

WGAM Daytime 56 Degree Radial

| <u>Point #</u> | <u>Distance</u><br><u>(Miles)</u> | <u>1962</u><br><u>Proof ND</u><br><u>(mV/M)</u> | <u>1962</u><br><u>Proof DA</u><br><u>(mV/M)</u> | <u>Current</u><br><u>DA</u><br><u>(mV/M)</u> | <u>Ratio</u><br><u>DA/'62</u><br><u>DA</u> | <u>Log Ratio</u><br><u>DA/'62</u><br><u>DA</u> | <u>Point Description</u>           |
|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 7              | 2.1                               | 29.2  | 49.5  | 46   | 0.9293                                     | -0.0318  | 43-1-39.5, -71-28-12.97            |
| 8 - MP         | 2.55                              | 21.2  | 34  | 31   | 0.9118                                     | -0.0401  | 43-1-53, -71-27-46                 |
| 9              | 2.9                               | 11.4  | 18.5  | 18   | 0.9730                                     | -0.0119  | 43-2-2.92, -71-27-25.5             |
| 10             | 4.2                               | 6.8   | 10  | 8.75   | 0.8750                                     | -0.0580  | 43-2-40.48, -71-26-9.63            |
| 11             | 4.5                               | 5.7   | 8.4   | 8.9  | 1.0595                                     | 0.0251   | 43-2-49.4, -71-25-51.38            |
| 12             | 5.18                              | 4.65  | 6.8   | 7.1  | 1.0441                                     | 0.0187   | 43-3-8.91, -71-25-11.32            |
| 13             | 7.2                               | 1.92  | 2.8   | 2.7  | 0.9643                                     | -0.0158  | 43-4-7.85, -71-23-11.69            |
| 14             | 9.5                               | 1.32  | 2.03  | 2  | 0.9852                                     | -0.0065  | 43-5-14.41, -71-20-56.02           |
| 15             | 10.9                              | 0.86  | 1.31  | 1.25   | 0.9542                                     | -0.0204  | 43-5-55.18, -71-19-32.75           |
| 16             | 12.35                             | 0.74  | 1.2   | 1.25   | 1.0417                                     | 0.0177   | 43-6-37.14, -71-18-7.36            |
| 17             | 13.2                              | 0.58  | 0.83  | 0.75   | 0.9036                                     | -0.0440  | 43-7-1.79, -71-17-16.59            |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 294 mV/M                 |
|                |                                   |   |   | Average:                                     | 0.9674                                     |  | Standard Pattern limit: 537.9 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0152  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 284.42                                     | 283.91   |                                    |

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| <u>Point #</u> | <u>Distance</u><br><u>(Miles)</u> | <u>1962</u><br><u>Proof ND</u><br><u>(mV/M)</u> | <u>1962</u><br><u>Proof DA</u><br><u>(mV/M)</u> | <u>Current</u><br><u>DA</u><br><u>(mV/M)</u> | <u>Ratio</u><br><u>DA/'62</u><br><u>DA</u> | <u>Log Ratio</u><br><u>DA/'62</u><br><u>DA</u> | <u>Point Description</u>           |
|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 6              | 1.88                              | 31.2  | 54  | 48   | 0.8889                                     | -0.0512  | 43-00-38.5, -71-28-3.3             |
| 7 - MP         | 2.55                              | 19.8  | 32.5  | 31.5   | 0.9692                                     | -0.0136  | 43-00-38.3, -71-27-15.9            |
| 8              | 3.4                               | 10.6  | 17.6  | 16.5   | 0.9375                                     | -0.0280  | 43-00-38.3, -71-26-15.3            |
| 10             | 5.4                               | 4.05  | 6.4   | 6  | 0.9375                                     | -0.0280  | 43-00-38.2, -71-23-53.5            |
| 11             | 6.1                               | 3.48  | 5.4   | 5.7  | 1.0556                                     | 0.0235   | 43-00-38.4, -71-23-4.2             |
| 12             | 7.4                               | 1.35  | 2.3   | 2.1  | 0.9130                                     | -0.0395  | 43-00-37.8, -71-21-30.9            |
| 13             | 8.8                               | 1.3   | 2.2   | 2.4  | 1.0909                                     | 0.0378   | 43-00-37.7, -71-19-50.3            |
| 14             | 9.78                              | 0.9   | 1.43  | 1.3  | 0.9091                                     | -0.0414  | 43-00-38, -71-18-43.1              |
| 15             | 10.75                             | 0.73  | 1.07  | 0.85   | 0.7944                                     | -0.1000  | 43-00-37.5, -71-17-38.1            |
| 16             | 12.85                             | 0.42  | 0.75  | 0.9  | 1.2000                                     | 0.0792   | 43-00-37.2, -71-14-58.9            |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 312 mV/M                 |
|                |                                   |   |   | Average:                                     | 0.9696                                     |  | Standard Pattern Limit: 577.2 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0161  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 302.52                                     | 300.63   |                                    |

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|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 6              | 1.6                               | 39.5  | 13.6  | 12   | 0.8824                                     | -0.0544  | 42-59-22.6, -71-31-7.3             |
| 7 - MP         | 3.1                               | 11  | 3.4   | 3.25   | 0.9559                                     | -0.0196  | 42-58-14.2, -71-31-53              |
| 8              | 3.9                               | 6.6   | 1.7   | 1.75   | 1.0294                                     | 0.0126   | 42-57-36.1, -71-32-18.3            |
| 9              | 5.1                               | 3.48  | 1.22  | 1.2  | 0.9836                                     | -0.0072  | 42-56-41.5, -71-32-54.7            |
| 10             | 6.25                              | 2   | 0.57  | 0.5  | 0.8772                                     | -0.0569  | 42-55-46.2, -71-33-31.3            |
| 11             | 7.25                              | 1.42  | 0.5   | 0.59   | 1.1800                                     | 0.0719   | 42-54-57.2, -71-34-4               |
| 12             | 8.52                              | 1.25  | 0.4   | 0.35   | 0.8750                                     | -0.0580  | 42-53-59, -71-34-43.9              |
| 13             | 9.75                              | 0.75  | 0.28  | 0.25   | 0.8929                                     | -0.0492  | 42-53-1, -71-35-21.6               |
| 14             | 11.2                              | 0.7   | 0.21  | 0.2  | 0.9524                                     | -0.0212  | 42-51-52.7, -71-36-6.6             |
| 15             | 12.45                             | 0.46  | 0.14  | 0.15   | 1.0714                                     | 0.0300   | 42-50-52.7, -71-36-46.4            |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 59 mV/M                  |
|                |                                   |   |   | Average:                                     | 0.9700                                     |  | Standard Pattern Limit: 129.4 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0152  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 57.23                                      | 56.97  |                                    |

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|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 5              | 1.7                               | 42  | 27.5  | 26   | 0.9455                                     | -0.0244  | 42-59-36.3, -71-31-44.7            |
| 6              | 2.27                              | 24  | 15.3  | 12.8   | 0.8366                                     | -0.0775  | 42-59-16.4, -71-32-13.1            |
| 7 - MP         | 3.35                              | 8.1   | 5.6   | 5.1  | 0.9107                                     | -0.0406  | 42-58-36, -71-33-10                |
| 8              | 4.83                              | 2.6   | 1.6   | 1.8  | 1.1250                                     | 0.0512   | 42-57-42.3, -71-34-26.1            |
| 9              | 5.93                              | 2.73  | 1.8   | 1.65   | 0.9167                                     | -0.0378  | 42-57-4.6, -71-35-19.1             |
| 10             | 7.23                              | 2   | 1.2   | 1.1  | 0.9167                                     | -0.0378  | 42-56-15.4, -71-36-28.6            |
| 11             | 7.53                              | 1.6   | 1.05  | 1  | 0.9524                                     | -0.0212  | 42-56-8.6, -71-36-38.1             |
| 12             | 9.2                               | 1   | 0.55  | 0.5  | 0.9091                                     | -0.0414  | 42-55-5.4, -71-38-7.3              |
| 13             | 10.9                              | 0.51  | 0.305   | 0.31   | 1.0164                                     | 0.0071   | 42-54-3.9, -71-39-33.9             |
| 14             | 11.7                              | 0.6   | 0.35  | 0.4  | 1.1429                                     | 0.0580   | 42-53-34.3, -71-40-15.4            |
| 15             | 13.05                             | 0.43  | 0.26  | 0.25   | 0.9615                                     | -0.0170  | 42-52-48.6, -71-41-19.8            |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 117 mV/M                 |
|                |                                   |   |   | Average:                                     | 0.9667                                     |  | Standard Pattern Limit: 188.2 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0165  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 113.10                                     | 112.64   |                                    |

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|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 6              | 1.7                               | 30  | 62.5  | 59   | 0.9440                                     | -0.0250  | 43-00-32.1, -71-32-17.2            |
| 7              | 1.97                              | 28  | 60  | 55   | 0.9167                                     | -0.0378  | 43-00-36.8, -71-32-35.9            |
| 8 - MP         | 3.3                               | 10  | 21  | 18.2   | 0.8667                                     | -0.0621  | 43-00-26.4, -71-34-11.3            |
| 9              | 3.9                               | 7.2   | 14.5  | 14.9   | 1.0276                                     | 0.0118   | 43-00-24.3, -71-34-51.1            |
| 10             | 4.85                              | 3.9   | 8.8   | 8.5  | 0.9659                                     | -0.0151  | 43-00-20.7, -71-36-1.1             |
| 11             | 5.6                               | 3.32  | 7   | 6.3  | 0.9000                                     | -0.0458  | 43-00-17.8, -71-36-55.2            |
| 13             | 8.45                              | 0.9   | 1.8   | 1.85   | 1.0278                                     | 0.0119   | 43-00-6.4, -71-40-29.6             |
| 14             | 9.3                               | 1.13  | 2.38  | 2.3  | 0.9664                                     | -0.0148  | 43-00-4.2, -71-41-14.2             |
| 15             | 10.2                              | 0.98  | 2.05  | 2  | 0.9756                                     | -0.0107  | 43-00-00, -71-42-19.5              |
| 16             | 11.6                              | 0.82  | 1.65  | 1.68   | 1.0182                                     | 0.0078   | 42-59-55.6, -71-43-57.8            |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 395 mV/M                 |
|                |                                   |   |   | Average:                                     | 0.9609                                     |  | Standard Pattern Limit: 724.4 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0180  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 379.55                                     | 378.98   |                                    |

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|----------------|-----------------------------------|---|---|--|--|--|------------------------------------|
| 5 - MP         | 1.4                               | 50  | 24.5  | 20   | 0.8163                                     | -0.0881  | 43-01-32.4, -71-31-28.3            |
| 6              | 1.88                              | 24.8  | 10.8  | 9.5  | 0.8796                                     | -0.0557  | 43-01-48.9, -71-31-49.2            |
| 7              | 4.07                              | 6.9   | 3.3   | 3.1  | 0.9394                                     | -0.0272  | 43-03-12.1, -71-33-40              |
| 8              | 4.6                               | 4.5   | 1.9   | 2  | 1.0526                                     | 0.0223   | 43-03-32.4, -71-34-7               |
| 9              | 5.1                               | 3.9   | 1.9   | 1.75   | 0.9211                                     | -0.0357  | 43-03-48, -71-34-27.5              |
| 11             | 8.1                               | 1.7   | 0.82  | 0.8  | 0.9756                                     | -0.0107  | 43-05-40.9, -71-36-57.2            |
| 12             | 9.64                              | 1.02  | 0.49  | 0.5  | 1.0204                                     | 0.0088   | 43-06-37.7, -71-38-12.5            |
| 13             | 10.85                             | 0.8   | 0.35  | 0.3  | 0.8571                                     | -0.0669  | 43-07-23.1, -71-39-12.7            |
| 14             | 12.47                             | 0.53  | 0.245   | 0.25   | 1.0204                                     | 0.0088   | 43-08-23.8, -71-40-33.5            |
| 15             | 14.1                              | 0.5   | 0.24  | 0.25   | 1.0417                                     | 0.0177   | 43-09-25.3, -71-41-55.4            |
| 16             | 15.2                              | 0.35  | 0.179   | 0.16   | 0.8939                                     | -0.0487  | 43-10-10, -71-42-54.8              |
|                |                                   |   |   |  |  |  |                                    |
|                |                                   |   |   |  |  |  | ND IDF = 190 mV/M                  |
|                |                                   |   |   |  |  |  | DAY IDF = 89 mV/M                  |
|                |                                   |   |   | Average:                                     | 0.9471                                     |  | Standard Pattern Limit: 164.5 mV/M |
|                |                                   |   |   | Log Average:                                 |  | -0.0251  |                                    |
|                |                                   |   |   | IDF (mV/M):                                  | 84.29                                      | 84.01  |                                    |