

USA	USA, GA				1	2								4		3		3	1	4	4	1	4							2			
USA	USA, IL		3	1	1				3				3	3	3	3	2	1	3	3			3	3							3		
USA	USA, IN			1										1		1		1													1		
USA	USA, KY													1	1																1		
USA	USA, LA		1						1					1	1		2	1					1	2							1		
USA	USA, ME			1		1																	1								1		
USA	USA, MI			1		2			1					2	2	2	2	2	2	2	2	2	1	1							2		
USA	USA, MN	2	3	2	2		2	3	1	2	2	1	2	3	3	3	2	2	2	2	2	1	1								2		
USA	USA, MS													1																	1		
USA	USA, MT	1	1	1					1	1	1	1	1	2	1	1	1	1	1	1	1	3									1		
USA	USA, NC			1	1																1	3	3	3							1		
USA	USA, NE		3						1	3	2	1	3	2	2	2	3	1	1	2	1	2	3								2		
USA	USA, NJ		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		
USA	USA, NY			1	1									1	1			1	1	1	1	1	1								1		
USA	USA, OH			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		
USA	USA, OR		2							2	2	2	2																			2	
USA	USA, SC																															2	
USA	USA, TX			1					4	4	1	1	2		4	2	2	2	3	4		2	2									1	
USA	USA, VA				1					1					1			1	1	1	1											1	
USA	USA, WA	2	2		1	1			2	2	1	2	1	2	1	1	1	1	1	1	1	1	1									2	
USA	USA, WI					3			1					1	3	2	3	3					3										3
VOI	Volcano Islands / Iwo Jima (JPN)	1							1																								
Cou	Cou-Name	AUS SA rw	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX ch	USA TX du	USA VT se	USA WA rt	USA WA so	USA WA wo	USA WI zi				

LISTENING TIMES:

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

UTC (hh)	AUS SA rw	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX ch	USA TX du	USA VT se	USA WA rt	USA WA so	USA WA wo	USA WI zi			
00:00 - 00:59																		8							3						
01:00 - 01:59				2	3									18	13	10	14			4		5	16	10	3					3	
02:00 - 02:59				2	9																										
03:00 - 03:59				4																											
04:00 - 04:59			1	4							4									2	19		7	4		1		15	7		
05:00 - 05:59			2	4																											
06:00 - 06:59			13	6			12	7		11	11	1	2	15	6	7	2										12	5	8		
07:00 - 07:59			26		18		7	2		14	8	5	3						4							11	1		6		
08:00 - 08:59		14		2		1			2	3																4					
09:00 - 09:59			2							3				9						24						1					
10:00 - 10:59	2		2																												
11:00 - 11:59			1									1																			
12:00 - 12:59	3		1			3		1													17						2				
13:00 - 13:59						1																									
14:00 - 14:59	4																														
15:00 - 15:59	6			3																											
16:00 - 16:59																												5		3	
17:00 - 17:59															3	3						1								5	
18:00 - 18:59																															
19:00 - 19:59																															
20:00 - 20:59																															
21:00 - 21:59																															
22:00 - 22:59																															
23:00 - 23:59																				1				1							
UTC (hh)	AUS SA rw	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	USA AZ bc	USA AZ sr	USA CA em	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL fy	USA KS gu	USA MO dp	USA NE dn	USA NH jc	USA NJ rs	USA OH ra	USA PA el	USA TX ch	USA TX du	USA VT se	USA WA rt	USA WA so	USA WA wo	USA WI zi			
NDBs:	15	14	48	33	30	9	19	45	16	27	26	27	36	53	22	43	40	36	12	49	33	32	60	7	33	22	5	40			

NDB COUNTS, BY FREQUENCY:

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

NDBs	QRG	AUS	CAN	CAN	CAN	CAN	HWA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	NDBs
		SA	BC	BC	NS	ON	mx	AZ	AZ	CA	CA	CA	CA	CO	IL	KS	MO	NE	NH	NJ	OH	PA	TX	TX	VT	WA	WA	WA	WA	WI		
		rw	ke	sm	vm	sn		bc	sr	em	ha	od	pa	ac	fy	gu	dp	dn	jc	rs	ra	el	ch	du	se	rt	so	wo	zi			
7	350.0	1		5	4	3	1	1	3	1	1	1	2	3	4	2	3	4	4		4	3	2	3	3	2				4	7	
3	351.0		1	2	2	2		2	3	1	1	2	2	2	3	1	2	3	2	2	2	2	1	3	1	1				2	3	
3	352.0			1			1	1	1					1	1	1	1	1			2	2	2	2						1	3	
11	353.0	1	3	6	2	3	1	3	6	2	5	3	2	4	4	3	5	4	4		4	2	3	6	6	6	4	1	3	11	11	
1	354.0	1																													1	1
3	355.0			1			1		1		1		1		1						1	1								1	3	
16	356.0	2	2	8	4	6	2	2	7	2	4	6	5	5	6	3	6	5	5	3	3	5	4	5	7	2	6	4	1	4	16	
1	357.0														1																1	1
3	358.0	1		2	1		1		1	1	1		1		1						1	1					2	1		3	3	
11	359.0	2	1	4	2	1	1	1	4	3	3	3	3	2	3	2	3	3	2	1	4	2	5	4	4	2			3	11		
8	360.0	1		2	3	1	1	1	3				1	1	4	2	2	2		1	2	2	2	6	1	4	2		3	8	8	
3	361.0			2	1	1			1	1	1			1	1	1	1		1	1	1	1	2	1	1	1	1	1	1	3	3	
12	362.0	1	2	4	4	4		2	4	2	4	3	3	5	8	3	6	6	6	1	8	5	2	10	1	3	2	1	5	12	2	
2	363.0			1	2	2		1	1					1	1	1	1		2	1	2	1	1	1	1				1	2	2	
2	364.0	2																													2	2
12	365.0	1	2	5	3	3		3	5	2	2	4	3	6	7	3	6	5	4	1	6	5	5	7	3	2	1	6	12	12		
6	366.0	2	1	1	4	2		1	1	1	1	1	1	1	2	1	2	1	3	2	3	2	1	2	1	1	1	2	6	6	5	
5	368.0		2	3		1		1	4	1	1	2	2	4	5	1	3	4	1	2	1	2	5			2	2	1	4	5	5	
1	369.0			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
NDBs	QRG	AUS	CAN	CAN	CAN	CAN	HWA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	NDBs	
		SA	BC	BC	NS	ON	mx	AZ	AZ	CA	CA	CA	CA	CO	IL	KS	MO	NE	NH	NJ	OH	PA	TX	TX	VT	WA	WA	WA	WA	WI		
		rw	ke	sm	vm	sn		bc	sr	em	ha	od	pa	ac	fy	gu	dp	dn	jc	rs	ra	el	ch	du	se	rt	so	wo	zi			

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	S/P	ITU	Rptr	UTC
359.0	YQZ	Quesnel	BC	CAN	ch	0418
365.0	TOI	"Blood" Troy	AL	USA	du	0215
355.0	SNO	Santo Domingo		CHL	du	0429
362.0	EW	"Kaffi" New Bern	NC	USA	jc	0845
352.0	RG	Nikau (Rarotonga Island)		CKS	mx	1232
359.0	SDY	Sidney	MT	USA	pa	0802
353.0	ZXY	Klondike (Whitehorse)	YT	CAN	rt	1202
356.0	TN	Tindal	NN	AUS	rw	1554
359.0	NWA	Nowra	NW	AUS	rw	1010
365.0	WLM	Williamtown	NW	AUS	rw	1559
353.0	LRE	Longreach	QD	AUS	rw	1553
356.0	HID	Horn Island	QD	AUS	rw	1010
364.0	CS	Cairns	QD	AUS	rw	1559
350.0	ESL	East Sale	VI	AUS	rw	1552
359.0	GEL	Geraldton	WE	AUS	rw	1556
354.0	FND	La Tontouta		NCL	rw	1410
358.0	NL	Newlands		NZL	rw	1210
362.0	WK	Whakatane		NZL	rw	1410
364.0	MI	Momi		FJI	rw	1410
366.0	SF	Springfield		NZL	rw	1410
366.0	TU	Timaru		NZL	rw	1210
361.0	HI	Holman	NT	CAN	sm	0700
356.0	SUH	"Sprucehead" Rockland	ME	USA	sn	0318
366.0	ZMN	Lewisville (Moncton)	NB	CAN	vm	1548
350.0	LPZ	La Paz		BOL	vm	0200
359.0	NA	Narsarsuaq (Kitaa)		GRL	vm	0622
360.0	HT	Horta / Faial Island		AZR	vm	0052

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE250 - 350-369.9 kHz	22.11.2019 - 25.11.2019
NOW	CLE266 - 350-369.9 kHz	26.03.2021 - 29.03.2021

Listener	Av km	Av km	Total	Total	NDBs	NDBs	Max km	Max km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, SA rw	1818	2713	11	41	6	15	2359	6586
CAN, BC ke	1521	1006	53	14	35	14	5999	2969
CAN, BC sm	2438	2311	146	111	60	48	8586	7019
CAN, NS vm	2507	2160	175	71	70	33	7798	6874
CAN, ON sn	1385	1250	90	38	65	30	5016	5016
HWA mx	4415	4331	49	39	11	9	6201	6201
USA, AZ bc	2219	2163	82	41	37	19	5192	5014
USA, AZ sr	2598	2599	190	117	73	45	10096	10096
USA, CA ha	1976	2378	51	64	26	27	3866	6338
USA, CA od	2308	2458	58	64	25	26	5662	5884
USA, CO ac	1775	1692	121	61	68	36	5336	5300
USA, IL fy	1370	1271	107	67	78	53	4921	4921
USA, MO dp	1211	1203	80	52	66	43	4666	4666
USA, NE dn	1513	1449	91	58	60	40	5764	5185
USA, NH jc	1462	1526	76	55	52	36	5070	5070
USA, NJ rs	1183	1115	20	13	17	12	3651	2741
USA, OH ra	1395	1298	93	64	67	49	4638	4638
USA, TX ch	2347	2062	169	66	72	32	5431	4461
USA, TX du	1840	1835	147	110	80	60	7704	7704
USA, WA rt	1892	1782	78	59	41	33	8464	4316
USA, WA so	2037	1497	88	33	43	22	8476	4299
USA, WI zi	1068	1206	46	48	43	40	3792	5057
Averages:	1922	1878	92	58	50	33	5849	5471
% Increase:		-2		-36		-34		-6

Listener	Av km	Av km	Total	Total	NDBs	NDBs	Max km	Max km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
USA, CA em		2329		37		16		3907
USA, CA pa		2542		69		27		6127
USA, KS gu		1112		24		22		2960
USA, PA el		1310		43		33		4720
USA, VT se		558		4		7		861
USA, WA wo		281		1		5		691
Averages:		1355		30		18		3211
% 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 aeriels, 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 aeriels, 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. Another recent reason for differences, especially in Europe, is the use of programs which can 'hear' and identify NDBs, replacing traditional listening with human ears!

