NDB LIST CLE No. 250 350 - 369.9 kHz 22.11.2019 - 25.11.2019

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
CAN, BC	co	Dan Collier, Vancouver - while at Univ. ARC
CAN, BC	jb	Joe Miller, via Kiwi-SDR at 'Oak Bay, BC', CAN, BC (rBCob / CN88ik)
CAN, BC	ke	Ken Betenia, Cranbrook BC
CAN, BC	sm	Steve McDonald, Mayne Island
CAN, BC	t7	Tom Brent, While at Texada Island, BC CN79sp
CAN, NS	vm	Vernon Matheson, Truro
CAN, ON	sn	Shaun Boland, Hamilton
CAN, QC	ky	Richard Katezansky, Main, Montreal
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
THA	ka	Ken Alexander, So Phisal, Bueng Kan
USA, AZ	bc	Bob Coomler, Tucson
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	ir	Iden Rogers, Nr Grass Valley, 50 mi NNE of Sacramento
USA, CA	od	Frank O'Donnell, South Pasadena
USA, CO	ac	Anthony Casorso, Westminster
USA, FL	wf	Bill Schaffner, Naples
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, MO	dp	Dick Palmer, Wentzville
USA, MT	sf	Steve Flood, Turah
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, OH	ra	Rod Hranko, Powhatan Pt., East Ohio
USA, OR	de	Dan Petersen (WA), via Kiwi-SDR at 'Newport, OR', USA, OR (rORnp / CN74xp)
USA, TX	ch	Chuck Dobbins, Alpine
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA, TX	ju	Joe Jurecka, Lubbock
USA, UT	mu	Mark Moulding, Ogden, Northern UT
USA, WA	rt	Tom Rothlisberger, Brier
USA, WA	so	Steven O'Kelley, The Dungeon, Nr Seattle
USA, WI	zi	Steve Zimmerman, Milwaukie

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 us 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	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
ALS, AK	350.0	VTR	"Takotna River" McGrath		08			09	09				07				11															06		08			10	04	
ALS, AK	355.0	AUB	"Saldo" King Salmon					09	09								11																				09	14	
ALS, AK	356.0	HHM	"Hotham" Kotzebue										10																										
ALS, AK	358.0	SIT	Sitka		04			01	06								11								12							05					09	02	
ALS, AK	359.0	ANI	Aniak					11																													09	06	
ATG	369.0	ZDX	Coolidge Saint Johns				09	05	06	04	05	05			05	02				01		00	00	03		23	04	03			08		02	03	07				23
AUS, NN	356.0	TN	Tindal	12																																			
AUS, NW	365.0	WLM	Williamtown	13																																			
AUS, QD	353.0	LRE	Longreach	12																																			
AUS, QD	359.0	AMB	Amberley	12																																			
AUS, QD	364.0	CS	Cairns	13																																			
AUS, WE	359.0	GEL	Geraldton	14																																			
AZR	351.0	PD	Ponta Delgada							03																													
AZR	360.0	HT	Horta / Faial Island							03																													
BOL	350.0	LPZ	La Paz							06																													
BRA	355.0	URC	Coari							06																													

BRA	360.0	JAC	Jacare-a-Canga (PA)							06																														
BRA	360.0	STG	Tome							04																														
CAN, AB	361.0	E3	Wabasca		11			06	08																13								04				11	02	
CAN, AB	362.0	6T	Foremost		04		06	01	06							03	11	04		01					12		06					05	02	08	07	02	11	00	
CAN, BC	350.0	NY	Enderby		03	04	08	03	05	06	05		11		03	00	11	02	04	01	02	23	00	03	12		03	10		06	08	05	02	03	07	01	11	22	
CAN, BC	356.0	ON	"Okanagan" Penticton		03	04	08	05	06						13	04	11	04	06						12							05	04			03	11	22	
CAN, BC	359.0	YAZ	Tofino		03	04	08	06	06				10		03	01	11	03	05	02		11	06		03							05	03	03	07	05	07	22	
CAN, BC	359.0	YQZ	Quesnel		03	04	08	06	06				07		03	01	11	03	05	01		11	05	07	12		03	10			08	05	03	02	07	02	11	22	07
CAN, BC	368.0	SX	Skookum (Cranbrook)		04	04	09	07	06	07	06				05	02	12	05	05	01		02	03	03	13		03	01			08		02	03	07	01	09	22	
CAN, BC	368.0	ZP	Sandspit		04	04	09	01	06		08		07		04	01	12	03	05	02		02	05	03	13		03				08	05	04	03	07	01	09	22	
CAN, MB	353.0	PG	Portage		04		07	05	07	07	08				04	02	11		05	01		00	22	02	04		22						02	03	08	02	11	04	02
CAN, MB	367.0	R5	Pukatawagan																														03						
CAN, NB	363.0	1F	"Manta" Bathurst							04	05	05										01	05					03											
CAN, NB	366.0	ZMN	Lewisville (Moncton)							04											01																		
CAN, NL	356.0	AY	St Anthony							04	02	01				04				04		00	00			01	04	03		01	08		04	03	07				07
CAN, NL	358.0	NL	Signal Hill (Saint John"s)							04												01	04					03											
CAN, NS	364.0	ZHZ	"Split Crow" Halifax							04	06											01	05			22		03		05	08		04	02					
CAN, NT	356.0	ZF	Yellowknife		03	13	08	05	06							00	11		10	04		00	05		04		04						04	03	07		11	02	
CAN, NU	350.0	RB	Resolute Bay					08		05	06					04				09		01	04				06	10			08		04						07
CAN, NU	362.0	YZS	Coral Harbour						13	05	07											01	05										03	01					
CAN, NU	365.0	YGZ	Grise Fiord					07	09		07											01	05	07							08		04	07		05			
CAN, ON	350.0	D7	Kincardine							03	22					05						00	02	10			02	09			08		12						07
CAN, ON	353.0	QG	Saint Clair Beach (Windsor)				09	06		04	08	01			05	02				01		18	18	04		01	03	03	02	04	20		04	03	07		07		18
CAN, ON	355.0	YWP	Webequie				09	05		04	08	05			04	01				01		00	18	03		23	22	09		10	08		03	03	07	08	09		02
CAN, ON	362.0	SB	Sudbury					06		04	22	01			03	00			05	01	03	18	18	02		21	03	03	02	22	23		02	01	07		11	04	19
CAN, ON	368.0	ZYZ	Toronto (The Queensway)							04	06	05				02				02		00	21	03		01	01	04	01	05	08		04	03	07				22
CAN, QC	351.0	YKQ	Waskaganish																														03						
CAN, QC	356.0	YBG	Bagotville							04	08	05										00	04					03			08								
CAN, QC	358.0	YKG	Kangiqsujuaq																															08					
CAN, QC	360.0	PN	Port-Menier / Ile Anticosti					08		04	07	01			03	01				01	02	00	21	02		21	03	04		22	08		02	02	07				03
CAN, QC	362.0	SC	Sherbrooke							04	22	01				04				06		00	00	05		23		03			08		03	03	06				
CAN, QC	366.0	YMW	Maniwaki		04		06	01	06	04	22	01			04	00	12	03	05	01	02	18	18	02	03	21	03	03	01	22	08		02	03	07	03	09	03	17
CAN, SK	356.0	ZXE	Barnes (Saskatoon)		09		07	06			06					00	11			01		18	05		04		03						04	03	07	08	04	04	06
CAN, SK	368.0	VX	Dafoe		04		09	06		07	06				05	01			05	01		00	03	03	03		03				08		03	07	07		08	03	05
CAN, YT	353.0	ZXY	Klondike (Whitehorse)					14	09																												09		
CAN, YT	365.0	MA	Mayo		08			07	06							03	12															13	04				09	04	
CHL	355.0	SNO	Santo Domingo																															04					
CHN	359.0	ZS	Yanzhuang											22																									
CKS	352.0	RG	Nikau (Rarotonga Island)						10				11			13																							
EQA	365.0	PAL	Palma					09			08	07			03	01			05	04	00	02	06	03			04	02			08		04	01	07			05	
FRA	359.0	LOR	Lorient / Lann Bihoue							06																													
FRA	361.0	NB	Bordeaux / Merignac							02																													
FRA	369.0	GL	Nantes / Atlantique							02																													
FSM	366.0	PNI	Pohnpei					14	10				11																										
GRL	359.0	NA	Narsarsuaq (Kitaa)							04																													
GRL	367.0	JV	Ilulissat (Jakobshavn) (Kitaa)							03																													
HWA, HI	353.0	LLD	Lanai		08	13		15	06				07		13	04	11	05	04	05		12			12		09					05	11	08		08	11	04	
IND	360.0	AT	Agatti											19																									
INS	365.0	CA	Cirebon											19																									
IRL	361.0	CFN	Donegal / Carrickfin							02																													
IRL	368.0	WTD	Waterford							02																													
SCT	355.0	PIK	Prestwick							02																													
SWE	351.0	OV	Visby							02																													
THA	350.0	TL	Takhli											23																									
USA, AL	352.0	BVG	"Boll Weevil" Enterprise								07					04				04		01	23	06		00	06				08			09					
USA, AL	362.0	TC	"Tuske" Tuscaloosa													03						00	03	04									02	02	07				
USA, AR	352.0	VM	"Meana", Mena Intermountain Municipal					05		07	07				04	02				01		01	00	02			03	10	01		08		10	23	08				02
USA, AR	353.0	LI	"Lasky" Little Rock				08	09		06	07				03	00			06	01	00	00	23	03		02	04	03	01		08		02	23	08				02
USA, FL	360.0	PI	"Capok" St Petersburg / Clearwater							05											00	01	04								08			02					
USA, GA	353.0	VV	"Junne" Greensboro							09	07										02	00	02	00		01	06	03	04	01	08		04	03					05
USA, GA	355.0	CS	"Fenix" Columbus								06											00	05	04		00		03	01		08			03					
USA, GA	359.0	LYZ	"Willis" Bainbridge							06	07					04				04		02	06	03		10				05	08			01	06				03
USA, GA	362.0	SUR	Fitzgerald							07	07					03				04	00	00	03	04		01		03			08		02	03	06				07
USA, GA	365.0	FKV	"Flowery Branch" Gainesville							07	08	06								04	03	00	00	02		01		03			23			03	07				
USA, GA	366.0	EZM	Eastman							06	05					03				09	00	00	03	02		00		10			08			03	07				
USA, IA	366.0	EOK	Keokuk				09	04		04	06				03	02				01		18	18	18	03		03	10			08		02	03	07			04	17
USA, IL	350.0	CP	"Acore" Cahokia / St Louis					04		04	05					03				01		18	18	18	04		04	10			08		03	03	08				19
USA, IL	356.0	PI	"Tungg" Peoria							06	08	05			03	02				01		18	18	18		11	03		01	09	08		02	01	07				18
USA, IL	365.0	SYZ	Shelbyville							04	09					02				01		18	18	18	03		03		01		08			03	07				17
USA, IN	365.0	JN	"Balll" Muncie							06	09					04				02		18	18	03		01	03	10		05	08		02	03	07				17
USA, KS	365.0	HQG	Hugoton				08	01	07	03	07				03	00	12	03	05	01		01	03	02	13	10	18				08	06	03	02	07	04	07	03	
USA, KY	368.0	EU	"Murey" Murray													04				02		00	00	02		11	02	10			08			03	07				
USA, LA	353.0	GVB	"Bogalusa" George R Carr Mem. Airfield								07					04				06		11	03	03			06				08		02	23	11				
USA, LA	368.0	ROQ	Ruston				09	04			05				04	02				01		02	05	02	03	11	03	10			08		11	03	07				02
USA, ME	356.0	SUH	"Sprucehead" Rockland							04	02	05																03			08								
USA, ME	366.0	AU	"Dunns" Augusta							04																		10											
USA, MI	359.0	GYG	Grayling					07		04	08									02		00	18	03			03	09			08		03	01	07				17
USA, MI	365.0	TV	"Gwenn" Traverse City								08	06								02		18	00	07				03			08								17

Cou, S/P	QRG	ID	Name	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
USA, MN	350.0	CBG	Cambridge					06			06					03				01		23	00	06			08						10	03	11				
USA, MN	353.0	IN	"Raize" International Falls		03		06	06	05	04	08	05			03	00	11	02	06	01		18	21	03	12		22	04		09	08		11	03	07	01	10	02	02
USA, MN	356.0	AQP	Appleton				09	07								02				01		18	02	03			03				08		10	01	07		09		
USA, MN	359.0	LXL	Little Falls				06	08			05					02				01		00	02	03			03				08		02	01	07			03	07
USA, MN	360.0	SW	"Roadd" Warroad				09	06			09					03				02		00	01	04			03				08		02	02	07		08	03	03
USA, MN	365.0	AA	"Kenie" Fargo		04		09	01	06	04	06	05			03	00	12	06	05	01		18	23	02	13		18	03			08		02	03	07	02	07	02	22
USA, MN	368.0	PNM	Princeton				09	06			06					05				01		01	00	02			03	10			08		12	02	07			04	06
USA, MS	360.0	GP	"Bayou" Gulfport																				03											02					
USA, MS	365.0	JA	"Allen" Jackson																			01	04	04										02					
USA, MT	362.0	RPX	Round Up		03		08	07	06	04	04		11		03	00	11	03	05	01		00	23	02	12		03				08	05	03	02	07	01	11	00	07
USA, NC	359.0	RSY	"Robeson" Lumberton							00												01				21					08								
USA, NC	361.0	HB	"Himun" Burlington							07	05					03				02		02	00	03		21		03			08		04	01	07				07
USA, NC	362.0	EW	"Katfi" New Bern							06																21		03											
USA, ND	353.0	DI	"Noson" Dickinson				09	09	09						05	00				01		01	04		04		03				04		11	03	08		09	04	
USA, NE	356.0	ODX	Ord				08	06			02				03	00		04	05	01		18	00	03	04		18				08		02	08	07	01	11	04	07
USA, NE	359.0	GGF	Grant					05	06						03	00	12		05	01		00	04	03	04		18						02	03	07	04	10	04	
USA, NJ	363.0	RNB	"Rainbow" Millville				09	06		04	08	01			03	01		04		02	00	00	21	02	03	01	03	03	01	19	08		02	03	07		10	04	03
USA, NM	351.0	AE	"Dudle" Albuquerque					03							03	00			04	01		11	05	10	04		03						11	23	07		10	05	
USA, NY	356.0	HEU	"Hunter" Schenectady							04	08	05										00	03			11		03	01		08		03						
USA, NY	359.0	MS	"Monga" Monticello							06	04																	03			23								
USA, NY	366.0	IS	"Lokks" Islip																									10			08								
USA, OH	362.0	AK	Akron							04	08					04				04		00	00	02		01	04	03			20		03	03	07				07
USA, OK	350.0	RG	"Gally" Oklahoma City		03		08	03	05	08	05				03	00	12	03	04	01	02	23	21	02	12	11	18	09			08	06	02	23	07	08	07	02	07
USA, OR	356.0	MEF	Medford		03		06	06	06							02	11	02	05						12						04	05	11			08	07	02	
USA, OR	356.0	PND	"Abate" Portland		03		09	06	06							04	11	03							12							05					07	00	
USA, SC	362.0	CA	"Murry" Columbia							06	07											11	03	07		01		03			08			03					
USA, SC	365.0	DYB	"Dorchester Co" Summerville								06											01	06	05		11		03			08			12					
USA, TX	350.0	LF	"Flufy" Lufkin												04	01				04			03	04			06						11	23	06				
USA, TX	353.0	AB	"Tomhi" Abilene					04							03	02				04		11		10			06						11	23	07				
USA, TX	356.0	SJ	"Woole" San Angelo												03	01				04							03						03	01	07				
USA, TX	359.0	HHH	Devine																															02					
USA, TX	359.0	SDR	Snyder				09	07	06	04	07				03	00			05	01		02	00	03	03		08				04		02	02	07	04	10	03	
USA, TX	365.0	FT	"Mufin" Fort Worth					09		07					14	00				01		12	02	02			03						03	02	07				
USA, TX	368.0	AN	"Alamo" San Antonio					08							05	00			06	01	04	02		07			03	10					02	03	07			05	
USA, VA	351.0	MSQ	Culpeper							04	22					04				04		00	02	04		02		03		19	08		04	23	07				07
USA, VA	367.0	FVX	Farmville							04	05	05				03				02	01	23	00	02		21	03	03	01	22	23		04	03	07				06
USA, WA	353.0	AL	"Trina" Walla Walla				09	09	06							04	11	03							12							13				05	11	00	
USA, WA	365.0	DPY	Deer Park		04		08	01	06							03	12	03		01					12							05	11			03	11	22	
USA, WI	356.0	GR	"Famis" Green Bay								08									04		18	18	03		00	03				08			03	07				18
USA, WI	362.0	MT	Manitowac							07	09	05				03				01		18	18	04			03							02	07				17
USA, WI	368.0	VIQ	Neillsville					07			06					04				01		18	18	02			03	10			08		12	07	07			05	17
VOI	360.0	OX	Iwo Jima					14	07				11			12																					12	15	
XUA	354.0	D35	UNID											22																									
XUA	360.0	G	UNID											22																									
XUA	360.0	R	UNID											18																									
XUA	360.0	SX	UNID											18																									

COUNTRIES HEARD:

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

Cou	Cou-Name	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
ALS	Alaska, AK		2			4	3				2				3								1							2		1			4	4	
ATG	Antigua & Barbuda				1	1	1	1	1	1			1	1				1		1	1	1		1	1	1			1		1	1	1				1
AUS	Australia, NN	1																																			
AUS	Australia, NW	1																																			
AUS	Australia, QD	3																																			
AUS	Australia, WE	1																																			
AZR	Azores							2																													
BOL	Bolivia							1																													
BRA	Brazil							3																													
CAN	Canada, AB		2		1	2	2							1	1	1		1					2		1					1	2	1	1	1	2	2	
CAN	Canada, BC		6	6	6	6	6	2	3		4		6	6	6	6	6	5	1	5	5	4	6		4	3		1	4	5	6	5	5	6	6	6	1
CAN	Canada, MB		1		1	1	1	1	1				1	1	1		1	1		1	1	1	1		1						2	1	1	1	1	1	1
CAN	Canada, NB							2	1	1									1	1	1					1											
CAN	Canada, NL							2	1	1				1				1		2	2			1	1	2		1	1		1	1	1				1
CAN	Canada, NS							1	1											1	1			1		1		1	1		1	1					
CAN	Canada, NT		1	1	1	1	1							1	1		1	1		1	1		1		1						1	1	1		1	1	
CAN	Canada, NU					2	2	2	3					1				1		3	3	1			1	1			2		3	2		1			1
CAN	Canada, ON				2	3		5	5	4			3	5			1	4	1	5	5	5		4	5	5	3	4	5		5	4	4	1	3	1	5
CAN	Canada, QC		1		1	2	1	4	4	4			2	3	1	1	1	3	2	4	4	3	1	3	2	4	1	2	4		4	4	3	1	1	1	2
CAN	Canada, SK		2		2	2		1	2				1	2	1		1	2		2	2	1	2		2				1		2	2	2	1	2	2	2

Cou	Cou-Name	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
CAN	Canada, YT		1			2	2							1	1															1	1				2	1	
CHL	Chile																															1					
CHN	China											1																									
CKS	Cook Islands (Southern)						1				1			1																							
EQA	Ecuador					1			1	1			1	1			1	1	1	1	1	1			1	1			1		1	1	1			1	
FRA	France							3																													
FSM	Micronesia					1	1				1																										
GRL	Greenland							2																													
HWA	Hawaii, HI		1	1		1	1				1		1	1	1	1	1	1		1			1		1					1	1	1		1	1	1	
IND	India											1																									
INS	Indonesia											1																									
IRL	Ireland							2																													
SCT	Scotland							1																													
SWE	Sweden							1																													
THA	Thailand											1																									
USA	USA, AL								1					2						1	2	2	2		1	1				1		1	2	1				
USA	USA, AR				1	2		2	2				2	2			1	2	1	2	2	2		1	2	2	2		2		2	2	2				2
USA	USA, FL							1											1	1	1								1			1					
USA	USA, GA							5	6	1				3				4	4	6	6	6		6	1	5	2	2	6		2	6	4				3
USA	USA, IA				1	1		1	1				1	1				1		1	1	1	1		1	1			1		1	1	1			1	1
USA	USA, IL					1		3	3	1			1	3				3		3	3	3	2	1	3	1	2	1	3		2	3	3				3
USA	USA, IN							1	1					1				1		1	1	1		1	1	1		1	1		1	1	1				1
USA	USA, KS				1	1	1	1	1				1	1	1	1	1	1		1	1	1	1	1	1				1	1	1	1	1	1	1	1	
USA	USA, KY													1				1		1	1	1		1	1	1			1			1	1				
USA	USA, LA				1	1			2				1	2				2		2	2	2	1	1	2	1			2		2	2	2				1
USA	USA, ME							2	1	1																2			1								
USA	USA, MI					1		1	2	1								2		2	2	2			1	2			2		1	1	1				2
USA	USA, MN		2		6	7	2	2	6	2			2	7	2	2	2	7		7	7	7	2		7	3		1	6		7	7	7	2	4	5	5
USA	USA, MS																			1	2	1										2					
USA	USA, MT		1		1	1	1	1	1		1		1	1	1	1	1	1		1	1	1	1		1				1	1	1	1	1	1	1	1	1
USA	USA, NC							3	1					1				1		2	1	1		3		2			2		1	1	1				1
USA	USA, ND				1	1	1						1	1				1		1	1		1		1				1		1	1	1		1	1	
USA	USA, NE				1	2	1		1				2	2	1	2	2	2		2	2	2	2		2				1		2	2	2	2	2	2	1
USA	USA, NJ				1	1		1	1	1			1	1		1		1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1
USA	USA, NM					1							1	1			1	1		1	1	1	1		1						1	1	1		1	1	
USA	USA, NY							2	2	1										1	1			1		3	1		3		1						
USA	USA, OH							1	1					1				1		1	1	1		1	1	1			1		1	1	1				1
USA	USA, OK		1		1	1	1	1	1				1	1	1	1	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	2							2	2	2	1						2						1	2	1			1	2	2	
USA	USA, SC							1	2											2	2	2		2		2			2			2					
USA	USA, TX				1	4	1	2	1				6	6			2	6	1	4	3	5	1		6	1			1		6	7	6	1	1	2	
USA	USA, VA							2	2	1				2				2	1	2	2	2		2	1	2	1	2	2		2	2	2				2
USA	USA, WA		1		2	2	2							2	2	2		1					2							2	1			2	2	2	
USA	USA, WI					1		1	3	1				2				3		3	3	3		1	3	1			2		1	3	3			1	3
VOI	Volcano Islands / Iwo Jima (JPN)					1	1				1			1																					1	1	
XUA	UNID (Asia?)											4																									

LISTENING TIMES:

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

UTC (hh)	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
00:00 - 00:59							1						18					6	28	15	1		4												4	
01:00 - 01:59					7				7				10				39	2	15	1			10	1	1	10	2				10		6			
02:00 - 02:59							6	3					14		3		11	5	8	6	19		2	2	1	2				24	15		4		7	6
03:00 - 03:59		10			3		5					21	12		10			2		11	21	8		32	28					16	36		3		6	4
04:00 - 04:59		9	6		4		31	2				7	15		5	4	13	1		7	9	8		7	3	1	1	3		17	1		3	1	12	
05:00 - 05:59					7	3	3	10	12			6	2		2	16	1			11	2						4		12				3		4	2
06:00 - 06:59				5	15	20	13	13	2						1	4	2			4	2			7			1		3			4			1	3
07:00 - 07:59				2	8	3	9	13	1	4											5										3	53		7		12
08:00 - 08:59		3		11	4	1	1	15																2				58			5	5	5	2		
09:00 - 09:59		1		17	7	5	1	4									2							1	4		2				1		11		
10:00 - 10:59						2				2						1					3		2		15		1			3				6		
11:00 - 11:59		1			1					5				17					6				6							9		2		13		
12:00 - 12:59	3												1	9					2			13								3	1			1		
13:00 - 13:59	2		2			1						2	1									5						2								
14:00 - 14:59	1				3							1																							1	
15:00 - 15:59					1																														1	
16:00 - 16:59																																				
17:00 - 17:59																																				8
18:00 - 18:59											2								17	13	4			5												3
19:00 - 19:59											2																2									2

UTC (hh)	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi
20:00 - 20:59																												2								
21:00 - 21:59																				5			7													
22:00 - 22:59								5			3									1			1	3			4								7	2
23:00 - 23:59											1								4	4			3					4			8					1
NDBs	6	24	8	35	60	35	70	65	22	11	8	37	73	26	21	25	68	16	80	78	66	34	35	60	52	13	17	67	17	72	80	64	24	41	43	43

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi	NDBs
10	350.0		3	1	2	6	3	6	6		2	1	3	7	3	2	2	6	2	6	7	6	3	1	7	5		1	5	3	7	6	5	2	3	3	4	10
5	351.0					1		3	1				1	2			1	2		2	2	2	1	1	1	1		1	1		3	2	2		1	1	1	5
3	352.0					1	1	1	2		1		1	3				2		2	2	2		1	2	1	1		2		1	2	1				1	3
12	353.0	1	3	1	6	9	6	5	6	2	1		7	9	4	3	4	8	2	9	7	7	5	3	9	4	3	3	6	2	9	9	7	4	7	5	5	12
1	354.0											1																										1
6	355.0				1	2	1	3	2	1			1	1	1			1		2	2	2		2	1	2	1	1	2		1	3	1	1	2	1	1	6
16	356.0	1	5	2	7	7	4	5	8	5	1		4	10	5	5	4	8		9	9	4	6	4	8	4	2	2	9	3	10	8	8	4	7	6	5	16
3	358.0		1			1	1	1							1					1	1		1			1				1		1				1	1		3
16	359.0	2	2	2	4	7	4	7	5		2	1	4	6	3	2	4	7		8	7	6	4	2	5	3		1	7	2	6	8	7	4	5	6	4	16
12	360.0				1	3	1	5	2	1	1	4	1	3				2	2	3	4	2		1	2	1		1	3		2	4	2		2	2	2	12
4	361.0		1			1	1	3	1					1				1		1	1	1	1	1		1			1		2	1	1		1	1	1	4
11	362.0		2		2	3	3	9	8	3	1		2	8	2	2	2	7	2	9	9	8	2	6	5	6	1	1	6	2	8	10	8	2	3	3	5	11
2	363.0				1	1		2	2	2			1	1		1		1	1	2	2	1	1	1	1	2	1	1	1		1	1	1		1	1	1	2
2	364.0	1						1	1											1	1			1		1		1	1		1	1						2
15	365.0	1	3		3	7	5	6	9	4		1	4	8	4	3	3	9	2	11	11	11	4	4	6	6	1	1	9	3	8	10	7	4	4	5	4	15
7	366.0		1		2	3	2	5	3	1	1		2	3	1	1	1	3	3	3	3	3	2	2	2	5	1	1	4		2	3	3	1	1	2	2	7
3	367.0							2	1	1				1				1	1	1	1	1		1	1	1	1	1	1		2	1	1				1	3
10	368.0		3	2	5	7	2	4	7	1	1		5	9	2	2	4	9	1	9	8	9	4	3	9	7	1	1	8	1	8	9	9	2	3	6	5	10
2	369.0				1	1	1	2	1	1			1	1				1		1	1	1		1	1	1			1		1	1	1				1	2
NDBs	QRG	AUS SA rw	CAN BC co	CAN BC jb	CAN BC ke	CAN BC sm	CAN BC t7	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA ka	USA AZ bc	USA AZ sr	USA CA ha	USA CA ir	USA CA od	USA CO ac	USA FL wf	USA IL dt	USA IL fy	USA MO dp	USA MT sf	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ rs	USA OH ra	USA OR de	USA TX ch	USA TX du	USA TX ju	USA UT mu	USA WA rt	USA WA so	USA WI zi	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
367.0	R5	Pukatawagan	MB	CAN	**ch**	0321
351.0	YKQ	Waskaganish	QC	CAN	**ch**	0335
358.0	YKG	Kangiqsujuaq	QC	CAN	**du**	0859
359.0	HHH	Devine	TX	USA	**du**	0205
355.0	SNO	Santo Domingo		CHL	**du**	0400
350.0	TL	Takhli		THA	**ka**	2300
354.0	D35	UNID		XUA	**ka**	2200
359.0	ZS	Yanzhuang		CHN	**ka**	2200
360.0	AT	Agatti		IND	**ka**	1900
360.0	G	UNID		XUA	**ka**	2200
360.0	R	UNID		XUA	**ka**	1800
360.0	SX	UNID		XUA	**ka**	1800
365.0	CA	Cirebon		INS	**ka**	1900
356.0	HHM	"Hotham" Kotzebue	AK	ALS	**mx**	1058
356.0	TN	Tindal	NN	AUS	**rw**	1255
365.0	WLM	Williamtown	NW	AUS	**rw**	1302
353.0	LRE	Longreach	QD	AUS	**rw**	1252
359.0	AMB	Amberley	QD	AUS	**rw**	1259
364.0	CS	Cairns	QD	AUS	**rw**	1301
359.0	GEL	Geraldton	WE	AUS	**rw**	1424
350.0	LPZ	La Paz		BOL	**vm**	0612
351.0	OV	Visby		SWE	**vm**	2249
351.0	PD	Ponta Delgada		AZR	**vm**	1911
355.0	PIK	Prestwick		SCT	**vm**	2252
355.0	URC	Coari		BRA	**vm**	0618
359.0	LOR	Lorient / Lann Bihoue		FRA	**vm**	1711
359.0	NA	Narsarsuaq (Kitaa)		GRL	**vm**	0440
360.0	HT	Horta / Faial Island		AZR	**vm**	1711
360.0	JAC	Jacare-a-Canga (PA)		BRA	**vm**	0452
360.0	STG	Tome		BRA	**vm**	0418

361.0	CFN	Donegal / Carrickfin	IRL	**vm**	2305
361.0	NB	Bordeaux / Merignac	FRA	**vm**	2310
367.0	JV	Ilulissat (Jakobshavn) (Kitaa)	GRL	**vm**	0348
368.0	WTD	Waterford	IRL	**vm**	1711
369.0	GL	Nantes / Atlantique	FRA	**vm**	2321

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE235 - 350-369.9 kHz - 24.08.2018 - 27.08.2018
NOW	CLE250 - 350-369.9 kHz - 22.11.2019 - 25.11.2019

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	1903	1818	13	11	7	6	2692	2359
CAN, BC co	1687	1379	19	33	11	24	8600	4343
CAN, BC sm	1720	2438	53	146	31	60	8562	8586
CAN, NS vm	841	2507	15	175	18	70	3136	7798
CAN, QC ky	991	1188	15	26	15	22	5301	5301
HWA mx	4135	4415	29	49	7	11	6201	6201
USA, AZ sr	2546	2598	51	190	20	73	10096	10096
USA, CA ha	2077	1976	21	51	10	26	7699	3866
USA, CO ac	1490	1775	45	121	30	68	5300	5336
USA, IL dt	728	1449	21	116	29	80	2639	6588
USA, IL fy	835	1370	28	107	34	78	2509	4921
USA, MO dp	739	1211	10	80	14	66	1468	4666
USA, NC ws	661	998	10	35	15	35	2283	2616
USA, NE dn	1193	1513	27	91	23	60	2937	5764
USA, NH jc	963	1462	31	76	32	52	3613	5070
USA, NJ ge	1311	929	14	12	11	13	4700	1833
USA, TX du	635	1840	14	147	22	80	1129	7704
USA, UT mu	1476	1580	13	38	9	24	4789	4789
USA, WA so	492	2037	2	88	4	43	923	8476
USA, WI zi	838	1068	16	46	19	43	3549	3792
Averages:	1363	1777	22	82	18	47	4406	5505
% Increase:		30		265		159		25

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 jb		1087		9		8		4291
CAN, BC ke		1521		53		35		5999
CAN, BC t7		2354		82		35		8587
CAN, ON sn		1385		90		65		5016
THA ka		2338		9		8		3459
USA, AZ bc		2219		82		37		5192
USA, CA ir		1790		38		21		3979
USA, CA od		2308		58		25		5662
USA, FL wf		1793		29		16		4171
USA, MT sf		1403		48		34		4836
USA, NJ rs		1183		20		17		3651
USA, OH ra		1395		93		67		4638
USA, OR de		1354		23		17		4018
USA, TX ch		2347		169		72		5431
USA, TX ju		1762		113		64		4570
USA, WA rt		1892		78		41		8464
Averages:		1758		62		35		5123
% 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.

CLE250_Results_RoW.xls
bk/je - 27.11.2019