**NDB LIST CLE No. 225 190 - 239,9 kHz / 190,5 - 999,5 kHz 24.11.2017 - 27.11.2017**

**COMBINED RESULTS**
**RWW**

For overall statistics, please see the covering email.

## Reporters:

| | | |
|---|---|---|
| **AUS, SA** | rw | Bob Warren, Blakeview |
| **AUS, TA** | et | Edgar Twining, Moonah |
| **CAN, BC** | bt | Brian Butler, Hazelton |
| **CAN, BC** | co | Dan Collier, Vancouver - while at Univ. ARC |
| **CAN, BC** | sm | Steve McDonald, Mayne Island |
| **CAN, NS** | vm | Vernon Matheson, Truro |
| **CAN, QC** | ky | Richard Katezansky, Main, Montreal |
| **HWA** | mx | Mike Tuggle, Kaneohe, Hawaii |
| **USA, AZ** | sr | Steve Ratzlaff, Near Sahuarita, SE Arizona |
| **USA, CA** | pa | Phil Atchley, Merced, Central California |
| **USA, CO** | ac | Anthony Casorso, Westminster |
| **USA, FL** | cg | Craig Cook, Oviedo |
| **USA, IL** | dt | Dave Tomasko, Galena |
| **USA, MI** | ct | Carl Schmidt, Rochester |
| **USA, MI** | jb | Joe Miller, Troy |
| **USA, MO** | dp | Dick Palmer, Wentzville |
| **USA, NC** | ws | Bill Stewart, Smithfield, 30 miles SE of Raleigh |
| **USA, NH** | jc | John Collins, Charlestown |
| **USA, NJ** | ge | George Muha, Cream Ridge |
| **USA, TX** | ch | Chuck Dobbins, Alpine |
| **USA, TX** | du | Douglas Springfield, New Chapel Hill, NE Texas |
| **USA, WA** | so | Steven O'Kelley, The Dungeon, Nr Seattle |
| **USA, WA** | rt | Tom Rothlisberger, Brier |

For full details, please see the individual reporters' logs,
as previously posted by them to the List.
If you spot an omission or problem in your own details below
please let me know
( ndbcle'at'gmail.com - replace the 'at' by an @ symbol )

## Beacons Heard

**Beacons are shown in kHz order within each country**
The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.
(e.g. 01 indicates logged between 01:00-01:59 UTC).

| Cou, S/P | QRG | ID | Name | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ALS, AK** | 209.0 | CYT | Yakataga | | | | | 06 | | | | | | | | | | | | | | | | | 07 | 08 |
| **ALS, AK** | 212.0 | CGL | Coghlan Island | | | | | 10 | | | | | | | | | | | | | | | | | | 08 |
| **ALS, AK** | 223.0 | AFE | Kake | | | | | 13 | | | | | | | | | | | | | | | | | | 11 |
| **ALS, AK** | 229.0 | AKW | Klawock | | | 07 | | 07 | | | | | | | | | | | | | | | | | | 11 |
| **ALS, AK** | 233.0 | ALJ | Johnstone Point Island | | | 03 | | 06 | | | 16 | 08 | | | | | | | | | | | | | 07 | 11 |
| **AUS, NN** | 233.0 | AYE | Ayers Rock | 15 | | | | | | | | | | | | | | | | | | | | | | |
| **AUS, NW** | 209.0 | SCO | Scone | | 09 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, NW** | 221.0 | WG | Wagga Wagga | | 10 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, NW** | 224.0 | WMD | West Maitland | | 09 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, NW** | 239.0 | WOL | Wollongong | | 10 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, QD** | 218.0 | CMU | Cunnamulla | 15 | 09 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, SA** | 227.0 | OOM | Moomba | 16 | 10 | | | | | | | | | | | | | | | | | | | | | |
| **AUS, VI** | 203.0 | HML | Hamilton | 15 | 10 | | | | | | | | | | | | | | | | | | | | | |
| **CAN, AB** | 207.0 | PY | Fort Chipewyan | | | 06 | | 10 | | | | | | | | | | | | | | | 09 | | 06 | 09 |
| **CAN, AB** | 215.0 | ZAB | Leduc' Edmonton (Intl Apt) | | | | 09 | 09 | | | | 06 | | | | | | | | | | | | | 06 | 09 |
| **CAN, AB** | 221.0 | QU | Grande Prairie | | | 03 | 08 | 08 | | | | | 03 | 09 | | 12 | | | 07 | | | | | 10 | 00 | 18 |
| **CAN, AB** | 225.0 | X5 | Vegreville | | | | | 14 | | | | | | | | 11 | | | | | | | 09 | | | 09 |
| **CAN, AB** | 227.0 | 9X | Brooks | | | | | 05 | | | | 05 | | | | 11 | | | | | | | | | | |
| **CAN, AB** | 230.0 | VG | Vermilion | | | | 09 | 09 | | | | 05 | | 02 | | 16 | | | 12 | | | | 02 | 09 | | 10 |
| **CAN, AB** | 239.0 | OJ | High Level | | | 03 | 09 | 11 | | | | 06 | | 06 | | 16 | | | 07 | | | | 03 | 10 | 06 | 18 |
| **CAN, BC** | 200.0 | UAB | Anahim Lake | | | 03 | 09 | 10 | | | 07 | 01 | 02 | 04 | | 16 | | | 03 | | | | 03 | 02 | 20 | 11 |
| **CAN, BC** | 200.0 | YJ | Victoria | | | | 08 | 05 | | | | | | | | | | | | | | | | | 20 | 21 |
| **CAN, BC** | 203.0 | YBL | Campbell River | | | 06 | 08 | 07 | | | | 05 | 06 | | | | | | | | | | | | 20 | 18 |
| **CAN, BC** | 203.0 | ZKI | Kitimat | | | 03 | 08 | 07 | | | | 07 | | | | 11 | | | | | | | | | 20 | 09 |
| **CAN, BC** | 206.0 | EF | Champion' Castlegar | | | 06 | 08 | 05 | | | | 07 | 05 | | | | | | | | | | | | 00 | 18 |
| **CAN, BC** | 214.0 | LU | Cultus' Abbotsford | | | 03 | 08 | 05 | | | 12 | 05 | 03 | 07 | | 11 | | | | | | | 09 | 01 | 20 | 18 |
| **CAN, BC** | 218.0 | PR | Prince Rupert | | | 03 | 08 | 05 | | | 07 | 06 | 03 | | | | | | | | | | | | 20 | 10 |
| **CAN, BC** | 223.0 | YKA | Kamloops | | | 03 | 09 | 05 | | | 07 | 06 | 03 | | | | | | | | | | 09 | | 20 | 18 |
| **CAN, BC** | 227.0 | CG | Castlegar | | | 03 | 09 | 05 | | | | 03 | 05 | 03 | | 02 | | | 07 | | | | 03 | 09 | 00 | 18 |
| **CAN, BC** | 230.0 | YD | Smithers | | | 03 | 09 | 06 | | | | | | | | 12 | | | | | | | 09 | | 20 | 18 |
| **CAN, BC** | 236.0 | YZA | Ashcroft | | | 03 | 09 | 11 | | | 08 | 03 | 04 | 03 | | | | | | | | | 03 | 09 | 20 | 18 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CAN, MB** | 201.0 ZWN | Downs' Winnipeg (Snowhill) | | | | | 07 | | | | 06 | | 10 | | 19 | | | 03 | | | | 03 | 05 | | |
| **CAN, MB** | 207.0 YNE | Norway House | | | | | 10 | | | | 05 | | 02 | | 18 | | | 03 | | | | 03 | 02 | | |
| **CAN, MB** | 212.0 YGX | Gillam | | | | | 10 | | | | 05 | | 02 | | 18 | 05 | 12 | 03 | | | | 02 | 09 | | |
| **CAN, MB** | 215.0 ZWW | Boine' Muddywater (Winnipeg) | | | | | | | | | | | 10 | | 16 | | | 12 | | | | 04 | 09 | | |
| **CAN, MB** | 224.0 DN | Dauphin | | | | | 05 | | | | 05 | 05 | 02 | | 00 | | | 04 | | | | 03 | 03 | 07 | 05 |
| **CAN, MB** | 233.0 BR | Brandon | | | | | | | | | | | | | | | | | | | | 09 | | | |
| **CAN, MB** | 236.0 ZHT | Forks' Winnipeg | | | | | | | | | 03 | | 06 | | 02 | | | 12 | | | | 03 | 10 | | |
| **CAN, NB** | 207.0 CL | Charlo | | | | | | 16 | | | 04 | | | | 00 | | | 01 | | 17 | | | | | |
| **CAN, NB** | 212.0 SJ | Saint John | | | | | | 16 | 05 | | 03 | | | | 02 | | 03 | | | 17 | 02 | | | | |
| **CAN, NB** | 224.0 QM | Moncton | | | | | | 16 | | | | | | | 02 | | | | | 17 | | | 03 | | |
| **CAN, NL** | 233.0 UM | Churchill Falls | | | | | | 19 | 06 | | | | | | | | | | | 21 | | | | | |
| **CAN, NL** | 234.0 7H | Marystown | | | | | | 19 | | | | | | | | | | | | | | | | | |
| **CAN, NL** | 237.0 7C | Fogo | | | | | | 19 | | | | | | | | | | | | | | | | | |
| **CAN, NS** | 195.0 5C | South Venture Platform | | | | | | 16 | | | | | | | | | | | | | | | | | |
| **CAN, NS** | 206.0 QI | Yarmouth | | | | | | 16 | 00 | | 05 | | 02 | | 18 | 10 | 06 | 00 | 10 | 17 | 02 | | 00 | | |
| **CAN, NS** | 229.0 PD | Port Hawkesbury | | | | | | 16 | | | | | | | | | | | | 21 | | | | | |
| **CAN, NS** | 230.0 AC | Pleasant Lake (Yarmouth) | | | | | | 16 | | | | | | | 02 | | | | | 17 | | | | | |
| **CAN, NT** | 222.0 WY | Wrigley | | | 03 | 09 | 08 | | | | 06 | | | | 12 | | | | | | | | 02 | 07 | 11 |
| **CAN, NU** | 204.0 YFY | Forbay - Iqaluit | | | | | 10 | 09 | | | | | | | 11 | | | | | | | | 08 | | |
| **CAN, NU** | 208.0 YSK | Sanikiluaq | | | | | 09 | 08 | | | 05 | | 04 | | 18 | 05 | | 00 | | 10 | | 03 | 07 | | |
| **CAN, NU** | 214.0 YIO | Pond Inlet | | | | | | | | | | | | | 11 | | | 06 | | | | 03 | | | |
| **CAN, NU** | 224.0 BK | Baker Lake | | | | | 11 | | | | | | 10 | | | | | | | | | | 08 | | |
| **CAN, ON** | 201.0 YKX | Kirkland Lake | | | | | 09 | 23 | | | 06 | | | | 18 | | 11 | 00 | 10 | 02 | | | 05 | | |
| **CAN, ON** | 201.0 YVZ | Deer Lake | | | | | | | | | | | 09 | | 16 | | | 11 | | | | | 06 | | |
| **CAN, ON** | 201.0 ZXU | Thames' London | | | | | | | | | | | | | 18 | 18 | 22 | 00 | | | | | | | |
| **CAN, ON** | 206.0 XBE | Bearskin Lake | | | | | | | | | | | 02 | | 18 | | | 06 | | | | 03 | 07 | | |
| **CAN, ON** | 207.0 FD | Brantford | | | | | | 08 | | | | | | | 18 | 18 | 22 | 07 | | 10 | | 02 | 02 | | |
| **CAN, ON** | 209.0 IB | Atikokan | | | | | 08 | | | | 07 | 04 | 02 | | 18 | | 06 | 00 | | | | 02 | 09 | | |
| **CAN, ON** | 215.0 YTR | Trenton | | | | | | | | | | | | | 16 | | | | | 21 | | | 03 | | |
| **CAN, ON** | 216.0 YFA | Fort Albany | | | | | | | 04 | | | | 03 | | 18 | 05 | 06 | 04 | | 17 | | 02 | 03 | | |
| **CAN, ON** | 218.0 RL | Red Lake | | | | | 06 | | 03 | | 01 | 05 | 02 | | 18 | 03 | 03 | 18 | | | | 03 | 02 | | 10 |
| **CAN, ON** | 219.0 YMG | Manitouwadge | | | | | | | | | | | | | 18 | | | 12 | | | | | | | |
| **CAN, ON** | 221.0 HM | Hamilton (Carluke) | | | | | | 08 | | | | | | | 18 | 18 | 22 | 04 | | 09 | | 10 | 02 | | |
| **CAN, ON** | 223.0 YYW | Armstrong | | | | | 10 | 08 | 02 | | 03 | | 02 | | 19 | 03 | 22 | 19 | 11 | 17 | 02 | 02 | 03 | | |
| **CAN, ON** | 224.0 MO | Moosonee | | | | | | | | | 01 | | 02 | | 19 | 03 | 06 | 04 | | 22 | 07 | 03 | 03 | | |
| **CAN, ON** | 227.0 YAC | Cat Lake | | | | | 07 | | | | 05 | | 02 | | 19 | 05 | | 07 | | | | 03 | 02 | | |
| **CAN, ON** | 230.0 ZUC | Ignace | | | | | | | | | 02 | | 03 | | 18 | | | 04 | | | | 02 | 05 | | |
| **CAN, ON** | 233.0 QN | Nakina | | | | | 07 | | 03 | | 01 | | 02 | | 19 | 10 | 23 | 01 | 11 | 03 | | 02 | 05 | | |
| **CAN, ON** | 235.0 CN | Cochrane | | | | | | 17 | | | 05 | | 04 | | 19 | 05 | 11 | 04 | | 21 | 07 | 03 | 02 | | |
| **CAN, ON** | 236.0 OW | Ramsayville (Ottawa) | | | | | | 16 | 03 | | 05 | | | | 19 | | 06 | 01 | | 17 | 02 | | 02 | | |
| **CAN, ON** | 236.0 ZRJ | Round Lake | | | | | | | | | 01 | | 02 | | 19 | 05 | | 01 | | | | 04 | 02 | | |
| **CAN, QC** | 201.0 GL | La Grande Riviere | | | | | | 08 | | | | | 03 | | 18 | | | 05 | | 21 | | 03 | | | |
| **CAN, QC** | 201.0 RI | Riviere Du Loup | | | | | | 19 | | | | | | | 23 | | | | | 21 | | | | | |
| **CAN, QC** | 201.0 YIF | St. Augustin | | | | | | 17 | | | | | | | | | | | | | | | | | |
| **CAN, QC** | 205.0 YRQ | Trois Rivieres | | | | | | 16 | 03 | | | | | | 02 | | | 09 | | 17 | | | | | |
| **CAN, QC** | 209.0 MT | Chiboo' Chibougamau (Chapais) | | | | | | 16 | | | 05 | | | | 18 | 05 | 00 | 11 | | 17 | | | 01 | | |
| **CAN, QC** | 211.0 K7 | Ste Anne des Monts | | | | | | 20 | | | | | | | 00 | | | | | 03 | | | | | |
| **CAN, QC** | 213.0 YRC | St. Honore' Chicoutimi | | | | | | 03 | | | | | | | 18 | | | 10 | | 21 | | | | | |
| **CAN, QC** | 214.0 K8 | Nemiscau | | | | | | 23 | | | | | | | 02 | | | 01 | | 03 | | | | | |
| **CAN, QC** | 216.0 ME | Matane | | | | | | 16 | | | | | | | 00 | | | | | 17 | | | | | |
| **CAN, QC** | 218.0 YUY | Rouyn | | | | | | 16 | 06 | | 05 | | | | 18 | | 03 | 12 | 11 | 17 | | | | | |
| **CAN, QC** | 219.0 W7 | Pabok' Du Rocher-Pierce) | | | | | | 16 | | | | | | | | | | | | 21 | | | | | |
| **CAN, QC** | 220.0 BX | Blanc Sablon / Lourdes de Blanc Sablon | | | | | | 16 | 02 | | 05 | | | | 02 | | | 01 | | 17 | 07 | | 03 | | |
| **CAN, QC** | 221.0 YAS | Kangirsuk | | | | | | 08 | | | | | | | 01 | | | | | 09 | | | | | |
| **CAN, QC** | 230.0 QB | Quebec | | | | | | 19 | 03 | | | | | | 16 | | | 04 | | 17 | 02 | | 02 | | |
| **CAN, QC** | 230.0 YBM | St Bruno de Guigues | | | | | | 07 | 03 | | | | | | 19 | | | 04 | | 23 | | | 02 | | |
| **CAN, QC** | 232.0 GP | Gaspe | | | | | | 16 | 04 | | 05 | | | | 02 | | | | | 17 | | | 02 | | |
| **CAN, QC** | 235.0 9H | La Grande 3 | | | | | | 08 | | | 04 | | | | 19 | | | 01 | | 17 | | | 03 | | |
| **CAN, QC** | 239.0 5Q | Fontanges | | | | | | 08 | | | | | | | 11 | | | | | 03 | | | | | |
| **CAN, SK** | 204.0 ZQR | Findlay' Regina | | | | | 06 | | | | 05 | | 06 | | 16 | | | | | | | | 02 | | 09 |
| **CAN, SK** | 219.0 ZRS | Ajax' Regina | | | | | 06 | | | | 05 | | 03 | | 11 | | | 06 | | | | 02 | 03 | | 10 |
| **CAN, SK** | 238.0 K5 | Maple Creek | | | | | 11 | | | | | | | | 12 | | | | | | | 10 | | | |
| **CAN, YT** | 214.0 DA | Dawson | | | | | | | | 16 | | | | | | | | | | | | | | | |
| **CAN, YT** | 239.0 YXQ | Beaver Creek | | | | | | | | | | | | | | | | | | | | 10 | | | |
| **MEX** | 214.0 CHX | Choix (Sinaloa) | | | | | 06 | | | | 01 | 04 | 02 | | 12 | | | 06 | | | | 11 | 10 | | |
| **NCL** | 325.5 NW | La Tontouta | | 11 | | | | | | | | | | | | | | | | | | | | | |
| **NZL** | 226.0 KK | Kerikeri | | 11 | | | | | | | | | | | | | | | | | | | | | |
| **NZL** | 230.0 AP | Taupo | | 11 | | | | | | | | | | | | | | | | | | | | | |
| **NZL** | 238.0 KT | Kaitaia | | 10 | | | | | | 16 | | | | | | | | | | | | | | | |
| **USA, AL** | 211.0 AN | Bogga' Anniston | | | | | | | | | | | | | 01 | | | 04 | | | | | 01 | | |
| **USA, AL** | 212.0 OZ | Ruckr' Fort Rucker (Ozark) | | | | | | | | | 06 | | | | 02 | | | 06 | | | | | 01 | | |
| **USA, AL** | 224.0 BH | Mc Den' Birmingham | | | | | | | | | 03 | | 03 | | 02 | | | 04 | | 02 | | 02 | 03 | | |
| **USA, AR** | 223.0 FS | Wizer' Fort Smith | | | | | | | | | 06 | | | | 03 | | | 10 | | | | 02 | 03 | | |
| **USA, AR** | 227.0 TNZ | Lawrence Co.' Walnut Ridge | | | | | | | | | 07 | | 06 | | 02 | | | 19 | | 04 | | 02 | 05 | | |
| **USA, AR** | 234.0 TX | Tecco' Texarkana | | | | | | | | | 02 | | 05 | | 02 | | | 01 | | | | | 05 | | |
| **USA, AZ** | 201.0 IP | Mobile | | | | | 18 | | | | 00 | 03 | 04 | | 11 | | | 07 | | | | 02 | 02 | 07 | 05 |
| **USA, AZ** | 206.0 SOW | Show Low | | | | | 11 | | | | 00 | 03 | 02 | | 11 | | | 11 | | | | 02 | 00 | | 05 |
| **USA, AZ** | 220.0 RBJ | Robles' Tucson | | | | | 08 | | | | 01 | | 06 | | | | | | | | | 10 | 03 | | |
| **USA, CA** | 203.0 TCY | Tracy | | | | | 07 | | | | 07 | 02 | | | | | | | | | | | | | |
| **USA, CA** | 209.0 HGT | (Fort) Hunter Liggett' Jolon | | | | | 09 | | | | 06 | 02 | | | | | | | | | | | 08 | | |

| Cou, S/P | QRG | ID | Name | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| USA, CO | 209.0 | ITR | Kit Carson' Burlington | | | | | 09 | | | | 01 | | 02 | | 18 | | | 06 | | | | 02 | 05 | | |
| USA, FL | 201.0 | CE | Kobra' Crestview | | | | | | | | | | | | | | | | | | | | 02 | 00 | | |
| USA, FL | 221.0 | OR | Henry' Orlando | | | | | | | | | | | | 10 | | | | | | | | | | | |
| USA, GA | 205.0 | LNH | Millen | | | | | | | | | 04 | | | | 11 | | | 05 | | 09 | | | 00 | | |
| USA, GA | 209.0 | HOE | Homerville | | | | | | | | | 05 | | | | 11 | | | 07 | | | | | 02 | | |
| USA, GA | 219.0 | AY | Wiket' Waycross | | | | | | | | | | | | 10 | 01 | | | 06 | | | | | 02 | | |
| USA, GA | 221.0 | BJT | Bulldog' Athens | | | | | | | | | | | | | 01 | | | 01 | | 04 | | | 03 | | |
| USA, GA | 227.0 | AB | Putny' Albany | | | | | | | | | | | | | 02 | | | | | | | | | | |
| USA, GA | 233.0 | AG | Bushe' Augusta | | | | | | | | | | | | | 02 | | | | | | | | | | |
| USA, GA | 234.0 | EQQ | Newnan | | | | | | | | | | | | | | | | | | | | | 10 | | |
| USA, IA | 206.0 | IIB | Wapsie' Independence | | | | | 06 | | | | | | | | 18 | | | 18 | | | | 02 | 02 | | |
| USA, ID | 211.0 | HDG | Steelhead' Gooding | | | | | 09 | | | | 06 | 03 | 03 | | 11 | | | 12 | | | | 03 | 07 | 04 | 05 |
| USA, ID | 220.0 | HLE | Hailey | | | | | 07 | | | | 06 | 03 | 03 | | 11 | | | | | | | 03 | | 07 | 05 |
| USA, IL | 218.0 | AL | Alpos' Alton (St Louis MO) | | | | | 08 | | | | 05 | | 04 | | 18 | | | 18 | | | | | 02 | | |
| USA, IN | 212.0 | VP | Sedly' Valparaiso | | | | | | | | | | | | | 18 | | | 18 | | 09 | | | 07 | | |
| USA, IN | 227.0 | GW | Aubon' De Kalb County, Auburn | | | | | | 03 | | | | | | | | | | | | | | | | | |
| USA, IN | 227.0 | SQ | Pnthr' Connersville | | | | | | | | | | | | | 19 | | | 19 | | 02 | | | 09 | | |
| USA, KS | 212.0 | CFV | Coffeyville | | | | | 13 | | | | 06 | | 02 | | 18 | | | 18 | | 09 | | 03 | 19 | | |
| USA, KS | 230.0 | NRN | Norton | | | | | | | | | 03 | | 02 | | 19 | | | 01 | | | | 02 | 05 | | |
| USA, KY | 210.0 | IOB | Mount Sterling | | | | | | | | | 05 | | | | 18 | | | 18 | | 09 | | | 01 | | |
| USA, KY | 236.0 | BW | Noora' Bowling Green | | | | | | | | | | | | | 19 | | | 19 | | | | | 10 | | |
| USA, LA | 212.0 | HP | Anger' Hammond | | | | | | | | | | | | | | | | | | | | 02 | 02 | | |
| USA, LA | 230.0 | BNZ | Abbeville | | | | | | | | | 01 | | 04 | | 02 | | | 01 | | | | 02 | 05 | | |
| USA, MA | 227.0 | TAN | Taunton | | | | | | 07 | | | | | | | | | | | | 17 | | | | | |
| USA, MD | 223.0 | DAA | Davee' Fort Belvoir | | | | | | | | | | | | | 02 | | | | | 02 | | | | | |
| USA, ME | 221.0 | RQM | Rangeley | | | | | | 20 | | | | | | | | | | | | 17 | | | | | |
| USA, MI | 206.0 | AP | Felps' Alpena | | | | | | | | | | | | | 02 | | | | | | | | | | |
| USA, MI | 381.5 | SJX | St James' Beaver Island | | | | | | | | | 07 | | 06 | | 11 | 05 | 00 | 03 | | 03 | | 02 | 02 | | |
| USA, MN | 224.0 | FSE | Fosston | | | | | | | | | | | 08 | | | | | | | | | | | | |
| USA, MN | 239.0 | BBB | Benson | | | | | 12 | | | | 06 | | 04 | | 19 | | | 12 | | | | 03 | 05 | | |
| USA, MO | 227.0 | FZ | Eaves' St. Louis | | | | | 09 | | | | 02 | | 06 | | 19 | | | 19 | | 09 | | 02 | 05 | | |
| USA, MO | 233.0 | AZN | Amazon' St. Joseph | | | | | | | | | 05 | | 03 | | 19 | | | 19 | | | | 03 | 05 | | |
| USA, MS | 221.0 | HS | Hanco' Bay Saint Louis | | | | | | | | | | | | | | | | | | | | 02 | 09 | | |
| USA, MT | 236.0 | FOR | Forsyth | | | | | 11 | | | | 03 | | 02 | | 19 | | | 12 | | | | 03 | 05 | 08 | 11 |
| USA, NC | 198.0 | DIW | Dixon | | | | | 05 | 16 | 06 | | 00 | | 02 | 10 | 18 | | 05 | 18 | 00 | 17 | 01 | 02 | 05 | | |
| USA, NC | 205.0 | GM | WILZE' Wilmington | | | | | | | | | | | | | 11 | | | 06 | 00 | 02 | | 03 | | | |
| USA, NC | 216.0 | CLB | Wilmington / Carolina Beach | | | | | 08 | 16 | 03 | 07 | 01 | 04 | 02 | 10 | 18 | 03 | 03 | 19 | 00 | 17 | 19 | 02 | 02 | | 05 |
| USA, NC | 220.0 | HUR | Person | | | | | | | | | | | | | 02 | | | 06 | 10 | 03 | | | 03 | | |
| USA, NC | 230.0 | AQE | Alwood' Greenville | | | | | | | | | | | | | 02 | | | 01 | 00 | 03 | | | 03 | | |
| USA, ND | 230.0 | BI | Jadan' Bismarck | | | | | 13 | | | | 03 | | 02 | | 19 | | | 12 | | | | 03 | 09 | | |
| USA, NE | 233.0 | OKS | Oshkosh | | | | | 07 | | | | 03 | | 02 | | 19 | | | 07 | | | | 03 | 09 | | |
| USA, NH | 209.0 | MJ | Lawrence Corner | | | | | | | | | | | | | | | | | | 17 | | | | | |
| USA, NH | 216.0 | CO | Epsom' Concord | | | | | | | | | | | | | | | | | | 17 | | | | | |
| USA, NJ | 214.0 | TE | Torby | | | | | | | | | | | | | | | | | | 21 | | | | | |
| USA, NY | 204.0 | GB | Plazz' Buffalo | | | | | | | | | | | | | 11 | | | 05 | | 23 | | | | | |
| USA, NY | 209.0 | GF | Ganse' Glens Falls | | | | | | | | | | | | | | | | | | 17 | | | | | |
| USA, NY | 231.0 | BU | Klump' Buffalo | | | | | | | | | | | | | 11 | 05 | | | | 18 | | | | | |
| USA, OH | 219.0 | TO | Tophr' Toledo | | | | | | | | | | | | | 18 | | 12 | 12 | | | | | | | |
| USA, OH | 223.0 | MW | Onida' Franklin | | | | | | | | | | | | | 18 | | | 01 | | | | | 03 | | |
| USA, OH | 230.0 | BU | Boutn' Columbus | | | | | | | | | | | | | 19 | | | 22 | | 02 | | | 03 | | |
| USA, OH | 239.0 | HKF | Hook Field' Middletown | | | | | | 08 | | | | | 03 | | 19 | 18 | 23 | 19 | | 02 | 02 | | 10 | | |
| USA, OK | 201.0 | BV | Dewie' Bartlesville | | | | | 21 | | | | 07 | | 22 | | 18 | | | 18 | | | | 02 | 01 | | |
| USA, OR | 225.0 | LWG | Lewisburg (Corvalllis) | | | | | 14 | | | | 07 | 05 | | | | | | | | | | | | 07 | 05 |
| USA, PA | 204.0 | MD | Enola' Harrisburg | | | | | | | | | | | | | | | | | | 02 | | | | | |
| USA, PA | 209.0 | SYS | Stoystown' Somerset | | | | | | | | | | | | | 00 | | | 07 | | 02 | | | | | |
| USA, PA | 219.0 | CX | Latle' Harrisburg | | | | | | | | | | | | | | | | | | 09 | | | | | |
| USA, SC | 220.0 | DCM | Chester | | | | | | | | | | | | | 02 | | | 06 | | 03 | | | | | |
| USA, SC | 230.0 | BES | Bennettsville | | | | | | | | | | | | | 02 | | | | 10 | 04 | | | | | |
| USA, SC | 239.0 | GIW | Coronaca' Greenwood | | | | | | | | | | | | | 02 | | | 01 | | 04 | | | | | |
| USA, SD | 203.0 | AB | Reney' Aberdeen | | | | | | | | | 05 | | | | 18 | | | 00 | | | | 03 | 06 | | |
| USA, TN | 203.0 | DMZ | Dickson | | | | | | | | | 07 | | 03 | | 18 | | | 18 | 11 | 09 | | 02 | 05 | | |
| USA, TN | 212.0 | UC | Obion' Union City | | | | | | | | | 04 | | 07 | | 18 | | | 18 | | | | 02 | 09 | | |
| USA, TN | 221.0 | BO | Booie' Bristol (Johnston-Kingsport) | | | | | | | | | | | | | 01 | | | 01 | | 10 | | | 03 | | |
| USA, TN | 233.0 | HEM | Huchn' Sparta | | | | | | | | | | | | | 02 | | | 04 | | 03 | | | 09 | | |
| USA, TX | 212.0 | LIU | Littlefield | | | | | | | | | 08 | | 02 | | 10 | | | 06 | | | | 03 | 19 | | |
| USA, TX | 233.0 | VHN | Van Horn | | | | | | | | | 01 | | | | 12 | | | | | | | 03 | 03 | | |
| USA, VA | 237.0 | EZF | Shannon' Fredericksburg | | | | | | 08 | | | | | | | 02 | | | 08 | 11 | 03 | 02 | | | | |
| USA, WA | 216.0 | GRF | Graye AAF (Joint Base Lewis-Mcchord) Airport | | | | | 08 | | | | | | | | | | | | | | | | | 20 | 19 |
| USA, WI | 221.0 | RP | Wickr' Rice Lake Airport, Carl's Field | | | | | | | | | 06 | | 05 | | 18 | | | 12 | | 10 | | | 02 | | |
| USA, WI | 230.0 | AT | Gamie' Appleton | | | | | | | | | | | | | 19 | | | 07 | | | | | 03 | | |
| USA, WI | 239.0 | EA | Maggs' Eau Claire | | | | | | | | | | | | | 19 | | | | | | | | | | |
| VTN | 212.0 | DJ | Danang | | | | | | | | 16 | | | | | | | | | | | | | | | |
| XON | 229.0 | 1M | Hibernia Platform, Offshore | | | | | | 08 | | | | | | | | | | | | | | | | | |

## COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

| ITU | ITU_Name | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALS | Alaska, AK | | | 2 | | 5 | | | 1 | 1 | | | | | | | | | | | | | 2 | 5 |
| AUS | Australia, NN | 1 | | | | | | | | | | | | | | | | | | | | | | |
| AUS | Australia, NW | | 4 | | | | | | | | | | | | | | | | | | | | | |
| AUS | Australia, QD | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| AUS | Australia, SA | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| AUS | Australia, VI | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| CAN | Canada, AB | | | 3 | 4 | 7 | | | | 4 | 1 | 3 | | 5 | | | 3 | | | | 4 | 3 | 4 | 6 |
| CAN | Canada, BC | | | 10 | 11 | 11 | | | 5 | 9 | 8 | 4 | | 5 | | | 2 | | | | 6 | 4 | 11 | 11 |
| CAN | Canada, MB | | | | | 4 | | | | 5 | 1 | 6 | | 6 | 1 | 1 | 6 | | | | 7 | 6 | 1 | 1 |
| CAN | Canada, NB | | | | | | 3 | 1 | | 2 | | | | 3 | | 1 | 1 | | 3 | 1 | | 1 | | |
| CAN | Canada, NL | | | | | | 3 | 1 | | | | | | | | | | | 1 | | | | | |
| CAN | Canada, NS | | | | | | 4 | 1 | | 1 | | 1 | | 2 | 1 | 1 | 1 | 1 | 3 | 1 | | 1 | | |
| CAN | Canada, NT | | | 1 | 1 | 1 | | | | 1 | | | | 1 | | | | | | | | 1 | 1 | 1 |
| CAN | Canada, NU | | | | | 3 | 2 | | | 1 | | 2 | | 3 | 1 | | 2 | | 1 | | 2 | 3 | | |
| CAN | Canada, ON | | | | | 6 | 6 | 5 | | 11 | 2 | 12 | | 19 | 11 | 12 | 18 | 3 | 10 | 4 | 13 | 17 | | 1 |
| CAN | Canada, QC | | | | | | 18 | 6 | | 5 | | 1 | | 16 | 1 | 2 | 10 | 1 | 17 | 2 | 1 | 6 | | |
| CAN | Canada, SK | | | | | 3 | | | | 2 | | 2 | | 3 | | | 1 | | | | 2 | 2 | | 2 |
| CAN | Canada, YT | | | | | | | | 1 | | | | | | | | | | | | 1 | | | |
| MEX | Mexico | | | | | 1 | | | | 1 | 1 | 1 | | 1 | | | 1 | | | | 1 | 1 | | |
| NCL | New Caledonia | | 1 | | | | | | | | | | | | | | | | | | | | | |
| NZL | New Zealand | | 3 | | | | | | 1 | | | | | | | | | | | | | | | |
| USA | USA, AL | | | | | | | | | 2 | | 1 | | 3 | | | 3 | | 1 | | 1 | 3 | | |
| USA | USA, AR | | | | | | | | | 3 | | 2 | | 3 | | | 3 | | 1 | | 2 | 3 | | |
| USA | USA, AZ | | | | | 3 | | | | 3 | 2 | 3 | | 2 | | | 2 | | | | 3 | 3 | 1 | 2 |
| USA | USA, CA | | | | | 2 | | | | 2 | 2 | | | | | | | | | | | 1 | | |
| USA | USA, CO | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, FL | | | | | | | | | | | | 1 | | | | | | | | 1 | 1 | | |
| USA | USA, GA | | | | | | | | | 2 | | | 1 | 6 | | | 4 | | 2 | | | 5 | | |
| USA | USA, IA | | | | | 1 | | | | | | | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, ID | | | | | 2 | | | | 2 | 2 | 2 | | 2 | | | 1 | | | | 2 | 1 | 2 | 2 |
| USA | USA, IL | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | | 1 | | |
| USA | USA, IN | | | | | | 1 | | | | | | | 2 | | | 2 | | 2 | | | 2 | | |
| USA | USA, KS | | | | | 1 | | | | 2 | | 2 | | 2 | | | 2 | | 1 | | 2 | 2 | | |
| USA | USA, KY | | | | | | | | | 1 | | | | 2 | | | 2 | | 1 | | | 2 | | |
| USA | USA, LA | | | | | | | | | 1 | | 1 | | 1 | | | 1 | | | | 2 | 2 | | |
| USA | USA, MA | | | | | | 1 | | | | | | | | | | | | 1 | | | | | |
| USA | USA, MD | | | | | | | | | | | | | 1 | | | | | 1 | | | | | |
| USA | USA, ME | | | | | | 1 | | | | | | | | | | | | 1 | | | | | |
| USA | USA, MI | | | | | | | | | 1 | | 1 | | 2 | 1 | 1 | 1 | | 1 | | 1 | 1 | | |
| USA | USA, MN | | | | | 1 | | | | 1 | | 2 | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, MO | | | | | 1 | | | | 2 | | 2 | | 2 | | | 2 | | 1 | | 2 | 2 | | |
| USA | USA, MS | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| USA | USA, MT | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | 1 | 1 | 1 | 1 |
| USA | USA, NC | | | | | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 5 | 1 | 2 | 5 | 5 | 5 | 2 | 3 | 4 | | 1 |
| USA | USA, ND | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, NE | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, NH | | | | | | | | | | | | | | | | | | 2 | | | | | |
| USA | USA, NJ | | | | | | | | | | | | | | | | | | 1 | | | | | |
| USA | USA, NY | | | | | | | | | | | | | 2 | 1 | | 1 | | 3 | | | | | |
| USA | USA, OH | | | | | | 1 | | | | | 1 | | 4 | 1 | 2 | 4 | | 2 | 1 | | 3 | | |
| USA | USA, OK | | | | | 1 | | | | 1 | | 1 | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, OR | | | | | 1 | | | | 1 | 1 | | | | | | | | | | | | 1 | 1 |
| USA | USA, PA | | | | | | | | | | | | | 1 | | | 1 | | 3 | | | | | |
| USA | USA, SC | | | | | | | | | | | | | 3 | | | 2 | 1 | 3 | | | | | |
| USA | USA, SD | | | | | | | | | 1 | | | | 1 | | | 1 | | | | 1 | 1 | | |
| USA | USA, TN | | | | | | | | | 2 | | 2 | | 4 | | | 4 | 1 | 3 | | 2 | 4 | | |
| USA | USA, TX | | | | | | | | | 2 | | 1 | | 2 | | | 1 | | | | 2 | 2 | | |
| USA | USA, VA | | | | | | 1 | | | | | | | 1 | | | 1 | 1 | 1 | 1 | | | | |
| USA | USA, WA | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1 |
| USA | USA, WI | | | | | | | | | 1 | | 1 | | 3 | | | 2 | | 1 | | | 2 | | |
| VTN | Vietnam | | | | | | | | 1 | | | | | | | | | | | | | | | |
| XON | Int Waters: N.America | | | | | | 1 | | | | | | | | | | | | | | | | | |
| ITU | ITU_Name | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |

## LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

| UTC (hh) | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00:00 - 00:59 | | | | | | | 1 | | 3 | | | | 5 | | 2 | 6 | 4 | | | | 4 | 3 | |
| 01:00 - 01:59 | | | | | | | | | 11 | | | | 5 | | | 15 | | | 1 | | 6 | | |
| 02:00 - 02:59 | | | | | | | 2 | | 3 | 3 | 24 | | 25 | | | | | 9 | 7 | 28 | 23 | | |
| 03:00 - 03:59 | | | 12 | | | 2 | 7 | | 10 | 8 | 12 | | 1 | 4 | 4 | 5 | | 10 | | 28 | 20 | | |
| 04:00 - 04:59 | | | | | | | 2 | | 4 | 4 | 7 | | | | | 11 | | 4 | | 2 | | 1 | |

| UTC (hh) | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05:00 - 05:59 | | | | | 9 | | 1 | | 23 | 5 | 2 | | | 9 | 1 | 3 | | | | | 15 | | 7 |
| 06:00 - 06:59 | | | 3 | | 8 | | 3 | | 15 | 1 | 7 | | | | 5 | 11 | | | | | 2 | 3 | |
| 07:00 - 07:59 | | | 1 | | 9 | 2 | | 4 | 9 | | 2 | | | | | 10 | | | 3 | | 4 | 7 | |
| 08:00 - 08:59 | | | | 7 | 7 | 11 | | 1 | 2 | | 1 | | | | | 1 | | | | | 3 | 1 | 2 |
| 09:00 - 09:59 | | 3 | | 9 | 8 | 1 | | | | | 2 | | | | | 1 | | 9 | | 6 | 12 | | 5 |
| 10:00 - 10:59 | | 5 | | | 7 | | | | | | 3 | 4 | 1 | 2 | | 2 | 4 | 4 | | 4 | 7 | | 4 |
| 11:00 - 11:59 | | 3 | | | 6 | | | | | | | | 18 | | 2 | 3 | 5 | | | 1 | | | 6 |
| 12:00 - 12:59 | | | | | 1 | | | 1 | | | | | 6 | | 2 | 11 | | | | | | | |
| 13:00 - 13:59 | | | | | 3 | | | | | | | | | | | | | | | | | | |
| 14:00 - 14:59 | | | | | 2 | | | | | | | | | | | | | | | | | | |
| 15:00 - 15:59 | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 16:00 - 16:59 | 1 | | | | | 17 | | 4 | | | | | 8 | | | | | | | | | | |
| 17:00 - 17:59 | | | | | | 2 | | | | | | | | | | | | 23 | | | | | |
| 18:00 - 18:59 | | | | | 1 | | | | | | | | 33 | 4 | | 10 | | 1 | | | | | 9 |
| 19:00 - 19:59 | | | | | | 5 | | | | | | | 23 | | | 8 | | | 1 | | 2 | | 1 |
| 20:00 - 20:59 | | | | | | 2 | | | | | | | | | | | | | | | | 10 | |
| 21:00 - 21:59 | | | | | 1 | | | | | | | | | | | | | 9 | | | | | 1 |
| 22:00 - 22:59 | | | | | | | | | | | 1 | | | | 4 | 1 | | 1 | | | | | |
| 23:00 - 23:59 | | | | | | 2 | | | | | | | 1 | | 2 | | | 2 | | | | | |
| **NDBs** | **4** | **11** | **16** | **16** | **62** | **44** | **16** | **10** | **80** | **21** | **61** | **4** | **126** | **19** | **22** | **98** | **13** | **72** | **12** | **69** | **98** | **25** | **35** |

## NDB COUNTS, BY FREQUENCY:

and the number logged by all on each frequency, ignoring offsets:

| NDBs | QRG | AUS, SA rw | AUS, TA et | CAN, BC bt | CAN, BC co | CAN, BC sm | CAN, NS vm | CAN, QC ky | HWA mx | USA, AZ sr | USA, CA pa | USA, CO ac | USA, FL cg | USA, IL dt | USA, MI ct | USA, MI jb | USA, MO dp | USA, NC ws | USA, NH jc | USA, NJ ge | USA, TX ch | USA, TX du | USA, WA so | USA, WA rt | NDBs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 195.0 | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 |
| 1 | 198.0 | | | | | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 |
| 2 | 200.0 | | | 1 | 2 | 2 | | | 1 | 1 | 1 | 1 | | 1 | | | 1 | | | | 1 | 1 | 2 | 2 | 2 |
| 10 | 201.0 | | | | | 4 | 4 | | | 4 | 1 | 5 | | 8 | 1 | 2 | 7 | 1 | 3 | | 5 | 6 | 1 | 1 | 10 |
| 6 | 203.0 | 1 | 1 | 2 | 2 | 3 | | | | 5 | 2 | 1 | | 3 | | | 2 | 1 | 1 | | 2 | 2 | 2 | 2 | 6 |
| 4 | 204.0 | | | | | 2 | 1 | | | 1 | | 1 | | 3 | | | 1 | | 2 | | | 2 | | 1 | 4 |
| 3 | 205.0 | | | | | | 1 | 1 | | 1 | | | | 3 | | | 3 | 1 | 3 | | 1 | 1 | | | 3 |
| 6 | 206.0 | | | 1 | 1 | 3 | 1 | 1 | | 3 | 2 | 3 | | 5 | 1 | 1 | 4 | 1 | 1 | 1 | 3 | 4 | 1 | 2 | 6 |
| 4 | 207.0 | | | 1 | | 2 | 2 | | | 2 | | 1 | | 3 | 1 | 1 | 3 | | 2 | | 3 | 2 | 1 | 1 | 4 |
| 1 | 208.0 | | | | | 1 | 1 | | | 1 | | 1 | | 1 | 1 | | 1 | | 1 | | 1 | 1 | | | 1 |
| 10 | 209.0 | | 1 | | | 4 | 1 | | | 5 | 2 | 2 | | 5 | 1 | 2 | 5 | | 4 | | 2 | 5 | 1 | 1 | 10 |
| 1 | 210.0 | | | | | | | | | 1 | | | | 1 | | | 1 | | 1 | | | 1 | | | 1 |
| 3 | 211.0 | | | | | 1 | 1 | | | 1 | 1 | 1 | | 3 | | | 2 | | 1 | | 1 | 2 | 1 | 1 | 3 |
| 10 | 212.0 | | | | | 3 | 1 | 1 | 1 | 6 | | 4 | | 7 | 1 | 2 | 6 | | 3 | 1 | 5 | 7 | | 1 | 10 |
| 1 | 213.0 | | | | | | 1 | | | | | | | 1 | | | 1 | | 1 | | | | | | 1 |
| 6 | 214.0 | | | 1 | 1 | 2 | 1 | | 2 | 2 | 2 | 2 | | 4 | | | 3 | | 2 | | 3 | 2 | 1 | 1 | 6 |
| 3 | 215.0 | | | | 1 | 1 | | | | 1 | | 1 | | 2 | | | 1 | | 1 | | 1 | 2 | 1 | 1 | 3 |
| 5 | 216.0 | | | | | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 1 | 4 | 1 | 2 | 2 | 1 | 2 | 5 |
| 5 | 218.0 | 1 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 4 | 2 | 2 | | 3 | 1 | 2 | 3 | 1 | 1 | | 1 | 2 | 1 | 2 | 5 |
| 6 | 219.0 | | | | | 1 | 1 | | | 1 | | 1 | 1 | 4 | | 1 | 4 | | 2 | | 1 | 2 | | 1 | 6 |
| 5 | 220.0 | | | | | 2 | 1 | 1 | | 3 | 1 | 2 | | 4 | | | 3 | 1 | 3 | 1 | 2 | 3 | 1 | 1 | 5 |
| 10 | 221.0 | | 1 | 1 | 1 | 1 | 3 | | | 1 | 1 | 2 | 1 | 6 | 1 | 1 | 5 | | 6 | | 2 | 6 | 1 | 1 | 10 |
| 1 | 222.0 | | | 1 | 1 | 1 | | | | 1 | | | | 1 | | | | | | | | 1 | 1 | 1 | 1 |
| 6 | 223.0 | | | 1 | 1 | 3 | 1 | 1 | 1 | 3 | 1 | 1 | | 4 | 1 | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 1 | 2 | 6 |
| 7 | 224.0 | | 1 | | | 2 | 1 | | | 3 | 1 | 5 | | 4 | 1 | 1 | 3 | | 3 | 1 | 3 | 5 | 1 | 1 | 7 |
| 2 | 225.0 | | | | | 2 | | | | 1 | 1 | | | 1 | | | | | | | 1 | | 1 | 2 | 2 |
| 1 | 226.0 | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 10 | 227.0 | 1 | 1 | 1 | 1 | 4 | 2 | | | 5 | 1 | 4 | | 7 | 1 | | 5 | | 4 | | 4 | 5 | 1 | 1 | 10 |
| 3 | 229.0 | | | 1 | | 1 | 2 | | | | | | | | | | | | 1 | | | | | 1 | 3 |
| 14 | 230.0 | | 1 | 1 | 2 | 3 | 3 | 2 | | 5 | | 5 | | 13 | | | 10 | 2 | 6 | 1 | 6 | 10 | 1 | 2 | 14 |
| 1 | 231.0 | | | | | | | | | | | | | 1 | 1 | | | | 1 | | | | | | 1 |
| 1 | 232.0 | | | | | | 1 | 1 | | 1 | | | | 1 | | | | | 1 | | | 1 | | | 1 |
| 10 | 233.0 | 1 | | 1 | | 3 | 1 | 2 | 1 | 5 | | 3 | | 6 | 1 | 1 | 4 | 1 | 3 | | 5 | 5 | 1 | 1 | 10 |
| 3 | 234.0 | | | | | | 1 | | | 1 | | 1 | | 1 | | | 1 | | | | | 2 | | | 3 |
| 2 | 235.0 | | | | | | 2 | | | 2 | | 1 | | 2 | 1 | 1 | 2 | | 2 | 1 | 1 | 2 | | | 2 |
| 6 | 236.0 | | | 1 | 1 | 2 | 1 | 1 | 1 | 5 | 1 | 4 | | 5 | 1 | 1 | 5 | | 1 | 1 | 4 | 6 | 2 | 2 | 6 |
| 2 | 237.0 | | | | | | 2 | | | | | | | 1 | | | 1 | 1 | 1 | 1 | | | | | 2 |
| 2 | 238.0 | | 1 | | | 1 | | | 1 | | | | | 1 | | | | | | | 1 | | | | 2 |
| 8 | 239.0 | | 1 | 1 | 1 | 2 | 2 | | | 2 | | 3 | | 6 | 1 | 1 | 4 | | 3 | 1 | 3 | 3 | 1 | 1 | 8 |
| 1 | 325.5 | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 | 381.5 | | | | | | | | | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | | | 1 |
| **NDBs** | **QRG** | **AUS, SA rw** | **AUS, TA et** | **CAN, BC bt** | **CAN, BC co** | **CAN, BC sm** | **CAN, NS vm** | **CAN, QC ky** | **HWA mx** | **USA, AZ sr** | **USA, CA pa** | **USA, CO ac** | **USA, FL cg** | **USA, IL dt** | **USA, MI ct** | **USA, MI jb** | **USA, MO dp** | **USA, NC ws** | **USA, NH jc** | **USA, NJ ge** | **USA, TX ch** | **USA, TX du** | **USA, WA so** | **USA, WA rt** | **NDBs** |

## MOB:

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !
(Occasionally an entry may be the result of an incorrectly received ident)

| QRG | ID | Name | ITU | Reporter | | UTC |
|---|---|---|---|---|---|---|
| 224.0 | FSE | Fosston | USA | USA, CO | ac | 0827 |
| 221.0 | OR | Henry' Orlando | USA | USA, FL | cg | 1004 |
| 233.0 | BR | Brandon | CAN | USA, TX | ch | 0952 |
| 239.0 | YXQ | Beaver Creek | CAN | USA, TX | ch | 1016 |
| 206.0 | AP | Felps' Alpena | USA | USA, IL | dt | 0202 |
| 227.0 | AB | Putny' Albany | USA | USA, IL | dt | 0232 |
| 233.0 | AG | Bushe' Augusta | USA | USA, IL | dt | 0254 |
| 239.0 | EA | Maggs' Eau Claire | USA | USA, IL | dt | 1929 |
| 234.0 | EQQ | Newnan | USA | USA, TX | du | 1008 |
| 209.0 | SCO | Scone | AUS | AUS, TA | et | 0957 |
| 221.0 | WG | Wagga Wagga | AUS | AUS, TA | et | 1008 |
| 224.0 | WMD | West Maitland | AUS | AUS, TA | et | 0959 |
| 239.0 | WOL | Wollongong | AUS | AUS, TA | et | 1001 |
| 325.5 | NW | La Tontouta | NCL | AUS, TA | et | 1130 |
| 226.0 | KK | Kerikeri | NZL | AUS, TA | et | 1128 |
| 230.0 | AP | Taupo | NZL | AUS, TA | et | 1128 |
| 204.0 | MD | Enola' Harrisburg | USA | USA, NH | jc | 0243 |
| 209.0 | GF | Ganse' Glens Falls | USA | USA, NH | jc | 1750 |
| 209.0 | MJ | Lawrence Corner | USA | USA, NH | jc | 1750 |
| 214.0 | TE | Torby | USA | USA, NH | jc | 2149 |
| 216.0 | CO | Epsom' Concord | USA | USA, NH | jc | 1748 |
| 219.0 | CX | Latle' Harrisburg | USA | USA, NH | jc | 0955 |
| 214.0 | DA | Dawson | CAN | HWA | mx | 1620 |
| 212.0 | DJ | Danang | VTN | HWA | mx | 1631 |
| 233.0 | AYE | Ayers Rock | AUS | AUS, SA | rw | 1518 |
| 195.0 | 5C | South Venture Platform | CAN | CAN, NS | vm | 1633 |
| 201.0 | YIF | St. Augustin | CAN | CAN, NS | vm | 1712 |
| 234.0 | 7H | Marystown | CAN | CAN, NS | vm | 1944 |
| 237.0 | 7C | Fogo | CAN | CAN, NS | vm | 1945 |
| 227.0 | GW | Aubon' De Kalb County, Auburn | USA | CAN, NS | vm | 0335 |
| 229.0 | 1M | Hibernia Platform, Offshore | XON | CAN, NS | vm | 0816 |

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN** CLE206 - 190 - 239,9 / 190,5 - 999,5 kHz - 22.04.2016 - 25.04.2016
**NOW** CLE225 - 190 - 239,9 kHz / 190,5 - 999,5 kHz - 24.11.2017 - 27.11.2017

| Listener | Av km THEN | Av km NOW | Total km x 1000 THEN | Total km x 1000 NOW | NDBs THEN | NDBs NOW | Max km THEN | Max km NOW |
|---|---|---|---|---|---|---|---|---|
| **AUS, TA et** | 2137 | 1689 | 126 | 19 | 59 | 11 | 7030 | 2900 |
| **CAN, BC bt** | 648 | 654 | 14 | 10 | 21 | 16 | 1239 | 1247 |
| **CAN, BC sm** | 1560 | 1607 | 103 | 100 | 66 | 62 | 4050 | 4057 |
| **HWA mx** | 5034 | 5618 | 20 | 56 | 4 | 10 | 6982 | 9779 |
| **USA, AZ sr** | 2229 | 2340 | 105 | 187 | 47 | 80 | 6596 | 4847 |
| **USA, CA pa** | 2061 | 1514 | 99 | 32 | 48 | 21 | 6620 | 3838 |
| **USA, CO ac** | 1564 | 1510 | 70 | 92 | 45 | 61 | 3649 | 3234 |
| **USA, FL cg** | 510 | 440 | 2 | 2 | 3 | 4 | 758 | 742 |
| **USA, IL dt** | 921 | 1333 | 64 | 168 | 70 | 126 | 2816 | 3437 |
| **USA, NH jc** | 715 | 928 | 27 | 67 | 38 | 72 | 1482 | 2074 |
| **USA, NJ ge** | 1019 | 962 | 10 | 12 | 10 | 12 | 1831 | 1833 |
| **USA, TX du** | 709 | 1769 | 6 | 173 | 9 | 98 | 1666 | 3971 |
| **USA, WA rt** | 1087 | 1096 | 43 | 38 | 40 | 35 | 2589 | 3965 |
| **Averages:** | 1553 | 1651 | 53 | 74 | 35 | 47 | 3639 | 3533 |
| **% Increase:** | | 6 | | 39 | | 32 | | -3 |

| Listener | Av km THEN | Av km NOW | Total km x 1000 THEN | Total km x 1000 NOW | NDBs THEN | NDBs NOW | Max km THEN | Max km NOW |
|---|---|---|---|---|---|---|---|---|
| **AUS, SA rw** | | 867 | | 3 | | 4 | | 1291 |
| **CAN, BC co** | | 578 | | 9 | | 16 | | 1554 |
| **CAN, NS vm** | | 985 | | 43 | | 44 | | 2067 |
| **CAN, QC ky** | | 845 | | 14 | | 16 | | 1606 |
| **USA, MI ct** | | 890 | | 17 | | 19 | | 1735 |
| **USA, MI jb** | | 834 | | 18 | | 22 | | 1764 |
| **USA, MO dp** | | 1272 | | 125 | | 98 | | 3833 |
| **USA, NC ws** | | 751 | | 10 | | 13 | | 1855 |
| **USA, TX ch** | | 2129 | | 147 | | 69 | | 4956 |
| **USA, WA so** | | 896 | | 22 | | 25 | | 2128 |
| **Averages:** | | 1005 | | 41 | | 33 | | 2279 |
| **% Increase:** | | | | | | | | |

Av. km = Average distance from listener to NDB for all their loggings
Total km = Sum of distances from listener to NDBs for all their loggings
NDBs = Number of NDBs logged
Max km = Maximum distance from listener to an NDB logged
(UNIDs are not included)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve
our knowledge of our hobby, our listening techniques, our receivers and aerials, etc.
Many of our CLEs re-use the same narrow range of frequencies after a year or so.
This can provide each of us with an excellent way of measuring our personal progress
by comparing our results THEN with our corresponding results NOW.

The upper table shows statistics for listeners who took part in both the events.
The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as
changes in receivers or aerials, time available for listening, use of recording equipment
and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful -
we each have so many unavoidable things that affect our ability to hear NDBs;
where we and they happen to be, whether we are in a city or in wide open spaces
or by the sea, our spending limit, how long we are able to devote to listening, etc.

CLE225_Results_RoW.xlsxls
je - 29.11.2017