

COMBINED RESULTS  
Rest of the World

For overall statistics, please see the covering email.

Reporters:

- AUS, SA rw Bob Warren, Blakeview, Adelaide
- CAN, BC bt Brian Butler, Hazelton
- CAN, BC co Dan Collier, Vancouver - while at Univ. ARC
- CAN, BC ke Ken Betenia, Cranbrook
- CAN, BC sm Steve McDonald, Mayne Island
- CAN, NS vm Vernon Matheson, Truro
- CAN, ON sn Shaun Boland, Hamilton
- HWA mx Mike Tuggle, Kaneohe, Hawaii
- NZL ch Chuck Dobbins, via Kiwi-SDR at 'Bay of Islands', NZL (rNZLbi / RF74br)
- USA, AZ kw Kirk Wines, Tucson
- USA, AZ sr Steve Ratzlaff, Near Sahuarita, SE Arizona
- 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, NE dn Don Tomkinson, Gothenburg
- USA, NH jc John Collins, Charlestown
- USA, NJ ge George Muha, Cream Ridge
- USA, TX du Douglas Springfield, New Chapel Hill, NE Texas
- USA, UT mu Mark Moulding, Ogden, Northern UT
- USA, WA jb Joe Miller, via Kiwi-SDR at 'Bellingham, WA', USA, WA (rWAbe / CN88rs)
- USA, WA so Steven O'Kelley, The Dungeon, Nr Seattle
- USA, WI i7 Steve Zimmerman, while at Mazomanie

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  
( ndbcleat@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 bt	CAN BC co	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	NZL ch	USA AZ kw	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA NJ ge	USA TX du	USA UT mu	USA WA jb	USA WA so	USA WI i7	
ALS, AK	251.0	OSE	"Oscarville" Bethel					09																					
ALS, AK	429.0	BTS	"Wood River" Dillingham			11		11																					
AUS, NW	242.0	PKS	Parkes	12								11																	
AUS, NW	251.0	DU	Dubbo	12								11																	
AUS, QD	242.0	KOW	Kowanyama	12								11																	
AUS, QD	254.0	OK	Oakey	11																									
AUS, QD	257.0	RK	Rockhampton	12								12																	
AUS, SA	248.0	WR	Woomera	04								13																	
AUS, TA	242.0	LT	Launceston	12								13																	
AUS, WE	240.0	ABA	Albany	12																									
AUS, WE	245.0	HLC	Halls Creek	12																									
AUS, WE	251.0	MEK	Meekatharra	12																									
CAN, AB	241.0	YLL	Lloydminster			06	10	05										10	10									07	
CAN, AB	248.0	QL	Lethbridge		06	05	10	11						05	05		04	10	10		06					07		04	
CAN, AB	254.0	SM	Fort Smith			06	10	06																		07		05	



USA, SD	245.0	FS	"Rokky" Sioux Falls			07	10	09					05				10	17	17	00	08		09					04	18
USA, TN	242.0	MMI	"Mc Minn Co." Athens																06		08								
USA, TX	242.0	EL	"Valtr" El Paso					11					19	14	07	05	06	10	10	06	07			06	07				
USA, TX	245.0	ARM	Wharton											09				10		09									
USA, TX	248.0	PQF	Mesquite										11	09				10	09	09									
USA, TX	251.0	AM	"Pande" Amarillo					10					05	05	04	08	04	10	17	03	06					07		07	
USA, TX	253.0	OC	"Nados" Nacogdoches															10											
USA, TX	257.0	DT	"Pinck" Denton															10	10	10									
USA, VA	245.0	LUA	"Caverns" Luray			05		04								07						07							
USA, WA	240.0	BVS	"Skagit / Bay View" Burlington / Mt Vernon														07		05								04	21	
Cou, S/P	QRG	ID	Name	AUS SA rw	CAN BC bt	CAN BC co	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	NZL ch	USA AZ kw	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA NJ ge	USA TX du	USA UT mu	USA WA jb	USA WA so	USA WI 17	

**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 bt	CAN BC co	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	NZL ch	USA AZ kw	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA NJ ge	USA TX du	USA UT mu	USA WA jb	USA WA so	USA WI 17			
ALS	Alaska, AK			1		2																							
AUS	Australia, NW	2																											
AUS	Australia, QD	3																											
AUS	Australia, SA	1																											
AUS	Australia, TA	1																											
AUS	Australia, WE	3																											
CAN	Canada, AB		1	4	4	5																							
CAN	Canada, BC		6	6	3	6																							
CAN	Canada, MB			2	2	2				1																			
CAN	Canada, NL																												
CAN	Canada, NT					1															3								
CAN	Canada, NU									1																			
CAN	Canada, ON			1		2				4							2	3	2	1	5	1	1				2	1	
CAN	Canada, QC						2			2								1	1		2	1							
CAN	Canada, SK		1	1	1	1					1	1	1		1	1	1	1	1					1	1		1	1	
CAN	Canada, YT		1	1		1																							
HWA	Hawaii, HI									1																			
INS	Indonesia	1																											
NCL	New Caledonia																												
NZL	New Zealand																												
USA	USA, AZ																1												
USA	USA, DE																												
USA	USA, GA																												
USA	USA, IA																	1	1	1	1								2
USA	USA, IL																2	3	3										4
USA	USA, IN																	2	2										2
USA	USA, KS																			1									
USA	USA, KY																												
USA	USA, ME																					1							
USA	USA, MI																												
USA	USA, MN							3									1	1											2
USA	USA, MO								1																				2
USA	USA, MS																												
USA	USA, NC									1																			
USA	USA, NE																												
USA	USA, NJ																												
USA	USA, NM																												
USA	USA, OH																												
USA	USA, OK																												4
USA	USA, SC																												
USA	USA, SD			1	1	1																							1
USA	USA, TN																												1
USA	USA, TX																												1
USA	USA, VA																												
USA	USA, WA			1		1																					1	1	



1	269.0																													1	1
4	420.0											1				1	1	2		2									1	4	
2	423.0											2																	1	2	
1	426.0																												1	1	
1	428.0																												1	1	
1	429.0																												1	1	
1	432.0			1			1																						1	1	
NDBs	QRG	AUS SA rw	CAN BC bt	CAN BC co	CAN BC ke	CAN BC sm	CAN NS vm	CAN ON sn	HWA mx	NZL ch	USA AZ kw	USA AZ sr	USA CA ha	USA CA od	USA CA pa	USA CO ac	USA IL dt	USA IL fy	USA NE dn	USA NH jc	USA NJ ge	USA TX du	USA UT mu	USA WA jb	USA WA so	USA WI i7	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
242.0	PP	Paraparaumu		NZL	ch	1155
254.0	AS	Ashburton		NZL	ch	1226
254.0	WI	Waiuku		NZL	ch	1158
256.0	TH	Touho		NCL	ch	1201
420.0	PK	Olathe	KS	USA	dn	0522
242.0	LE	"Blayd" Lexington	KY	USA	fy	1743
248.0	IL	"Hadin" Wilmington	DE	USA	ge	0509
432.0	IZN	Lincolnton	NC	USA	ge	0511
269.0	BEX	Bloomfield	IA	USA	i7	1418
263.0	CVM	"Civic Memorial" Alton	IL	USA	i7	1416
263.0	GR	"Knobs" Grand Rapids	MI	USA	i7	1416
260.0	ST	"Tario" Saint Joseph	MO	USA	i7	1414
245.0	JYL	Sylvania	GA	USA	jc	0823
240.0	LE	"Lewie" Auburn (Lewiston)	ME	USA	jc	0039
254.0	LLW	"Woodville" Elizabeth City	NC	USA	jc	0101
247.0	YDP	Nain	NL	CAN	jc	0732
250.0	YMH	Mary's Harbour	NL	CAN	jc	0043
257.0	YR	"Goose" Goose Bay	NL	CAN	jc	0126
257.0	YXR	Earlton	ON	CAN	jc	0821
245.0	UDG	Darlington	SC	USA	jc	0136
245.0	LUA	"Caverns" Luray	VA	USA	jc	0734
242.0	HN	"Ewabe" Honolulu	HI	HWA	mx	0608
254.0	OK	Oakey	QD	AUS	rw	1131
240.0	ABA	Albany	WE	AUS	rw	1200
245.0	HLC	Halls Creek	WE	AUS	rw	1207
251.0	MEK	Meekatharra	WE	AUS	rw	1215
255.0	SO	Solo	INS		rw	1534
256.0	EB	"Namao" Edmonton	AB	CAN	sm	1030
251.0	OSE	"Oscarville" Bethel	AK	ALS	sm	0900
254.0	EV	Inuvik	NT	CAN	sm	0930
241.0	YGT	Igloodik	NU	CAN	sn	0511

**FREQUENCIES REVISITED - Progress Statistics**

(Please see the explanation below)

**THEN** CLE230 - 240-259.9 kHz / 420-439.9 kHz - 23.03.2018 - 26.03.2018  
**NOW** CLE246 - 240-259.9 kHz / 420-439.9 kHz - 26.07.2019 - 29.07.2019

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, SA rw	1356	1727	9	19	7	11	2125	4154
CAN, BC bt	903	787	6	7	7	9	1467	1418
CAN, BC co	844	1130	10	20	12	18	2292	3043
CAN, BC sm	1671	1602	60	46	36	29	4292	3268
CAN, NS vm	1143	786	22	2	19	2	2586	828
HWA mx	3759	28	19	0	5	1	6110	28

NZL ch	2124	2091	121	21	57	10	5420	3901
USA, AZ sr	2218	1567	129	27	58	17	4312	2635
USA, CO ac	1400	1282	66	36	47	28	2614	2110
USA, IL dt	1081	1007	72	34	67	34	2693	2693
USA, NE dn	1163	1086	43	17	37	16	2272	2748
USA, NH jc	1257	1167	60	34	48	29	3354	2286
USA, NJ ge	862	493	10	2	12	5	1472	920
USA, TX du	1605	1125	119	19	74	17	6670	3031
USA, WA jb	739	70	8	0	11	2	1517	106
USA, WA so	973	1228	15	23	15	19	2187	3004
<b>Averages:</b>	1444	1073	48	19	32	15	3211	2261
<b>% Increase:</b>		-26		-60		-52		-30

Listener	Av km		Total km x		NDBs		Max km	
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CAN, BC ke		717		8		11		1600
CAN, ON sn		1000		13		13		2911
USA, AZ kw		882		5		6		2248
USA, CA ha		1476		15		10		1915
USA, CA od		1102		3		3		1501
USA, CA pa		1666		23		14		2667
USA, IL fy		912		31		34		2316
USA, UT mu		1370		18		13		2086
USA, WI i7		549		12		22		1142
<b>Averages:</b>		1075		14		14		2043
<b>% Increase:</b>								

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.