NDB LIST CLE No. 241 190 - 239.9 kHz / 190.5 - 999.5 kHz 22.02.2019 - 25.02.2019

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
CAN, AB	s5	Steven O'Kelley (WA), Lamont
CAN, BC	co	Dan Collier, Vancouver - while at Univ. ARC
CAN, BC	sm	Steve McDonald, Mayne Island
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	g6	Geir Laastad (NOR), while at Cha-Am, Thailand
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, CO	ac	Anthony Casorso, Westminster
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, IN	lm	Loren Melton, Claypool
USA, MI	ct	Carl Schmidt, Rochester
USA, MO	dp	Dick Palmer, Wentzville
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	kn	James Kern, New Providence
USA, NJ	rs	Bill Riches, Cape May
USA, TX	ch	Chuck Dobbins, Alpine
USA, TX	du	Douglas Springfield, New Chapel Hill, NE Texas
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	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	USA WA rt
ALS, AK	209.0	CYT	Yakataga		07		19																						07
ALS, AK	212.0	CGL	Coghlan Island		09		03																						
ALS, AK	223.0	AFE	Kake		07		03																						08
ALS, AK	227.0	MHM	Minchumina				10																						
ALS, AK	229.0	AKW	Klawock		07	14	03																						09
ALS, AK	233.0	ALJ	Johnstone Point Island		09	14	03				07		05	10	10														10
AUI	282.5	RT	Avera (Rurutu Island)										07																
AUS, NN	233.0	AYE	Ayers Rock	09																									
AUS, NW	239.0	WOL	Wollongong	14																									
AUS, SA	227.0	OOM	Moomba	14																									
AUS, VI	203.0	HML	Hamilton	10																									
AUS, WE	230.0	LST	Leinster	15																									
BRA	220.0	TUI	Tucurui (PA)					04																					

CAN, AB	207.0	PY	Fort Chipewyan		08	07	03							11		10	12												08	10
CAN, AB	215.0	ZAB	"Leduc" Edmonton (Intl Apt)		08	03	09						04	09		09													08	10
CAN, AB	221.0	9A	Hanna		08		06																								
CAN, AB	221.0	QU	Grande Prairie		08	03	03						04	09		08	11				10						02	03			
CAN, AB	225.0	X5	Vegreville		08	04	08									09													10	
CAN, AB	227.0	9X	Brooks		08	04	03									10												08	10	
CAN, AB	230.0	VG	Vermilion		08								07	12		04												07	10	
CAN, AB	239.0	OJ	High Level		09	03	03						06	07		10	11				07		07				10	03	01	
CAN, BC	200.0	UAB	Anahim Lake		09	03	03						02	08	06	04	02	05			03			10			03	03	04	
CAN, BC	200.0	YDL	Dease Lake		07		10										11											08		
CAN, BC	200.0	YJ	Victoria		07	03	06							08	05														20	
CAN, BC	203.0	YBL	Campbell River		08	03	06							08			11											08	20	
CAN, BC	203.0	ZKI	Kitimat		08	03	06						05	08	04		11				06							08	10	
CAN, BC	206.0	EF	"Champion" Castlegar		08	03	03						04	08	10	10							04					10	10	
CAN, BC	214.0	LU	"Cultus" Abbotsford		08	03							04	08	05	08	11	05			10							08	20	
CAN, BC	218.0	PR	Prince Rupert		08	03	06					14		09	05														10	
CAN, BC	223.0	YKA	Kamloops		00	03	08					07	04	09	04	04	12				11		04					08	20	
CAN, BC	227.0	CG	Castlegar		08	03	03						05	09	03	04	02	05			09		04					08	10	
CAN, BC	230.0	YD	Smithers		08	03	03						06	10									07						10	
CAN, BC	236.0	YZA	Ashcroft		09	03	06						05	10	03	07	12				11		10				10	03	20	
CAN, MB	201.0	ZWN	"Downs" Winnipeg (Snowhill)		06		08										18				07						02	03		
CAN, MB	207.0	YNE	Norway House		08	03	03		07	06			04	08		08	18	00			00						02	03	10	
CAN, MB	212.0	YGX	Gillam		05		08		05							04	11	03			08		07					08	08	
CAN, MB	215.0	ZWW	"Boine" Muddywater (Winnipeg)														12	05			08						10	03		
CAN, MB	224.0	DN	Dauphin		08	03	04		08				05	09		08	11	00			08		08				10	03	10	
CAN, MB	233.0	BR	Brandon		09	03	10		08				05	06		04	18	00			08		08				10	03	10	
CAN, MB	236.0	ZHT	"Forks" Winnipeg		05											07	11										03	03		
CAN, NB	207.0	CL	Charlo					16	07	03							23	00			07			01	06		02	08		
CAN, NB	212.0	SJ	Saint John					01	07	02			06				00	23			02	10		18	22	06	16	02	07		
CAN, NB	224.0	QM	Moncton					16	06	06						08								01	02			10	08		
CAN, NL	233.0	UM	Churchill Falls					16	08	08														01	06						
CAN, NL	234.0	7H	Marystown					02																							
CAN, NL	237.0	7C	Fogo					01																							
CAN, NS	195.0	5C	South Venture Platform					09																							
CAN, NS	206.0	QI	Yarmouth					16		03			06			07	18	22		04	00	18		17	22	06	00	10	03		
CAN, NS	229.0	PD	Port Hawkesbury					16		06							01							01							
CAN, NS	230.0	AC	Pleasant Lake (Yarmouth)					16	08	07								00			07			18	06				08		
CAN, NT	222.0	WY	Wrigley		08	04	03						06	11			11											08	10	
CAN, NU	204.0	YFY	Forbay - Iqaluit					23	05	09						07	11	00			10			01	06				08		
CAN, NU	208.0	YSK	Sanikiluaq		08		07	01	01	03			04			04	23	00		04	07			01	02		03	02	08	08	
CAN, NU	214.0	YIO	Pond Inlet					09	08									11			02										
CAN, NU	224.0	BK	Baker Lake		08		08		08				05			04	12	05			08							01	03	07	
CAN, NU	236.0	YHK	Gjoa Haven		09			08																							
CAN, ON	200.0	YAQ	Kasabonika																						23						
CAN, ON	201.0	YKX	Kirkland Lake					04	01	03							18	23			00	11					02	03			
CAN, ON	201.0	YVZ	Deer Lake		07		11		05				05			04	23	05			07							08			
CAN, ON	201.0	ZXU	"Thames" London					05	01								18	19			09			11							
CAN, ON	206.0	XBE	Bearskin Lake		08		11	04	07							04	23	03			07							08			
CAN, ON	207.0	FD	Brantford					05	01								18	18		04	07			01			02	08			
CAN, ON	209.0	IB	Atikokan		08		06		07				04	08		04	18	02			07		04				03	03	08		
CAN, ON	215.0	YTR	Trenton					02	20	06							00	03			08		04	01			10	08			
CAN, ON	216.0	YFA	Fort Albany		08		09	09	03	02						09	00	03			08		10	11	06	06	06	10	01		
CAN, ON	218.0	RL	Red Lake		08	04	08	05	08	02			04	06		04	18	19	04		00	11	04	11	01		11	10	03	10	
CAN, ON	219.0	YMG	Manitouwadge		03		09		08	02			04	09		04	18	18		05	08		04	02	06		03	01	03	10	
CAN, ON	221.0	HM	Hamilton (Carluke)					02	08	07			04				18	18		05	08			01	06			02	08		
CAN, ON	223.0	YYW	Armstrong		03		08	02	08	02			04			04	18	19	04	05	00		04	01	23	06	00	03	03		
CAN, ON	224.0	MO	Moosonee		08		08			02			06	10		08	18	20	04	05	00		04	18	23	06	03	01	03	08	
CAN, ON	230.0	ZUC	Ignace						08				07				02	05			08		10					10	01		
CAN, ON	233.0	QN	Nakina		09	04	08		08	08			05	10		04	18	18	04	05	00	11	04	01	02			02	03	10	
CAN, ON	235.0	CN	Cochrane				08	01	02	03			05			08	00	23		05	08	11	04	01	02		06	10	08		
CAN, ON	236.0	OW	Ramsayville (Ottawa)					23	02	02			05			04	00	23	04	05	00	00	04	18	02	06	03	02	03		
CAN, ON	236.0	ZRJ	Round Lake		03		11	08	10	03			07			04	00	03			07		04	01					08	08	
CAN, QC	201.0	GL	La Grande Riviere					07	03	03			05			07	10	03			09				02				08		
CAN, QC	201.0	RI	Riviere Du Loup					23									01	00						18					08		
CAN, QC	201.0	YIF	St. Augustin					21																							
CAN, QC	205.0	YRQ	Trois Rivieres					03	07	02							23	00						18							
CAN, QC	209.0	MT	"Chiboo" Chibougamau (Chapais)				10	22	07	02							23	23		09	00	10		18	06	06	00			09	

CAN, QC	213.0	YRC	"St. Honore" Chicoutimi					00	07	03							00	00						18					08	
CAN, QC	214.0	K8	Nemiscau					02	08	03							02	00		05	08							10	08	
CAN, QC	216.0	ME	Matane					16	08	06														01					08	
CAN, QC	218.0	YUY	Rouyn					23	08	02							00	00		05	08			01	02	06	03	02	01	
CAN, QC	219.0	W7	"Pabok" Du Rocher-Pierce					16																01						
CAN, QC	220.0	BX	Blanc Sablon / Lourdes de Blanc Sablon					16	08	02			04			07	00	23			08			18	22	06	00	01	03	
CAN, QC	221.0	YAS	Kangirsuk					23										05					04						04	
CAN, QC	225.0	YIK	Ivujivik				10									07	11	05			07								08	
CAN, QC	230.0	QB	Quebec					22	02	02			05			08	00	23			08	10		18	02		03		01	
CAN, QC	230.0	YBM	St Bruno de Guigues				08	06	02	03			05			04	00	00		05	08			01				01	03	
CAN, QC	232.0	GP	Gaspe				09	16	04	03			05				00	03		09	08	10	05	18				02	03	
CAN, QC	235.0	9H	La Grande 3					01	02	03			05			04	00	00			08		04	01				03	03	
CAN, QC	239.0	5Q	Fontanges					01	04	07								03					04	10				03		
CAN, SK	204.0	ZQR	"Findlay" Regina		08		13						03			10	11				07								08	10
CAN, SK	212.0	BY	Beechy		08	03	08						04	09		04	00	05			07		07					10	03	10
CAN, SK	219.0	ZRS	"Ajax" Regina		08	07	08						04			08	11				11								08	10
CAN, SK	238.0	K5	Maple Creek		04	03	09									09														
CAN, YT	214.0	DA	Dawson		03																									
CHN	204.0	UJ	Gaolan									15																		
CHN	238.0	NL	Longzhou									15																		
CUB	212.0	UMO	Moa (Holguin)					09																						
INS	215.0	AL	Halim Perdanakusuma									15																		
MEX	214.0	CHX	Choix (Sinaloa)				07						08	09		04	11	06			08							03	03	
NZL	238.0	KT	Kaitaia										10																	
OCE	377.5	MO	Teavaro (Moorea Island) (Iles du Vent)										07																	
THA	201.0	PB	Prachin Buri									12																		
THA	213.0	HN	Hua Hin									12																		
TUA	284.5	MH	Manihi Atoll (Tuamoto Archipelago)										07																	
TUA	327.5	RE	Reao										07																	
USA, AL	211.0	AN	"Bogga" Anniston						08							08	11	03			07			09				01	03	
USA, AL	212.0	OZ	"Ruckr" Fort Rucker (Ozark)														11	05			09							02	03	
USA, AL	221.0	HYE	"Hanchey" Fort Rucker (Ozark)														03	06			08								01	
USA, AL	224.0	BH	"Mc Den" Birmingham						06				06			04	11	00		10	00			11	06			02	03	
USA, AR	223.0	FS	"Wizer" Fort Smith										07			08	11	06			08							03	03	
USA, AR	227.0	TNZ	"Lawrence Co." Walnut Ridge		08				08				08			08	02	01			08		08	09				01	03	
USA, AR	234.0	TX	"Tecco" Texarkana										08			08	11	05			08							03	03	
USA, AZ	201.0	IP	Mobile		07		04						02	08	04	04	02	11			09		05					10	03	07
USA, AZ	206.0	SOW	Show Low		08		08						03	08	11	04	11				09							03	03	07
USA, AZ	220.0	RBJ	"Robles" Tucson										04			08													08	
USA, CA	203.0	TCY	Tracy				09						04	08	01															
USA, CA	209.0	HGT	"(Fort) Hunter Liggett" Jolon				09						06	08	01															
USA, CO	209.0	ITR	"Kit Carson" Burlington		08								04			04	18	03			09		18					03	03	
USA, FL	201.0	CE	"Kobra" Crestview														10	05											01	
USA, GA	205.0	LNH	Millen						05								02	03			07	11		10				01	03	
USA, GA	219.0	AY	"Wiket" Waycross													08	02	03			08							02	03	
USA, GA	233.0	AG	"Bushe" Augusta														02	06			07			09					08	
USA, GA	234.0	EQQ	"Coweta County" Newnan															11											08	
USA, IA	206.0	IIB	"Wapsie" Independence													08	18	18			18			11					01	
USA, ID	211.0	HDG	"Steelhead" Gooding		09	07	08						06	08	04	04														07
USA, IL	218.0	AL	"Alpos" Alton (St Louis MO)						08							08	18	18			18							01	03	
USA, KS	230.0	NRN	Norton		05								08			04	01	03			03		18						03	
USA, KY	210.0	IOB	Mount Sterling						08								18	19			07			10					08	
USA, KY	236.0	BW	"Noora" Bowling Green														00	03			19			10				10	03	
USA, LA	212.0	HP	"Anger" Hammond										08					06			10							03	03	
USA, LA	230.0	BNZ	Abbeville										06			08	12	05			08							01	03	
USA, MD	223.0	DAA	"Davee" Fort Belvoir															06						09	01					
USA, ME	221.0	RQM	Rangeley						05																					
USA, MI	206.0	AP	"Felps" Alpena					07	07								18	22			07		09					02		
USA, MI	381.5	SJX	"St James" Beaver Island		03				02	04			07			10	19	18			07		03	02				03		
USA, MN	239.0	BBB	Benson		09								07			04	19	06			09		06							
USA, MO	233.0	AZN	"Amazon" St. Joseph		07								07			08	18	18			18		18					02	03	
USA, MS	221.0	HS	"Hanco" Bay Saint Louis														10	06			10								02	03	
USA, NC	198.0	DIW	Dixon		07		06	17	01	05			02	07		04	18	22		04	00	18	06	17	22	06	00	03	03	05
USA, NC	205.0	GM	"WILZE" Wilmington						07								02	03				17		10				10	07	
USA, NC	220.0	HUR	Person						08								11	04			06	18		10					08	
USA, NC	227.0	CPC	"Camp" Whiteville					05	08								11	03			08	17		11			06	01	03	
USA, NC	230.0	AQE	"Alwood" Greenville					01	08	06							00	03			08	17		01	02		03	10	03	

USA, NE	233.0	OKS	Oshkosh										07	08		02					07		18								
USA, NH	209.0	MJ	Lawrence Corner					08																17							
USA, NH	216.0	CO	"Epsom" Concord																					17							
USA, NJ	214.0	TE	Torby																					01	22	06					
USA, NY	204.0	GB	"Plazz" Buffalo					09	01									00			10			02							
USA, NY	209.0	GF	"Ganse" Glens Falls					07		06								06						17							
USA, NY	231.0	BU	"Klump" Buffalo					09	02								01	06			10			10				02			
USA, OH	219.0	TO	"Tophr" Toledo														18	03													
USA, OH	223.0	MW	"Onida" Franklin						04								18	18			08			11					03		
USA, OH	230.0	BU	"Boutn" Columbus					09	04						08		18	18			00			02				10	08		
USA, OH	239.0	HKF	"Hook Field" Middletown		08			05	02	06			07		04		19	18	04	05	18	11	06	10	08			02	03		
USA, OK	201.0	BV	"Dewie" Bartlesville										05		04		18	06			07							02	03		
USA, OR	225.0	LWG	Lewisburg (Corvalllis)			07	08						07	09																	09
USA, PA	204.0	MD	"Enola" Harrisburg														02	06						02							
USA, PA	209.0	SYS	"Stoystown" Somerset						08								11	03										02			
USA, PA	219.0	CX	"Latle" Harrisburg														03							01							
USA, SC	220.0	DCM	Chester														03	05			08			09					08		
USA, SC	239.0	GIW	"Coronaca" Greenwood						09				07		10		01	01			09	18		01					03		
USA, SD	203.0	AB	"Reney" Aberdeen		09								06		10		18	05			07								08		
USA, TN	212.0	UC	"Obion" Union City										08		08		18	02			18			10				01	03		
USA, TN	221.0	BO	"Booie" Bristol (Johnston-Kingsport)						08								02	03			09			11				02	03		
USA, TN	233.0	HEM	"Huchn" Sparta						04									11			07								04		
USA, TX	212.0	LIU	Littlefield		06								06		08		11	11			02		06					03	03		
USA, TX	233.0	VHN	Van Horn										08		07		11						07					18	03		
USA, VA	237.0	EZF	"Shannon" Fredericksburg					09	09								00	03			08	18		01	06		16				
USA, WA	216.0	GRF	Graye AAF (Joint Base Lewis-Mcchord) Airport			03	09							09																	20
USA, WI	221.0	RP	"Wickr" Rice Lake Airport, Carl"s Field										08		08		18	22			08		04						08		
USA, WI	236.0	DO	"Dougy" Blue Lake (Minocqua)		06			05	09						10		02	18			08			10				10	03		
USA, WI	239.0	TN	"Tribe" Menominee						06								19	18													
VTN	212.0	DJ	Danang									12																			
XON	229.0	1M	Hibernia Platform, Offshore					03																							
XON	366.5	NRA	Noble Regina Allen					23		05			07		06	03	06							02							
Cou, S/P	**QRG**	**ID**	**Name**	**AUS SA rw**	**CAN AB s5**	**CAN BC co**	**CAN BC sm**	**CAN NS vm**	**CAN ON sn**	**CAN QC ky**	**HWA mx**	**THA g6**	**USA AZ sr**	**USA CA ha**	**USA CA ir**	**USA CO ac**	**USA IL dt**	**USA IL fy**	**USA IN lm**	**USA MI ct**	**USA MO dp**	**USA NC ws**	**USA NE dn**	**USA NH jc**	**USA NJ ge**	**USA NJ kn**	**USA NJ rs**	**USA TX ch**	**USA TX du**	**USA WA rt**		

COUNTRIES HEARD:

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

Cou	Cou-Name	AUS SA rw	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	USA WA rt
ALS	Alaska, AK		5	2	6				1		1	1	1															4
AUI	Austral Islands (Iles Tubuai)										1																	
AUS	Australia, NN	1																										
AUS	Australia, NW	1																										
AUS	Australia, SA	1																										
AUS	Australia, VI	1																										
AUS	Australia, WE	1																										
BRA	Brazil					1																						
CAN	Canada, AB		8	6	7						4	5		7	3				2		1					2	6	6
CAN	Canada, BC		12	11	11				2		8	11	9	6	8	3			6		5	1				2	9	11
CAN	Canada, MB		6	3	5		4	1			3	3		5	7	5			6		3					6	7	4
CAN	Canada, NB					3	3	3			1			1	2	2			2	1		3	3	1	1	3	3	
CAN	Canada, NL					3	1	1														1	1					
CAN	Canada, NS					4	1	3			1			1	2	2		1	2	1		3	2	1	1	1	2	
CAN	Canada, NT		1	1	1						1	1			1												1	1
CAN	Canada, NU		3		2	4	4	2			2			3	3	4		1	4			2	2		1	2	3	2
CAN	Canada, ON		10	2	11	12	17	12			12	5		12	18	18	5	8	18	5	12	13	10	4	7	14	17	6
CAN	Canada, QC				4	17	13	13			6			6	13	15		5	10	3	4	13	5	3	4	7	13	1
CAN	Canada, SK		4	3	4						3	1		4	3	1			3		1					1	3	3
CAN	Canada, YT		1																									
CHN	China									2																		
CUB	Cuba					1																						
INS	Indonesia									1																		
MEX	Mexico				1						1	1		1	1	1			1							1	1	

Cou	Cou-Name	AUS SA rw	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	USA WA rt
NZL	New Zealand										1																	
OCE	Society Islands (Tahiti)										1																	
THA	Thailand									2																		
TUA	Tuamotu Archipelago										2																	
USA	USA, AL						2				1			2	4	4		1	4			2	1			3	4	
USA	USA, AR		1				1				3			3	3	3			3		1	1				3	3	
USA	USA, AZ		2		2						3	2	2	3	2	1			2		1					2	3	2
USA	USA, CA				2						2	2	2															
USA	USA, CO		1								1			1	1	1			1		1					1	1	
USA	USA, FL														1	1											1	
USA	USA, GA						1							1	3	4			3	1		2				2	4	
USA	USA, IA													1	1	1			1			1					1	
USA	USA, ID		1	1	1						1	1	1	1														1
USA	USA, IL						1							1	1	1			1							1	1	
USA	USA, KS		1								1			1	1	1			1		1						1	
USA	USA, KY						1								2	2			2			2				1	2	
USA	USA, LA										2			1	1	2			2							2	2	
USA	USA, MD															1						1	1					
USA	USA, ME						1																					
USA	USA, MI		1			1	2	1			1			1	2	2			2		2	1				2		
USA	USA, MN		1								1			1	1	1			1		1							
USA	USA, MO		1								1			1	1	1			1		1					1	1	
USA	USA, MS														1	1			1							1	1	
USA	USA, NC		1		1	3	5	2			1	1		1	5	5		1	4	5	1	5	2	1	3	4	5	1
USA	USA, NE										1	1		1					1		1							
USA	USA, NH					1																2						
USA	USA, NJ																					1	1	1				
USA	USA, NY					3	2	1							1	3			2			3				1		
USA	USA, OH		1			2	3	1			1			2	4	4	1	1	3	1	1	3	1			2	3	
USA	USA, OK										1			1	1	1			1							1	1	
USA	USA, OR			1	1						1	1																1
USA	USA, PA						1								3	2						2				1		
USA	USA, SC						1				1			1	2	2			2	1		2					2	
USA	USA, SD		1								1			1	1	1			1								1	
USA	USA, TN						2				1			1	2	3			3			2				2	3	
USA	USA, TX		1								2			2	2	1			1		2					2	2	
USA	USA, VA					1	1								1	1			1	1		1	1		1			
USA	USA, WA			1	1							1																1
USA	USA, WI		1			1	2				1			2	3	3			2		1	1				1	2	
VTN	Vietnam									1																		
XON	Int Waters: N.America					2		1			1			1	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	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	USA WA rt
00:00 - 00:59		1			1									17	16			12	1					5			
01:00 - 01:59					7	6						2		5	2						23	2			12	7	1
02:00 - 02:59					5	8	12			3			1	13	2			3			6	9			24		
03:00 - 03:59		5	20	14	2	2	12			2		2		4	21			2		1				7	15	56	
04:00 - 04:59		1	5	2	3	5	1			18		4	31		1	6	4			17						2	1
05:00 - 05:59		3			6	5	2			17		3			16		11			2							1
06:00 - 06:59		3		8	1	3	8			12	2	1	1		13			2		4		10	11	3			
07:00 - 07:59		9	4	2	3	10	3	2		16	2		8					23		5						3	5
08:00 - 08:59		31		16	3	25	2			8	14		23					32		3		1				40	6
09:00 - 09:59	1	11		8	8	3	1				11		4				2	10		1	5						3
10:00 - 10:59	1			5		1				1	5	2	9	3			1	7	4	3	11				20	1	21
11:00 - 11:59				3							2	1		26	5			3	6		8			1			
12:00 - 12:59									3		1			6													
13:00 - 13:59				1																							
14:00 - 14:59	2		2					1																			

UTC (hh)	AUS SA rw	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	USA WA rt
15:00 - 15:59	1								3																		
16:00 - 16:59					10																			2			
17:00 - 17:59					1														3		5						
18:00 - 18:59														28	13			5	5	4	11				1		
19:00 - 19:59				1										4	4			1									
20:00 - 20:59						1									1												6
21:00 - 21:59					1																						
22:00 - 22:59					2										4							5					
23:00 - 23:59					6									6	7							3					
NDBs	5	64	31	60	59	69	41	3	6	77	37	15	77	112	105	6	18	100	19	40	69	30	11	18	72	109	44

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS SA rw	CAN AB s5	CAN BC co	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	THA g6	USA AZ sr	USA CA ha	USA CA ir	USA CO ac	USA IL dt	USA IL fy	USA IN lm	USA MI ct	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ ge	USA NJ kn	USA NJ rs	USA TX ch	USA TX du	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	1	1	1	1	1	1
4	200.0		3	2	3						1	2	2	1	2	1			1			1	1			1	2	2	4
11	201.0		3		3	5	4	2		1	4	1	1	4	9	8			7	1	1	2	1			4	8	1	11
5	203.0	1	3	2	3						3	3	2	1	3	1			2								3	2	5
5	204.0		1		1	2	2	1		1	1			2	3	3			3			3	1				2	1	5
3	205.0					1	3	1							3	3			1	2		3				2	2		3
6	206.0		3	1	3	3	2	1			3	2	2	5	5	4		1	5	1	2	2	1	1	1	3	5	2	6
4	207.0		2	2	2	2	3	2			1	2		2	4	3		1	3			2	1			3	4	2	4
1	208.0		1		1	1	1	1			1			1	1	1		1	1			1	1		1	1	1	1	1
8	209.0		3		4	3	3	2			3	2	1	2	4	5		1	3	1	2	3	1	1	1	3	2	3	8
1	210.0						1								1	1			1			1					1		1
2	211.0		1	1	1		1				1	1	1	2	1	1			1			1				1	1	1	2
10	212.0		4	1	3	2	2	1		1	5	1		4	6	7			7	1	3	2	1	1	1	6	7	2	10
2	213.0					1	1	1		1					1	1						1					1		2
6	214.0		2	1	1	2	2	1			2	2	1	2	3	4		1	4			1	1	1		2	3	1	6
4	215.0		1	1	1	1	1	1		1	1	1		1	2	2			2		1	1				2	3	1	4
4	216.0		1	1	2	2	2	2				1		1	1	1			1		1	3	1	1	1	1	2	1	4
4	218.0		2	2	2	2	3	2	1		1	2	1	2	3	3	1	1	3	1	1	2	2	1	2	3	3	2	4
6	219.0		2	1	2	1	1	1			2	1		3	5	3		1	3		1	3	1		1	2	3	2	6
5	220.0					2	2	1			2			2	3	3			3	1		3	1	1	1	1	4		5
9	221.0		2	1	2	2	3	1			3	1		2	6	6		1	6		2	2	1			4	7		9
1	222.0		1	1	1						1	1			1												1	1	1
6	223.0		3	1	3	1	2	1	1		3	1	1	3	4	4	1	1	4		2	3	2	1	1	2	4	2	6
5	224.0		3	1	3	1	4	2			4	2		5	4	4	1	2	4		2	3	3	1	1	5	5	3	5
3	225.0		1	2	3						1	1		2	1	1			1								1	2	3
6	227.0	1	3	2	3	1	2				2	1	1	3	3	3			3	1	2	2			1	2	4	2	6
3	229.0		1	1	1	2		1							1							1						1	3
11	230.0	1	3	1	2	5	6	4			7	2		6	7	8		1	8	2	3	5	3		2	5	9	2	11
1	231.0					1	1								1	1			1			1				1			1
1	232.0				1	1	1	1			1				1	1		1	1	1	1	1				1	1		1
10	233.0	1	4	3	3	1	4	2	1		6	4	1	5	5	5	1	1	6	1	5	3	2			4	6	3	10
3	234.0					1					1			1	1	2			1							1	2		3
2	235.0				1	2	2	2			2			2	2	2		1	2	1	2	2	1		1	2	2		2
7	236.0		5	1	2	4	3	2			3	1	1	5	6	4	1	1	5	1	3	4	1	1	1	5	6	2	7
2	237.0					2	1								1	1			1	1		1	1		1				2
3	238.0		1	1	1					1	1			1															3
7	239.0	1	3	1	1	2	4	2			4	1		4	5	5	1	1	4	2	4	3	1			3	3	1	7
1	282.5										1																	1
1	284.5										1																	1
1	327.5										1																	1
1	366.5					1		1			1			1	1	1						1							1
1	377.5										1																	1

1	381.5		1				1	1			1			1	1	1			1		1	1				1			1
NDBs	**QRG**	**AUS SA rw**	**CAN AB s5**	**CAN BC co**	**CAN BC sm**	**CAN NS vm**	**CAN ON sn**	**CAN QC ky**	**HWA mx**	**THA g6**	**USA AZ sr**	**USA CA ha**	**USA CA ir**	**USA CO ac**	**USA IL dt**	**USA IL fy**	**USA IN lm**	**USA MI ct**	**USA MO dp**	**USA NC ws**	**USA NE dn**	**USA NH jc**	**USA NJ ge**	**USA NJ kn**	**USA NJ rs**	**USA TX ch**	**USA TX du**	**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	SP	ITU	Rptr	UTC
201.0	PB	Prachin Buri		THA	**g6**	1200
204.0	UJ	Gaolan		CHN	**g6**	1524
212.0	DJ	Danang		VTN	**g6**	1214
213.0	HN	Hua Hin		THA	**g6**	1210
215.0	AL	Halim Perdanakusuma		INS	**g6**	1538
238.0	NL	Longzhou		CHN	**g6**	1546
200.0	YAQ	Kasabonika	ON	CAN	**ge**	2302
216.0	CO	"Epsom" Concord	NH	USA	**jc**	1707
233.0	AYE	Ayers Rock	NN	AUS	**rw**	0959
239.0	WOL	Wollongong	NW	AUS	**rw**	1446
227.0	OOM	Moomba	SA	AUS	**rw**	1454
203.0	HML	Hamilton	VI	AUS	**rw**	1001
230.0	LST	Leinster	WE	AUS	**rw**	1516
214.0	DA	Dawson	YT	CAN	**s5**	0306
227.0	MHM	Minchumina	AK	ALS	**sm**	1000
221.0	RQM	Rangeley	ME	USA	**sn**	0505
238.0	KT	Kaitaia		NZL	**sr**	1018
282.5	RT	Avera (Rurutu Island)		AUI	**sr**	0720
284.5	MH	Manihi Atoll (Tuamoto Archipelago)		TUA	**sr**	0705
327.5	RE	Reao		TUA	**sr**	0709
377.5	MO	Teavaro (Moorea Island) (Iles du Vent)		OCE	**sr**	0736
234.0	7H	Marystown	NL	CAN	**vm**	0258
237.0	7C	Fogo	NL	CAN	**vm**	0153
195.0	5C	South Venture Platform	NS	CAN	**vm**	0949
201.0	YIF	St. Augustin	QC	CAN	**vm**	2113
212.0	UMO	Moa (Holguin)		CUB	**vm**	0923
220.0	TUI	Tucurui (PA)		BRA	**vm**	0449
229.0	1M	Hibernia Platform, Offshore		XON	**vm**	0325

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE225 - 190-239.9 kHz / 190.5-999.5 kHz - 24.11.2017 - 27.11.2017
NOW CLE241 - 190-239.9 kHz / 190.5-999.5 kHz - 22.02.2019 - 25.02.2019

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	867	1092	3	5	4	5	1291	1870
CAN, BC co	578	946	9	29	16	31	1554	2619
CAN, BC sm	1607	1663	100	100	62	60	4057	4215
CAN, NS vm	985	1302	43	77	44	59	2067	5610
CAN, QC ky	845	866	14	35	16	41	1606	2053
HWA mx	5618	4447	56	13	10	3	9779	4598
USA, AZ sr	2340	2744	187	211	80	77	4847	10833
USA, CO ac	1510	1730	92	133	61	77	3234	3869
USA, IL dt	1333	1381	168	155	126	112	3437	3265
USA, MI ct	890	886	17	16	19	18	1735	1605
USA, MO dp	1272	1435	125	143	98	100	3833	3833
USA, NC ws	751	955	10	18	13	19	1855	2123
USA, NH jc	928	1022	67	71	72	69	2074	3982
USA, NJ ge	962	1143	12	34	12	30	1833	2653
USA, TX ch	2129	2314	147	167	69	72	4956	4454
USA, TX du	1769	2005	173	219	98	109	3971	3971

USA, WA rt	1096	1439	38	63	35	44	3965	3973
Averages:	1499	1610	74	88	49	54	3300	3854
% Increase:		7		18		11		17

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, AB s5		1319		84		64		3483
CAN, ON sn		1011		70		69		3278
THA g6		1082		6		6		2243
USA, CA ha		1826		68		37		4035
USA, CA ir		1227		18		15		2952
USA, IL fy		1241		130		105		3485
USA, IN lm		948		6		6		1259
USA, NE dn		1489		60		40		2962
USA, NJ kn		984		11		11		1775
USA, NJ rs		1157		21		18		1989
Averages:		1228		47		37		2746
% 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

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.