NDB LIST CLE No. 229 270 - 319,9 kHz 23.02.2018 - 26.02.2018

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
AUS, TA	et	Edgar Twining, Moonah
CAN, AB	d5	Dan Petersen (WA), via KiwiSDR at Edmonton
CAN, BC	bt	Brian Butler, Hazelton
CAN, BC	co	Dan Collier, Vancouver - while at Univ. ARC
CAN, BC	tc	Tom Brent, Dewdney
CAN, QC	ky	Richard Katezansky, Main, Montreal
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
THA	g6	Geir Laastad (NOR), while at Cha-Am, Thailand
USA, AZ	bc	Bob Coomler, Tucson
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	c9	Christoph Mayer, using remote Perseus at Stanford
USA, CA	pa	Phil Atchley, Merced, Central California
USA, CO	ac	Anthony Casorso, Westminster
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, MI	ct	Carl Schmidt, Rochester
USA, MI	jb	Joe Miller, Troy
USA, MI	l9	Lorraine Kulbacka, via KiwiSDR at Farmington Hills
USA, MO	dp	Dick Palmer, Wentzville
USA, NC	da	David Kent, Burnsville, North NC
USA, NC	ws	Bill Stewart, Smithfield, 30 miles SE of Raleigh
USA, NE	dn	Don Tomkinson, Gothenburg
USA, NH	jc	John Collins, Charlestown
USA, NJ	ge	George Muha, Cream Ridge
USA, NJ	rs	Bill Riches, Cape May
USA, TN	ba	Brandon Jordan, Fayette County
USA, TX	ch	Chuck Dobbins, Alpine
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, UT	mu	Mark Moulding, Ogden, Northern UT
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 AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
ALS, AK	281.0	CRN	Cairn Mountain' Sparrevohn				08								10																				
ALS, AK	283.0	DUT	Dutch Harbor' Unalaska				08	09			07			05	09	05																09	12	08	10
AUS, NW	272.0	LHI	Lord Howe Island		11																														
AUS, NW	293.0	COM	Cooma		09																														
AUS, NW	299.0	CWR	Cowra	15	09																														
AUS, NW	305.0	GTH	Griffith	02	09																														
AUS, QD	276.0	TVL	Townsville		11										11																				
AUS, QD	278.0	CG	Coolangatta		10										12																				
AUS, QD	302.0	BUD	Bundaberg		10																														
AUS, QD	308.0	MK	Mackay		11										13																				
AUS, QD	311.0	NTN	Normanton	19	10																														
AUS, SA	287.0	LEC	Leigh Creek	02	10																														
AUS, SA	293.0	CDU	Ceduna	02	19																														
AUS, SA	311.0	EDN	Edinburgh	02	10																														
AUS, TA	302.0	WYY	Wynyard	19	09																														
AUS, VI	272.0	MIA	Mildura	02	10																														
AUS, WE	287.0	KG	Kalgoorlie		12																														
AUS, WE	293.0	CUN	Cunderdin	19																															
BRA	285.0	CUA	Curauri																													09			
BRA	285.0	DOU	Dourados (MS)																								09								
BRU	318.0	BR	Brunei									12																							
CAN, AB	272.0	YLB	Lac La Biche			02		09	07					02	10		05	01	04												10	04	05	06	10
CAN, AB	276.0	3H	Consort			02	08	09						03	09		05	02	11												02	10			11
CAN, AB	287.0	PE	Peace River			04	06	08	07					05		04	06	11														09		06	10
CAN, AB	292.0	ZET	Devon (Edmonton Intl Apt)			02	07	08	07					06	09		09	02														10			11
CAN, AB	295.0	8C	Fairview			02	07	12							09	03		11																06	11
CAN, AB	299.0	TV	Turner Valley			04	03	08	06					02	09	03	07	02	04				08			05				09		09	06	06	10
CAN, AB	304.0	FH	Mc Leod (Whitecourt)			04	07	08	10						09	05																			10
CAN, AB	305.0	Z1	Three Hills				06	08	09					03	09	03	07															10			11

CAN, AB	307.0 M5	Manning			04	05	13																													11
CAN, AB	308.0 ZZD	Calmar (Edmonton Intl Apt)			04	06	08						03	09	04	10	02																	10		11
CAN, AB	311.0 9Y	Pincher Creek			04	04		07					02	09	04	07	02	04								07					03	10	06	06	11
CAN, BC	272.0 XS	Prince George			02	02	09	06		13				09	03	06	11														10	10	12	06	19
CAN, BC	290.0 YYF	Penticton				02	08	05		07		05	02	09	04	05	01	11								05				09	02	10	05	06	19
CAN, BC	293.0 MB	Mill Bay' Victoria				03	08	06					04	09	03	07	12															10	05	06	21
CAN, BC	302.0 6K	Vernon				03	08	06						09	06	09																		07	11
CAN, BC	312.0 UNT	Naramata (Penticton)				02	08	07					05	09	03	07															03	11	05	06	11
CAN, MB	275.0 AV	St Andrews (Winnipeg)											03			06	02	02												08	02	10			
CAN, MB	276.0 ZTH	Headframe' Thompson															11	11																	
CAN, MB	280.0 4T	Shamattawa														07	02	11																	
CAN, MB	284.0 QD	The Pas			02	03	08	05		07		06	02	09	03	05	23	00	06	10	10	11				04				10	10	01	06	08	10
CAN, MB	287.0 ZWG	Stoney' Medicine Rock (Winnipeg)											05		05	06	00	02								07				09	02	01			
CAN, MB	296.0 M4	Gimli															02	11																	
CAN, MB	300.0 YIV	Island Lake			04								04	10		05	00	01	10		10	11				07		04				09			
CAN, MB	305.0 YQ	Churchill / Eastern Creek							05			05	02	09	05	05	00	01	10	10	04	03				05	10			08	03	02			03
CAN, NB	304.0 ZQM	Riverview (Moncton)																									22								
CAN, NL	270.0 ZNF	Wabana' Saint John's															01										00		04						
CAN, NL	280.0 QX	Gander							03				04				23	00		10		03		01			21		06	08		09			
CAN, NL	281.0 CA	Cartwright							04				04				23	00				03					21		10	08		09			
CAN, NT	274.0 FR	Fort Resolution			02																														
CAN, NT	287.0 WJ	Deline				05																				08									
CAN, NU	277.0 YLC	Kimmirut															01										09								
CAN, NU	284.0 RT	Rankin Inlet											05			12	00	04									04					09			
CAN, NU	290.0 YYH	Taloyoak			02																														
CAN, ON	272.0 YQA	Muskoka							03				05	09	06	05	18	19	18	00	17	10	03	01			21	00	04	14	03	04			
CAN, ON	274.0 YPM	Pikangikum			02								03	09		05	23	00	06	02	09	10					09			11		09			
CAN, ON	276.0 YEL	Elliot Lake							03			05	03			05	18	22	18	00	09	11	03	01	08		01	02	03	08	02	00			
CAN, ON	283.0 PT	Pelee Island											02			05	18	19	18	00	10	11	03	00	08		01		04	07	02	01			
CAN, ON	300.0 YOG	Ogoki Post							05				03	10	06	03	00	00	06	00	00	01	04				01			11		02			
CAN, ON	317.0 ZZR	Trenton (Apt)' Severn							06							04	00	23	00	01	17	01	04	00			22	00		07	03	03			
CAN, QC	272.0 ZMR	Mirabel' Montreal							03				05				23	00		03	06	08	04	01			21		04	07	02	04			
CAN, QC	275.0 R1	Thetford Mines							04								23	00		01	04						21		03			10			
CAN, QC	276.0 YHR	Chevery																													10				
CAN, QC	278.0 NM	Matagami							03			06	03	09	05	05	18	21	00	00	09	11	03	00	04		22	00	10		02	01			
CAN, QC	285.0 UHA	Quaqtaq															00																		
CAN, QC	289.0 YLQ	La Tuque							03				04			07	00	23	07	00	10	11	03	00			21	00	04	09	02	02			
CAN, QC	291.0 9Q	Amos															01	00									10					10			
CAN, QC	317.0 ZMX	Janvier / Mirabel (Montreal)							03					10			01	00	11	10	07		04	00			21	00	04	07	03	03			
CAN, SK	287.0 YSF	Stony Rapids														06	11								08										
CAN, SK	290.0 QR	Regina			02	09	08	07					03	09	04	05	00	01			04	03			08					08	02	10			11
CAN, SK	302.0 QW	North Battleford			04	06	08	09					04	07		05	01	01							05							09			11
CAN, SK	317.0 VC	La Ronge			04	04	08	06		07		06	05	09	03	05	01	00	07		11	11			05					07	10	03	06	08	11
CAN, YT	284.0 YOC	Old Crow				05																													
CLM	309.0 GPI	Guapi											05			07	00	00	11	10	07	03	05				02		06	05	03	02			
CPV	274.0 SAL	Sal Island / Amilcar Cabral																									01								
CUB	278.0 URC	Nueva Gerona																									04				02	10			
CUB	287.0 ULV	Santa Clara															02	05									09					10			
CUB	300.0 UGT	Guantanamo (Guantanamo)															02	04									05								
CUB	300.0 UTD	Trinidad															02	07														09			
EQA	280.0 SOL	Chongon' Guayaquil (Guayas)															01														02	10			
FJI	307.0 NA	Nausori		11										10																					
GAL	300.0 SCR	San Cristobal												09		09	11	04													03	10			
GRL	279.0 SI	Simiutaq (Kitaa)																									09								
GRL	298.0 KU	Kook Islands (Kitaa)															00										02								
MHL	316.0 MAJ	Majuro Atoll (Dalap Island)		12										10																					
MLA	282.0 PK	Pekan									12																								
NCL	305.0 KQ	Kone		13																															
NZL	274.0 GB	Great Barrier Island		16																															
NZL	278.0 WS	Westport		10																															
NZL	310.0 HK	Hokitika		09																															
NZL	314.0 RD	Miranda		10																															
SMO	270.0 FA	Apia (Upolu Island)								16																									
THA	277.0 CT	Chiang Rai									12																								
THA	283.0 PH	Phetchabun									12																								
THA	292.0 THS	Sukhothai									12																								
THA	293.0 BK	Bangkok									09																								
THA	299.0 KB	Kroby									15																								
THA	316.0 MS	Mae Sot									12																								
THA	316.0 SM	Samui									12																								
USA, AR	290.0 TYV	Toneyville' Jacksonville											03			05	01	01			10	03			04	09				23	02	02			
USA, AR	311.0 GK	Jembo' Fort Smith											02			06	01	01			11	03			05					06	03	19			
USA, GA	278.0 GPQ	Carrollton																							06										
USA, GA	280.0 MQW	Mc. Rae											06			05	00	23	10	01	10	11	03	00			04		06	11		01			
USA, GA	316.0 FF	Pecat' Peachtree City											04			03	01	00				03	05				03			07		11			
USA, IL	272.0 IK	Kankakee														07	18	19			00	10	04				09			03	02	04			
USA, IL	272.0 OLY	Olney' Olney-Noble											03			05	18	19			06	10								03		04			
USA, IL	275.0 DE	Elwin' Decatur															18	19				11										09			
USA, IL	275.0 RF	Gilmy' Rockford																												07					
USA, IL	293.0 UI	Quincy																							06										
USA, KS	314.0 CVY	Cavalry' Fort Riley											03			05	18	00			07	11			18						03	02			
USA, KY	273.0 FK	Airbe' Fort Campbell (Hopkinsville)											03			06	18	23		10	09	10	03			09				04	02	04			
USA, KY	311.0 DVK	Goodall' Danville															01	01												07		10			
USA, LA	278.0 AUR	Sulfy' Sulphur											03			05	02	02				08								04	03	19			
USA, LA	284.0 BT	Rundi' Baton Rouge											01			06	01	01				03					04			04	03	19			
USA, MA	279.0 CQX	Nauset' Chatham																									01								
USA, MD	317.0 CBE	Cumberland														10	00	00	06	01	00	03	04	23			02		04	07	03	03			
USA, ME	278.0 PQ	Excal' Presque Isle																									21								

Cou, S/P	QRG	ID	Name	AUS SA rw	AUS TA et	CAN AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
USA, MI	272.0	BT	Batol' Battle Creek															23	00			17													
USA, MI	278.0	ADG	Adrian							05				03			07	18	19	18	00	09	11	03	01		01		17	08	02	00			
USA, MN	272.0	GP	Galex' Grand Rapids											03			07	01	00		10		10								02	04			
USA, MN	274.0	RG	Red Wing											03	09		05	18	23				10				01			09	02	04			
USA, MN	277.0	OT	Wondd' Worthington			02								03			05	18	19		10		11			01	09					00			
USA, MN	282.0	ROS	Rush City											06			05	18	00				11				02			08	02	10			
USA, MO	281.0	DMO	Sedalia											02		05	05	18	19	10	10	07	11	04		04	10			05	03	01			
USA, MT	283.0	SCO	Scobey																								02								
USA, MT	286.0	EKS	Big Sky' Ennis			04	06	08	07				05	04	10	03	05	11								04	02					09	05	06	10
USA, NC	271.0	HXO	Huntsboro															01	00			05	03		23		00		04	03	02	04			
USA, NC	275.0	RU	Rovdy' Salisbury															01	00			04	03		01		04			03		10			
USA, NC	276.0	IS	Stals' Kinston																					04	23		04								
USA, NC	278.0	HFF	Mackall' Camp Mackall															01	01					03	23		02					09			
USA, NC	317.0	IN	Reeno' Winston Salem															11	00																
USA, NE	275.0	HIN	Whitney' Chadron				06							03	09	06	05	18	04				10			18				11		09	05	06	10
USA, NE	293.0	FBY	Fairbury														21	18	15				12			18									
USA, NE	305.0	OI	Tommi' South Sioux City																							18									
USA, NE	314.0	VTN	Valentine														07	18	01				03			18				09	03	02			
USA, NM	278.0	CEP	Capitan' Ruidoso										05	01	09	03	05	11	11				03			04					02	01			
USA, NM	305.0	RO	Topan' Roswell										05	02	10	04	06		12							05					02	19			
USA, NY	272.0	PFH	Philmont' Hudson							08																	21								
USA, NY	275.0	BBN	Babylon																								01								
USA, NY	278.0	MS	Misse' Massena																								02								
USA, NY	279.0	OZ	Kring' Oneonta															00									22								
USA, OH	278.0	HOC	Hillsboro														09	18	19			17	01	04						08	02	01			
USA, OH	299.0	HW	Cubla' Wilmington														05	18	19			17	03	04								04			
USA, OH	315.0	AT	Bruny' Dayton											03			08	01	19			17	03				01			07		09			
USA, OK	275.0	GUY	Guymon			02			08				05	01	09	03	05	18	00			06	10			18	08			03	02	10	05	06	10
USA, OR	296.0	LGD	La Grande				06	08	09						11																		05	06	11
USA, OR	305.0	ONO	Ontario				08	08	08					05	09	03	06									05							05	06	10
USA, PA	272.0	UCP	Castle' New Castle															00	00	10	00	17	00	03	01		00			07		09			
USA, SC	270.0	PYG	Pageland														10	01	00		10	09	02	03			00			14	02	04			
USA, SC	274.0	DLC	Dillon															01	01						23		00			08		10			
USA, SC	278.0	EOE	Enoree' Newberry											05			07	00	00			09	01	03	23		09		07	07	02	01			
USA, SD	302.0	HO	Beady' Huron											04			08	01	01							18						10			
USA, TN	299.0	TR	Bristol																					18											
USA, TX	272.0	LD	Lubbi' Lubbock										05	01			05														03	19			
USA, TX	272.0	RU	Garys' San Marcos																					03											
USA, TX	275.0	SWW	Sweetwater										05	01			05	11	02												02	19			
USA, TX	278.0	IL	Iresh' Killeen											04											23							19			
USA, TX	281.0	CX	Alibi' Conroe											04			05		06				03							07	02	19			
USA, TX	308.0	UTS	Huntsville										05	05			10		12											05	03	19			
USA, VA	277.0	VIT	Vinton															01	00								09								
USA, WA	284.0	FHR	Friday Harbor				06	08	05					05	09	05																		06	10
USA, WI	272.0	LS	Mindi' La Crosse															18	00																
USA, WI	272.0	RH	Arsha' Rhinelander														07	18	00				10								03	09			
USA, WV	284.0	RQY	Randolph Co' Elkins															23	00	10		07	03	03	23		01		06	07	02	10			
USA, WY	280.0	GYZ	Camp Guernsey' Guernsey			02							04	03	09	03	05	11	11				03			18				09	10	10	03		10
USA, WY	293.0	TOR	Torrington														10									18						10	03		10
VCT	302.0	CAI	Canouan Island																								04								
XUN	315.0	D5AJ7	Noble Bob Douglas																07												03	02			

COUNTRIES HEARD:

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

Cou	Cou-Name	AUS SA rw	AUS TA et	CAN AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
ALS	Alaska, AK				2	1			1			1	2	1																1	1	1	1
AUS	Australia, NW	2	4																															
AUS	Australia, QD	1	5										3																					
AUS	Australia, SA	3	3																															
AUS	Australia, TA	1	1																															
AUS	Australia, VI	1	1																															
AUS	Australia, WE	1	1																															
BRA	Brazil																								1						1			
BRU	Brunei									1																								
CAN	Canada, AB			10	10	10	7					8	9	7	8	8	4				1			2				1	3	8	3	5	11
CAN	Canada, BC			1	5	5	5		2		1	3	5	5	5	3	1							1				1	3	4	4	5	5
CAN	Canada, MB			2	1	1	1	1	1		2	5	3	3	6	8	8	3	2	3	3			4	1	1		4	4	5	1	1	2
CAN	Canada, NB																								1									
CAN	Canada, NL							2				2				3	2		1		2		1		3		3	2		2				
CAN	Canada, NT			1	1																			1										
CAN	Canada, NU			1								1			1	2	1								2					1				
CAN	Canada, ON			1				4			1	5	3	2	6	6	6	6	6	6	6	5	4	2	6	3	3	6	4	6			
CAN	Canada, QC							5			1	3	2	1	2	7	6	3	5	5	3	4	4	1	6	3	5	3	5	6			
CAN	Canada, SK			3	3	3	3		1		1	3	3	2	4	4	3	1		2	2			4				2	2	3	1	1	3
CAN	Canada, YT				1																													
CLM	Colombia											1			1	1	1	1	1	1	1	1			1		1	1	1	1				
CPV	Cape Verde																								1									
CUB	Cuba															3	3								3				1	3				
EQA	Ecuador															1													1	1				
FJI	Fiji		1										1																					
GAL	Galapagos												1		1	1	1												1	1				

Cou	Cou-Name	AUS SA rw	AUS TA et	CAN AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
GRL	Greenland															1									2								
MHL	Marshall Islands		1										1																				
MLA	Malaysia									1																							
NCL	New Caledonia		1																														
NZL	New Zealand		4																														
SMO	Samoa, Western								1																								
THA	Thailand									7																							
USA	USA, AR											2			2	2	2			2	2			2	1			2	2	2			
USA	USA, GA											2			2	2	2	1	1	1	2	2	1	1	2		1	2		2			
USA	USA, IL											1			2	3	3			2	3	1		1	1			3	1	3			
USA	USA, KS											1			1	1	1			1	1			1					1	1			
USA	USA, KY											1			1	2	2		1	1	1	1			1			2	1	2			
USA	USA, LA											2			2	2	2				2				1			2	2	2			
USA	USA, MA																								1								
USA	USA, MD														1	1	1	1	1	1	1	1	1		1		1	1	1	1			
USA	USA, ME																								1								
USA	USA, MI							1				1			1	2	2	1	1	2	1	1	1		1		1	1	1	1			
USA	USA, MN			1								4	1		4	4	4		2		4			1	3			2	3	4			
USA	USA, MO											1		1	1	1	1	1	1	1	1	1		1	1			1	1	1			
USA	USA, MT			1	1	1	1				1	1	1	1	1	1								1	2					1	1	1	1
USA	USA, NC															4	4			2	2	2	4		4		1	2	1	3			
USA	USA, NE				1							1	1	1	3	3	3				3			4				2	1	2	1	1	1
USA	USA, NM										2	2	2	2	2	1	2				1			2					2	2			
USA	USA, NY							1								1									4								
USA	USA, OH											1			3	3	3			3	3	2			1			2	1	3			
USA	USA, OK			1			1				1	1	1	1	1	1	1			1	1			1	1			1	1	1	1	1	1
USA	USA, OR				2	2	2					1	2	1	1									1							2	2	2
USA	USA, PA															1	1	1	1	1	1	1	1		1			1		1			
USA	USA, SC											1			2	3	3		1	2	2	2	2		3		1	3	2	3			
USA	USA, SD											1			1	1	1							1						1			
USA	USA, TN																					1											
USA	USA, TX										3	5			4	1	3				1	1	1					2	4	5			
USA	USA, VA															1	1								1								
USA	USA, WA				1	1	1					1	1	1																		1	1
USA	USA, WI														1	2	2				1								1	1			
USA	USA, WV															1	1	1		1	1	1	1		1		1	1	1	1			
USA	USA, WY			1							1	1	1	1	2	1	1				1			2				1	1	2	2		2
VCT	St Vincent																								1								
XUN	UNID (N.America?)																1												1	1			

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 AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
00:00 - 00:59															16	28	2	8	3	1		6		5	5				3			
01:00 - 01:59											5				23	12		4		4		7	1	10					9			
02:00 - 02:59	5		13	3							10				12	4		1		1				8	1			29	8			
03:00 - 03:59				4			7				21		13	2				1		19	14			1		2	5	19	4	2		1
04:00 - 04:59			10	2			2			1	11		6	1		7			4		10		6	7	1	8	3		11			
05:00 - 05:59				3		3	3			10	13		7	32		1			1		2		8	1			3			9		
06:00 - 06:59				8		5	1			3	3		4	10		1	4		3				2			4	1			4	15	
07:00 - 07:59				3		7		4				1		14		2	2		5				3			1	14				1	
08:00 - 08:59				4	18	2	1							2						3			5	1			10				3	
09:00 - 09:59		5		1	4	3			1			29		4					7					11			7		18			
10:00 - 10:59		8				1						9		5			6	10	6	10				3		2	1	6	25			13
11:00 - 11:59		4										2			11	7	2		2	14							4		2			13
12:00 - 12:59		2			1				7			1		1	1	2				1										2		
13:00 - 13:59		1			1			1				1																				
14:00 - 14:59																											2					
15:00 - 15:59	1								1							1																
16:00 - 16:59		1						1																								
17:00 - 17:59																			7							1						
18:00 - 18:59															22		4				1		9									
19:00 - 19:59	3	1														11													9			2
20:00 - 20:59																																
21:00 - 21:59														1		1								9								1
22:00 - 22:59																1								4								
23:00 - 23:59															8	5						8					1					
UTC (hh)	AUS SA rw	AUS TA et	CAN AB d5	CAN BC bt	CAN BC co	CAN BC tc	CAN QC ky	HWA mx	THA g6	USA AZ bc	USA AZ sr	USA CA c9	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA MI ct	USA MI jb	USA MI l9	USA MO dp	USA NC da	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA TN ba	USA TX ch	USA TX du	USA UT mu	USA WA so	USA WA rt
NDBs	9	22	23	28	24	21	14	6	9	14	63	43	30	72	93	83	20	24	38	53	27	21	34	60	7	18	51	54	89	17	19	30

NDB COUNTS, BY FREQUENCY:

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

		AUS SA	AUS TA	CAN AB	CAN BC	CAN BC	CAN BC	CAN QC	HWA	THA	USA AZ	USA AZ	USA CA	USA CA	USA CO	USA IL	USA IL	USA MI	USA MI	USA MI	USA MO	USA NC	USA NC	USA NE	USA NH	USA NJ	USA NJ	USA TN	USA TX	USA TX	USA UT	USA WA	USA WA	

NDBs	QRG	rw	et	d5	bt	co	tc	ky	mx	g6	bc	sr	c9	pa	ac	dt	fy	ct	jb	l9	dp	da	ws	dn	jc	ge	rs	ba	ch	du	mu	so	rt	NDBs
3	270.0								1						1	2	1		1	1	1	1			2		1	1	1	1				3
1	271.0															1	1			1	1		1		1		1	1	1	1				1
16	272.0	1	2	2	1	2	2	3	1		1	6	3	2	8	11	10	2	4	6	7	5	3		5	1	2	5	8	10	2	2	2	16
1	273.0											1			1	1	1		1	1	1	1			1			1	1	1				1
6	274.0		1	2								2	2		2	3	3	1	1	1	2		1		4			3	1	3				6
9	275.0			1	1		1	1			2	4	2	2	4	7	7		1	3	4		1	2	4		1	5	3	7	2	2	2	9
6	276.0		1	1	1	1		1			1	2	2		2	3	3	1	1	1	1	2	2	1	2	1	1	1	3	2			1	6
4	277.0			1						1		1			1	3	2		1		1			1	3					1				4
14	278.0		2					2			2	6	3	2	6	7	7	2	2	4	6	5	5	3	7	1	3	4	7	9				14
3	279.0															1									3									3
5	280.0			1				1			1	3	1	1	3	5	4	1	2	1	3	1	2	1	2		2	3	2	4	1		1	5
4	281.0				1			1				3	1	1	2	2	3	1	1	1	3	1		1	2		1	3	2	3				4
2	282.0									1		1			1	1	1				1				1			1	1	1				2
4	283.0				1	1			1	1		2	1	1	1	1	1	1	1	1	1	1	1	1	2		1	1	1	2	1	1	1	4
6	284.0			1	3	2	2		1		1	4	2	2	3	4	4	2	1	2	3	1	1	1	3		1	3	3	4	1	2	2	6
3	285.0															1									1					1				3
1	286.0			1	1	1	1				1	1	1	1	1	1								1	1					1	1	1	1	1
7	287.0	1	2	1	2	1	1					2		2	3	4	2							3	1			1	1	3		1	1	7
1	289.0							1				1			1	1	1	1	1	1	1	1	1		1	1	1	1	1	1				1
4	290.0			2	2	2	2		1		1	3	2	2	3	3	3			2	2			3	1			3	3	3	1	1	2	4
1	291.0															1	1								1					1				1
2	292.0			1	1	1	1			1		1	1		1	1														1			1	2
8	293.0	2	2		1	1	1			1		1	1	1	3	2	1				1			3						2	2	1	2	8
1	295.0			1	1	1							1	1		1																1	1	1
2	296.0				1	1	1						1			1	1														1	1	1	2
1	298.0															1									1									1
5	299.0	1	1	1	1	1	1			1		1	1	1	2	2	2			1	2	2		1				1		2	1	1	1	5
5	300.0			1				1				2	3	1	3	5	5	2	1	2	2	1		1	2	1		1	1	4				5
6	302.0	1	2	1	2	2	2					2	2	1	3	2	2							2	1					2		1	2	6
2	304.0			1	1	1	1						1	1											1								1	2
7	305.0	1	2		2	2	2	1			2	4	4	4	4	1	2	1	1	1	1			4	1			1	2	3	1	1	3	7
2	307.0		1	1	1	1							1																				1	2
3	308.0		1	1	1	1					1	2	2	1	2	1	1											1	1	2			1	3
1	309.0											1			1	1	1	1	1	1	1	1			1		1	1	1	1				1
1	310.0		1																															1
5	311.0	2	2	1	1		1					2	1	1	2	3	3			1	1			2				2	2	3	1	1	1	5
1	312.0				1	1	1					1	1	1	1														1	1	1	1	1	1
3	314.0		1									1			2	2	2			1	2			2				1	2	2				3
2	315.0											1			1	1	2			1	1				1			1	1	2				2
4	316.0		1							2		1	1		1	1	1				1	1			1			1		1				4
5	317.0			1	1	1	1	2	1		1	1	2	1	3	5	5	4	3	4	3	3	3	1	3	2	2	4	4	4	1	1	1	5
1	318.0									1																								1
		AUS SA	AUS TA	CAN AB	CAN BC	CAN BC	CAN BC	CAN QC	HWA	THA	USA AZ	USA AZ	USA CA	USA CA	USA CO	USA IL	USA IL	USA MI	USA MI	USA MI	USA MO	USA NC	USA NC	USA NE	USA NH	USA NJ	USA NJ	USA TN	USA TX	USA TX	USA UT	USA WA	USA WA	
NDBs	QRG	rw	et	d5	bt	co	tc	ky	mx	g6	bc	sr	c9	pa	ac	dt	fy	ct	jb	l9	dp	da	ws	dn	jc	ge	rs	ba	ch	du	mu	so	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	SP	ITU	Rptr	UTC
275.0	RF	Gilmy' Rockford	IL	USA	ba	0754
284.0	YOC	Old Crow	YT	CAN	bt	0541
276.0	YHR	Chevery	QC	CAN	ch	1022
274.0	FR	Fort Resolution	NT	CAN	d5	0225
290.0	YYH	Taloyoak	NU	CAN	d5	0237
299.0	TR	Bristol	TN	USA	da	1838
272.0	RU	Garys' San Marcos	TX	USA	da	0329
278.0	GPQ	Carrollton	GA	USA	dn	0618
293.0	UI	Quincy	IL	USA	dn	0611
305.0	OI	Tommi' South Sioux City	NE	USA	dn	1817
285.0	UHA	Quaqtaq	QC	CAN	dt	0002
285.0	CUA	Curauri		BRA	du	0934
272.0	LHI	Lord Howe Island	NW	AUS	et	1133
293.0	COM	Cooma	NW	AUS	et	0900
302.0	BUD	Bundaberg	QD	AUS	et	1054
287.0	KG	Kalgoorlie	WE	AUS	et	1202
274.0	GB	Great Barrier Island		NZL	et	1622
278.0	WS	Westport		NZL	et	1005
305.0	KQ	Kone		NCL	et	1359
310.0	HK	Hokitika		NZL	et	0904
314.0	RD	Miranda		NZL	et	1009
277.0	CT	Chiang Rai		THA	g6	1252
282.0	PK	Pekan		MLA	g6	1206
283.0	PH	Phetchabun		THA	g6	1205
292.0	THS	Sukhothai		THA	g6	1232
293.0	BK	Bangkok		THA	g6	0947
299.0	KB	Kroby		THA	g6	1508
316.0	MS	Mae Sot		THA	g6	1222
316.0	SM	Samui		THA	g6	1220
318.0	BR	Brunei		BRU	g6	1226
279.0	CQX	Nauset' Chatham	MA	USA	jc	0107
278.0	PQ	Excal' Presque Isle	ME	USA	jc	2157
283.0	SCO	Scobey	MT	USA	jc	0221

304.0	ZQM	Riverview (Moncton)	NB	CAN	jc	2211
275.0	BBN	Babylon	NY	USA	jc	0135
278.0	MS	Misse' Massena	NY	USA	jc	0231
274.0	SAL	Sal Island / Amilcar Cabral		CPV	jc	0410
279.0	SI	Simiutaq (Kitaa)		GRL	jc	0924
285.0	DOU	Dourados (MS)		BRA	jc	0908
302.0	CAI	Canouan Island		VCT	jc	0445
270.0	FA	Apia (Upolu Island)		SMO	mx	1616
293.0	CUN	Cunderdin	WE	AUS	rw	1919

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE212 - 270 - 319,9 kHz - 28.10.2016 - 31.10.2016
NOW CLE229 - 270 - 319,9 kHz - 23.02.2018 - 26.02.2018

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
CAN, BC bt	791	1179	9	33	11	28	1137	2479
HWA mx	4070	4798	20	29	5	6	4418	5950
USA, AZ sr	2489	2343	105	148	42	63	8241	5013
USA, CA c9	2535	3122	89	134	35	43	8742	11387
USA, CA pa	2548	1986	94	60	37	30	7830	3943
USA, CO ac	1424	1583	64	114	45	72	4966	4954
USA, IL dt	1241	1480	103	138	83	93	4765	5049
USA, IL fy	1124	1284	82	107	73	83	4700	4728
USA, MI jb	488	1062	4	25	8	24	1506	4439
USA, MO dp	1174	1160	86	61	73	53	4371	4230
USA, NE dn	2599	1114	52	38	20	34	7231	3078
USA, NH jc	995	1580	31	95	31	60	4558	7466
USA, NJ ge	704	971	13	7	19	7	1631	2143
USA, NJ rs	970	1167	11	21	11	18	1943	4054
USA, TX ch	2090	2120	105	114	50	54	4613	4369
USA, TX du	1798	1894	156	169	87	89	7420	5993
USA, WA rt	718	1034	11	31	16	30	1629	3134
USA, WA so	676	955	7	18	11	19	1651	3150
Averages:	1580	1713	58	75	37	45	4520	4753
% Increase:		8		29		23		5

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		863		8		9		2031
AUS, TA et		2103		46		22		6038
CAN, AB d5		749		17		23		2084
CAN, BC co		860		21		24		2993
CAN, BC tc		758		16		21		2167
CAN, QC ky		710		10		14		2008
THA g6		659		6		9		1856
USA, AZ bc		1765		25		14		3355
USA, MI ct		1089		22		20		4471
USA, MI l9		978		37		38		4460
USA, NC da		880		24		27		3720
USA, NC ws		836		18		21		2442
USA, TN ba		1340		68		51		3787
USA, UT mu		1219		21		17		4223
Averages:		1058		24		22		3260
% 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.

CLE229_Results_RoW.xls
je - 28.02.2018