.00 N | 44.06 1.60 0.00 N | 48.11 1.54 0.00 N | 87.24 2.82 0.00 N | 98.53 3.77 0.00 N | 130.57 6.07 0.00 N | 74.98 3.42 0.00 N | 65.04 3.45 0.00 N | 67.35 4.21 0.00 N | 53.25 3.52 0.00 N | 48.63 3.23 0.00 N | 50.46 2.87 0.00 N | 48.15 2.89 0.00 N | 53.11 2.90 0.00 N | 66.58 3.88 0.00 N | 85.59 6.26 0.00 N | 102.87 7.91 0.00 N | 73.78 5.36 0.00 N | 76.85 5.51 0.00 N | 60.64 3.99 0.00 N | 63.63 3.53 0.00 N | 35.29 1.56 0.00 N | 40.98 1.61 0.00 N |
| LOVETT____4 23642 | 58.50 2.47 0.00 N | 48.25 1.90 0.00 N | 44.06 1.60 0.00 N | 48.10 1.53 0.00 N | 87.24 2.82 0.00 N | 98.53 3.77 0.00 N | 130.57 6.07 0.00 N | 74.98 3.42 0.00 N | 65.05 3.45 0.00 N | 67.35 4.20 0.00 N | 53.25 3.52 0.00 N | 48.62 3.23 0.00 N | 50.45 2.86 0.00 N | 48.14 2.88 0.00 N | 53.11 2.90 0.00 N | 66.59 3.88 0.00 N | 85.59 6.26 0.00 N | 102.88 7.92 0.00 N | 73.78 5.36 0.00 N | 76.86 5.51 0.00 N | 60.64 4.00 0.00 N | 63.63 3.53 0.00 N | 35.29 1.56 0.00 N | 40.99 1.62 0.00 N |
| LOVETT____5 23593 | 58.51 2.48 0.00 N | 48.26 1.90 0.00 N | 44.06 1.60 0.00 N | 48.11 1.54 0.00 N | 87.25 2.83 0.00 N | 98.54 3.78 0.00 N | 130.58 6.08 0.00 N | 74.99 3.43 0.00 N | 65.05 3.45 0.00 N | 67.35 4.21 0.00 N | 53.25 3.52 0.00 N | 48.63 3.23 0.00 N | 50.46 2.87 0.00 N | 48.15 2.89 0.00 N | 53.11 2.91 0.00 N | 66.59 3.89 0.00 N | 85.59 6.26 0.00 N | 102.87 7.92 0.00 N | 73.79 5.37 0.00 N | 76.86 5.51 0.00 N | 60.65 4.00 0.00 N | 63.64 3.53 0.00 N | 35.30 1.56 0.00 N | 40.99 1.62 0.00 N |
| LOWER RAQUET____HYD 24057 | 55.00 -1.02 0.00 N | 45.53 -0.82 0.00 N | 41.69 -0.78 0.00 N | 45.91 -0.66 0.00 N | 83.15 -1.27 0.00 N | 93.16 -1.60 0.00 N | 122.06 -2.44 0.00 N | 70.40 -1.16 0.00 N | 60.52 -1.08 0.00 N | 61.68 -1.47 0.00 N | 48.20 -1.52 0.00 N | 43.98 -1.42 0.00 N | 46.62 -0.97 0.00 N | 44.24 -1.02 0.00 N | 49.29 -0.92 0.00 N | 61.16 -1.54 0.00 N | 76.03 -3.30 0.00 N | 91.08 -3.88 0.00 N | 65.66 -2.76 0.00 N | 68.52 -2.83 0.00 N | 54.87 -1.78 0.00 N | 59.04 -1.06 0.00 N | 33.20 -0.54 0.00 N | 38.65 -0.72 0.00 N |
| LOWER____HUDSON 24059 | 60.44 4.41 0.00 N | 49.92 3.56 0.00 N | 45.74 3.28 0.00 N | 50.55 3.98 0.00 N | 92.07 7.65 0.00 N | 102.33 7.57 0.00 N | 133.01 8.51 0.00 N | 76.39 4.83 0.00 N | 65.87 4.27 0.00 N | 67.87 4.72 0.00 N | 53.06 3.34 0.00 N | 48.08 2.68 0.00 N | 51.04 3.45 0.00 N | 48.49 3.23 0.00 N | 53.79 3.59 0.00 N | 67.19 4.49 0.00 N | 84.15 4.83 0.00 N | 99.76 4.80 0.00 N | 71.73 3.31 0.00 N | 75.11 3.76 0.00 N | 60.20 3.56 0.00 N | 64.57 4.47 0.00 N | 36.63 2.90 0.00 N | 42.83 3.46 0.00 N |

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| LWR___OSWEGATCHIE_HYD 23850 | 55.42 -0.60 0.00 N | 45.84 -0.52 0.00 N | 41.97 -0.49 0.00 N | 46.26 -0.31 0.00 N | 83.87 -0.55 0.00 N | 93.86 -0.90 0.00 N | 122.46 -2.04 0.00 N | 70.68 -0.89 0.00 N | 61.00 -0.59 0.00 N | 62.12 -1.03 0.00 N | 48.41 -1.32 0.00 N | 44.16 -1.23 0.00 N | 47.02 -0.57 0.00 N | 44.66 -0.59 0.00 N | 49.85 -0.36 0.00 N | 61.70 -1.00 0.00 N | 76.51 -2.81 0.00 N | 91.63 -3.33 0.00 N | 66.01 -2.41 0.00 N | 68.94 -2.41 0.00 N | 55.18 -1.46 0.00 N | 59.43 -0.67 0.00 N | 33.49 -0.25 0.00 N | 38.96 -0.40 0.00 N |
| MG INDUSTRY___DRP 24185 | 59.94 3.91 0.00 N | 49.53 3.17 0.00 N | 45.36 2.90 0.00 N | 49.99 3.42 0.00 N | 90.90 6.48 0.00 N | 100.92 6.16 0.00 N | 130.08 5.58 0.00 N | 74.89 3.32 0.00 N | 64.77 3.17 0.00 N | 66.57 3.43 0.00 N | 52.02 2.29 0.00 N | 47.36 1.96 0.00 N | 50.27 2.68 0.00 N | 47.77 2.52 0.00 N | 53.00 2.80 0.00 N | 66.04 3.34 0.00 N | 82.39 3.07 0.00 N | 97.76 2.80 0.00 N | 70.17 1.75 0.00 N | 73.37 2.03 0.00 N | 58.82 2.18 0.00 N | 63.22 3.12 0.00 N | 35.92 2.19 0.00 N | 42.08 2.71 0.00 N |
| MID___OSWEGATCHIE_HYD 23849 | 55.42 -0.60 0.00 N | 45.84 -0.52 0.00 N | 41.97 -0.49 0.00 N | 46.26 -0.31 0.00 N | 83.87 -0.55 0.00 N | 93.86 -0.90 0.00 N | 122.46 -2.04 0.00 N | 70.68 -0.89 0.00 N | 61.00 -0.59 0.00 N | 62.12 -1.03 0.00 N | 48.41 -1.32 0.00 N | 44.16 -1.23 0.00 N | 47.02 -0.57 0.00 N | 44.66 -0.59 0.00 N | 49.85 -0.36 0.00 N | 61.70 -1.00 0.00 N | 76.51 -2.81 0.00 N | 91.63 -3.33 0.00 N | 66.01 -2.41 0.00 N | 68.94 -2.41 0.00 N | 55.18 -1.46 0.00 N | 59.43 -0.67 0.00 N | 33.49 -0.25 0.00 N | 38.96 -0.40 0.00 N |
| MID___RAQUETTE_HYD 23851 | 55.00 -1.02 0.00 N | 45.53 -0.82 0.00 N | 41.69 -0.78 0.00 N | 45.91 -0.66 0.00 N | 83.15 -1.27 0.00 N | 93.16 -1.60 0.00 N | 122.06 -2.44 0.00 N | 70.40 -1.16 0.00 N | 60.52 -1.08 0.00 N | 61.68 -1.47 0.00 N | 48.20 -1.52 0.00 N | 43.98 -1.42 0.00 N | 46.62 -0.97 0.00 N | 44.24 -1.02 0.00 N | 49.29 -0.92 0.00 N | 61.16 -1.54 0.00 N | 76.03 -3.30 0.00 N | 91.08 -3.88 0.00 N | 65.66 -2.76 0.00 N | 68.52 -2.83 0.00 N | 54.87 -1.78 0.00 N | 59.04 -1.06 0.00 N | 33.20 -0.54 0.00 N | 38.65 -0.72 0.00 N |
| MILLIKEN___1 23584 | 53.14 -2.89 0.00 N | 43.52 -2.84 0.00 N | 39.81 -2.65 0.00 N | 43.74 -2.83 0.00 N | 78.86 -5.56 0.00 N | 88.49 -6.27 0.00 N | 118.54 -5.96 0.00 N | 69.39 -2.17 0.00 N | 59.68 -1.92 0.00 N | 61.10 -2.04 0.00 N | 48.18 -1.55 0.00 N | 44.06 -1.34 0.00 N | 46.12 -1.47 0.00 N | 43.87 -1.39 0.00 N | 48.58 -1.63 0.00 N | 60.44 -2.26 0.00 N | 76.88 -2.45 0.00 N | 93.19 -1.77 0.00 N | 67.18 -1.24 0.00 N | 69.45 -1.90 0.00 N | 54.90 -1.74 0.00 N | 57.78 -2.33 0.00 N | 32.35 -1.39 0.00 N | 37.54 -1.83 0.00 N |
| MILLIKEN___2 23585 | 53.15 -2.88 0.00 N | 43.51 -2.85 0.00 N | 39.81 -2.65 0.00 N | 43.72 -2.85 0.00 N | 78.82 -5.60 0.00 N | 88.45 -6.31 0.00 N | 118.51 -5.99 0.00 N | 69.40 -2.16 0.00 N | 59.67 -1.93 0.00 N | 61.08 -2.06 0.00 N | 48.17 -1.56 0.00 N | 44.04 -1.35 0.00 N | 46.10 -1.49 0.00 N | 43.85 -1.41 0.00 N | 48.56 -1.65 0.00 N | 60.42 -2.28 0.00 N | 76.85 -2.47 0.00 N | 93.15 -1.80 0.00 N | 67.17 -1.25 0.00 N | 69.43 -1.92 0.00 N | 54.89 -1.76 0.00 N | 57.76 -2.34 0.00 N | 32.35 -1.39 0.00 N | 37.54 -1.83 0.00 N |
| MILLIKEN___DIESEL 23629 | 53.15 -2.88 0.00 N | 43.51 -2.85 0.00 N | 39.81 -2.65 0.00 N | 43.72 -2.85 0.00 N | 78.82 -5.60 0.00 N | 88.45 -6.31 0.00 N | 118.51 -5.99 0.00 N | 69.40 -2.16 0.00 N | 59.67 -1.93 0.00 N | 61.08 -2.06 0.00 N | 48.17 -1.56 0.00 N | 44.04 -1.35 0.00 N | 46.10 -1.49 0.00 N | 43.85 -1.41 0.00 N | 48.56 -1.65 0.00 N | 60.42 -2.28 0.00 N | 76.85 -2.47 0.00 N | 93.15 -1.80 0.00 N | 67.17 -1.25 0.00 N | 69.43 -1.92 0.00 N | 54.89 -1.76 0.00 N | 57.76 -2.34 0.00 N | 32.35 -1.39 0.00 N | 37.54 -1.83 0.00 N |
| MODEL_CITY_ENERGY 24167 | 50.63 -5.39 0.00 N | 42.28 -4.07 0.00 N | 38.88 -3.58 0.00 N | 42.50 -4.07 0.00 N | 76.21 -8.22 0.00 N | 85.92 -8.84 0.00 N | 115.47 -9.03 0.00 N | 66.78 -4.79 0.00 N | 56.82 -4.78 0.00 N | 57.77 -5.38 0.00 N | 45.92 -3.80 0.00 N | 41.97 -3.42 0.00 N | 43.65 -3.94 0.00 N | 41.26 -4.00 0.00 N | 45.95 -4.26 0.00 N | 57.34 -5.36 0.00 N | 73.09 -6.23 0.00 N | 88.22 -6.74 0.00 N | 64.22 -4.20 0.00 N | 66.57 -4.77 0.00 N | 52.46 -4.18 0.00 N | 54.95 -5.16 0.00 N | 30.64 -3.09 0.00 N | 36.01 -3.36 0.00 N |
| MOHAWK_PAPER___DRP 24187 | 60.83 4.80 0.00 N | 50.26 3.90 0.00 N | 46.06 3.60 0.00 N | 50.84 4.27 0.00 N | 92.53 8.11 0.00 N | 102.85 8.09 0.00 N | 133.67 9.17 0.00 N | 76.90 5.34 0.00 N | 66.37 4.77 0.00 N | 68.20 5.06 0.00 N | 53.30 3.57 0.00 N | 48.43 3.03 0.00 N | 51.43 3.84 0.00 N | 48.86 3.60 0.00 N | 54.22 4.01 0.00 N | 67.60 4.89 0.00 N | 84.45 5.12 0.00 N | 100.26 5.30 0.00 N | 72.07 3.65 0.00 N | 75.39 4.04 0.00 N | 60.42 3.78 0.00 N | 64.86 4.76 0.00 N | 36.78 3.04 0.00 N | 43.00 3.63 0.00 N |
| MONGAUP___HYD 23641 | 57.38 1.35 0.00 N | 47.38 1.02 0.00 N | 43.29 0.83 0.00 N | 47.29 0.72 0.00 N | 85.75 1.33 0.00 N | 96.70 1.94 0.00 N | 127.78 3.28 0.00 N | 73.25 1.68 0.00 N | 63.43 1.83 0.00 N | 65.32 2.17 0.00 N | 51.60 1.88 0.00 N | 47.11 1.71 0.00 N | 48.91 1.32 0.00 N | 46.65 1.39 0.00 N | 51.61 1.41 0.00 N | 64.68 1.98 0.00 N | 82.85 3.53 0.00 N | 99.44 4.48 0.00 N | 71.44 3.02 0.00 N | 74.50 3.15 0.00 N | 58.86 2.22 0.00 N | 61.92 1.82 0.00 N | 34.42 0.69 0.00 N | 40.09 0.72 0.00 N |
| MONTAUK___DIESEL 23721 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| N SALMON___HYD 24042 | 55.03 -1.00 0.00 N | 45.48 -0.88 0.00 N | 41.65 -0.81 0.00 N | 45.81 -0.76 0.00 N | 83.06 -1.36 0.00 N | 93.12 -1.64 0.00 N | 121.77 -2.73 0.00 N | 70.20 -1.36 0.00 N | 60.62 -0.98 0.00 N | 61.90 -1.24 0.00 N | 48.50 -1.09 0.00 N | 44.31 -1.09 0.00 N | 46.91 -0.68 0.00 N | 44.57 -0.69 0.00 N | 49.51 -0.70 0.00 N | 61.42 -1.29 0.00 N | 76.76 -2.56 0.00 N | 91.93 -3.03 0.00 N | 66.28 -2.14 0.00 N | 69.15 -2.20 0.00 N | 55.13 -1.51 0.00 N | 59.01 -1.09 0.00 N | 33.29 -0.45 0.00 N | 38.77 -0.60 0.00 N |
| N.E_GEN_SANDY PD 24062 | 58.24 2.21 0.00 N | 48.15 1.79 0.00 N | 44.10 1.64 0.00 N | 48.55 1.98 0.00 N | 88.28 3.85 0.00 N | 59.68 2.48 9.78 N | 110.88 38.12 904.76 N | 73.52 1.96 0.00 N | 63.49 1.89 0.00 N | 65.43 2.29 0.00 N | 51.32 1.60 0.00 N | 46.61 1.21 0.00 N | 49.16 1.57 0.00 N | 46.76 1.50 0.00 N | 51.85 1.64 0.00 N | 64.83 2.13 0.00 N | 62.00 3.89 0.90 N | 97.08 2.12 0.00 N | 69.79 1.37 0.00 N | 72.99 1.64 0.00 N | 58.27 1.62 0.00 N | 62.16 2.06 0.00 N | 40.00 2.32 8.73 N | 36.29 1.80 0.76 N |

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| NARROWS_GT1_1 24228 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT1_2 24229 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT1_3 24230 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT1_4 24231 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT1_5 24232 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT1_6 24233 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N</ |

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| NARROWS_GT2_5 24240 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT2_6 24241 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT2_7 24242 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT2_8 24243 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NARROWS_GT2_GRP 23741 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.46 9.35 -122.79 N | 212.95 10.90 -107.09 N | 205.51 7.38 -129.72 N | 168.01 7.64 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NEG CAPITAL___MECHNVIL 23645 | 60.44 4.41 0.00 N | 49.92 3.56 0.00 N | 45.74 3.28 0.00 N | 50.55 3.98 0.00 N | 92.07 7.65 0.00 N | 102.33 7.57 0.00 N | 133.01 8.51 0.00 N | 76.39 4.83 0.00 N | 65.87 4.27 0.00 N | 67.87 4.72 0.00 N | 53.06 3.34 0.00 N | 48.08 2.68 0.00 N | 51.04 3.45 0.00 N | 48.49 3.23 0.00 N | 53.79 3.59 0.00 N | 67.19 4.49 0.00 N | 84.15 4.83 0.00 N | 99.76 4.80 0.00 N | 71.73 3.31 0.00 N | 75.11 3.76 0.00 N | 60.20 3.56 0.00 N | 64.57 4.47 0.00 N | 36.63 2.90 0.00 N | 42.83 3.46 0.00 N |
| NEG CENTRAL_HIGH_ACRES 23767 | 51.70 -4.33 0.00 N | 42.58 -3.78 0.00 N | 39.16 -3.30 0.00 N | 42.98 -3.59 0.00 N | 76.27 -8.15 0.00 N | 84.71 -10.05 0.00 N | 113.86 -10.64 0.00 N | 67.28 -4.28 0.00 N | 57.25 -4.34 0.00 N | 58.24 -4.91 0.00 N | 46.28 -3.44 0.00 N | 42.64 -2.75 0.00 N | 44.27 -3.32 0.00 N | 41.89 -3.37 0.00 N | 46.59 -3.61 0.00 N | 57.87 -4.83 0.00 N | 73.87 -5.45 0.00 N | 90.96 -4.00 0.00 N | 66.04 -2.38 0.00 N | 67.74 -3.61 0.00 N | 53.59 -3.06 0.00 N | 56.05 -4.05 0.00 N | 31.13 -2.60 0.00 N | 35.87 -3.50 0.00 N |
| NEG CENTRAL___DRP 24199 | 54.53 -1.50 0.00 N | 44.98 -1.38 0.00 N | 41.18 -1.28 0.00 N | 45.16 -1.41 0.00 N | 81.26 -3.16 0.00 N | 91.60 -3.16 0.00 N | 121.23 -3.27 0.00 N | 69.97 -1.59 0.00 N | 60.25 -1.35 0.00 N | 61.66 -1.48 0.00 N | 48.61 -1.12 0.00 N | 44.49 -0.90 0.00 N | 47.00 -0.59 0.00 N | 44.72 -0.54 0.00 N | 49.56 -0.64 0.00 N | 61.68 -1.02 0.00 N | 77.85 -1.47 0.00 N | 93.11 -1.85 0.00 N | 67.27 -1.15 0.00 N | 70.06 -1.29 0.00 N | 55.46 -1.18 0.00 N | 58.65 -1.45 0.00 N | 33.00 -0.73 0.00 N | 38.73 -0.64 0.00 N |
| NEG CENTRAL___INDECK 23768 | 52.70 -3.33 0.00 N | 43.81 -2.55 0.00 N | 40.17 -2.29 0.00 N | 43.88 -2.69 0.00 N | 79.35 -5.07 0.00 N | 89.97 -4.79 0.00 N | 120.68 -3.82 0.00 N | 69.52 -2.05 0.00 N | 59.35 -2.25 0.00 N | 60.47 -2.68 0.00 N | 47.93 -1.79 0.00 N | 43.81 -1.59 0.00 N | 45.70 -1.89 0.00 N | 43.36 -1.90 0.00 N | 48.21 -2.00 0.00 N | 60.18 -2.52 0.00 N | 76.71 -2.61 0.00 N | 92.65 -2.31 0.00 N | 67.22 -1.20 0.00 N | 69.90 -1.45 0.00 N | 54.96 -1.68 0.00 N | 57.61 -2.49 0.00 N | 31.99 -1.74 0.00 N | 37.37 -2.00 0.00 N |
| NEG CENTRAL___SENECA 23627 | 56.03 0.00 0.00 N | 46.36 0.00 0.00 N | 42.46 0.00 0.00 N | 46.57 0.00 0.00 N | 84.42 0.00 0.00 N | 94.76 0.00 0.00 N | 124.50 0.00 0.00 N | 71.56 0.00 0.00 N | 61.60 0.00 0.00 N | 63.14 0.00 0.00 N | 49.73 0.00 0.00 N | 45.40 0.00 0.00 N | 47.59 0.00 0.00 N | 45.26 0.00 0.00 N | 50.21 0.00 0.00 N | 62.70 0.00 0.00 N | 79.32 0.00 0.00 N | 94.96 0.00 0.00 N | 68.42 0.00 0.00 N | 71.35 0.00 0.00 N | 56.64 0.00 0.00 N | 60.10 0.00 0.00 N | 33.74 0.00 0.00 N | 39.37 0.00 0.00 N |
| NEG CENTRAL___STATE_STREET 24147 | 55.87 -0.16 0.00 N | 45.78 -0.58 0.00 N | 41.92 -0.55 0.00 N | 46.07 -0.50 0.00 N | 82.63 -1.79 0.00 N | 92.09 -2.66 0.00 N | 122.95 -1.55 0.00 N | 72.21 0.64 0.00 N | 62.02 0.42 0.00 N | 63.45 0.31 0.00 N | 50.06 0.33 0.00 N | 45.94 0.54 0.00 N | 48.02 0.43 0.00 N | 45.63 0.37 0.00 N | 50.55 0.34 0.00 N | 62.84 0.13 0.00 N | 79.81 0.48 0.00 N | 97.24 2.28 0.00 N | 70.09 1.67 0.00 N | 72.27 0.92 0.00 N | 57.29 0.64 0.00 N | 60.35 0.25 0.00 N | 33.77 0.04 0.00 N | 38.99 -0.38 0.00 N |
| NEG MILLWOOD___DRP 24198 | 58.51 2.49 0.00 N | 48.28 1.92 0.00 N | 44.10 1.63 0.00 N | 48.18 1.61 0.00 N | 87.37 2.95 0.00 N | 98.43 3.67 0.00 N | 129.39 4.89 0.00 N | 74.31 2.74 0.00 N | 64.55 2.95 0.00 N | 66.73 3.59 0.00 N | 52.75 3.02 0.00 N | 48.15 2.75 0.00 N | 50.10 2.51 0.00 N | 47.82 2.56 0.00 N | 52.86 2.66 0.00 N | 66.31 3.60 0.00 N | 84.87 5.55 0.00 N | 101.62 6.66 0.00 N | 72.88 4.46 0.00 N | 75.85 4.50 0.00 N | 59.91 3.27 0.00 N | 63.10 2.99 0.00 N | 35.17 1.43 0.00 N | 41.01 1.64 0.00 N |
| NEG NORTH_FLCN_SEA 23793 | 59.06 3.03 0.00 N | 48.58 2.23 0.00 N | 44.44 1.98 0.00 N | 48.69 2.12 0.00 N | 88.40 3.98 0.00 N | 100.01 5.25 0.00 N | 133.60 9.10 0.00 N | 77.36 5.79 0.00 N | 66.82 5.22 0.00 N | 68.70 5.56 0.00 N | 54.17 4.44 0.00 N | 49.40 4.01 0.00 N | 51.71 4.12 0.00 N | 49.23 3.97 0.00 N | 54.50 4.30 0.00 N | 68.02 5.31 0.00 N | 86.76 7.44 0.00 N | 104.49 9.53 0.00 N | 75.18 6.76 0.00 N | 78.14 6.79 0.00 N | 61.56 4.91 0.00 N | 64.65 4.55 0.00 N | 35.97 2.24 0.00 N | 41.74 2.38 0.00 N |

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| NEG NORTH_KES_CHATEGAY 23792 | 55.67 -0.36 0.00 N | 46.16 -0.20 0.00 N | 42.23 -0.23 0.00 N | 46.38 -0.19 0.00 N | 83.96 -0.46 0.00 N | 93.94 -0.81 0.00 N | 123.54 -0.96 0.00 N | 71.16 -0.40 0.00 N | 61.07 -0.53 0.00 N | 62.56 -0.58 0.00 N | 49.14 -0.59 0.00 N | 44.78 -0.62 0.00 N | 47.20 -0.39 0.00 N | 44.80 -0.46 0.00 N | 49.75 -0.46 0.00 N | 62.09 -0.62 0.00 N | 78.02 -1.30 0.00 N | 93.45 -1.50 0.00 N | 67.48 -0.94 0.00 N | 70.39 -0.96 0.00 N | 56.00 -0.65 0.00 N | 59.62 -0.48 0.00 N | 33.49 -0.25 0.00 N | 39.03 -0.34 0.00 N |
| NEG NORTH___ALICE_FALLS 23915 | 56.11 0.08 0.00 N | 46.55 0.19 0.00 N | 42.56 0.09 0.00 N | 46.78 0.21 0.00 N | 84.75 0.33 0.00 N | 94.51 -0.25 0.00 N | 124.32 -0.18 0.00 N | 71.64 0.08 0.00 N | 61.70 0.11 0.00 N | 63.25 0.10 0.00 N | 49.50 -0.23 0.00 N | 45.00 -0.39 0.00 N | 47.57 -0.02 0.00 N | 45.19 -0.07 0.00 N | 50.18 -0.03 0.00 N | 62.64 -0.06 0.00 N | 78.49 -0.83 0.00 N | 93.90 -1.06 0.00 N | 67.72 -0.70 0.00 N | 70.69 -0.66 0.00 N | 56.31 -0.33 0.00 N | 60.04 -0.06 0.00 N | 33.76 0.02 0.00 N | 39.35 -0.02 0.00 N |
| NEG NORTH___LWR_SARANAC 23913 | 56.11 0.08 0.00 N | 46.55 0.19 0.00 N | 42.56 0.09 0.00 N | 46.78 0.21 0.00 N | 84.75 0.33 0.00 N | 94.51 -0.25 0.00 N | 124.32 -0.18 0.00 N | 71.64 0.08 0.00 N | 61.70 0.11 0.00 N | 63.25 0.10 0.00 N | 49.50 -0.23 0.00 N | 45.00 -0.39 0.00 N | 47.57 -0.02 0.00 N | 45.19 -0.07 0.00 N | 50.18 -0.03 0.00 N | 62.64 -0.06 0.00 N | 78.49 -0.83 0.00 N | 93.90 -1.06 0.00 N | 67.72 -0.70 0.00 N | 70.69 -0.66 0.00 N | 56.31 -0.33 0.00 N | 60.04 -0.06 0.00 N | 33.76 0.02 0.00 N | 39.35 -0.02 0.00 N |
| NEG NORTH___PLATTSBURG 23628 | 55.47 -0.56 0.00 N | 46.04 -0.31 0.00 N | 42.09 -0.37 0.00 N | 46.24 -0.33 0.00 N | 83.75 -0.67 0.00 N | 93.38 -1.38 0.00 N | 122.87 -1.63 0.00 N | 70.77 -0.79 0.00 N | 60.91 -0.69 0.00 N | 62.51 -0.63 0.00 N | 48.98 -0.75 0.00 N | 44.50 -0.89 0.00 N | 46.93 -0.66 0.00 N | 44.60 -0.65 0.00 N | 49.51 -0.69 0.00 N | 61.91 -0.80 0.00 N | 77.76 -1.57 0.00 N | 92.98 -1.98 0.00 N | 67.06 -1.36 0.00 N | 70.00 -1.35 0.00 N | 55.72 -0.92 0.00 N | 59.30 -0.80 0.00 N | 33.35 -0.38 0.00 N | 38.90 -0.47 0.00 N |
| NEG WEST_LEA_LOCKPORT 23791 | 49.66 -6.36 0.00 N | 41.62 -4.73 0.00 N | 38.23 -4.24 0.00 N | 41.73 -4.84 0.00 N | 75.05 -9.37 0.00 N | 85.04 -9.72 0.00 N | 114.08 -10.42 0.00 N | 65.46 -6.11 0.00 N | 55.43 -6.16 0.00 N | 56.17 -6.97 0.00 N | 44.68 -5.05 0.00 N | 40.86 -4.54 0.00 N | 42.49 -5.10 0.00 N | 40.23 -5.02 0.00 N | 44.85 -5.36 0.00 N | 55.97 -6.73 0.00 N | 71.37 -7.96 0.00 N | 86.14 -8.81 0.00 N | 62.73 -5.69 0.00 N | 65.24 -6.11 0.00 N | 51.28 -5.36 0.00 N | 53.68 -6.42 0.00 N | 29.93 -3.81 0.00 N | 35.24 -4.13 0.00 N |
| NEG WEST___LANCASTR 23811 | 50.00 -6.03 0.00 N | 41.70 -4.65 0.00 N | 38.30 -4.17 0.00 N | 41.75 -4.82 0.00 N | 75.43 -8.99 0.00 N | 85.69 -9.06 0.00 N | 114.38 -10.12 0.00 N | 65.41 -6.15 0.00 N | 55.91 -5.69 0.00 N | 56.81 -6.34 0.00 N | 45.05 -4.67 0.00 N | 41.17 -4.22 0.00 N | 42.67 -4.92 0.00 N | 40.57 -4.69 0.00 N | 45.06 -5.14 0.00 N | 56.28 -6.42 0.00 N | 72.00 -7.32 0.00 N | 87.04 -7.91 0.00 N | 63.21 -5.21 0.00 N | 65.80 -5.55 0.00 N | 51.61 -5.04 0.00 N | 54.05 -6.05 0.00 N | 30.05 -3.69 0.00 N | 35.18 -4.19 0.00 N |
| NEG_PENN_ALLEGHNY 23528 | 56.15 0.12 0.00 N | 46.40 0.05 0.00 N | 42.47 0.01 0.00 N | 46.38 -0.19 0.00 N | 84.33 -0.09 0.00 N | 95.48 0.72 0.00 N | 126.20 1.70 0.00 N | 72.15 0.58 0.00 N | 62.43 0.84 0.00 N | 64.01 0.87 0.00 N | 50.43 0.71 0.00 N | 45.99 0.59 0.00 N | 48.01 0.42 0.00 N | 45.74 0.48 0.00 N | 50.65 0.44 0.00 N | 63.34 0.64 0.00 N | 80.81 1.48 0.00 N | 96.85 1.90 0.00 N | 69.71 1.29 0.00 N | 72.82 1.48 0.00 N | 57.47 0.82 0.00 N | 60.59 0.49 0.00 N | 33.80 0.06 0.00 N | 39.38 0.01 0.00 N |
| NEG___GEN_MONROE 24207 | 56.22 0.20 0.00 N | 46.21 -0.15 0.00 N | 42.28 -0.18 0.00 N | 46.34 -0.23 0.00 N | 84.05 -0.37 0.00 N | 94.57 -0.19 0.00 N | 125.07 0.57 0.00 N | 72.73 1.16 0.00 N | 62.95 1.35 0.00 N | 64.75 1.60 0.00 N | 51.16 1.44 0.00 N | 46.76 1.36 0.00 N | 49.05 1.46 0.00 N | 46.46 1.20 0.00 N | 51.55 1.35 0.00 N | 64.42 1.71 0.00 N | 81.50 2.17 0.00 N | 97.55 2.59 0.00 N | 70.45 2.03 0.00 N | 73.22 1.87 0.00 N | 58.02 1.38 0.00 N | 61.30 1.20 0.00 N | 34.21 0.48 0.00 N | 39.85 0.48 0.00 N |
| NEPA___ENERGY 23901 | 50.55 -5.47 0.00 N | 41.88 -4.47 0.00 N | 38.49 -3.97 0.00 N | 41.92 -4.65 0.00 N | 75.84 -8.58 0.00 N | 86.01 -8.75 0.00 N | 114.30 -10.20 0.00 N | 65.25 -6.32 0.00 N | 56.08 -5.52 0.00 N | 57.20 -5.94 0.00 N | 45.26 -4.46 0.00 N | 41.47 -3.93 0.00 N | 42.78 -4.81 0.00 N | 40.94 -4.32 0.00 N | 45.30 -4.90 0.00 N | 56.52 -6.19 0.00 N | 72.73 -6.59 0.00 N | 88.45 -6.51 0.00 N | 64.15 -4.27 0.00 N | 66.68 -4.67 0.00 N | 52.13 -4.51 0.00 N | 54.53 -5.57 0.00 N | 30.19 -3.55 0.00 N | 34.87 -4.50 0.00 N |
| NEVERSINK___HYD 23608 | 54.22 -1.80 0.00 N | 44.95 -1.41 0.00 N | 41.14 -1.32 0.00 N | 45.00 -1.57 0.00 N | 81.54 -2.88 0.00 N | 92.07 -2.69 0.00 N | 121.70 -2.80 0.00 N | 69.83 -1.73 0.00 N | 60.03 -1.57 0.00 N | 61.15 -1.99 0.00 N | 47.98 -1.75 0.00 N | 44.00 -1.40 0.00 N | 46.14 -1.45 0.00 N | 43.80 -1.46 0.00 N | 48.77 -1.44 0.00 N | 60.84 -1.86 0.00 N | 77.37 -1.96 0.00 N | 93.07 -1.88 0.00 N | 66.94 -1.48 0.00 N | 69.86 -1.48 0.00 N | 55.33 -1.31 0.00 N | 58.48 -1.62 0.00 N | 32.58 -1.15 0.00 N | 37.97 -1.40 0.00 N |
| NEWTON___FALLS_HYD 23847 | 55.42 -0.60 0.00 N | 45.84 -0.52 0.00 N | 41.97 -0.49 0.00 N | 46.26 -0.31 0.00 N | 83.87 -0.55 0.00 N | 93.86 -0.90 0.00 N | 122.46 -2.04 0.00 N | 70.68 -0.89 0.00 N | 61.00 -0.59 0.00 N | 62.12 -1.03 0.00 N | 48.41 -1.32 0.00 N | 44.16 -1.23 0.00 N | 47.02 -0.57 0.00 N | 44.66 -0.59 0.00 N | 49.85 -0.36 0.00 N | 61.70 -1.00 0.00 N | 76.51 -2.81 0.00 N | 91.63 -3.33 0.00 N | 66.01 -2.41 0.00 N | 68.94 -2.41 0.00 N | 55.18 -1.46 0.00 N | 59.43 -0.67 0.00 N | 33.49 -0.25 0.00 N | 38.96 -0.40 0.00 N |
| NIAGARA____ 23760 | 49.90 -6.13 0.00 N | 41.82 -4.54 0.00 N | 38.48 -3.99 0.00 N | 42.05 -4.52 0.00 N | 75.21 -9.21 0.00 N | 84.75 -10.01 0.00 N | 114.17 -10.33 0.00 N | 65.99 -5.57 0.00 N | 55.97 -5.63 0.00 N | 56.77 -6.37 0.00 N | 45.16 -4.56 0.00 N | 41.29 -4.11 0.00 N | 42.91 -4.68 0.00 N | 40.54 -4.72 0.00 N | 45.14 -5.07 0.00 N | 56.29 -6.41 0.00 N | 71.78 -7.55 0.00 N | 86.73 -8.23 0.00 N | 63.24 -5.18 0.00 N | 65.54 -5.80 0.00 N | 51.64 -5.00 0.00 N | 54.06 -6.04 0.00 N | 30.16 -3.58 0.00 N | 35.56 -3.81 0.00 N |
| NINE_MILE_1 23575 | 54.00 -2.03 0.00 N | 44.69 -1.67 0.00 N | 40.95 -1.51 0.00 N | 44.90 -1.67 0.00 N | 81.33 -3.09 0.00 N | 91.37 -3.39 0.00 N | 120.13 -4.37 0.00 N | 69.09 -2.48 0.00 N | 59.41 -2.19 0.00 N | 60.77 -2.38 0.00 N | 47.89 -1.84 0.00 N | 43.76 -1.64 0.00 N | 45.87 -1.72 0.00 N | 43.61 -1.65 0.00 N | 48.38 -1.82 0.00 N | 60.39 -2.31 0.00 N | 76.38 -2.94 0.00 N | 91.50 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.56 0.00 N | 54.56 -2.09 0.00 N | 57.82 -2.28 0.00 N | 32.52 -1.22 0.00 N | 37.94 -1.42 0.00 N |

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| NINE_MILE_2 23744 | 53.89 -2.14 0.00 N | 44.60 -1.76 0.00 N | 40.87 -1.60 0.00 N | 44.80 -1.77 0.00 N | 81.16 -3.26 0.00 N | 91.18 -3.58 0.00 N | 119.87 -4.63 0.00 N | 68.94 -2.62 0.00 N | 59.29 -2.31 0.00 N | 60.64 -2.50 0.00 N | 47.79 -1.94 0.00 N | 43.67 -1.73 0.00 N | 45.77 -1.82 0.00 N | 43.52 -1.74 0.00 N | 48.28 -1.92 0.00 N | 60.27 -2.44 0.00 N | 76.23 -3.09 0.00 N | 91.31 -3.65 0.00 N | 65.86 -2.56 0.00 N | 68.64 -2.71 0.00 N | 54.45 -2.20 0.00 N | 57.70 -2.40 0.00 N | 32.46 -1.27 0.00 N | 37.88 -1.49 0.00 N |
| NM_CAPITAL___DRP 24208 | 60.66 4.63 0.00 N | 50.13 3.78 0.00 N | 45.94 3.48 0.00 N | 50.70 4.13 0.00 N | 92.26 7.84 0.00 N | 102.48 7.72 0.00 N | 132.96 8.46 0.00 N | 76.44 4.88 0.00 N | 66.01 4.41 0.00 N | 67.88 4.73 0.00 N | 53.04 3.31 0.00 N | 48.19 2.80 0.00 N | 51.17 3.58 0.00 N | 48.61 3.36 0.00 N | 53.94 3.73 0.00 N | 67.27 4.57 0.00 N | 84.02 4.69 0.00 N | 99.66 4.71 0.00 N | 71.62 3.20 0.00 N | 74.94 3.59 0.00 N | 60.08 3.43 0.00 N | 64.52 4.42 0.00 N | 36.64 2.91 0.00 N | 42.88 3.51 0.00 N |
| NM_CENTRAL___DRP 24181 | 55.08 -0.94 0.00 N | 45.55 -0.81 0.00 N | 41.73 -0.73 0.00 N | 45.79 -0.78 0.00 N | 82.95 -1.47 0.00 N | 93.18 -1.58 0.00 N | 122.69 -1.81 0.00 N | 70.67 -0.90 0.00 N | 60.90 -0.69 0.00 N | 62.18 -0.96 0.00 N | 48.86 -0.86 0.00 N | 44.69 -0.71 0.00 N | 47.00 -0.59 0.00 N | 44.69 -0.57 0.00 N | 49.59 -0.61 0.00 N | 61.71 -0.99 0.00 N | 77.78 -1.55 0.00 N | 93.25 -1.71 0.00 N | 67.27 -1.15 0.00 N | 70.14 -1.21 0.00 N | 55.67 -0.98 0.00 N | 59.08 -1.02 0.00 N | 33.23 -0.50 0.00 N | 38.73 -0.64 0.00 N |
| NM_FRONTIER___DRP 24179 | 50.25 -5.77 0.00 N | 42.10 -4.25 0.00 N | 38.74 -3.73 0.00 N | 42.34 -4.23 0.00 N | 75.75 -8.68 0.00 N | 85.38 -9.38 0.00 N | 115.06 -9.44 0.00 N | 66.54 -5.02 0.00 N | 56.45 -5.14 0.00 N | 57.28 -5.87 0.00 N | 45.57 -4.16 0.00 N | 41.65 -3.74 0.00 N | 43.29 -4.30 0.00 N | 40.91 -4.35 0.00 N | 45.54 -4.67 0.00 N | 56.78 -5.92 0.00 N | 72.41 -6.91 0.00 N | 87.52 -7.43 0.00 N | 63.82 -4.60 0.00 N | 66.13 -5.21 0.00 N | 52.10 -4.55 0.00 N | 54.53 -5.57 0.00 N | 30.41 -3.33 0.00 N | 35.85 -3.52 0.00 N |
| NM_ST_REGIS___HYD 24053 | 55.25 -0.77 0.00 N | 45.75 -0.61 0.00 N | 41.88 -0.58 0.00 N | 46.09 -0.48 0.00 N | 83.49 -0.93 0.00 N | 93.50 -1.26 0.00 N | 122.58 -1.92 0.00 N | 70.68 -0.89 0.00 N | 60.75 -0.84 0.00 N | 62.02 -1.13 0.00 N | 48.51 -1.21 0.00 N | 44.22 -1.17 0.00 N | 46.83 -0.76 0.00 N | 44.45 -0.81 0.00 N | 49.48 -0.72 0.00 N | 61.48 -1.22 0.00 N | 76.60 -2.73 0.00 N | 91.76 -3.20 0.00 N | 66.16 -2.26 0.00 N | 69.04 -2.31 0.00 N | 55.22 -1.43 0.00 N | 59.33 -0.77 0.00 N | 33.34 -0.40 0.00 N | 38.86 -0.51 0.00 N |
| NORTHPORT___1 23551 | 63.08 3.96 -3.09 N | 60.73 3.53 -10.84 N | 60.71 3.22 -15.03 N | 59.53 3.36 -9.60 N | 90.14 5.71 -0.01 N | 97.31 5.12 2.58 N | 117.99 3.92 10.43 N | 75.34 2.29 -1.48 N | 69.46 3.16 -4.70 N | 100.74 4.70 -32.90 N | 78.87 4.02 -25.13 N | 80.13 3.77 -30.96 N | 83.26 3.63 -32.04 N | 93.99 3.66 -45.07 N | 78.77 3.81 -24.76 N | 96.14 5.02 -28.41 N | 103.84 7.00 -17.52 N | 124.59 7.66 -21.98 N | 104.37 5.05 -30.90 N | 93.81 4.80 -17.67 N | 90.87 4.20 -30.02 N | 77.09 4.07 -12.91 N | 58.25 2.10 -22.42 N | 56.78 2.57 -14.84 N |
| NORTHPORT___2 23552 | 63.10 3.98 -3.09 N | 60.77 3.58 -10.84 N | 60.75 3.26 -15.03 N | 59.56 3.39 -9.60 N | 90.22 5.79 -0.01 N | 97.47 5.28 2.58 N | 118.03 3.96 10.43 N | 75.29 2.25 -1.48 N | 69.43 3.13 -4.70 N | 100.71 4.67 -32.90 N | 78.84 3.99 -25.13 N | 80.11 3.75 -30.96 N | 83.25 3.62 -32.04 N | 93.98 3.65 -45.07 N | 78.74 3.78 -24.76 N | 96.11 4.99 -28.41 N | 103.81 6.97 -17.52 N | 124.56 7.63 -21.98 N | 104.35 5.03 -30.90 N | 93.78 4.77 -17.67 N | 90.82 4.16 -30.02 N | 77.03 4.02 -12.91 N | 58.23 2.08 -22.42 N | 56.76 2.55 -14.84 N |
| NORTHPORT___3 23553 | 63.38 4.26 -3.09 N | 60.79 3.60 -10.84 N | 60.68 3.19 -15.03 N | 59.46 3.29 -9.60 N | 89.99 5.56 -0.01 N | 95.93 5.57 4.40 N | 112.67 5.99 17.82 N | 76.73 3.69 -1.48 N | 70.43 4.13 -4.70 N | 101.41 5.37 -32.90 N | 79.35 4.50 -25.13 N | 80.56 4.21 -30.96 N | 83.63 4.00 -32.04 N | 94.32 3.99 -45.07 N | 79.07 4.10 -24.76 N | 96.65 5.54 -28.41 N | 104.96 8.11 -17.52 N | 126.31 9.38 -21.98 N | 105.66 6.35 -30.90 N | 95.30 6.29 -17.67 N | 91.67 5.00 -30.02 N | 77.84 4.83 -12.91 N | 58.57 2.42 -22.42 N | 57.20 2.99 -14.84 N |
| NORTHPORT___4 23650 | 63.21 4.10 -3.09 N | 60.68 3.49 -10.84 N | 60.59 3.10 -15.03 N | 59.37 3.20 -9.60 N | 89.76 5.32 -0.01 N | 95.57 5.21 4.40 N | 112.19 5.50 17.82 N | 76.45 3.41 -1.48 N | 70.16 3.86 -4.70 N | 101.15 5.11 -32.90 N | 79.13 4.28 -25.13 N | 80.37 4.01 -30.96 N | 83.43 3.79 -32.04 N | 94.13 3.80 -45.07 N | 78.84 3.88 -24.76 N | 96.39 5.28 -28.41 N | 104.65 7.80 -17.52 N | 125.92 8.98 -21.98 N | 105.39 6.08 -30.90 N | 95.03 6.02 -17.67 N | 91.47 4.80 -30.02 N | 77.60 4.59 -12.91 N | 58.41 2.25 -22.42 N | 57.14 2.93 -14.84 N |
| NORTHPORT___IC 23718 | 63.21 4.10 -3.09 N | 60.68 3.49 -10.84 N | 60.59 3.10 -15.03 N | 59.37 3.20 -9.60 N | 89.76 5.32 -0.01 N | 97.39 5.21 2.58 N | 119.57 5.50 10.43 N | 76.45 3.41 -1.48 N | 70.16 3.86 -4.70 N | 101.15 5.11 -32.90 N | 79.13 4.28 -25.13 N | 80.37 4.01 -30.96 N | 83.43 3.79 -32.04 N | 94.13 3.80 -45.07 N | 78.84 3.88 -24.76 N | 96.39 5.28 -28.41 N | 104.65 7.80 -17.52 N | 125.92 8.98 -21.98 N | 105.39 6.08 -30.90 N | 95.03 6.02 -17.67 N | 91.47 4.80 -30.02 N | 77.60 4.59 -12.91 N | 58.41 2.25 -22.42 N | 57.14 2.93 -14.84 N |
| NSINS_S_GLNS_FALLS 23858 | 61.08 5.06 0.00 N | 50.47 4.12 0.00 N | 46.24 3.78 0.00 N | 51.22 4.65 0.00 N | 93.42 9.00 0.00 N | 103.77 9.01 0.00 N | 135.75 11.25 0.00 N | 77.91 6.34 0.00 N | 66.95 5.35 0.00 N | 69.21 6.06 0.00 N | 54.16 4.44 0.00 N | 48.81 3.42 0.00 N | 51.86 4.27 0.00 N | 49.27 4.01 0.00 N | 54.67 4.46 0.00 N | 68.45 5.75 0.00 N | 86.19 6.86 0.00 N | 102.34 7.38 0.00 N | 73.74 5.32 0.00 N | 77.24 5.89 0.00 N | 61.87 5.23 0.00 N | 66.14 6.04 0.00 N | 37.31 3.58 0.00 N | 43.45 4.08 0.00 N |
| NUCOR_STEEL___DRP 24197 | 55.87 -0.16 0.00 N | 45.78 -0.58 0.00 N | 41.92 -0.55 0.00 N | 46.07 -0.50 0.00 N | 82.63 -1.79 0.00 N | 92.09 -2.66 0.00 N | 122.95 -1.55 0.00 N | 72.21 0.64 0.00 N | 62.02 0.42 0.00 N | 63.45 0.31 0.00 N | 50.06 0.33 0.00 N | 45.94 0.54 0.00 N | 48.02 0.43 0.00 N | 45.63 0.37 0.00 N | 50.55 0.34 0.00 N | 62.84 0.13 0.00 N | 79.81 0.48 0.00 N | 97.24 2.28 0.00 N | 70.09 1.67 0.00 N | 72.27 0.92 0.00 N | 57.29 0.64 0.00 N | 60.35 0.25 0.00 N | 33.77 0.04 0.00 N | 38.99 -0.38 0.00 N |
| NYISO_LBMP_REFERENCE 24008 | 56.03 0.00 0.00 N | 46.36 0.00 0.00 N | 42.46 0.00 0.00 N | 46.57 0.00 0.00 N | 84.42 0.00 0.00 N | 94.76 0.00 0.00 N | 124.50 0.00 0.00 N | 71.56 0.00 0.00 N | 61.60 0.00 0.00 N | 63.14 0.00 0.00 N | 49.73 0.00 0.00 N | 45.40 0.00 0.00 N | 47.59 0.00 0.00 N | 45.26 0.00 0.00 N | 50.21 0.00 0.00 N | 62.70 0.00 0.00 N | 79.32 0.00 0.00 N | 94.96 0.00 0.00 N | 68.42 0.00 0.00 N | 71.35 0.00 0.00 N | 56.64 0.00 0.00 N | 60.10 0.00 0.00 N | 33.74 0.00 0.00 N | 39.37 0.00 0.00 N |

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| NYPA_BRENTWD____GT 24164 | 63.46 4.35 -3.09 N | 60.98 3.78 -10.84 N | 60.89 3.40 -15.03 N | 59.71 3.54 -9.60 N | 90.52 6.09 -0.01 N | 98.47 5.80 2.09 N | 120.98 4.95 8.47 N | 75.99 2.95 -1.48 N | 70.02 3.72 -4.70 N | 101.32 5.28 -32.90 N | 79.33 4.48 -25.13 N | 80.55 4.19 -30.96 N | 83.71 4.07 -32.04 N | 94.41 4.09 -45.07 N | 79.22 4.25 -24.76 N | 96.71 5.59 -28.41 N | 104.57 7.73 -17.52 N | 125.46 8.52 -21.98 N | 104.98 5.66 -30.90 N | 94.44 5.43 -17.67 N | 91.34 4.67 -30.02 N | 77.61 4.59 -12.91 N | 58.55 2.40 -22.42 N | 57.09 2.88 -14.84 N |
| NYPA_GOWANUS____GT5 24156 | 60.54 4.51 0.00 N | 49.91 3.55 0.00 N | 45.48 3.02 0.00 N | 49.60 3.03 0.00 N | 89.95 5.53 0.00 N | 101.54 6.78 0.00 N | 133.19 8.69 0.00 N | 76.54 4.98 0.00 N | 66.94 5.34 0.00 N | 69.39 6.24 0.00 N | 54.93 5.21 0.00 N | 50.29 4.90 0.00 N | 52.34 4.75 0.00 N | 50.07 4.82 0.00 N | 55.26 5.05 0.00 N | 69.31 6.60 0.00 N | 88.89 9.57 0.00 N | 106.38 11.43 0.00 N | 76.11 7.69 0.00 N | 79.04 7.69 0.00 N | 62.33 5.68 0.00 N | 65.60 5.50 0.00 N | 36.42 2.68 0.00 N | 42.41 3.04 0.00 N |
| NYPA_GOWANUS____GT6 24157 | 60.54 4.51 0.00 N | 49.91 3.55 0.00 N | 45.48 3.02 0.00 N | 49.60 3.03 0.00 N | 89.95 5.53 0.00 N | 101.54 6.78 0.00 N | 133.19 8.69 0.00 N | 76.54 4.98 0.00 N | 66.94 5.34 0.00 N | 69.39 6.24 0.00 N | 54.93 5.21 0.00 N | 50.29 4.90 0.00 N | 52.34 4.75 0.00 N | 50.07 4.82 0.00 N | 55.26 5.05 0.00 N | 69.31 6.60 0.00 N | 88.89 9.57 0.00 N | 106.38 11.43 0.00 N | 76.11 7.69 0.00 N | 79.04 7.69 0.00 N | 62.33 5.68 0.00 N | 65.60 5.50 0.00 N | 36.42 2.68 0.00 N | 42.41 3.04 0.00 N |
| NYPA_HARLEM__RVR__GT1 24160 | 61.17 5.14 0.00 N | 50.39 4.03 0.00 N | 45.90 3.44 0.00 N | 50.04 3.47 0.00 N | 90.79 6.37 0.00 N | 102.66 7.90 0.00 N | 134.81 10.31 0.00 N | 77.22 5.66 0.00 N | 89.94 6.30 -22.04 N | 135.57 7.42 -65.01 N | 79.02 6.18 -23.12 N | 71.75 5.85 -20.50 N | 79.57 5.84 -26.14 N | 138.54 5.92 -87.36 N | 109.30 6.27 -52.82 N | 126.67 8.16 -55.81 N | 110.34 11.58 -19.43 N | 108.22 13.26 0.00 N | 136.61 8.88 -59.31 N | 141.83 8.73 -61.76 N | 69.01 6.37 -5.99 N | 73.51 6.49 -6.92 N | 73.99 3.30 -36.95 N | 63.63 3.75 -20.51 N |
| NYPA_HARLEM__RVR__GT2 24161 | 61.17 5.14 0.00 N | 50.39 4.03 0.00 N | 45.90 3.44 0.00 N | 50.04 3.47 0.00 N | 90.79 6.37 0.00 N | 102.66 7.90 0.00 N | 134.81 10.31 0.00 N | 77.22 5.66 0.00 N | 89.94 6.30 -22.04 N | 135.57 7.42 -65.01 N | 79.02 6.18 -23.12 N | 71.75 5.85 -20.50 N | 79.57 5.84 -26.14 N | 138.54 5.92 -87.36 N | 109.30 6.27 -52.82 N | 126.67 8.16 -55.81 N | 110.34 11.58 -19.43 N | 108.22 13.26 0.00 N | 136.61 8.88 -59.31 N | 141.83 8.73 -61.76 N | 69.01 6.37 -5.99 N | 73.51 6.49 -6.92 N | 73.99 3.30 -36.95 N | 63.63 3.75 -20.51 N |
| NYPA_KENT____GT 24152 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.68 9.57 -122.79 N | 213.48 11.43 -107.09 N | 202.61 7.69 -126.50 N | 146.41 7.70 -67.36 N | 85.65 5.69 -23.33 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |
| NYPA_POUCH1____GT 24155 | 60.25 4.23 0.00 N | 49.67 3.31 0.00 N | 45.26 2.80 0.00 N | 49.37 2.80 0.00 N | 89.53 5.11 0.00 N | 101.02 6.27 0.00 N | 132.50 8.00 0.00 N | 76.16 4.60 0.00 N | 88.62 4.98 -22.04 N | 134.04 5.89 -65.01 N | 77.76 4.92 -23.12 N | 70.51 4.61 -20.50 N | 78.17 4.44 -26.14 N | 137.12 4.50 -87.36 N | 107.74 4.71 -52.82 N | 124.65 6.14 -55.81 N | 107.74 9.57 -19.43 N | 105.81 10.85 0.00 N | 138.23 7.29 -62.52 N | 162.03 7.26 -83.42 N | 68.80 5.38 -6.78 N | 72.19 5.16 -6.92 N | 73.22 2.53 -36.95 N | 62.75 2.87 -20.51 N |
| NYPA_VERNON____GT2 24162 | 75.87 4.26 -15.58 N | 75.13 3.37 -25.40 N | 77.49 2.87 -32.15 N | 77.26 2.88 -27.81 N | 95.93 5.25 -6.26 N | 102.13 6.41 -0.95 N | 134.17 8.19 -1.47 N | 90.42 4.62 -14.23 N | 103.05 4.99 -36.46 N | 140.68 5.84 -71.70 N | 100.24 4.87 -45.64 N | 95.10 4.59 -45.12 N | 99.35 4.44 -47.32 N | 142.79 4.53 -93.01 N | 118.08 4.74 -63.13 N | 143.31 6.21 -74.40 N | 211.19 9.08 -122.79 N | 212.87 10.82 -107.09 N | 202.17 7.25 -126.50 N | 145.90 7.19 -67.36 N | 85.26 5.29 -23.33 N | 87.99 5.15 -22.75 N | 75.23 2.53 -38.96 N | 76.95 2.90 -34.68 N |
| NYPA_VERNON____GT3 24163 | 75.87 4.26 -15.58 N | 75.13 3.37 -25.40 N | 77.49 2.87 -32.15 N | 77.26 2.88 -27.81 N | 95.93 5.25 -6.26 N | 102.13 6.41 -0.95 N | 134.17 8.19 -1.47 N | 90.42 4.62 -14.23 N | 103.05 4.99 -36.46 N | 140.68 5.84 -71.70 N | 100.24 4.87 -45.64 N | 95.10 4.59 -45.12 N | 99.35 4.44 -47.32 N | 142.79 4.53 -93.01 N | 118.08 4.74 -63.13 N | 143.31 6.21 -74.40 N | 211.19 9.08 -122.79 N | 212.87 10.82 -107.09 N | 202.17 7.25 -126.50 N | 145.90 7.19 -67.36 N | 85.26 5.29 -23.33 N | 87.99 5.15 -22.75 N | 75.23 2.53 -38.96 N | 76.95 2.90 -34.68 N |
| NYPA____HOLTSVILL 23794 | 63.78 4.66 -3.09 N | 61.21 4.02 -10.84 N | 61.08 3.59 -15.03 N | 59.90 3.74 -9.60 N | 90.89 6.46 -0.01 N | 98.82 6.03 1.96 N | 120.84 4.29 7.95 N | 75.70 2.66 -1.48 N | 69.88 3.58 -4.70 N | 101.58 5.54 -32.90 N | 79.74 4.89 -25.13 N | 80.94 4.58 -30.96 N | 84.16 4.53 -32.04 N | 94.86 4.53 -45.07 N | 79.70 4.74 -24.76 N | 97.28 6.16 -28.41 N | 105.04 8.20 -17.52 N | 125.50 8.56 -21.98 N | 104.94 5.62 -30.90 N | 94.32 5.31 -17.67 N | 91.60 4.93 -30.02 N | 77.97 4.96 -12.91 N | 58.74 2.59 -22.42 N | 57.23 3.02 -14.84 N |
| NYPA____HELLGATE_GT1 24158 | 61.17 5.14 0.00 N | 50.39 4.03 0.00 N | 45.90 3.44 0.00 N | 50.04 3.47 0.00 N | 90.79 6.37 0.00 N | 102.66 7.90 0.00 N | 134.81 10.31 0.00 N | 77.22 5.66 0.00 N | 89.94 6.30 -22.04 N | 135.57 7.42 -65.01 N | 79.02 6.18 -23.12 N | 71.75 5.85 -20.50 N | 79.57 5.84 -26.14 N | 138.54 5.92 -87.36 N | 109.30 6.27 -52.82 N | 126.67 8.16 -55.81 N | 110.26 11.51 -19.43 N | 108.13 13.18 0.00 N | 136.61 8.88 -59.31 N | 141.83 8.73 -61.76 N | 69.01 6.37 -5.99 N | 73.47 6.44 -6.92 N | 73.99 3.30 -36.95 N | 63.63 3.75 -20.51 N |
| NYPA____HELLGATE_GT2 24159 | 61.17 5.14 0.00 N | 50.39 4.03 0.00 N | 45.90 3.44 0.00 N | 50.04 3.47 0.00 N | 90.79 6.37 0.00 N | 102.66 7.90 0.00 N | 134.81 10.31 0.00 N | 77.22 5.66 0.00 N | 89.94 6.30 -22.04 N | 135.57 7.42 -65.01 N | 79.02 6.18 -23.12 N | 71.75 5.85 -20.50 N | 79.57 5.84 -26.14 N | 138.54 5.92 -87.36 N | 109.30 6.27 -52.82 N | 126.67 8.16 -55.81 N | 110.26 11.51 -19.43 N | 108.13 13.18 0.00 N | 136.61 8.88 -59.31 N | 141.83 8.73 -61.76 N | 69.01 6.37 -5.99 N | 73.47 6.44 -6.92 N | 73.99 3.30 -36.95 N | 63.63 3.75 -20.51 N |
| NYS_BARGE____HYD 23848 | 51.34 -4.68 0.00 N | 42.73 -3.63 0.00 N | 39.26 -3.20 0.00 N | 42.93 -3.64 0.00 N | 77.16 -7.26 0.00 N | 87.01 -7.75 0.00 N | 116.57 -7.93 0.00 N | 67.43 -4.13 0.00 N | 57.55 -4.04 0.00 N | 58.65 -4.49 0.00 N | 46.59 -3.13 0.00 N | 42.59 -2.81 0.00 N | 44.33 -3.26 0.00 N | 41.92 -3.34 0.00 N | 46.70 -3.51 0.00 N | 58.32 -4.39 0.00 N | 74.28 -5.04 0.00 N | 89.50 -5.46 0.00 N | 65.04 -3.38 0.00 N | 67.44 -3.90 0.00 N | 53.17 -3.48 0.00 N | 55.76 -4.34 0.00 N | 31.11 -2.63 0.00 N | 36.50 -2.87 0.00 N |

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| O.H_GEN_BRUCE 24063 | 51.14 -4.89 0.00 N | 42.72 -3.64 0.00 N | 39.25 -3.21 0.00 N | 42.88 -3.69 0.00 N | 76.99 -7.43 0.00 N | 49.83 -7.37 9.78 N | -0.55 -73.31 904.76 N | 67.28 -4.28 0.00 N | 57.32 -4.27 0.00 N | 58.27 -4.87 0.00 N | 46.26 -3.46 0.00 N | 42.27 -3.12 0.00 N | 43.94 -3.65 0.00 N | 41.60 -3.66 0.00 N | 46.26 -3.94 0.00 N | 57.73 -4.97 0.00 N | 50.20 -7.91 0.90 N | 88.94 -6.02 0.00 N | 64.67 -3.75 0.00 N | 67.13 -4.21 0.00 N | 52.89 -3.76 0.00 N | 55.43 -4.67 0.00 N | 25.87 -7.84 12.70 N | 29.27 -5.22 0.76 N |
| OAK_ORCHARD___HYD 24046 | 51.34 -4.68 0.00 N | 42.73 -3.63 0.00 N | 39.26 -3.20 0.00 N | 42.93 -3.64 0.00 N | 77.16 -7.26 0.00 N | 87.01 -7.75 0.00 N | 116.57 -7.93 0.00 N | 67.43 -4.13 0.00 N | 57.55 -4.04 0.00 N | 58.65 -4.49 0.00 N | 46.59 -3.13 0.00 N | 42.59 -2.81 0.00 N | 44.33 -3.26 0.00 N | 41.92 -3.34 0.00 N | 46.70 -3.51 0.00 N | 58.32 -4.39 0.00 N | 74.28 -5.04 0.00 N | 89.50 -5.46 0.00 N | 65.04 -3.38 0.00 N | 67.44 -3.90 0.00 N | 53.17 -3.48 0.00 N | 55.76 -4.34 0.00 N | 31.11 -2.63 0.00 N | 36.50 -2.87 0.00 N |
| OCC_CHEM___DRP 24175 | 50.35 -5.68 0.00 N | 42.18 -4.18 0.00 N | 38.80 -3.66 0.00 N | 42.41 -4.16 0.00 N | 75.88 -8.54 0.00 N | 85.54 -9.22 0.00 N | 115.28 -9.22 0.00 N | 66.68 -4.89 0.00 N | 56.57 -5.03 0.00 N | 57.41 -5.74 0.00 N | 45.67 -4.06 0.00 N | 41.75 -3.65 0.00 N | 43.39 -4.20 0.00 N | 41.00 -4.25 0.00 N | 45.64 -4.57 0.00 N | 56.91 -5.79 0.00 N | 72.58 -6.74 0.00 N | 87.73 -7.23 0.00 N | 63.96 -4.46 0.00 N | 66.28 -5.06 0.00 N | 52.21 -4.43 0.00 N | 54.64 -5.46 0.00 N | 30.46 -3.27 0.00 N | 35.90 -3.47 0.00 N |
| OLIN_CORP_DRP 24177 | 50.39 -5.64 0.00 N | 42.14 -4.21 0.00 N | 38.76 -3.70 0.00 N | 42.37 -4.20 0.00 N | 75.89 -8.53 0.00 N | 85.56 -9.19 0.00 N | 115.15 -9.35 0.00 N | 66.59 -4.98 0.00 N | 56.59 -5.01 0.00 N | 57.47 -5.67 0.00 N | 45.70 -4.02 0.00 N | 41.77 -3.63 0.00 N | 43.41 -4.18 0.00 N | 41.04 -4.22 0.00 N | 45.68 -4.53 0.00 N | 56.99 -5.71 0.00 N | 72.69 -6.64 0.00 N | 87.81 -7.15 0.00 N | 63.97 -4.45 0.00 N | 66.31 -5.04 0.00 N | 52.23 -4.41 0.00 N | 54.69 -5.42 0.00 N | 30.48 -3.26 0.00 N | 35.88 -3.49 0.00 N |
| ONONDAGA_REF_OCCRA 23987 | 54.92 -1.11 0.00 N | 45.41 -0.95 0.00 N | 41.60 -0.86 0.00 N | 45.64 -0.93 0.00 N | 82.67 -1.75 0.00 N | 92.91 -1.84 0.00 N | 122.45 -2.05 0.00 N | 70.52 -1.04 0.00 N | 60.79 -0.81 0.00 N | 62.05 -1.09 0.00 N | 48.77 -0.96 0.00 N | 44.58 -0.82 0.00 N | 46.89 -0.70 0.00 N | 44.58 -0.68 0.00 N | 49.48 -0.73 0.00 N | 61.57 -1.13 0.00 N | 77.64 -1.68 0.00 N | 93.13 -1.83 0.00 N | 67.19 -1.23 0.00 N | 70.03 -1.31 0.00 N | 55.56 -1.09 0.00 N | 58.95 -1.16 0.00 N | 33.13 -0.61 0.00 N | 38.64 -0.73 0.00 N |
| ONONDAGA___COGEN 23986 | 54.28 -1.75 0.00 N | 44.92 -1.44 0.00 N | 41.17 -1.29 0.00 N | 45.14 -1.43 0.00 N | 81.73 -2.69 0.00 N | 91.88 -2.88 0.00 N | 121.13 -3.37 0.00 N | 69.73 -1.83 0.00 N | 60.02 -1.58 0.00 N | 61.30 -1.84 0.00 N | 48.26 -1.47 0.00 N | 44.10 -1.29 0.00 N | 46.31 -1.28 0.00 N | 44.02 -1.24 0.00 N | 48.85 -1.36 0.00 N | 60.85 -1.85 0.00 N | 76.91 -2.41 0.00 N | 92.29 -2.67 0.00 N | 66.62 -1.80 0.00 N | 69.41 -1.94 0.00 N | 55.00 -1.64 0.00 N | 58.27 -1.83 0.00 N | 32.75 -0.98 0.00 N | 38.23 -1.14 0.00 N |
| ONTARIO___LFGE 23819 | 53.30 -2.73 0.00 N | 43.96 -2.39 0.00 N | 40.29 -2.17 0.00 N | 44.11 -2.46 0.00 N | 79.10 -5.32 0.00 N | 89.38 -5.38 0.00 N | 119.11 -5.39 0.00 N | 68.82 -2.74 0.00 N | 59.08 -2.52 0.00 N | 60.41 -2.74 0.00 N | 47.73 -2.00 0.00 N | 43.73 -1.66 0.00 N | 46.15 -1.44 0.00 N | 43.89 -1.37 0.00 N | 48.67 -1.54 0.00 N | 60.49 -2.22 0.00 N | 76.62 -2.70 0.00 N | 91.92 -3.03 0.00 N | 66.54 -1.88 0.00 N | 69.19 -2.16 0.00 N | 54.61 -2.03 0.00 N | 57.48 -2.63 0.00 N | 32.24 -1.50 0.00 N | 37.89 -1.48 0.00 N |
| OSWEGATCHIE___HYD 24044 | 55.42 -0.60 0.00 N | 45.84 -0.52 0.00 N | 41.97 -0.49 0.00 N | 46.26 -0.31 0.00 N | 83.87 -0.55 0.00 N | 93.86 -0.90 0.00 N | 122.46 -2.04 0.00 N | 70.68 -0.89 0.00 N | 61.00 -0.59 0.00 N | 62.12 -1.03 0.00 N | 48.41 -1.32 0.00 N | 44.16 -1.23 0.00 N | 47.02 -0.57 0.00 N | 44.66 -0.59 0.00 N | 49.85 -0.36 0.00 N | 61.70 -1.00 0.00 N | 76.51 -2.81 0.00 N | 91.63 -3.33 0.00 N | 66.01 -2.41 0.00 N | 68.94 -2.41 0.00 N | 55.18 -1.46 0.00 N | 59.43 -0.67 0.00 N | 33.49 -0.25 0.00 N | 38.96 -0.40 0.00 N |
| OSWEGO___5 23606 | 54.36 -1.66 0.00 N | 44.99 -1.37 0.00 N | 41.22 -1.24 0.00 N | 45.20 -1.37 0.00 N | 81.88 -2.54 0.00 N | 91.99 -2.77 0.00 N | 121.01 -3.49 0.00 N | 69.61 -1.95 0.00 N | 59.89 -1.71 0.00 N | 61.24 -1.90 0.00 N | 48.24 -1.49 0.00 N | 44.08 -1.32 0.00 N | 46.23 -1.36 0.00 N | 43.95 -1.30 0.00 N | 48.77 -1.44 0.00 N | 60.84 -1.86 0.00 N | 76.91 -2.41 0.00 N | 92.15 -2.80 0.00 N | 66.47 -1.95 0.00 N | 69.28 -2.07 0.00 N | 54.96 -1.68 0.00 N | 58.27 -1.83 0.00 N | 32.77 -0.97 0.00 N | 38.23 -1.14 0.00 N |
| OSWEGO___6 23613 | 54.35 -1.67 0.00 N | 44.98 -1.38 0.00 N | 41.22 -1.25 0.00 N | 45.19 -1.38 0.00 N | 81.87 -2.55 0.00 N | 91.97 -2.79 0.00 N | 120.99 -3.51 0.00 N | 69.60 -1.96 0.00 N | 59.88 -1.72 0.00 N | 61.23 -1.91 0.00 N | 48.23 -1.50 0.00 N | 44.07 -1.32 0.00 N | 46.22 -1.37 0.00 N | 43.95 -1.31 0.00 N | 48.76 -1.44 0.00 N | 60.83 -1.87 0.00 N | 76.91 -2.42 0.00 N | 92.15 -2.81 0.00 N | 66.47 -1.95 0.00 N | 69.28 -2.07 0.00 N | 54.95 -1.69 0.00 N | 58.26 -1.84 0.00 N | 32.76 -0.98 0.00 N | 38.23 -1.14 0.00 N |
| OUTOKUMPU-AB___DRP 24206 | 51.49 -4.54 0.00 N | 42.98 -3.38 0.00 N | 39.52 -2.94 0.00 N | 43.20 -3.37 0.00 N | 77.50 -6.92 0.00 N | 87.46 -7.30 0.00 N | 117.57 -6.93 0.00 N | 67.99 -3.58 0.00 N | 57.88 -3.72 0.00 N | 58.89 -4.25 0.00 N | 46.80 -2.92 0.00 N | 42.78 -2.62 0.00 N | 44.47 -3.12 0.00 N | 42.10 -3.15 0.00 N | 46.83 -3.38 0.00 N | 58.41 -4.29 0.00 N | 74.53 -4.79 0.00 N | 90.12 -4.84 0.00 N | 65.57 -2.85 0.00 N | 67.95 -3.40 0.00 N | 53.48 -3.16 0.00 N | 55.99 -4.11 0.00 N | 31.16 -2.58 0.00 N | 36.58 -2.79 0.00 N |
| OXBOW___ 24026 | 51.04 -4.98 0.00 N | 42.68 -3.68 0.00 N | 39.25 -3.21 0.00 N | 42.90 -3.67 0.00 N | 76.87 -7.55 0.00 N | 86.71 -8.04 0.00 N | 116.74 -7.76 0.00 N | 67.53 -4.04 0.00 N | 57.40 -4.20 0.00 N | 58.33 -4.82 0.00 N | 46.38 -3.35 0.00 N | 42.39 -3.01 0.00 N | 44.06 -3.53 0.00 N | 41.68 -3.58 0.00 N | 46.37 -3.83 0.00 N | 57.83 -4.87 0.00 N | 73.78 -5.55 0.00 N | 89.20 -5.76 0.00 N | 64.97 -3.45 0.00 N | 67.32 -4.03 0.00 N | 53.00 -3.64 0.00 N | 55.47 -4.63 0.00 N | 30.90 -2.83 0.00 N | 36.31 -3.06 0.00 N |
| PEEKSKILL___ 23653 | 58.80 2.78 0.00 N | 48.50 2.14 0.00 N | 44.26 1.80 0.00 N | 48.32 1.75 0.00 N | 87.62 3.20 0.00 N | 98.86 4.10 0.00 N | 130.11 5.61 0.00 N | 74.73 3.17 0.00 N | 65.00 3.40 0.00 N | 67.20 4.06 0.00 N | 53.14 3.41 0.00 N | 48.56 3.16 0.00 N | 50.47 2.88 0.00 N | 48.19 2.94 0.00 N | 53.23 3.03 0.00 N | 66.80 4.09 0.00 N | 85.63 6.31 0.00 N | 102.66 7.70 0.00 N | 73.59 5.17 0.00 N | 76.56 5.21 0.00 N | 60.43 3.79 0.00 N | 63.58 3.48 0.00 N | 35.33 1.60 0.00 N | 41.15 1.78 0.00 N |

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| PGE MADISON___WINDPWR 24146 | 58.89 2.86 0.00 N | 48.48 2.12 0.00 N | 44.36 1.90 0.00 N | 48.61 2.04 0.00 N | 88.32 3.90 0.00 N | 99.97 5.21 0.00 N | 133.69 9.19 0.00 N | 77.48 5.92 0.00 N | 66.90 5.31 0.00 N | 68.77 5.63 0.00 N | 54.25 4.52 0.00 N | 49.46 4.06 0.00 N | 51.72 4.13 0.00 N | 49.22 3.96 0.00 N | 54.49 4.29 0.00 N | 68.01 5.31 0.00 N | 86.80 7.47 0.00 N | 104.63 9.67 0.00 N | 75.32 6.90 0.00 N | 78.27 6.92 0.00 N | 61.60 4.96 0.00 N | 64.64 4.54 0.00 N | 35.91 2.18 0.00 N | 41.66 2.29 0.00 N |
| PIERCEFIELD___HYD 23852 | 55.00 -1.02 0.00 N | 45.53 -0.82 0.00 N | 41.69 -0.78 0.00 N | 45.91 -0.66 0.00 N | 83.15 -1.27 0.00 N | 93.16 -1.60 0.00 N | 122.06 -2.44 0.00 N | 70.40 -1.16 0.00 N | 60.52 -1.08 0.00 N | 61.68 -1.47 0.00 N | 48.20 -1.52 0.00 N | 43.98 -1.42 0.00 N | 46.62 -0.97 0.00 N | 44.24 -1.02 0.00 N | 49.29 -0.92 0.00 N | 61.16 -1.54 0.00 N | 76.03 -3.30 0.00 N | 91.08 -3.88 0.00 N | 65.66 -2.76 0.00 N | 68.52 -2.83 0.00 N | 54.87 -1.78 0.00 N | 59.04 -1.06 0.00 N | 33.20 -0.54 0.00 N | 38.65 -0.72 0.00 N |
| PJM_GEN_KEystone 24065 | 52.05 -3.98 0.00 N | 43.16 -3.20 0.00 N | 39.55 -2.91 0.00 N | 43.16 -3.41 0.00 N | 78.13 -6.29 0.00 N | 54.05 -3.15 0.00 N | 61.03 -11.73 904.76 N | 67.51 -4.06 0.00 N | 58.10 -3.50 0.00 N | 59.32 -3.82 0.00 N | 46.88 -2.84 0.00 N | 42.81 -2.59 0.00 N | 44.48 -3.11 0.00 N | 42.34 -2.92 0.00 N | 46.94 -3.26 0.00 N | 58.65 -4.05 0.00 N | 58.35 0.24 0.90 N | 90.52 -4.44 0.00 N | 65.42 -3.00 0.00 N | 68.15 -3.20 0.00 N | 53.61 -3.03 0.00 N | 56.30 -3.81 0.00 N | 31.21 -4.64 10.56 N | 29.84 -4.65 0.76 N |
| PLEASANTVLY___LBMP 24000 | 57.59 1.56 0.00 N | 47.56 1.21 0.00 N | 43.51 1.05 0.00 N | 47.60 1.03 0.00 N | 86.35 1.93 0.00 N | 97.14 2.38 0.00 N | 127.81 3.31 0.00 N | 73.28 1.71 0.00 N | 63.36 1.77 0.00 N | 65.35 2.20 0.00 N | 51.57 1.84 0.00 N | 46.97 1.58 0.00 N | 48.93 1.34 0.00 N | 46.65 1.39 0.00 N | 51.64 1.44 0.00 N | 64.75 2.05 0.00 N | 82.77 3.45 0.00 N | 99.08 4.12 0.00 N | 71.20 2.78 0.00 N | 74.23 2.88 0.00 N | 58.73 2.08 0.00 N | 61.92 1.82 0.00 N | 34.57 0.83 0.00 N | 40.32 0.95 0.00 N |
| POLETTI___ 23519 | 59.78 3.75 0.00 N | 49.28 2.92 0.00 N | 44.93 2.47 0.00 N | 49.02 2.45 0.00 N | 88.88 4.46 0.00 N | 100.17 5.41 0.00 N | 131.36 6.86 0.00 N | 75.40 3.84 0.00 N | 65.73 4.13 0.00 N | 68.14 5.00 0.00 N | 53.93 4.20 0.00 N | 49.38 3.98 0.00 N | 51.40 3.81 0.00 N | 49.15 3.89 0.00 N | 54.24 4.04 0.00 N | 68.08 5.38 0.00 N | 87.30 7.98 0.00 N | 104.54 9.58 0.00 N | 74.72 6.30 0.00 N | 77.56 6.21 0.00 N | 61.19 4.55 0.00 N | 64.34 4.24 0.00 N | 35.80 2.07 0.00 N | 41.77 2.40 0.00 N |
| PORT_JEFF_3 23555 | 63.93 4.81 -3.09 N | 61.32 4.13 -10.84 N | 61.18 3.69 -15.03 N | 60.01 3.84 -9.60 N | 91.08 6.65 -0.01 N | 99.07 6.29 1.97 N | 121.24 4.72 7.99 N | 75.99 2.95 -1.48 N | 70.13 3.83 -4.70 N | 101.64 5.60 -32.90 N | 79.79 4.94 -25.13 N | 80.99 4.63 -30.96 N | 84.35 4.72 -32.04 N | 95.05 4.72 -45.07 N | 79.89 4.93 -24.76 N | 97.33 6.21 -28.41 N | 104.91 8.07 -17.52 N | 125.35 8.42 -21.98 N | 104.62 5.30 -30.90 N | 93.79 4.78 -17.67 N | 91.13 4.46 -30.02 N | 77.48 4.46 -12.91 N | 58.65 2.49 -22.42 N | 57.17 2.96 -14.84 N |
| PORT_JEFF_4 23616 | 63.48 4.37 -3.09 N | 61.07 3.88 -10.84 N | 60.95 3.46 -15.03 N | 59.76 3.59 -9.60 N | 90.62 6.19 -0.01 N | 98.40 5.61 1.97 N | 120.10 3.10 7.99 N | 75.16 2.12 -1.48 N | 69.39 3.09 -4.70 N | 100.97 4.92 -32.90 N | 79.08 4.22 -25.13 N | 80.32 3.96 -30.96 N | 83.49 3.86 -32.04 N | 94.22 3.89 -45.07 N | 79.04 4.08 -24.76 N | 96.48 5.36 -28.41 N | 103.95 7.11 -17.52 N | 124.21 7.27 -21.98 N | 104.07 4.75 -30.90 N | 93.51 4.50 -17.67 N | 90.98 4.31 -30.02 N | 77.22 4.21 -12.91 N | 58.27 2.12 -22.42 N | 56.82 2.61 -14.84 N |
| PORT_JEFF_IC 23713 | 63.94 4.82 -3.09 N | 61.34 4.14 -10.84 N | 61.20 3.71 -15.03 N | 60.02 3.86 -9.60 N | 91.11 6.67 -0.01 N | 99.01 6.29 2.04 N | 120.91 4.69 8.28 N | 75.97 2.93 -1.48 N | 70.12 3.82 -4.70 N | 101.64 5.60 -32.90 N | 79.80 4.95 -25.13 N | 81.00 4.64 -30.96 N | 84.37 4.74 -32.04 N | 95.07 4.74 -45.07 N | 79.91 4.95 -24.76 N | 97.34 6.23 -28.41 N | 104.90 8.06 -17.52 N | 125.33 8.39 -21.98 N | 104.66 5.35 -30.90 N | 93.89 4.88 -17.67 N | 91.23 4.57 -30.02 N | 77.58 4.56 -12.91 N | 58.73 2.58 -22.42 N | 57.23 3.01 -14.84 N |
| PPL PILGRIM_ST_GT1 24216 | 63.46 4.35 -3.09 N | 60.98 3.78 -10.84 N | 60.89 3.40 -15.03 N | 59.71 3.54 -9.60 N | 90.52 6.09 -0.01 N | 98.47 5.80 2.09 N | 120.98 4.95 8.47 N | 75.99 2.95 -1.48 N | 70.02 3.72 -4.70 N | 101.32 5.28 -32.90 N | 79.33 4.48 -25.13 N | 80.55 4.19 -30.96 N | 83.71 4.07 -32.04 N | 94.41 4.09 -45.07 N | 79.22 4.25 -24.76 N | 96.71 5.59 -28.41 N | 104.57 7.73 -17.52 N | 125.46 8.52 -21.98 N | 104.98 5.66 -30.90 N | 94.44 5.43 -17.67 N | 91.34 4.67 -30.02 N | 77.61 4.59 -12.91 N | 58.55 2.40 -22.42 N | 57.09 2.88 -14.84 N |
| PPL PILGRIM_ST_GT2 24217 | 63.46 4.35 -3.09 N | 60.98 3.78 -10.84 N | 60.89 3.40 -15.03 N | 59.71 3.54 -9.60 N | 90.52 6.09 -0.01 N | 98.47 5.80 2.09 N | 120.98 4.95 8.47 N | 75.99 2.95 -1.48 N | 70.02 3.72 -4.70 N | 101.32 5.28 -32.90 N | 79.33 4.48 -25.13 N | 80.55 4.19 -30.96 N | 83.71 4.07 -32.04 N | 94.41 4.09 -45.07 N | 79.22 4.25 -24.76 N | 96.71 5.59 -28.41 N | 104.57 7.73 -17.52 N | 125.46 8.52 -21.98 N | 104.98 5.66 -30.90 N | 94.44 5.43 -17.67 N | 91.34 4.67 -30.02 N | 77.61 4.59 -12.91 N | 58.55 2.40 -22.42 N | 57.09 2.88 -14.84 N |
| PPL_SHRM_GT3 24213 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.73 5.95 1.99 N | 119.69 3.22 8.04 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| PPL_SHRM_GT4 24214 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.73 5.95 1.99 N | 119.69 3.22 8.04 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| PROJECT___ORANGE 23990 | 56.03 0.00 0.00 N | 46.36 0.00 0.00 N | 42.46 0.00 0.00 N | 46.57 0.00 0.00 N | 84.42 0.00 0.00 N | 94.76 0.00 0.00 N | 124.50 0.00 0.00 N | 71.56 0.00 0.00 N | 61.60 0.00 0.00 N | 63.14 0.00 0.00 N | 49.73 0.00 0.00 N | 45.40 0.00 0.00 N | 47.59 0.00 0.00 N | 45.26 0.00 0.00 N | 50.21 0.00 0.00 N | 62.70 0.00 0.00 N | 79.32 0.00 0.00 N | 94.96 0.00 0.00 N | 68.42 0.00 0.00 N | 71.35 0.00 0.00 N | 56.64 0.00 0.00 N | 60.10 0.00 0.00 N | 33.74 0.00 0.00 N | 39.37 0.00 0.00 N |

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| PROJECT___ORANGE 1 24174 | 55.09 -0.94 0.00 N | 45.54 -0.81 0.00 N | 41.72 -0.74 0.00 N | 45.78 -0.79 0.00 N | 82.93 -1.49 0.00 N | 93.17 -1.59 0.00 N | 122.68 -1.82 0.00 N | 70.67 -0.90 0.00 N | 60.90 -0.70 0.00 N | 62.18 -0.96 0.00 N | 48.86 -0.86 0.00 N | 44.69 -0.70 0.00 N | 47.00 -0.59 0.00 N | 44.70 -0.56 0.00 N | 49.60 -0.61 0.00 N | 61.71 -0.99 0.00 N | 77.77 -1.55 0.00 N | 93.25 -1.71 0.00 N | 67.27 -1.15 0.00 N | 70.14 -1.21 0.00 N | 55.68 -0.97 0.00 N | 59.10 -1.00 0.00 N | 33.24 -0.50 0.00 N | 38.74 -0.63 0.00 N |
| PROJECT___ORANGE 2 24166 | 55.09 -0.94 0.00 N | 45.54 -0.81 0.00 N | 41.72 -0.74 0.00 N | 45.78 -0.79 0.00 N | 82.93 -1.49 0.00 N | 93.17 -1.59 0.00 N | 122.68 -1.82 0.00 N | 70.67 -0.90 0.00 N | 60.90 -0.70 0.00 N | 62.18 -0.96 0.00 N | 48.86 -0.86 0.00 N | 44.69 -0.70 0.00 N | 47.00 -0.59 0.00 N | 44.70 -0.56 0.00 N | 49.60 -0.61 0.00 N | 61.71 -0.99 0.00 N | 77.77 -1.55 0.00 N | 93.25 -1.71 0.00 N | 67.27 -1.15 0.00 N | 70.14 -1.21 0.00 N | 55.68 -0.97 0.00 N | 59.10 -1.00 0.00 N | 33.24 -0.50 0.00 N | 38.74 -0.63 0.00 N |
| PYRITES___HYD 24023 | 57.44 1.42 0.00 N | 47.51 1.16 0.00 N | 43.49 1.03 0.00 N | 47.97 1.40 0.00 N | 86.95 2.53 0.00 N | 97.30 2.54 0.00 N | 127.48 2.98 0.00 N | 73.62 2.06 0.00 N | 63.46 1.87 0.00 N | 64.50 1.36 0.00 N | 50.20 0.47 0.00 N | 45.81 0.42 0.00 N | 48.88 1.29 0.00 N | 46.35 1.10 0.00 N | 51.67 1.47 0.00 N | 63.88 1.18 0.00 N | 78.32 -1.00 0.00 N | 93.26 -1.70 0.00 N | 67.08 -1.34 0.00 N | 70.05 -1.30 0.00 N | 56.76 0.12 0.00 N | 61.75 1.65 0.00 N | 34.77 1.03 0.00 N | 40.43 1.06 0.00 N |
| RANKINE____ 23646 | 51.51 -4.52 0.00 N | 42.96 -3.39 0.00 N | 39.52 -2.94 0.00 N | 43.17 -3.40 0.00 N | 77.57 -6.85 0.00 N | 87.58 -7.18 0.00 N | 117.55 -6.95 0.00 N | 67.88 -3.68 0.00 N | 57.91 -3.68 0.00 N | 58.93 -4.21 0.00 N | 46.78 -2.94 0.00 N | 42.77 -2.63 0.00 N | 44.40 -3.19 0.00 N | 42.14 -3.12 0.00 N | 46.79 -3.42 0.00 N | 58.36 -4.35 0.00 N | 74.63 -4.69 0.00 N | 90.38 -4.58 0.00 N | 65.72 -2.70 0.00 N | 68.15 -3.20 0.00 N | 53.56 -3.09 0.00 N | 56.04 -4.06 0.00 N | 31.14 -2.59 0.00 N | 36.48 -2.89 0.00 N |
| RAVENS GT4-7____ 23728 | 60.25 4.23 0.00 N | 49.70 3.34 0.00 N | 45.30 2.84 0.00 N | 49.42 2.85 0.00 N | 89.61 5.19 0.00 N | 101.12 6.36 0.00 N | 132.63 8.13 0.00 N | 76.16 4.59 0.00 N | 66.55 4.95 0.00 N | 68.94 5.80 0.00 N | 54.56 4.83 0.00 N | 49.95 4.55 0.00 N | 51.99 4.40 0.00 N | 49.74 4.48 0.00 N | 54.90 4.69 0.00 N | 68.86 6.15 0.00 N | 88.34 9.02 0.00 N | 105.71 10.75 0.00 N | 75.62 7.20 0.00 N | 78.49 7.15 0.00 N | 61.90 5.26 0.00 N | 65.20 5.10 0.00 N | 36.25 2.51 0.00 N | 42.25 2.88 0.00 N |
| RAVENSWD GT2____ 23730 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWD GT3____ 23733 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT2_1 24244 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT2_2 24245 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT2_3 24246 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT2_4 24247 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT3_1 24248 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT3_2 24249 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |

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| RAVENSWOOD_GT3_3 24250 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT3_4 24251 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT_1 23729 | 75.45 3.84 -15.58 N | 74.76 3.00 -25.40 N | 77.16 2.54 -32.15 N | 76.92 2.54 -27.81 N | 95.31 4.62 -6.26 N | 101.41 5.70 -0.95 N | 133.35 7.38 -1.47 N | 90.04 4.24 -14.23 N | 102.58 4.52 -36.46 N | 140.20 5.36 -71.70 N | 99.84 4.47 -45.64 N | 94.69 4.18 -45.12 N | 98.89 3.98 -47.32 N | 142.30 4.03 -93.01 N | 117.55 4.20 -63.13 N | 142.69 5.59 -74.40 N | 210.39 8.28 -122.79 N | 212.05 10.00 -107.09 N | 201.63 6.71 -126.50 N | 145.40 6.69 -67.36 N | 84.87 4.90 -23.33 N | 87.50 4.65 -22.75 N | 74.95 2.26 -38.96 N | 76.60 2.55 -34.68 N |
| RAVENSWOOD_GT_10 24258 | 60.26 4.24 0.00 N | 49.71 3.35 0.00 N | 45.31 2.85 0.00 N | 49.43 2.86 0.00 N | 89.63 5.21 0.00 N | 101.14 6.38 0.00 N | 132.65 8.15 0.00 N | 76.17 4.60 0.00 N | 66.57 4.97 0.00 N | 68.95 5.81 0.00 N | 54.57 4.85 0.00 N | 49.96 4.57 0.00 N | 52.01 4.42 0.00 N | 49.75 4.50 0.00 N | 54.91 4.71 0.00 N | 68.88 6.17 0.00 N | 88.36 9.04 0.00 N | 105.73 10.78 0.00 N | 75.64 7.22 0.00 N | 78.51 7.16 0.00 N | 61.91 5.27 0.00 N | 65.22 5.12 0.00 N | 36.25 2.52 0.00 N | 42.26 2.89 0.00 N |
| RAVENSWOOD_GT_11 24259 | 60.26 4.24 0.00 N | 49.71 3.35 0.00 N | 45.31 2.85 0.00 N | 49.43 2.86 0.00 N | 89.63 5.21 0.00 N | 101.14 6.38 0.00 N | 132.65 8.15 0.00 N | 76.17 4.60 0.00 N | 66.57 4.97 0.00 N | 68.95 5.81 0.00 N | 54.57 4.85 0.00 N | 49.96 4.57 0.00 N | 52.01 4.42 0.00 N | 49.75 4.50 0.00 N | 54.91 4.71 0.00 N | 68.88 6.17 0.00 N | 88.36 9.04 0.00 N | 105.73 10.78 0.00 N | 75.64 7.22 0.00 N | 78.51 7.16 0.00 N | 61.91 5.27 0.00 N | 65.22 5.12 0.00 N | 36.25 2.52 0.00 N | 42.26 2.89 0.00 N |
| RAVENSWOOD_GT_4 24252 | 60.25 4.23 0.00 N | 49.70 3.34 0.00 N | 45.30 2.84 0.00 N | 49.42 2.85 0.00 N | 89.61 5.19 0.00 N | 101.12 6.36 0.00 N | 132.63 8.13 0.00 N | 76.16 4.59 0.00 N | 66.55 4.95 0.00 N | 68.94 5.80 0.00 N | 54.56 4.83 0.00 N | 49.95 4.55 0.00 N | 51.99 4.40 0.00 N | 49.74 4.48 0.00 N | 54.90 4.69 0.00 N | 68.86 6.15 0.00 N | 88.34 9.02 0.00 N | 105.71 10.75 0.00 N | 75.62 7.20 0.00 N | 78.49 7.15 0.00 N | 61.90 5.26 0.00 N | 65.20 5.10 0.00 N | 36.25 2.51 0.00 N | 42.25 2.88 0.00 N |
| RAVENSWOOD_GT_5 24254 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT_6 24253 | 60.25 4.23 0.00 N | 49.70 3.34 0.00 N | 45.30 2.84 0.00 N | 49.42 2.85 0.00 N | 89.61 5.19 0.00 N | 101.12 6.36 0.00 N | 132.63 8.13 0.00 N | 76.16 4.59 0.00 N | 66.55 4.95 0.00 N | 68.94 5.80 0.00 N | 54.56 4.83 0.00 N | 49.95 4.55 0.00 N | 51.99 4.40 0.00 N | 49.74 4.48 0.00 N | 54.90 4.69 0.00 N | 68.86 6.15 0.00 N | 88.34 9.02 0.00 N | 105.71 10.75 0.00 N | 75.62 7.20 0.00 N | 78.49 7.15 0.00 N | 61.90 5.26 0.00 N | 65.20 5.10 0.00 N | 36.25 2.51 0.00 N | 42.25 2.88 0.00 N |
| RAVENSWOOD_GT_7 24255 | 59.84 3.82 0.00 N | 49.34 2.98 0.00 N | 44.98 2.52 0.00 N | 49.08 2.51 0.00 N | 89.00 4.58 0.00 N | 100.41 5.65 0.00 N | 131.80 7.30 0.00 N | 75.76 4.20 0.00 N | 66.08 4.48 0.00 N | 68.46 5.32 0.00 N | 54.17 4.44 0.00 N | 49.56 4.16 0.00 N | 51.54 3.95 0.00 N | 49.27 4.01 0.00 N | 54.38 4.17 0.00 N | 68.25 5.55 0.00 N | 87.55 8.23 0.00 N | 104.92 9.96 0.00 N | 75.10 6.68 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.72 4.61 0.00 N | 35.97 2.24 0.00 N | 41.90 2.53 0.00 N |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 60.26 4.24 0.00 N | 49.71 3.35 0.00 N | 45.31 2.85 0.00 N | 49.43 2.86 0.00 N | 89.63 5.21 0.00 N | 101.14 6.38 0.00 N | 132.65 8.15 0.00 N | 76.17 4.60 0.00 N | 66.57 4.97 0.00 N | 68.95 5.81 0.00 N | 54.57 4.85 0.00 N | 49.96 4.57 0.00 N | 52.01 4.42 0.00 N | 49.75 4.50 0.00 N | 54.91 4.71 0.00 N | 68.88 6.17 0.00 N | 88.36 9.04 0.00 N | 105.73 10.78 0.00 N | 75.64 7.22 0.00 N | 78.51 7.16 0.00 N | 61.91 5.27 0.00 N | 65.22 5.12 0.00 N | 36.25 2.52 0.00 N | 42.26 2.89 0.00 N |
| RAVENSWOOD_GT_9 24257 | 60.26 4.24 0.00 N | 49.71 3.35 0.00 N | 45.31 2.85 0.00 N | 49.43 2.86 0.00 N | 89.63 5.21 0.00 N | 101.14 6.38 0.00 N | 132.65 8.15 0.00 N | 76.17 4.60 0.00 N | 66.57 4.97 0.00 N | 68.95 5.81 0.00 N | 54.57 4.85 0.00 N | 49.96 4.57 0.00 N | 52.01 4.42 0.00 N | 49.75 4.50 0.00 N | 54.91 4.71 0.00 N | 68.88 6.17 0.00 N | 88.36 9.04 0.00 N | 105.73 10.78 0.00 N | 75.64 7.22 0.00 N | 78.51 7.16 0.00 N | 61.91 5.27 0.00 N | 65.22 5.12 0.00 N | 36.25 2.52 0.00 N | 42.26 2.89 0.00 N |
| RAVENSWOOD____1 23533 | 75.70 4.09 -15.58 N | 75.10 3.34 -25.40 N | 77.47 2.86 -32.15 N | 77.24 2.87 -27.81 N | 95.91 5.23 -6.26 N | 102.09 6.38 -0.95 N | 134.14 8.16 -1.47 N | 90.41 4.61 -14.23 N | 103.03 4.97 -36.46 N | 140.65 5.81 -71.70 N | 100.21 4.85 -45.64 N | 95.08 4.57 -45.12 N | 99.33 4.42 -47.32 N | 142.77 4.50 -93.01 N | 118.05 4.71 -63.13 N | 143.28 6.18 -74.40 N | 211.15 9.04 -122.79 N | 212.82 10.77 -107.09 N | 202.14 7.22 -126.50 N | 145.87 7.16 -67.36 N | 85.24 5.27 -23.33 N | 87.97 5.12 -22.75 N | 75.22 2.52 -38.96 N | 76.94 2.89 -34.68 N |
| RAVENSWOOD____2 23534 | 75.69 4.09 -15.58 N | 75.01 3.25 -25.40 N | 77.36 2.75 -32.15 N | 77.13 2.75 -27.81 N | 95.70 5.02 -6.26 N | 101.84 6.13 -0.95 N | 133.62 7.65 -1.47 N | 90.03 4.24 -14.23 N | 102.67 4.61 -36.46 N | 140.25 5.41 -71.70 N | 99.88 4.52 -45.64 N | 94.77 4.26 -45.12 N | 99.01 4.10 -47.32 N | 142.46 4.19 -93.01 N | 117.71 4.37 -63.13 N | 142.86 5.75 -74.40 N | 210.61 8.50 -122.79 N | 212.17 10.12 -107.09 N | 201.67 6.75 -126.50 N | 145.39 6.68 -67.36 N | 84.87 4.90 -23.33 N | 87.59 4.74 -22.75 N | 74.99 2.29 -38.96 N | 76.69 2.64 -34.68 N |

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| RAVENSWOOD___3 23535 | 59.86 3.84 0.00 N | 49.36 3.00 0.00 N | 45.00 2.54 0.00 N | 49.11 2.54 0.00 N | 89.04 4.62 0.00 N | 100.45 5.70 0.00 N | 131.88 7.38 0.00 N | 75.81 4.24 0.00 N | 66.12 4.52 0.00 N | 68.50 5.36 0.00 N | 54.20 4.47 0.00 N | 49.58 4.18 0.00 N | 51.57 3.98 0.00 N | 49.29 4.03 0.00 N | 54.41 4.20 0.00 N | 68.29 5.59 0.00 N | 87.60 8.28 0.00 N | 104.96 10.00 0.00 N | 75.13 6.71 0.00 N | 78.03 6.69 0.00 N | 61.55 4.90 0.00 N | 64.75 4.65 0.00 N | 35.99 2.26 0.00 N | 41.92 2.55 0.00 N |
| RAVENSWOOD___4 23820 | 75.87 4.26 -15.58 N | 75.14 3.38 -25.40 N | 77.49 2.87 -32.15 N | 77.26 2.88 -27.81 N | 95.93 5.25 -6.26 N | 102.13 6.42 -0.95 N | 134.17 8.20 -1.47 N | 90.42 4.63 -14.23 N | 103.05 5.00 -36.46 N | 140.68 5.84 -71.70 N | 100.24 4.87 -45.64 N | 95.10 4.59 -45.12 N | 99.36 4.45 -47.32 N | 142.80 4.53 -93.01 N | 118.08 4.74 -63.13 N | 143.32 6.21 -74.40 N | 211.20 9.09 -122.79 N | 212.88 10.83 -107.09 N | 202.18 7.25 -126.50 N | 145.90 7.19 -67.36 N | 85.26 5.29 -23.33 N | 88.00 5.15 -22.75 N | 75.23 2.53 -38.96 N | 76.95 2.90 -34.68 N |
| RAVNSWD 8-11____ 23667 | 60.26 4.24 0.00 N | 49.71 3.35 0.00 N | 45.31 2.85 0.00 N | 49.43 2.86 0.00 N | 89.63 5.21 0.00 N | 101.14 6.38 0.00 N | 132.65 8.15 0.00 N | 76.17 4.60 0.00 N | 66.57 4.97 0.00 N | 68.95 5.81 0.00 N | 54.57 4.85 0.00 N | 49.96 4.57 0.00 N | 52.01 4.42 0.00 N | 49.75 4.50 0.00 N | 54.91 4.71 0.00 N | 68.88 6.17 0.00 N | 88.36 9.04 0.00 N | 105.73 10.78 0.00 N | 75.64 7.22 0.00 N | 78.51 7.16 0.00 N | 61.91 5.27 0.00 N | 65.22 5.12 0.00 N | 36.25 2.52 0.00 N | 42.26 2.89 0.00 N |
| RCPL_TRUST___DRP 24196 | 59.82 3.79 0.00 N | 49.31 2.96 0.00 N | 44.96 2.50 0.00 N | 49.06 2.49 0.00 N | 88.96 4.54 0.00 N | 100.38 5.62 0.00 N | 131.78 7.28 0.00 N | 75.76 4.20 0.00 N | 66.07 4.47 0.00 N | 68.45 5.30 0.00 N | 54.16 4.43 0.00 N | 49.54 4.15 0.00 N | 51.52 3.93 0.00 N | 49.24 3.99 0.00 N | 54.36 4.15 0.00 N | 68.23 5.53 0.00 N | 87.53 8.20 0.00 N | 104.91 9.95 0.00 N | 75.09 6.67 0.00 N | 78.00 6.65 0.00 N | 61.51 4.87 0.00 N | 64.70 4.60 0.00 N | 35.97 2.23 0.00 N | 41.89 2.52 0.00 N |
| RENSSELAER___COGEN 23796 | 60.65 4.62 0.00 N | 50.12 3.77 0.00 N | 45.92 3.46 0.00 N | 50.66 4.09 0.00 N | 92.19 7.77 0.00 N | 102.42 7.66 0.00 N | 132.86 8.36 0.00 N | 76.40 4.84 0.00 N | 66.00 4.40 0.00 N | 67.87 4.73 0.00 N | 53.04 3.31 0.00 N | 48.20 2.81 0.00 N | 51.18 3.58 0.00 N | 48.62 3.36 0.00 N | 53.95 3.74 0.00 N | 67.27 4.57 0.00 N | 84.02 4.69 0.00 N | 99.67 4.71 0.00 N | 71.61 3.19 0.00 N | 74.92 3.57 0.00 N | 60.06 3.41 0.00 N | 64.50 4.40 0.00 N | 36.63 2.89 0.00 N | 42.86 3.49 0.00 N |
| REVERE_CPPR_DRP 24186 | 57.68 1.65 0.00 N | 47.71 1.36 0.00 N | 43.72 1.26 0.00 N | 48.09 1.52 0.00 N | 87.29 2.87 0.00 N | 97.86 3.10 0.00 N | 128.48 3.98 0.00 N | 74.03 2.47 0.00 N | 64.08 2.48 0.00 N | 65.39 2.25 0.00 N | 51.13 1.40 0.00 N | 46.69 1.30 0.00 N | 49.46 1.87 0.00 N | 47.02 1.76 0.00 N | 52.21 2.00 0.00 N | 64.79 2.09 0.00 N | 81.10 1.78 0.00 N | 97.13 2.18 0.00 N | 69.93 1.51 0.00 N | 72.96 1.61 0.00 N | 58.02 1.38 0.00 N | 61.97 1.87 0.00 N | 34.85 1.11 0.00 N | 40.59 1.22 0.00 N |
| ROCHESTER_9_IC 23652 | 55.68 -0.35 0.00 N | 46.12 -0.24 0.00 N | 42.31 -0.15 0.00 N | 46.61 0.04 0.00 N | 84.08 -0.34 0.00 N | 93.82 -0.94 0.00 N | 124.24 -0.26 0.00 N | 72.32 0.75 0.00 N | 61.89 0.29 0.00 N | 62.96 -0.18 0.00 N | 49.42 -0.31 0.00 N | 45.16 -0.23 0.00 N | 47.99 0.40 0.00 N | 45.37 0.11 0.00 N | 50.55 0.34 0.00 N | 62.69 -0.02 0.00 N | 78.07 -1.25 0.00 N | 93.66 -1.30 0.00 N | 67.84 -0.58 0.00 N | 70.53 -0.82 0.00 N | 56.32 -0.32 0.00 N | 60.13 0.03 0.00 N | 33.86 0.13 0.00 N | 39.60 0.24 0.00 N |
| ROSETON___1 23587 | 58.48 2.45 0.00 N | 48.26 1.91 0.00 N | 44.12 1.66 0.00 N | 48.23 1.66 0.00 N | 87.49 3.07 0.00 N | 98.49 3.73 0.00 N | 129.60 5.10 0.00 N | 74.36 2.79 0.00 N | 64.49 2.90 0.00 N | 66.61 3.46 0.00 N | 52.58 2.86 0.00 N | 47.94 2.55 0.00 N | 49.89 2.30 0.00 N | 47.61 2.35 0.00 N | 52.60 2.39 0.00 N | 66.10 3.39 0.00 N | 84.38 5.06 0.00 N | 100.93 5.97 0.00 N | 72.39 3.97 0.00 N | 75.42 4.07 0.00 N | 59.68 3.03 0.00 N | 62.87 2.77 0.00 N | 35.05 1.31 0.00 N | 40.87 1.50 0.00 N |
| ROSETON___2 23588 | 58.48 2.45 0.00 N | 48.26 1.91 0.00 N | 44.12 1.66 0.00 N | 48.23 1.66 0.00 N | 87.49 3.07 0.00 N | 98.49 3.73 0.00 N | 129.60 5.10 0.00 N | 74.36 2.79 0.00 N | 64.49 2.90 0.00 N | 66.61 3.46 0.00 N | 52.58 2.86 0.00 N | 47.94 2.55 0.00 N | 49.89 2.30 0.00 N | 47.61 2.35 0.00 N | 52.60 2.39 0.00 N | 66.09 3.39 0.00 N | 84.32 5.00 0.00 N | 100.80 5.84 0.00 N | 72.25 3.83 0.00 N | 75.27 3.93 0.00 N | 59.59 2.95 0.00 N | 62.80 2.69 0.00 N | 35.02 1.28 0.00 N | 40.84 1.47 0.00 N |
| RUSSELL___STATION 23914 | 55.43 -0.60 0.00 N | 45.89 -0.47 0.00 N | 42.08 -0.38 0.00 N | 46.35 -0.22 0.00 N | 83.46 -0.96 0.00 N | 92.85 -1.91 0.00 N | 123.02 -1.48 0.00 N | 71.67 0.11 0.00 N | 61.35 -0.25 0.00 N | 62.45 -0.70 0.00 N | 49.02 -0.71 0.00 N | 44.83 -0.57 0.00 N | 47.66 0.07 0.00 N | 45.06 -0.20 0.00 N | 50.19 -0.01 0.00 N | 62.21 -0.49 0.00 N | 77.48 -1.85 0.00 N | 93.01 -1.94 0.00 N | 67.38 -1.04 0.00 N | 70.00 -1.35 0.00 N | 55.90 -0.75 0.00 N | 59.63 -0.47 0.00 N | 33.55 -0.18 0.00 N | 39.34 -0.03 0.00 N |
| S SALMON___HYD 24043 | 55.03 -1.00 0.00 N | 45.48 -0.88 0.00 N | 41.65 -0.81 0.00 N | 45.81 -0.76 0.00 N | 83.06 -1.36 0.00 N | 93.12 -1.64 0.00 N | 121.77 -2.73 0.00 N | 70.20 -1.36 0.00 N | 60.62 -0.98 0.00 N | 61.90 -1.24 0.00 N | 48.50 -1.23 0.00 N | 44.31 -1.09 0.00 N | 46.91 -0.68 0.00 N | 44.57 -0.69 0.00 N | 49.51 -0.70 0.00 N | 61.42 -1.29 0.00 N | 76.76 -2.56 0.00 N | 91.93 -3.03 0.00 N | 66.28 -2.14 0.00 N | 69.15 -2.20 0.00 N | 55.13 -1.51 0.00 N | 59.01 -1.09 0.00 N | 33.29 -0.45 0.00 N | 38.77 -0.60 0.00 N |
| SELKIRK___II 23799 | 60.30 4.27 0.00 N | 49.83 3.48 0.00 N | 45.66 3.20 0.00 N | 50.35 3.78 0.00 N | 91.53 7.11 0.00 N | 101.24 6.48 0.00 N | 130.17 5.67 0.00 N | 74.83 3.26 0.00 N | 64.65 3.06 0.00 N | 66.44 3.29 0.00 N | 51.91 2.18 0.00 N | 47.23 1.83 0.00 N | 50.15 2.56 0.00 N | 47.64 2.38 0.00 N | 52.87 2.66 0.00 N | 65.89 3.18 0.00 N | 82.18 2.86 0.00 N | 97.48 2.53 0.00 N | 70.03 1.61 0.00 N | 73.25 1.91 0.00 N | 58.74 2.10 0.00 N | 63.31 3.21 0.00 N | 36.23 2.49 0.00 N | 42.54 3.17 0.00 N |
| SELKIRK___I 23801 | 59.94 3.91 0.00 N | 49.53 3.17 0.00 N | 45.36 2.90 0.00 N | 49.99 3.42 0.00 N | 90.90 6.48 0.00 N | 100.92 6.16 0.00 N | 130.08 5.58 0.00 N | 74.89 3.32 0.00 N | 64.77 3.17 0.00 N | 66.57 3.43 0.00 N | 52.02 2.29 0.00 N | 47.36 1.96 0.00 N | 50.27 2.68 0.00 N | 47.77 2.52 0.00 N | 53.00 2.80 0.00 N | 66.04 3.34 0.00 N | 82.39 3.07 0.00 N | 97.76 2.80 0.00 N | 70.17 1.75 0.00 N | 73.37 2.03 0.00 N | 58.82 2.18 0.00 N | 63.22 3.12 0.00 N | 35.92 2.19 0.00 N | 42.08 2.71 0.00 N |

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| SENECA OSWGO___HYD 24041 | 54.50 -1.53 0.00 N | 45.12 -1.24 0.00 N | 41.30 -1.16 0.00 N | 45.32 -1.25 0.00 N | 82.13 -2.29 0.00 N | 92.21 -2.55 0.00 N | 121.24 -3.26 0.00 N | 69.79 -1.77 0.00 N | 60.15 -1.45 0.00 N | 61.43 -1.72 0.00 N | 48.29 -1.44 0.00 N | 44.13 -1.26 0.00 N | 46.42 -1.17 0.00 N | 44.13 -1.12 0.00 N | 48.98 -1.22 0.00 N | 61.00 -1.70 0.00 N | 76.87 -2.45 0.00 N | 92.12 -2.84 0.00 N | 66.43 -1.99 0.00 N | 69.25 -2.09 0.00 N | 54.98 -1.66 0.00 N | 58.42 -1.68 0.00 N | 32.86 -0.87 0.00 N | 38.32 -1.05 0.00 N |
| SENECA___ENERGY 23797 | 54.59 -1.44 0.00 N | 45.02 -1.34 0.00 N | 41.22 -1.24 0.00 N | 45.20 -1.37 0.00 N | 81.33 -3.09 0.00 N | 91.70 -3.06 0.00 N | 121.40 -3.10 0.00 N | 70.07 -1.49 0.00 N | 60.33 -1.27 0.00 N | 61.75 -1.39 0.00 N | 48.68 -1.05 0.00 N | 44.56 -0.83 0.00 N | 47.07 -0.52 0.00 N | 44.79 -0.47 0.00 N | 49.64 -0.57 0.00 N | 61.77 -0.94 0.00 N | 77.98 -1.35 0.00 N | 93.27 -1.69 0.00 N | 67.39 -1.03 0.00 N | 70.18 -1.17 0.00 N | 55.55 -1.10 0.00 N | 58.72 -1.38 0.00 N | 33.04 -0.70 0.00 N | 38.76 -0.61 0.00 N |
| SHOEMAKER___GT 23640 | 57.38 1.35 0.00 N | 47.38 1.02 0.00 N | 43.29 0.83 0.00 N | 47.29 0.72 0.00 N | 85.75 1.33 0.00 N | 96.70 1.94 0.00 N | 127.78 3.28 0.00 N | 73.25 1.68 0.00 N | 63.43 1.83 0.00 N | 65.32 2.17 0.00 N | 51.60 1.88 0.00 N | 47.11 1.71 0.00 N | 48.91 1.32 0.00 N | 46.65 1.39 0.00 N | 51.61 1.41 0.00 N | 64.68 1.98 0.00 N | 82.85 3.53 0.00 N | 99.44 4.48 0.00 N | 71.44 3.02 0.00 N | 74.50 3.15 0.00 N | 58.86 2.22 0.00 N | 61.92 1.82 0.00 N | 34.42 0.69 0.00 N | 40.09 0.72 0.00 N |
| SHOREHAM_IC_1 23715 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.73 5.95 1.99 N | 119.69 3.22 8.04 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| SHOREHAM_IC_2 23716 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.73 5.95 1.99 N | 119.69 3.22 8.04 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| SISSONVILLE____ 23735 | 55.00 -1.02 0.00 N | 45.53 -0.82 0.00 N | 41.69 -0.78 0.00 N | 45.91 -0.66 0.00 N | 83.15 -1.27 0.00 N | 93.16 -1.60 0.00 N | 122.06 -2.44 0.00 N | 70.40 -1.16 0.00 N | 60.52 -1.08 0.00 N | 61.68 -1.47 0.00 N | 48.20 -1.52 0.00 N | 43.98 -1.42 0.00 N | 46.62 -0.97 0.00 N | 44.24 -1.02 0.00 N | 49.29 -0.92 0.00 N | 61.16 -1.54 0.00 N | 76.03 -3.30 0.00 N | 91.08 -3.88 0.00 N | 65.66 -2.76 0.00 N | 68.52 -2.83 0.00 N | 54.87 -1.78 0.00 N | 59.04 -1.06 0.00 N | 33.20 -0.54 0.00 N | 38.65 -0.72 0.00 N |
| SITHE_IND_GS1 24169 | 54.05 -1.98 0.00 N | 44.73 -1.63 0.00 N | 40.99 -1.47 0.00 N | 44.94 -1.63 0.00 N | 81.40 -3.02 0.00 N | 91.44 -3.32 0.00 N | 120.19 -4.31 0.00 N | 69.12 -2.44 0.00 N | 59.43 -2.17 0.00 N | 60.78 -2.37 0.00 N | 47.89 -1.83 0.00 N | 43.77 -1.63 0.00 N | 45.88 -1.71 0.00 N | 43.62 -1.63 0.00 N | 48.40 -1.81 0.00 N | 60.41 -2.29 0.00 N | 76.39 -2.93 0.00 N | 91.49 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.57 0.00 N | 54.56 -2.08 0.00 N | 57.83 -2.27 0.00 N | 32.54 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE_IND_GS2 24170 | 54.05 -1.98 0.00 N | 44.73 -1.63 0.00 N | 40.99 -1.47 0.00 N | 44.94 -1.63 0.00 N | 81.40 -3.02 0.00 N | 91.44 -3.32 0.00 N | 120.19 -4.31 0.00 N | 69.12 -2.44 0.00 N | 59.43 -2.17 0.00 N | 60.78 -2.37 0.00 N | 47.89 -1.83 0.00 N | 43.77 -1.63 0.00 N | 45.88 -1.71 0.00 N | 43.62 -1.63 0.00 N | 48.40 -1.81 0.00 N | 60.41 -2.29 0.00 N | 76.39 -2.93 0.00 N | 91.49 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.57 0.00 N | 54.56 -2.08 0.00 N | 57.83 -2.27 0.00 N | 32.54 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE_IND_GS3 24171 | 54.05 -1.98 0.00 N | 44.73 -1.63 0.00 N | 40.99 -1.47 0.00 N | 44.94 -1.63 0.00 N | 81.40 -3.02 0.00 N | 91.44 -3.32 0.00 N | 120.19 -4.31 0.00 N | 69.12 -2.44 0.00 N | 59.43 -2.17 0.00 N | 60.78 -2.37 0.00 N | 47.89 -1.83 0.00 N | 43.77 -1.63 0.00 N | 45.88 -1.71 0.00 N | 43.62 -1.63 0.00 N | 48.40 -1.81 0.00 N | 60.41 -2.29 0.00 N | 76.39 -2.93 0.00 N | 91.49 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.57 0.00 N | 54.56 -2.08 0.00 N | 57.83 -2.27 0.00 N | 32.54 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE_IND_GS4 24172 | 54.05 -1.98 0.00 N | 44.73 -1.63 0.00 N | 40.99 -1.47 0.00 N | 44.94 -1.63 0.00 N | 81.40 -3.02 0.00 N | 91.44 -3.32 0.00 N | 120.19 -4.31 0.00 N | 69.12 -2.44 0.00 N | 59.43 -2.17 0.00 N | 60.78 -2.37 0.00 N | 47.89 -1.83 0.00 N | 43.77 -1.63 0.00 N | 45.88 -1.71 0.00 N | 43.62 -1.63 0.00 N | 48.40 -1.81 0.00 N | 60.41 -2.29 0.00 N | 76.39 -2.93 0.00 N | 91.49 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.57 0.00 N | 54.56 -2.08 0.00 N | 57.83 -2.27 0.00 N | 32.54 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE___BATAVIA 24024 | 53.56 -2.46 0.00 N | 44.38 -1.98 0.00 N | 40.70 -1.76 0.00 N | 44.54 -2.03 0.00 N | 80.31 -4.11 0.00 N | 90.57 -4.18 0.00 N | 120.98 -3.52 0.00 N | 70.18 -1.38 0.00 N | 60.19 -1.41 0.00 N | 61.53 -1.62 0.00 N | 48.80 -0.92 0.00 N | 44.59 -0.80 0.00 N | 46.54 -1.05 0.00 N | 44.03 -1.23 0.00 N | 48.97 -1.24 0.00 N | 61.16 -1.55 0.00 N | 77.74 -1.59 0.00 N | 93.52 -1.44 0.00 N | 67.83 -0.59 0.00 N | 70.37 -0.98 0.00 N | 55.55 -1.09 0.00 N | 58.37 -1.73 0.00 N | 32.55 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE___INDEPEND 23800 | 54.05 -1.98 0.00 N | 44.73 -1.63 0.00 N | 40.99 -1.47 0.00 N | 44.94 -1.63 0.00 N | 81.40 -3.02 0.00 N | 91.44 -3.32 0.00 N | 120.19 -4.31 0.00 N | 69.12 -2.44 0.00 N | 59.43 -2.17 0.00 N | 60.78 -2.37 0.00 N | 47.89 -1.83 0.00 N | 43.77 -1.63 0.00 N | 45.88 -1.71 0.00 N | 43.62 -1.63 0.00 N | 48.40 -1.81 0.00 N | 60.41 -2.29 0.00 N | 76.39 -2.93 0.00 N | 91.49 -3.46 0.00 N | 65.99 -2.43 0.00 N | 68.78 -2.57 0.00 N | 54.56 -2.08 0.00 N | 57.83 -2.27 0.00 N | 32.54 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| SITHE___MASSENA 23902 | 56.01 -0.01 0.00 N | 46.37 0.01 0.00 N | 42.46 0.00 0.00 N | 46.65 0.08 0.00 N | 84.46 0.04 0.00 N | 94.78 0.03 0.00 N | 124.48 -0.02 0.00 N | 71.69 0.13 0.00 N | 61.44 -0.16 0.00 N | 62.78 -0.37 0.00 N | 49.32 -0.40 0.00 N | 45.04 -0.35 0.00 N | 47.43 -0.16 0.00 N | 45.01 -0.25 0.00 N | 50.06 -0.14 0.00 N | 62.36 -0.35 0.00 N | 78.13 -1.19 0.00 N | 93.56 -1.39 0.00 N | 67.49 -0.93 0.00 N | 70.38 -0.97 0.00 N | 56.20 -0.45 0.00 N | 60.09 -0.01 0.00 N | 33.72 -0.02 0.00 N | 39.34 -0.03 0.00 N |

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| SITHE___OGDNSBRG 24021 | 58.34 2.31 0.00 N | 48.25 1.90 0.00 N | 44.18 1.71 0.00 N | 48.68 2.11 0.00 N | 88.18 3.76 0.00 N | 98.78 4.02 0.00 N | 129.62 5.12 0.00 N | 74.83 3.26 0.00 N | 64.36 2.76 0.00 N | 65.45 2.31 0.00 N | 51.07 1.34 0.00 N | 46.65 1.25 0.00 N | 49.62 2.03 0.00 N | 47.05 1.79 0.00 N | 52.42 2.21 0.00 N | 64.83 2.13 0.00 N | 78.30 -1.02 0.00 N | 91.71 -3.25 0.00 N | 65.70 -2.72 0.00 N | 68.62 -2.72 0.00 N | 56.93 0.29 0.00 N | 62.68 2.58 0.00 N | 35.26 1.53 0.00 N | 40.99 1.62 0.00 N |
| SITHE___STERLING 23777 | 56.92 0.90 0.00 N | 47.12 0.77 0.00 N | 43.19 0.73 0.00 N | 47.47 0.90 0.00 N | 86.13 1.71 0.00 N | 96.65 1.89 0.00 N | 127.03 2.53 0.00 N | 73.16 1.60 0.00 N | 63.23 1.64 0.00 N | 64.58 1.43 0.00 N | 50.59 0.86 0.00 N | 46.21 0.81 0.00 N | 48.81 1.22 0.00 N | 46.40 1.15 0.00 N | 51.51 1.30 0.00 N | 64.00 1.29 0.00 N | 80.34 1.02 0.00 N | 96.23 1.28 0.00 N | 69.30 0.88 0.00 N | 72.27 0.92 0.00 N | 57.38 0.74 0.00 N | 61.15 1.05 0.00 N | 34.39 0.65 0.00 N | 40.09 0.72 0.00 N |
| SOUTH CAIRO___GT 23612 | 58.29 2.26 0.00 N | 48.25 1.90 0.00 N | 44.22 1.76 0.00 N | 48.50 1.93 0.00 N | 88.06 3.64 0.00 N | 98.49 3.74 0.00 N | 128.55 4.05 0.00 N | 73.58 2.01 0.00 N | 63.36 1.76 0.00 N | 65.27 2.12 0.00 N | 51.53 1.80 0.00 N | 46.93 1.54 0.00 N | 49.02 1.43 0.00 N | 46.67 1.41 0.00 N | 51.69 1.48 0.00 N | 64.67 1.96 0.00 N | 82.52 3.20 0.00 N | 98.77 3.82 0.00 N | 71.16 2.74 0.00 N | 74.26 2.92 0.00 N | 58.79 2.15 0.00 N | 62.19 2.09 0.00 N | 35.03 1.30 0.00 N | 41.03 1.66 0.00 N |
| SOUTH HAMPTN___IC 23720 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| SOUTHOLD___IC 23719 | 63.78 4.66 -3.09 N | 61.20 4.01 -10.84 N | 61.07 3.58 -15.03 N | 59.89 3.72 -9.60 N | 90.86 6.43 -0.01 N | 98.74 5.95 1.97 N | 119.73 3.22 7.99 N | 75.21 2.17 -1.48 N | 69.48 3.18 -4.70 N | 101.57 5.53 -32.90 N | 79.82 4.97 -25.13 N | 81.02 4.66 -30.96 N | 84.24 4.61 -32.04 N | 94.93 4.60 -45.07 N | 79.79 4.82 -24.76 N | 97.40 6.28 -28.41 N | 105.10 8.26 -17.52 N | 124.97 8.04 -21.98 N | 104.55 5.23 -30.90 N | 93.90 4.89 -17.67 N | 91.60 4.93 -30.02 N | 78.07 5.05 -12.91 N | 58.77 2.61 -22.42 N | 57.24 3.03 -14.84 N |
| ST LAWRENCE___ 23600 | 55.58 -0.45 0.00 N | 46.02 -0.34 0.00 N | 42.15 -0.32 0.00 N | 46.26 -0.31 0.00 N | 83.73 -0.69 0.00 N | 94.03 -0.73 0.00 N | 123.55 -0.95 0.00 N | 71.12 -0.45 0.00 N | 60.88 -0.72 0.00 N | 62.28 -0.86 0.00 N | 49.04 -0.69 0.00 N | 44.79 -0.61 0.00 N | 47.02 -0.57 0.00 N | 44.64 -0.62 0.00 N | 49.63 -0.58 0.00 N | 61.91 -0.80 0.00 N | 77.92 -1.40 0.00 N | 93.40 -1.56 0.00 N | 67.41 -1.01 0.00 N | 70.27 -1.08 0.00 N | 55.95 -0.69 0.00 N | 59.60 -0.50 0.00 N | 33.42 -0.32 0.00 N | 39.01 -0.36 0.00 N |
| STATION 5_MISC_HYD 23604 | 53.22 -2.81 0.00 N | 43.90 -2.46 0.00 N | 40.19 -2.28 0.00 N | 44.27 -2.30 0.00 N | 80.02 -4.41 0.00 N | 89.81 -4.95 0.00 N | 120.21 -4.29 0.00 N | 70.52 -1.05 0.00 N | 60.47 -1.13 0.00 N | 61.66 -1.49 0.00 N | 48.37 -1.36 0.00 N | 45.44 0.04 0.00 N | 48.58 0.99 0.00 N | 45.93 0.67 0.00 N | 50.95 0.74 0.00 N | 61.54 -1.16 0.00 N | 76.65 -2.67 0.00 N | 92.41 -2.55 0.00 N | 66.90 -1.52 0.00 N | 69.43 -1.91 0.00 N | 55.22 -1.42 0.00 N | 58.69 -1.41 0.00 N | 32.77 -0.97 0.00 N | 37.97 -1.40 0.00 N |
| STURGEON_POOL_HYD 23609 | 57.77 1.74 0.00 N | 47.69 1.33 0.00 N | 43.63 1.16 0.00 N | 47.71 1.14 0.00 N | 86.60 2.18 0.00 N | 97.47 2.71 0.00 N | 128.37 3.87 0.00 N | 73.66 2.10 0.00 N | 63.82 2.22 0.00 N | 65.89 2.74 0.00 N | 52.02 2.30 0.00 N | 47.39 2.00 0.00 N | 49.34 1.75 0.00 N | 47.06 1.81 0.00 N | 52.06 1.85 0.00 N | 65.31 2.61 0.00 N | 83.49 4.16 0.00 N | 99.95 5.00 0.00 N | 71.78 3.36 0.00 N | 74.79 3.45 0.00 N | 59.15 2.51 0.00 N | 62.28 2.18 0.00 N | 34.71 0.97 0.00 N | 40.47 1.10 0.00 N |
| SYRACUSE___POWER 24017 | 54.92 -1.11 0.00 N | 45.41 -0.95 0.00 N | 41.60 -0.86 0.00 N | 45.64 -0.93 0.00 N | 82.67 -1.75 0.00 N | 92.91 -1.84 0.00 N | 122.45 -2.05 0.00 N | 70.52 -1.04 0.00 N | 60.79 -0.81 0.00 N | 62.05 -1.09 0.00 N | 48.77 -0.96 0.00 N | 44.58 -0.82 0.00 N | 46.89 -0.70 0.00 N | 44.58 -0.68 0.00 N | 49.48 -0.73 0.00 N | 61.57 -1.13 0.00 N | 77.64 -1.68 0.00 N | 93.13 -1.83 0.00 N | 67.19 -1.23 0.00 N | 70.03 -1.31 0.00 N | 55.56 -1.09 0.00 N | 58.95 -1.16 0.00 N | 33.13 -0.61 0.00 N | 38.64 -0.73 0.00 N |
| Stony___Brook 24151 | 63.94 4.82 -3.09 N | 61.34 4.14 -10.84 N | 61.20 3.71 -15.03 N | 60.02 3.86 -9.60 N | 91.11 6.67 -0.01 N | 99.01 6.29 2.04 N | 120.91 4.69 8.28 N | 75.97 2.93 -1.48 N | 70.12 3.82 -4.70 N | 101.64 5.60 -32.90 N | 79.80 4.95 -25.13 N | 81.00 4.64 -30.96 N | 84.37 4.74 -32.04 N | 95.07 4.74 -45.07 N | 79.91 4.95 -24.76 N | 97.34 6.23 -28.41 N | 104.90 8.06 -17.52 N | 125.33 8.39 -21.98 N | 104.66 5.35 -30.90 N | 93.89 4.88 -17.67 N | 91.23 4.57 -30.02 N | 77.58 4.56 -12.91 N | 58.73 2.58 -22.42 N | 57.23 3.01 -14.84 N |
| UPPER HUDSON___HYD 24058 | 60.72 4.69 0.00 N | 50.13 3.77 0.00 N | 45.91 3.45 0.00 N | 50.83 4.26 0.00 N | 92.69 8.27 0.00 N | 103.14 8.38 0.00 N | 135.22 10.72 0.00 N | 77.79 6.23 0.00 N | 66.86 5.26 0.00 N | 69.00 5.86 0.00 N | 53.96 4.23 0.00 N | 48.71 3.31 0.00 N | 51.75 4.16 0.00 N | 49.17 3.91 0.00 N | 54.57 4.36 0.00 N | 68.24 5.53 0.00 N | 85.83 6.51 0.00 N | 102.13 7.17 0.00 N | 73.57 5.15 0.00 N | 77.00 5.66 0.00 N | 61.64 4.99 0.00 N | 65.88 5.77 0.00 N | 37.12 3.38 0.00 N | 43.25 3.88 0.00 N |
| UPPER RAQUET___HYD 24056 | 55.00 -1.02 0.00 N | 45.53 -0.82 0.00 N | 41.69 -0.78 0.00 N | 45.91 -0.66 0.00 N | 83.15 -1.27 0.00 N | 93.16 -1.60 0.00 N | 122.06 -2.44 0.00 N | 70.40 -1.16 0.00 N | 60.52 -1.08 0.00 N | 61.68 -1.47 0.00 N | 48.20 -1.52 0.00 N | 43.98 -1.42 0.00 N | 46.62 -0.97 0.00 N | 44.24 -1.02 0.00 N | 49.29 -0.92 0.00 N | 61.16 -1.54 0.00 N | 76.03 -3.30 0.00 N | 91.08 -3.88 0.00 N | 65.66 -2.76 0.00 N | 68.52 -2.83 0.00 N | 54.87 -1.78 0.00 N | 59.04 -1.06 0.00 N | 33.20 -0.54 0.00 N | 38.65 -0.72 0.00 N |
| VISCHER___FERRY HYD 24020 | 60.44 4.41 0.00 N | 49.92 3.56 0.00 N | 45.74 3.28 0.00 N | 50.55 3.98 0.00 N | 92.07 7.65 0.00 N | 102.33 7.57 0.00 N | 133.01 8.51 0.00 N | 76.39 4.83 0.00 N | 65.87 4.27 0.00 N | 67.87 4.72 0.00 N | 53.06 3.34 0.00 N | 48.08 2.68 0.00 N | 51.04 3.45 0.00 N | 48.49 3.23 0.00 N | 53.79 3.59 0.00 N | 67.19 4.49 0.00 N | 84.15 4.83 0.00 N | 99.76 4.80 0.00 N | 71.73 3.31 0.00 N | 75.11 3.76 0.00 N | 60.20 3.56 0.00 N | 64.57 4.47 0.00 N | 36.63 2.90 0.00 N | 42.83 3.46 0.00 N |

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|--------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| WADING RIVER_1-3_GRP5 24038 | 63.83 4.72 -3.09 N | 61.24 4.05 -10.84 N | 61.11 3.62 -15.03 N | 59.93 3.76 -9.60 N | 90.94 6.50 -0.01 N | 98.57 5.78 1.97 N | 117.37 0.82 7.95 N | 73.82 0.78 -1.48 N | 68.27 1.97 -4.70 N | 101.26 5.21 -32.90 N | 79.87 5.02 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.65 -32.04 N | 94.96 4.64 -45.07 N | 79.83 4.86 -24.76 N | 97.45 6.33 -28.41 N | 104.75 7.91 -17.52 N | 123.02 6.08 -21.98 N | 103.16 3.85 -30.90 N | 92.48 3.46 -17.67 N | 91.35 4.69 -30.02 N | 78.13 5.11 -12.91 N | 58.79 2.64 -22.42 N | 57.29 3.07 -14.84 N |
| WADING RIVER_IC_1 23522 | 63.83 4.72 -3.09 N | 61.24 4.05 -10.84 N | 61.11 3.62 -15.03 N | 59.93 3.76 -9.60 N | 90.94 6.50 -0.01 N | 98.57 5.78 1.97 N | 117.37 0.82 7.95 N | 73.82 0.78 -1.48 N | 68.27 1.97 -4.70 N | 101.26 5.21 -32.90 N | 79.87 5.02 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.65 -32.04 N | 94.96 4.64 -45.07 N | 79.83 4.86 -24.76 N | 97.45 6.33 -28.41 N | 104.75 7.91 -17.52 N | 123.02 6.08 -21.98 N | 103.16 3.85 -30.90 N | 92.48 3.46 -17.67 N | 91.35 4.69 -30.02 N | 78.13 5.11 -12.91 N | 58.79 2.64 -22.42 N | 57.29 3.07 -14.84 N |
| WADING RIVER_IC_2 23547 | 63.83 4.72 -3.09 N | 61.24 4.05 -10.84 N | 61.11 3.62 -15.03 N | 59.93 3.76 -9.60 N | 90.94 6.50 -0.01 N | 98.57 5.78 1.97 N | 117.37 0.82 7.95 N | 73.82 0.78 -1.48 N | 68.27 1.97 -4.70 N | 101.26 5.21 -32.90 N | 79.87 5.02 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.65 -32.04 N | 94.96 4.64 -45.07 N | 79.83 4.86 -24.76 N | 97.45 6.33 -28.41 N | 104.75 7.91 -17.52 N | 123.02 6.08 -21.98 N | 103.16 3.85 -30.90 N | 92.48 3.46 -17.67 N | 91.35 4.69 -30.02 N | 78.13 5.11 -12.91 N | 58.79 2.64 -22.42 N | 57.29 3.07 -14.84 N |
| WADING RIVER_IC_3 23601 | 63.83 4.72 -3.09 N | 61.24 4.05 -10.84 N | 61.11 3.62 -15.03 N | 59.93 3.76 -9.60 N | 90.94 6.50 -0.01 N | 98.85 6.05 1.97 N | 119.49 2.95 7.95 N | 75.02 1.98 -1.48 N | 69.30 3.00 -4.70 N | 101.62 5.57 -32.90 N | 79.87 5.02 -25.13 N | 81.06 4.70 -30.96 N | 84.28 4.64 -32.04 N | 94.96 4.63 -45.07 N | 79.82 4.86 -24.76 N | 97.45 6.33 -28.41 N | 105.19 8.35 -17.52 N | 124.72 7.79 -21.98 N | 104.34 5.03 -30.90 N | 93.70 4.69 -17.67 N | 91.62 4.95 -30.02 N | 78.13 5.12 -12.91 N | 58.79 2.64 -22.42 N | 57.29 3.07 -14.84 N |
| WALDEN___HYDRO 24148 | 58.24 2.21 0.00 N | 48.04 1.69 0.00 N | 43.91 1.44 0.00 N | 47.98 1.41 0.00 N | 87.06 2.64 0.00 N | 98.13 3.37 0.00 N | 129.41 4.90 0.00 N | 74.29 2.73 0.00 N | 64.43 2.83 0.00 N | 66.51 3.36 0.00 N | 52.51 2.78 0.00 N | 47.90 2.50 0.00 N | 49.84 2.25 0.00 N | 47.55 2.29 0.00 N | 52.57 2.36 0.00 N | 65.97 3.27 0.00 N | 84.36 5.03 0.00 N | 101.04 6.09 0.00 N | 72.51 4.09 0.00 N | 75.54 4.20 0.00 N | 59.72 3.08 0.00 N | 62.86 2.76 0.00 N | 34.96 1.23 0.00 N | 40.79 1.42 0.00 N |
| WARRENSBURG___ 23737 | 60.77 4.74 0.00 N | 50.16 3.81 0.00 N | 45.95 3.48 0.00 N | 50.87 4.30 0.00 N | 92.75 8.33 0.00 N | 103.22 8.46 0.00 N | 135.36 10.86 0.00 N | 77.89 6.33 0.00 N | 66.94 5.34 0.00 N | 69.08 5.93 0.00 N | 54.02 4.29 0.00 N | 48.77 3.37 0.00 N | 51.82 4.23 0.00 N | 49.24 3.98 0.00 N | 54.64 4.44 0.00 N | 68.33 5.62 0.00 N | 85.95 6.63 0.00 N | 102.29 7.33 0.00 N | 73.69 5.27 0.00 N | 77.12 5.77 0.00 N | 61.72 5.08 0.00 N | 65.98 5.88 0.00 N | 37.19 3.45 0.00 N | 43.28 3.91 0.00 N |
| WATERSIDE___6 8 9 23538 | 75.79 4.18 -15.58 N | 75.07 3.31 -25.40 N | 77.42 2.81 -32.15 N | 77.19 2.81 -27.81 N | 95.81 5.13 -6.26 N | 101.96 6.25 -0.95 N | 133.90 7.93 -1.47 N | 90.27 4.47 -14.23 N | 102.92 4.86 -36.46 N | 140.55 5.71 -71.70 N | 100.13 4.76 -45.64 N | 95.00 4.49 -45.12 N | 99.25 4.34 -47.32 N | 142.70 4.43 -93.01 N | 117.97 4.63 -63.13 N | 143.19 6.08 -74.40 N | 211.04 8.93 -122.79 N | 212.69 10.64 -107.09 N | 202.04 7.12 -126.50 N | 145.75 7.04 -67.36 N | 85.14 5.17 -23.33 N | 87.88 5.03 -22.75 N | 75.18 2.48 -38.96 N | 76.86 2.81 -34.68 N |
| WEST BABYLON___IC 23714 | 64.07 4.96 -3.09 N | 61.14 3.94 -10.84 N | 60.91 3.42 -15.03 N | 59.67 3.50 -9.60 N | 90.72 6.29 -0.01 N | 100.31 6.63 1.08 N | 126.62 6.48 4.36 N | 77.60 4.56 -1.48 N | 71.88 5.58 -4.70 N | 102.40 6.35 -32.90 N | 80.20 5.35 -25.13 N | 81.25 4.89 -30.96 N | 84.15 4.52 -32.04 N | 94.79 4.47 -45.07 N | 79.67 4.71 -24.76 N | 97.49 6.38 -28.41 N | 105.79 8.94 -17.52 N | 127.62 10.68 -21.98 N | 106.63 7.31 -30.90 N | 96.41 7.40 -17.67 N | 92.28 5.61 -30.02 N | 78.42 5.40 -12.91 N | 59.07 2.92 -22.42 N | 57.62 3.41 -14.84 N |
| WEST CANADA___HYD 24049 | 56.41 0.39 0.00 N | 46.67 0.31 0.00 N | 42.75 0.29 0.00 N | 46.88 0.31 0.00 N | 85.03 0.61 0.00 N | 95.41 0.65 0.00 N | 125.28 0.78 0.00 N | 71.95 0.39 0.00 N | 62.00 0.40 0.00 N | 63.63 0.49 0.00 N | 50.12 0.40 0.00 N | 45.75 0.35 0.00 N | 47.92 0.33 0.00 N | 45.60 0.34 0.00 N | 50.55 0.34 0.00 N | 63.20 0.49 0.00 N | 80.09 0.77 0.00 N | 95.80 0.84 0.00 N | 68.98 0.56 0.00 N | 71.94 0.60 0.00 N | 57.08 0.44 0.00 N | 60.52 0.42 0.00 N | 33.99 0.25 0.00 N | 39.67 0.30 0.00 N |
| WESTERN_NY_WIND 24143 | 53.56 -2.46 0.00 N | 44.38 -1.98 0.00 N | 40.70 -1.76 0.00 N | 44.54 -2.03 0.00 N | 80.31 -4.11 0.00 N | 90.57 -4.18 0.00 N | 120.98 -3.52 0.00 N | 70.18 -1.38 0.00 N | 60.19 -1.41 0.00 N | 61.53 -1.62 0.00 N | 48.80 -0.92 0.00 N | 44.59 -0.80 0.00 N | 46.54 -1.05 0.00 N | 44.03 -1.23 0.00 N | 48.97 -1.24 0.00 N | 61.16 -1.55 0.00 N | 77.74 -1.59 0.00 N | 93.52 -1.44 0.00 N | 67.83 -0.59 0.00 N | 70.37 -0.98 0.00 N | 55.55 -1.09 0.00 N | 58.37 -1.73 0.00 N | 32.55 -1.19 0.00 N | 38.06 -1.31 0.00 N |
| YORK___WARBASSE 23770 | 76.12 4.51 -15.58 N | 73.84 3.55 -23.93 N | 71.86 3.02 -26.38 N | 63.05 3.03 -13.45 N | 95.12 5.53 -5.17 N | 102.49 6.78 -0.95 N | 134.67 8.69 -1.47 N | 90.78 4.98 -14.23 N | 103.40 5.34 -36.46 N | 141.09 6.25 -71.70 N | 100.57 5.21 -45.64 N | 95.41 4.90 -45.12 N | 99.66 4.75 -47.32 N | 143.09 4.82 -93.01 N | 118.39 5.05 -63.13 N | 143.71 6.61 -74.40 N | 211.68 9.57 -122.79 N | 213.48 11.43 -107.09 N | 205.83 7.69 -129.72 N | 168.07 7.70 -89.03 N | 86.44 5.69 -24.11 N | 88.35 5.50 -22.75 N | 75.38 2.68 -38.96 N | 77.09 3.04 -34.68 N |