NDB LIST CLE No. 254 400 - 419,9 kHz 27.03.2020 - 30.03.2020

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, BC	bt	Brian Butler, Hazelton
CAN, BC	ke	Ken Betenia, Cranbrook BC
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
USA, AZ	bc	Bob Coomler, Tucson
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	mo	Michael Oexner, via Kiwi-SDR at 'Point Reyes, CA', USA, CA (rCApr / CM88mc)
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	od	Frank O'Donnell, South Pasadena
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, KS	gu	Chuck Gumbert, Goddard
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	rs	Bill Riches, Cape May
USA, OH	ra	Rod Hranko, Powhatan Pt., East Ohio
USA, PA	el	Mark Bell, Airville
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

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	AUS TA et	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so
ALS, AK	404.0	GCR	Glacier River' Cordova					04				14			13																05
ALS, AK	414.0	IME	Mount Edgecumbe' Sitka			07	08	07				08			13	10															05
AUS, NN	401.0	MGD	Maningrida	15											12																
AUS, NN	407.0	GTE	Groote Eylandt	10																											
AUS, NW	401.0	ARM	Armidale	10	09																										
AUS, NW	407.0	GDH	Gunnedah		11																										
AUS, NW	407.0	GLB	Gouldburn	12	08																										
AUS, NW	413.0	NBR	Narrabri	10	11																										
AUS, NW	416.0	BK	Bankstown		11																										
AUS, QD	404.0	COE	Coen	10	11																										
AUS, QD	407.0	WDH	WINDORAH, Australia	10																											
AUS, QD	413.0	BDV	Birdsville	10	11																										
AUS, SA	416.0	PF	Parafield	07	00																										
AUS, VI	407.0	SWH	Swan Hill	07	10										13																
AUS, WE	404.0	KA	Karratha	15	17																										
AUT	408.0	BRK	Wien / Schwechat / Bruck						02																						
BRA	400.0	GJM	Guajara (RO)						05																						
BRA	415.0	PCL	Poços de Caldas (MG)						01																						
CAN, AB	400.0	1L	Fort MacKay/Firebag					04						05				07	09												04
CAN, AB	405.0	2K	Camrose				08	07						04	03	06		04	07	11	05	09			03			09		10		04
CAN, AB	405.0	9G	Sundre			05	08	07							03	09			08				11								04
CAN, AB	406.0	2S	High Prairie			06	08	04						06	11	10		07	08	11											04
CAN, AB	408.0	Z7	Claresholm			07	08	10						04	03	06		05	07	11	05		11							07	03	04
CAN, BC	400.0	QQ	Comox			06	08	04	05			07	05	02	03	06	04	04	12	10	05	03	11		03			09	08	09	02	04
CAN, BC	410.0	ZQ	CCGS Sir Wilfrid Laurier			06	08	10						03	13	04		07	07	10												05
CAN, BC	414.0	YZK	Harper Ranch (Kamloops)			05	08	04							03	09																05
CAN, ON	401.0	YPO	Peawanuck					04	05	07	02		05	02	07	04		04	08	10	00	02	10		03	08		09	07	09		04
CAN, ON	408.0	ZTO	Woodhill / Brampton (Toronto)					09		07	06									10	00		03			01		09	00	10		
CAN, ON	408.0	SN	St. Catharines' Saint Catharines						23	07	04									10	01		04			01		09	23	09		
CAN, ON	409.0	YTA	Pembroke					05	23	07	02			04	09			10	07	10	01		03	09		01	04	09	01	05		
CAN, ON	413.0	YHD	Dryden				08	04	02	08	04		05	03	07	07	06	04	02	10	01	04	07		03	01		09	03	05	03	05
CAN, QC	401.0	Y8	Drummondville						23		02															01		09	00	07		
CAN, QC	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)					10	23	07	02			04	09				08	10	01	08	03	09		01	00	09	23	05		
CAN, SK	402.0	L4	Ngawin				08	04						04	10	07			04	10	03		10		03			09		10		04
CAN, SK	402.0	M3	Kindersley				08	04						04	03	09			05	10	03		11					09		10		04
CAN, SK	406.0	YLJ	Meadow Lake			06	08	04				08	05	02	03	06	06	04	05	10	04	03	11		03			09	08	05	03	04
CHN	417.0	MJ	Harbin / Taiping												13																	
CYM	415.0	CBC	West End (Cayman Brac)				08	10	23	07	04		05	01	09	07	04	08	05	10	01	04	10	08	03	00	00	09	00	05		06
EQA	415.0	SLS	Salinas (Guayas)																							01						
EQA	418.0	TLC	Tulcan (Carchi)																									09				
ESP	401.0	COA	La Coruna						03																							
ESP	404.0	LRD	Lerida						01																							
ESP	410.0	C	La Coruna						02																							
ESP	417.0	CVT	Madrid / Cuatro Vientos						02																							
ESP	417.0	SNO	Santiago						03																							
FJI	405.0	VK	Navakai		11																											
FRA	400.0	AG	Agen / La Garenne						03																							
FRA	404.0	AGO	Angouleme / Brie Champniers						02																							
FRA	406.0	TW	Toulouse / Blagnac						02																							
HRV	418.0	DVN	Split / Drvenik						05																							
ITA	417.0	VIC	Vicenza (Vi)						04																							
MDW	400.0	MDY	Midway' Gooneyville (Sand Island)												13																	
NCL	402.0	OA	Ouvea		11																											
SAR	402.0	CAR	Villasimius / Capo Carbonara (CA)						03																							
SMA	403.0	TUT	Tafuna (Tutuila Island)		11							14			09																	
SPM	402.0	MQ	Miquelon (Grande Miquelon)						23																	02						
SRB	416.0	POZ	Beograd / Pozarevac						03																							
TWN	415.0	KW	Hengchun												12																	
USA	407.0	CO	Petey' Colorado Springs																						03							
USA, AR	418.0	EL	Lados' El Dorado																				04							07		
USA, AZ	403.0	AZC	Colorado City					10					05	01		06	02	09	12	10					04						02	04
USA, AZ	407.0	CHD	Chandler					13					05	01	03	12	04	04	05						03						02	05
USA, CA	404.0	MOG	Montague			06	08	04				07	05	01	13	06	04	04	12	10	04	03	10		03	08		09		08	02	04
USA, CO	400.0	FN	Colln' Fort Collins / Loveland				08	04					04	01	03	07	04	04	14	10	05	03	11		17			09		08		04
USA, CO	407.0	CO	Petey' Colorado Springs					04					05	01	03	06	04	08	14	10	04	03	11					09		08	02	05
USA, FL	405.0	5	Jupiter																									23				
USA, GA	400.0	OHY	Coney' Cordele										05	02					08	10	00		03			01		09		10		
USA, GA	407.0	BZ	Bullo' Statesboro											07						10	01		03	09		09		09	09	10		
USA, GA	415.0	DJD	Canton					09		07	05		05	05					08	10	01		03		03			09	03	08		
USA, GA	419.0	TX	Gwnett' Lawrenceville																									09		07		
USA, IA	414.0	SU	Salix' Sioux City																						03							
USA, IA	417.0	IY	Chukk' Charles City					10	05	07			05	02	03	05		07	05	18	18	04	07		03	09	06	09	07	08		06
USA, IL	407.0	CM	Veals' Champaign / Urbana																	18	18		11			09		09				
USA, IN	401.0	LA	Earle' Lafayette						01					06					09	18	18		10		21	09	06	09	09	10		
USA, IN	410.0	BA	Cliffs' Columbus					10		07	07		06	05	08	10			07	18	18	02	00	09	03	01	04	09	00	05		
USA, KS	404.0	HU	Saltt' Hutchinson										06	04					04	10	00	20	03		17			09		08		
USA, KS	408.0	JDM	Wheatfield' Colby				08	10					05	01	03	06	06	05	14	10	01	20	11		17	07		09		05	03	05
USA, KS	414.0	GL	Shugr' Goodland					04					06	03					14	11	05		03		17					10		
USA, KS	419.0	GB	Babsy' Great Bend					09					05	01		12		08	01	10	04	20	04		17					09		06
USA, KY	414.0	LK	Laang' Louisville																	10	04		04					09		10		
USA, LA	407.0	OOC	Campi' Natchitoches						03				05	02	11					10	01	04	11		03			09		19		
USA, LA	418.0	CW	Mossy' Lake Charles					10	04				05	01	03		06		02	10	01	04	07		03	09		09		08		05
USA, MD	400.0	NHK	Patuxent' Patuxent River								05									01	02			09		01	20		22			
USA, MD	407.0	OX	Landy' Ocean City						05															09		00	00	09	00			
USA, MI	400.0		Kolee' Sault Ste. Marie					08	01	07	06									18	18		04		03	01		09		10		05
USA, MI	410.0	SO	Suomi' Marquette																									23				
USA, MI	419.0	RYS	Grosse Ile' Detroit / Grosse Ile					10	23	07	05		05	04	08				09	10	18	04	07	09	03	00	01	09		09		
USA, MN	404.0	XCR	Ripley' Little Falls					09						07					07	10	00		03		04			09				
USA, MS	413.0	MC	Ferni' Mc Comb											02							04		03							07		
USA, MT	414.0	LYI	Libby			06	08	04							13	04		07													03	05
USA, NC	410.0	JU	Ashee' West Jefferson							07	04		06	02	09					10	04	10	03		03	00	00	09	23	05		
USA, NC	412.0	CTZ	Clinton						04		05			08						10			03	09		00	00	09	23	08		
USA, NC	417.0	HQT	Harnett' Coats					10	02		04			03						10	01		03	08		00	00	09	00	08		
USA, NC	417.0	SLP	First River' Shelby						02	07	04			02	09				07	10	01		04	08		00	06	09	00	08		
USA, NE	400.0	AHQ	Wahoo				08	04		07			04	02	07	09	06	09	14	18	00	20	07		17	09		09		02		05
USA, NE	407.0	PLT	Platte Center' Columbus					10						05	07				02	10	04	00	11		17			09		05		06
USA, NE	414.0	GRN	Gordon				08	04					06	03	03	07	06	06	14	10	01	04	11		17	08		09		06	08	06
USA, NE	416.0	LB	Panbe' North Platte					10					05	03	07	09		06	14	10	04	09	03		17			09		10	09	06
USA, NM	402.0	CV	Carlz Carlsbad					09					05	01	03		04	06	01	11	03	03	03		03					08		
USA, NM	414.0	ATS	Artesia					08					05	01	03	07	06	04	12	10	04	04	10		03			09		05		05
USA, NY	407.0	FR	Frikk' Farmingdale						03		05															00		09	22			
USA, OH	407.0	IL	Arbo' Wilmington						01		05				09				02	10	18		11	09	03	01		09	01	09		
USA, OK	400.0	AI	Addmo' Ardmore										01	05	04				01		02	02	10		03					19		07
USA, SC	400.0	LKR	Lancaster																				04			02		09				
USA, TX	400.0	ROB	Robinson' Waco					11					05	01	11				02		04	04	03		03					19		
USA, TX	410.0	GG	Veels' Longview					10					06	02					02		04		04					09		19		
USA, WA	408.0	MW	Pelly' Moses Lake			06	08	04					05	02	03	06	06	04	12	11					03						03	05
USA, WI	407.0	AQ	Kooky' Appleton																									23				
USA, WI	412.0	CMY	Mc Coy' Sparta											08				06		18	18				03							
XUN	410.0	TEST	UNID											08					09		05							09		05		
XUP	400.0	TST	UNID		15																											
Cou, S/P	**QRG**	**ID**	**Name**	**AUS SA rw**	**AUS TA et**	**CAN BC bt**	**CAN BC ke**	**CAN BC sm**	**CAN NS vm**	**CAN ON sn**	**CAN QC ky**	**HWA mx**	**USA AZ bc**	**USA AZ sr**	**USA CA mo**	**USA CA ha**	**USA CA od**	**USA CA pa**	**USA CO ac**	**USA IL dt**	**USA IL fy**	**USA KS gu**	**USA MO dp**	**USA NC ws**	**USA NE dn**	**USA NH jc**	**USA NJ rs**	**USA OH ra**	**USA PA el**	**USA TX du**	**USA UT mu**	**USA WA so**

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 BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so
ALS	Alaska, AK			1	1	2				2			2	1																2
AUS	Australia, NN	2											1																	
AUS	Australia, NW	3	5																											
AUS	Australia, QD	3	2																											
AUS	Australia, SA	1	1																											
AUS	Australia, VI	1	1										1																	
AUS	Australia, WE	1	1																											
AUT	Austria						1																							
BRA	Brazil						2																							
CAN	Canada, AB			3	4	5						4	4	4		4	5	3	2	1	2		1			1	2	1	5
CAN	Canada, BC			3	3	3	1			1	1	2	3	3	1	2	2	2	1	1	1		1			1	2	1	3
CAN	Canada, ON				1	4	4	5	5		2	3	3	2	1	3	3	5	5	2	5	1	2	5	1	5	5	1	2
CAN	Canada, QC					1	2	1	2			1	1				1	1	1	1	1	1		2	1	2	2		
CAN	Canada, SK			1	3	3				1	1	3	3	3	1	1	3	3	3	1	3		2			3	1	3	1	3
CHN	China												1																	
CYM	Cayman Islands				1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1
EQA	Ecuador																							1		1				
ESP	Spain						5																							
FJI	Fiji		1																											
FRA	France						3																							
HRV	Croatia						1																							
ITA	Italy						1																							
MDW	Midway Island												1																	
NCL	New Caledonia		1																											
SAR	Sardinia						1																							
SMA	Samoa, American		1							1			1																	
SPM	St Pierre Et Miquelon						1																	1						
SRB	Serbia (Yugoslavia)						1																							
TWN	Taiwan												1																	
USA	USA																					1								
USA	USA, AR																				1						1			
USA	USA, AZ					2					2	2	1	2	2	2	2	1					2					2	2	
USA	USA, CA			1	1	1				1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	
USA	USA, CO				1	2					2	2	2	2	2	2	2	2	2	2	2		1			2	2	1	2	
USA	USA, FL																									1				
USA	USA, GA					1		1	1		2	3				2	3	3			3	1	1	2		4	2	4		
USA	USA, IA					1	1	1			1	1	1	1		1	1	1	1	1	1		2	1	1	1	1	1		1
USA	USA, IL																	1	1		1			1		1				
USA	USA, IN					1	1	1	1		1	2	1	1		2	2	2	1	2	1		2	2	2	2	2			
USA	USA, KS				1	3					4	4	1	2	1	2	4	4	4	3	4		4	1		2		4	1	2
USA	USA, KY																	1	1		1					1		1		
USA	USA, LA					1	2				2	2	2		1		1	2	2	2	2		2	1		2		2		1
USA	USA, MD						1		1									1	1			2		2	2	1	2			
USA	USA, MI					2	2	2	2		1	1	1				1	2	2	1	2	1	2	2	1	3		2		1
USA	USA, MN					1						1					1	1	1		1		1			1				
USA	USA, MS											1							1		1						1			
USA	USA, MT			1	1	1							1	1		1												1	1	
USA	USA, NC					1	3	2	4		1	4	2				1	4	3	1	4	3	1	4	4	4	4	4		
USA	USA, NE				2	4		1			3	4	4	3	2	3	4	4	4	4	4		4	2		4		4	2	4
USA	USA, NM					2					2	2	2	1	2	2	2	2	2	2	2		2			1		2		1
USA	USA, NY						1		1															1		1	1			
USA	USA, OH						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
USA	USA, SC																				1			1		1				
USA	USA, TX					2					2	2	1				2		2	1	2		1			1		2		
USA	USA, WA			1	1	1					1	1	1	1	1	1	1	1					1			1			1	1
USA	USA, WI											1				1		1	1				1				1			
XUN	UNID (N.America?)											1					1		1							1		1		
XUP	UNID (Oceania?)		1																											
Cou	Cou-Name	AUS SA rw	AUS TA et	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so

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 ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so
00:00 - 00:59		1																6	1	1			8	6		7			
01:00 - 01:59						5					12					3	1	13					12	1		2			
02:00 - 02:59						8		4			12			1		6		2	3				2				1	5	
03:00 - 03:59						7					6	17						3	6	16		26				2		6	
04:00 - 04:59					18	3		6		2	8	1	3	7	10	2		12	9	8		2		2					13
05:00 - 05:59			2		1	6		6		22	5		1		2	5		6									11		14
06:00 - 06:59			7					2		6	2		9	8	4									3					6
07:00 - 07:59	2		2		3		14	1	2		2	5	6		5	7				5			1		2	6			1
08:00 - 08:59		1		20	2		1		2		3	2			3	6			1		3		3		2	11	1		
09:00 - 09:59		1			5							7	5		2	4			2		9		6		48	2	6	1		
10:00 - 10:59	6	1			14							1	3		1		36		1	7							11			
11:00 - 11:59		8			1							3					6			13										
12:00 - 12:59	1											2	2			5														
13:00 - 13:59					1							8																		
14:00 - 14:59									2							7														
15:00 - 15:59	2	1																												
16:00 - 16:59																														
17:00 - 17:59		1																				9								
18:00 - 18:59																	7	8												
19:00 - 19:59																										1				
20:00 - 20:59																			4					1						
21:00 - 21:59																						1								
22:00 - 22:59																										2				
23:00 - 23:59						7																			3	4				
UTC (hh)	AUS SA rw	AUS TA et	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so
NDBs	11	14	11	20	45	36	15	19	6	31	50	46	29	16	27	45	50	50	27	50	12	38	32	13	51	23	51	13	34

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 ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so	NDBs
14	400.0		1	1	3	6	4	2	2	1	6	7	6	3	3	4	7	6	8	5	8	1	6	5	1	6	2	7	1	6	14
6	401.0	2	1			1	4	1	2		1	2	2	1		1	2	2	2	1	2		2	3	1	3	3	3		1	6
6	402.0		1		2	3	2				1	3	3	2	1	1	3	3	3	1	3		2	1		2		3		2	6
3	403.0		1			2		1	1	1	1	1	1	1	1	1	2	1			1		1	1		1	1	1		1	3
8	404.0	2	2	1	1	3	2			2	2	3	2	1	1	1	3	3	3	2	3		3	1		3		2	1	2	8
4	405.0		1	1	2	2						1	2	2		1	2	1	1	1	1		1			2		1		2	4
3	406.0			2	2	2	1			1	1	2	2	2	1	2	2	2	1	1	1		1			1	1	1	1	2	3
16	407.0	4	3			4	5	1	3		3	6	7	2	2	2	5	7	7	4	7	4	5	6	2	10	5	6	2	3	16
5	408.0			2	3	3	2	1	1		2	3	3	3	2	3	3	4	3	1	3		2	2		2	1	3	3	3	5
1	409.0					1	1	1	1			1	1			1	1	1	1		1	1		1	1	1	1	1			1
7	410.0			1	1	3	1	2	2		3	5	3	2		1	4	3	4	2	3	1	2	2	2	5	2	5		1	7
2	412.0						1		1			2				1		2	1		1	1	1	1	1	1	1				2
4	413.0	2	2		1	1	1	1	1		1	2	1	1	1	1	1	1	2	1	2		1	1		1	1	2	1	1	4
8	414.0			3	4	6				1	3	3	5	5	2	3	3	4	4	2	4		4	1		3		4	2	5	8
5	415.0				1	2	2	2	2		2	2	2	1	1	1	2	2	2	1	2	1	2	2	1	2	2	2		2	5
4	416.0	1	2			1	1				1	1	1	1		1	1	1	1	1	1		1			1		1	1	1	4
7	417.0					2	6	2	2		1	3	3	1		1	2	3	3	1	3	2	1	3	3	3	3			1	7
4	418.0					1	2				1	1	1		1		1	1	1	1	2		1	1		2		2		1	4
3	419.0					2	1	1	1		2	2	1	1		1	2	2	2	2	2	1	2	1	1	2		3			3
NDBs	QRG	AUS SA rw	AUS TA et	CAN BC bt	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	CAN QC ky	HWA mx	USA AZ bc	USA AZ sr	USA CA mo	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA KS gu	USA MO dp	USA NC ws	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA UT mu	USA WA so	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
407.0	CO	Petey' Colorado Springs		USA	dn	1407
400.0	TST	UNID		XUP	et	1532
402.0	OA	Ouvea		NCL	et	1106
405.0	VK	Navakai		FJI	et	1107
400.0	MDY	Midway' Gooneyville (Sand Island)		MDW	mo	1323
405.0	5	Jupiter	FL	USA	ra	2358
407.0	AQ	Kooky' Appleton	WI	USA	ra	2358
400.0	AG	Agen / La Garenne		FRA	vm	0108
400.0	GJM	Guajara (RO)		BRA	vm	0520
401.0	COA	La Coruna		ESP	vm	0057
402.0	CAR	Villasimius / Capo Carbonara (CA)		SAR	vm	0027
404.0	AGO	Angouleme / Brie Champniers		FRA	vm	0149
404.0	LRD	Lerida		ESP	vm	2332
406.0	TW	Toulouse / Blagnac		FRA	vm	0027

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE238 - 400-419,9 kHz - 23.11.2018 - 26.11.2018
NOW	CLE254 - 400-419,9 kHz - 27.03.2020 - 30.03.2020

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	1417	1441	17	16	12	11	2651	2651
CAN, BC bt	2364	974	99	10	42	11	8714	1572
CAN, BC sm	2279	2063	123	91	54	45	5036	5036
CAN, NS vm	2172	3348	89	121	41	36	5051	7638
CAN, ON sn	1092	858	33	13	30	15	3473	2615
CAN, QC ky	1056	1002	26	19	25	19	2921	2921
HWA mx	5248	4459	52	27	10	6	8036	5483
USA, AZ sr	2235	2016	152	97	68	50	4940	3571
USA, CA ha	1793	1883	29	53	16	29	3290	4629
USA, CA pa	2028	1917	65	50	32	27	4390	4390
USA, CO ac	1391	1331	81	57	58	45	3280	3280
USA, IL dt	1125	1224	82	60	73	50	2776	2776
USA, IL fy	1136	1177	80	58	70	50	2972	2972
USA, MO dp	1100	1147	77	57	70	50	2945	2945
USA, NC ws	973	665	26	8	27	12	3121	1761
USA, NE dn	990	1070	23	41	23	38	2166	3040
USA, NH jc	1571	1448	83	46	53	32	5106	5106
USA, NJ rs	769	825	14	11	18	13	2201	2201
USA, TX du	1591	1409	116	69	73	51	7357	3133
USA, WA so	1601	1670	45	55	28	34	4907	4907
Averages:	1696	1596	66	48	41	31	4267	3631
% Increase:		-6		-27		-24		-15

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		2257		29		14		5103
CAN, BC ke		1050		20		20		4592
USA, AZ bc		1695		53		31		3386
USA, CA mo		3276		147		46		12594
USA, CA od		1718		27		16		4092
USA, KS gu		1122		30		27		2619
USA, OH ra		1332		67		51		4335
USA, PA el		1059		24		23		3931
USA, UT mu		997		13		13		1764
Averages:		1612		46		27		4713
% 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.