NDB LIST CLE No. 268 275 - 425 kHz 28.05.2021 - 31.05.2021
'CHANNELS CHALLENGE'

We were listening for one NDB in each of the 151 'Channels' in the range 275 - 425 kHz

COMBINED RESULTS
Rest of the World

For overall statistics, please see the covering email.

Reporters:

AUS, SA	rw	Bob Warren, Blakeview
CAN, NS	vm	Vernon Matheson, Truro
CAN, ON	sn	Shaun Boland, Hamilton
HWA	mx	Mike Tuggle, Kaneohe, Hawaii
USA, AZ	sr	Steve Ratzlaff, Near Sahuarita, SE Arizona
USA, CA	ha	Bill Haddon, Kelseyville
USA, CA	od	Frank O'Donnell, South Pasadena
USA, CO	ac	Anthony Casorso, Westminster
USA, IL	dt	Dave Tomasko, Galena
USA, IL	fy	Joe Farley, Downers Grove
USA, MO	dp	Dick Palmer, Wentzville
USA, NE	dn	Don Tomkinson, Gothenburg
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, VT	se	Stephen Howe, Saint Albans, VT
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'ndblist.info - replace the 'at' by an @ symbol)

BEACONS HEARD by 'CHANNEL'
and NDB counts by frequency

QRG	AUS SA rw	CAN NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so	QRG	NDBs
275.0		CAN R1	CAN R1		USA GEY	USA GEY	USA GUY	USA GEY	USA DE	USA DE	USA DE	USA GUY		USA GUY	CAN R1	USA GUY	CAN R1	USA GEY	**275.0**	**4**
276.0	AUS TVL	CAN YHR	CAN YHR						CAN YEL	CAN YEL			CAN YHR	CAN YEL	CAN YHR		CAN YHR		**276.0**	**3**
277.0								USA OT	USA OT	USA OT	USA OT	USA OT		USA OT	USA OT				**277.0**	**1**
278.0	AUS PBO	CAN NM	CAN NM		USA CEP		USA CEP	USA CEP	USA ADG	USA ADG	USA ADG	CAN NM	USA EOE	CAN NM	USA ADG	USA IL	CAN NM		**278.0**	**6**

279.0		GRL SI																	**279.0**	**1**
280.0		CAN QX	CAN QX					USA GYZ	USA GYZ			USA GYZ	CAN QX		CAN QX				**280.0**	**2**
281.0		CAN CA	CAN CA											CAN CA	CAN CA	USA CX			**281.0**	**2**
282.0												USA ROS							**282.0**	**1**
283.0	THA PH																		**283.0**	**1**
284.0		CAN RT	CAN QD			CAN QD		CAN QD	CAN QD	CAN QD		CAN QD		USA RQY	USA RQY			CAN QD	**284.0**	**3**
285.0		BRA DOU																	**285.0**	**1**
287.0	AUS LEC							CAN ZWG	CAN ZWG										**287.0**	**2**
289.0		CAN YLQ	CAN YLQ					CAN YLQ	CAN YLQ	CAN YLQ			CAN YLQ	CAN YLQ	CAN YLQ		CAN YLQ		**289.0**	**1**
290.0	INS LW	CAN QR			CAN YYF	CAN QR	CAN YYF	CAN YYF	CAN YYF	CAN QR		CAN QR						CAN QR	**290.0**	**3**
292.0								CAN ZET										CAN ZET	**292.0**	**1**
293.0	AUS CDU				USA TOR	USA TOR	USA TOR	USA TOR	USA TOR	USA UI	USA FBY	USA UI		USA UI	USA UI			CAN MB	**293.0**	**5**
295.0		BRA ATM							CAN 8C										**295.0**	**2**
296.0					USA LGD			USA LGD										USA LGD	**296.0**	**1**
298.0		GRL KU						CAN 3N											**298.0**	**2**
299.0	AUS CWR								USA HW	USA HW				USA VV	USA HW				**299.0**	**3**
300.0	INS OY	CAN YIV	CAN YIV					CAN YIV	CAN YIV	CAN YIV		CAN YIV		CAN YIV					**300.0**	**2**
302.0	AUS WYY	CAN QW				CAN QW		CAN QW	CAN QW	CAN QW		CAN QW						CAN QW	**302.0**	**2**
304.0		CAN ZQM	CAN ZQM												CAN ZQM				**304.0**	**1**
305.0	AUS GTH	LCA BNE			USA RO		USA RO	USA RO	USA OI	USA OI	USA OI	USA RO		USA OI		USA RO			**305.0**	**4**
308.0	AUS MK							CAN ZZD											**308.0**	**2**
309.0		CLM GPI																	**309.0**	**1**
310.0	NZL HK	BRA PSN																	**310.0**	**2**
311.0	AUS NTN					CAN 9Y		CAN 9Y										CAN 9Y	**311.0**	**2**
312.0					CAN UNT	CAN UNT		CAN UNT										CAN UNT	**312.0**	**1**
314.0								USA VTN	USA VTN			USA VTN							**314.0**	**1**
315.0									USA AT	USA AT				USA AT	USA AT				**315.0**	**1**

316.0	THA SM																		**316.0**	**1**
317.0		CAN ZZR	CAN ZMX			CAN VC		CAN VC	CAN VC	CAN VC		CAN VC		CAN ZZR	CAN ZZR		CAN ZMX	CAN VC	**317.0**	**3**
318.0	BRU BR																		**318.0**	**1**
320.0	VTN AC							CAN YQF	CAN YQF										**320.0**	**2**
323.0	AUS CAR	TRD TAB	CAN KR						USA OUK	USA OUK			USA GTN	USA GTN	CAN KR		CAN KR		**323.0**	**5**
324.0	AUS EML																		**324.0**	**1**
326.0	AUS ESP		CAN FC		CAN DC	CAN DC	CAN DC	USA MA	USA MA	CAN FC	USA SU	USA MA	CAN FC	USA PKZ	USA PKZ	CAN DC	CAN FC	CAN DC	**326.0**	**6**
327.0		GUF FXC		HWA VYI															**327.0**	**2**
328.0		USA BZJ	CAN YTL					CAN 5J	CAN YTL	CAN YTL		CAN YTL		CAN YTL	CAN YTL				**328.0**	**3**
329.0		USA CH	USA IA		USA PMV			CAN X2	USA PMV	USA AAA	USA AAA	USA PMV	USA CH	USA PMV	USA PMV	USA CH	CAN OU		**329.0**	**6**
330.0		PTR SJ			USA MF														**330.0**	**2**
332.0	AUS BHI	USA FIS	CAN YFM	HWA POA	CAN XH	CAN XH	HWA POA	CAN XH	CAN QT	USA DN	USA DN	CAN QT	USA DC	USA FIS	CAN YFM	CAN XH	CAN YFM	CAN XT	**332.0**	**9**
334.0		CAN YER	CAN YER					CAN YER	USA LH	USA LH	USA LH			CAN YER	USA LH				**334.0**	**2**
335.0	AUS AS	USA SW	CAN YLD		USA DR			CAN YLD	USA BK	CAN YLD	USA BV	USA BK	CAN YLD	USA BV	USA BV	USA BV	CAN YLD		**335.0**	**6**
336.0		CAN BV	CAN BV					CAN LF	USA MA	USA MA		CAN LF		CAN BV	CAN BV		CAN BV		**336.0**	**3**
337.0								USA FF											**337.0**	**1**
338.0	AUS MA	CAN YPX	CAN ZEM		USA RYN		USA RYN	USA RYN	USA JZ	CAN ZEM	USA TT	USA RYN		USA JZ	USA TT	USA TT	CAN ZEM	USA RYN	**338.0**	**6**
339.0				HWA BSF											USA OP				**339.0**	**2**
340.0	INS OH	BRA PTP	CAN YY					CAN YY	CAN YY	CAN YY		CAN YY	CAN YY	USA GN	CAN ZJT		CAN YY		**340.0**	**5**
341.0	AUS CBP	CAN YCS	USA CCJ	ALS ELF	USA OIN		USA OIN	USA OIN	USA OIN	USA SB	USA FO	USA FO	USA CQN	USA OIN	USA CQN	USA DNI			**341.0**	**9**
342.0									USA ST										**342.0**	**1**
343.0	MTS ML																		**343.0**	**1**
344.0		USA JA	USA JA		USA CGQ	CAN XX	CAN XX	USA CGQ	USA UNU	USA UNU	USA JL	USA JL	USA JA	USA JA	USA JA	USA TKH		CAN XX	**344.0**	**6**
345.0									USA PUF										**345.0**	**1**
346.0		CAN 1D	CAN YXL			CAN YXL		CAN YXL	CAN YXL	CAN YXL		CAN YXL		USA LW	CAN YXL		CAN YXL		**346.0**	**3**
347.0		CAN PA						USA GC	USA YK	USA AFK	USA AFK	USA GC		USA AFK	USA AFK	USA ATA		CAN PA	**347.0**	**5**
348.0	INS BM	USA BUP							USA MC	USA MC		USA MC							**348.0**	**3**

349.0										USA GW									**349.0**	**1**
350.0	AUS ESL	USA RG	CAN D7		USA RG		USA RG	USA RG	USA RG	USA CP	USA CP	USA RG		CAN D7	USA RG	USA RG			**350.0**	**4**
351.0		USA MSQ	CAN YKQ		USA AE			USA AE	CAN YKQ	CAN YKQ		CAN YKQ	USA MSQ	USA MSQ	CAN YKQ		CAN YKQ		**351.0**	**3**
352.0				CKS RG						USA VM						USA VM			**352.0**	**2**
353.0	AUS LRE	CAN PG	USA IN	HWA LLD	USA AB		HWA LLD	USA IN	CAN QG	CAN QG		USA IN	CAN QG	CAN QG	CAN QG	USA AB		USA AL	**353.0**	**7**
355.0					ALS AUB														**355.0**	**1**
356.0	AUS HID	CAN YBG	CAN YBG		USA ODX	CAN ZXE	CAN ZF	USA ODX	USA ODX	USA GR		USA ODX		CAN AY	CAN AY	USA SJ	CAN YBG	USA PND	**356.0**	**9**
357.0															USA IM				**357.0**	**1**
358.0						ALS SIT		ALS SIT										ALS SIT	**358.0**	**1**
359.0	AUS GEL	GRL NA	USA GYG		USA SDR	USA GGF	USA SDR	USA GGF	USA GYG	USA GYG	USA SDR	USA GGF		USA GYG	USA LYZ	USA SDR		CAN YAZ	**359.0**	**7**
360.0	VOI OX	BRA JAC	CAN PN					USA SW		CAN PN			CAN PN	CAN PN	CAN PN		CAN PN		**360.0**	**4**
361.0		USA HB												USA HB	USA HB				**361.0**	**1**
362.0		CAN YZS	CAN SB		USA RPX	CAN 6T	USA RPX	USA CD	USA RPX	USA MT		CAN SB	CAN SB	CAN YZS	USA SUR		CAN SB	USA RPX	**362.0**	**7**
363.0		CAN 1F																	**363.0**	**1**
364.0	AUS CS																		**364.0**	**1**
365.0	AUS WLM	EQA PAL	USA TV			CAN MA		USA SYZ	USA JN	USA SYZ	USA SYZ			USA TV	USA SYZ	USA FT		USA DPY	**365.0**	**8**
366.0		CAN ZMN	CAN YMW					CAN YMW	CAN YMW	CAN YMW			CAN YMW	CAN YMW	USA EZM		CAN YMW		**366.0**	**3**
368.0		CAN VX			CAN SX	CAN SX	CAN SX	USA AN	CAN SX	USA VIQ				USA TEC	USA TEC	USA AN		CAN SX	**368.0**	**5**
369.0		ATG ZDX	ATG ZDX							ATG ZDX					ATG ZDX				**369.0**	**1**
370.0															USA VOF				**370.0**	**1**
371.0	PLW ROR	CAN GW	CAN GW			CAN GW		CAN GW	USA AZ	USA AZ		CAN GW		USA AZ	CAN GW		CAN GW	CAN GW	**371.0**	**3**
372.0	AUS GIG	GRL OZN						CAN ZPA		USA MF				USA MF	USA UQN			CAN ZPA	**372.0**	**5**
373.0		CAN YXK	CAN 2Q							CAN YXK				CAN 2Q	CAN YXK		CAN 2Q		**373.0**	**2**
374.0	AUS WLG					CAN EX		USA HY	USA HY			USA HY						CAN EX	**374.0**	**3**
375.0								USA DS	USA LQ	USA LQ	USA LQ			USA SH	USA LQ	USA DS			**375.0**	**3**
376.0		USA LC						CAN YAG	USA LC	USA LC		CAN YAG			USA LC				**376.0**	**2**
377.0	AUS ROM	CAN YRR	CAN YRR						CAN YRR	CAN YRR					CAN YRR		CAN YRR		**377.0**	**2**

378.0		CAN RJ	CAN RJ					CAN RJ	CAN RJ	CAN RJ			CAN RJ	CAN RJ	CAN RJ		CAN RJ	CAN AP	**378.0**	**2**
379.0		USA BRA	CAN YPQ					USA DL	USA UG	USA UG		USA DL	USA BRA	USA DL	USA BRA	USA RUE			**379.0**	**5**
380.0	TWN YU	BRA BRU			USA GC	USA GC	USA OEL	USA GC	USA GC	USA GC		USA OEL			USA UMB			USA GC	**380.0**	**5**
381.0														USA MNI	USA MNI				**381.0**	**1**
381.5		USA SJX							USA SJX	USA SJX									**381.5**	**1**
382.0	NZL WU	TRD TRI	CAN YPL			CAN YPW		CAN YPL	USA IRS	USA SP	USA SP	CAN YPL	USA IRS	USA BT	CAN YPL		USA BT	CAN YPW	**382.0**	**7**
383.0	AUS WLU				USA CNP	USA CNP	USA PI	USA CNP	USA CNP	USA CNP		USA CNP							**383.0**	**3**
385.0		GDL PTP	CAN YNC	ALS OCC	USA MR	ALS OCC	ALS OCC	USA CPZ	USA UWL	USA UWL	USA JD	USA LN	USA UWL		USA EMR	USA DXB			**385.0**	**10**
386.0	AUS BLN	SPM SP										USA SYF							**386.0**	**3**
387.0								USA CAV	USA CAV	USA CAV		USA CAV			USA CAV				**387.0**	**1**
388.0		CAN H7	CAN H7						USA CFJ	USA CFJ	USA MD			USA UN	CAN H7				**388.0**	**4**
389.0	AUS PLC	USA PVC				CAN YWB	CAN YWB	USA EN	USA EN	USA EN				USA PVC	USA PVC			CAN YWB	**389.0**	**4**
390.0	INS OU			ALS HBT	ALS HBT	ALS HBT			USA BR	USA BR	USA BR				USA BR				**390.0**	**3**
391.0		PTR DDP	PTR DDP					PTR DDP	USA PLX	USA PLX	USA PLX	PTR DDP		USA PLX	PTR DDP		CAN OO		**391.0**	**3**
392.0		CAN ML	CAN ML		USA FMZ			USA FMZ	USA FMZ	CAN ML		USA FMZ	CAN ML	CAN ML		USA ML	CAN ML		**392.0**	**3**
393.0															USA FGP				**393.0**	**1**
394.0									USA SP	USA MKL		USA SP			USA MKL				**394.0**	**2**
395.0		CAN YL			USA ULS	CAN YL	USA ULS	USA ULS	USA OS	USA OS		USA OS		USA ULS	USA OS			CAN YL	**395.0**	**3**
396.0	AUS LM	USA NEL	CAN YPH						CAN YPH	CAN YPH			USA NEL	USA NEL	CAN YPH		CAN YPH		**396.0**	**3**
397.0		USA OW	CAN ZHA		USA SB		USA SB	CAN ZSS	USA CIR	USA CIR	USA CIR			CAN ZST	CAN ZST	USA JE			**397.0**	**7**
398.0	AUS BOU																		**398.0**	**1**
400.0	MLA JB	BRA GJM	USA CI		USA FN	CAN QQ	USA FN	USA FN	USA AHQ	USA AHQ	USA AHQ	USA AHQ	USA NHK	USA AHQ	USA LKR	USA AI		CAN QQ	**400.0**	**9**
401.0	AUS ARM	CAN YPO	CAN YPO					CAN YPO	CAN YPO	CAN YPO		CAN YPO		CAN YPO	CAN Y8		CAN Y8		**401.0**	**3**
402.0								CAN M3	CAN L4										**402.0**	**2**
403.0		CAN ZTO	CAN ZTO				USA AZC		CAN ZTO	CAN ZTO				CAN ZTO	CAN ZTO				**403.0**	**2**
404.0	AUS COE				USA MOG	USA MOG	USA MOG	USA MOG	USA MOG	USA XCR		USA HU		USA XCR				USA MOG	**404.0**	**4**
405.0		PRG CON						CAN 2K											**405.0**	**2**

407.0	AUS SWH	CAN ZHU	CAN ZHU		USA HRU			USA HRU	USA CM	USA CM	USA CM	USA HRU	CAN ZHU	USA OX	USA AQ	USA OOC	CAN ZHU		**407.0**	**7**
408.0		CAN SN	CAN SN		USA JDM	CAN Z7	USA MW	USA JDM	USA MW	CAN SN		USA JDM		CAN SN	CAN SN			USA MW	**408.0**	**4**
409.0		CAN YTA	CAN YTA						CAN YTA	CAN YTA			CAN YTA	CAN YTA	CAN YTA		CAN YTA		**409.0**	**1**
410.0		BRA IG							USA BA	USA BA			USA BA	USA BA	USA BA	USA GG		CAN ZQ	**410.0**	**4**
412.0		USA CTZ							USA CMY	USA CMY		USA CMY		USA CTZ	USA CTZ				**412.0**	**2**
413.0	AUS NBR	CAN YHD						CAN YHD	CAN YHD	CAN YHD		CAN YHD	CAN YHD	CAN YHD	CAN YHD				**413.0**	**2**
414.0					USA ATS		USA ATS	USA GL	USA SU	USA SU		USA SU		USA SU	USA SU	USA ATS		USA LYI	**414.0**	**4**
415.0	TWN KW	BRA PCL								USA DJD				USA DJD	USA DJD				**415.0**	**3**
416.0	AUS PF							USA LB	USA LB			USA LB							**416.0**	**2**
417.0		USA HQT	USA IY		USA IY			USA IY	USA IY	USA IY		USA IY	USA SLP	USA IY	USA SLP				**417.0**	**3**
418.0																USA EL			**418.0**	**1**
419.0		USA RYS	USA RYS					USA GB	USA RYS	USA RYS		USA GB	USA RYS	USA RYS	USA RYS				**419.0**	**2**
420.0		USA CFY						USA FQ	USA FQ	USA FQ		USA FQ		USA CFY	USA FQ				**420.0**	**2**
423.0		USA PCW	USA PCW						USA PCW	USA PCW			USA SIF	USA SIF	USA PCW				**423.0**	**2**
QRG	**AUS SA rw**	**CAN NS vm**	**CAN ON sn**	**HWA mx**	**USA AZ sr**	**USA CA ha**	**USA CA od**	**USA CO ac**	**USA IL dt**	**USA IL fy**	**USA MO dp**	**USA NE dn**	**USA NJ rs**	**USA OH ra**	**USA PA el**	**USA TX du**	**USA VT se**	**USA WA so**	**QRG**	**NDBs**

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 NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so
ALS, AK	341.0	ELF	"Elfee" Cold Bay				12														
ALS, AK	355.0	AUB	"Saldo" King Salmon					11													
ALS, AK	358.0	SIT	Sitka						09		09										06
ALS, AK	385.0	OCC	"Ocean Cape" Yakutat				11		08	08											
ALS, AK	390.0	HBT	Sand Point (Borland)				12	11	09												
ATG	369.0	ZDX	Coolidge Saint Johns		00	07							08					06			
AUS, NN	335.0	AS	Alice Springs	14																	
AUS, NW	299.0	CWR	Cowra	13																	
AUS, NW	305.0	GTH	Griffith	13																	
AUS, NW	332.0	BHI	Broken Hill	14																	
AUS, NW	365.0	WLM	Williamtown	14																	
AUS, NW	374.0	WLG	Walgett	13																	
AUS, NW	401.0	ARM	Armidale	14																	

AUS, NW	413.0	NBR	Narrabri	14																	
AUS, QD	276.0	TVL	Townsville	14																	
AUS, QD	308.0	MK	Mackay	13																	
AUS, QD	311.0	NTN	Normanton	14																	
AUS, QD	324.0	EML	Emerald	14																	
AUS, QD	338.0	MA	Mount Isa	14																	
AUS, QD	353.0	LRE	Longreach	14																	
AUS, QD	356.0	HID	Horn Island	14																	
AUS, QD	364.0	CS	Cairns	14																	
AUS, QD	377.0	ROM	Roma	13																	
AUS, QD	398.0	BOU	Boulia	14																	
AUS, QD	404.0	COE	Coen	14																	
AUS, SA	287.0	LEC	Leigh Creek	13																	
AUS, SA	293.0	CDU	Ceduna	13																	
AUS, SA	341.0	CBP	Coober Pedy	14																	
AUS, SA	389.0	PLC	Port Lincoln	14																	
AUS, SA	416.0	PF	Parafield	14																	
AUS, TA	302.0	WYY	Wynyard	13																	
AUS, VI	350.0	ESL	East Sale	14																	
AUS, VI	407.0	SWH	Swan Hill	14																	
AUS, WE	278.0	PBO	Paraburdoo	13																	
AUS, WE	323.0	CAR	Carnarvon	14																	
AUS, WE	326.0	ESP	Esperance	14																	
AUS, WE	359.0	GEL	Geraldton	14																	
AUS, WE	372.0	GIG	Gingin	14																	
AUS, WE	383.0	WLU	Wiluna	14																	
AUS, WE	386.0	BLN	Busselton	14																	
AUS, WE	396.0	LM	Learmonth	14																	
BRA	285.0	DOU	Dourados (MS)		03																
BRA	295.0	ATM	Altamira		03																
BRA	310.0	PSN	Piracununga (SP)		06																
BRA	340.0	PTP	Ponta Pora (MS)		02																
BRA	360.0	JAC	Jacare-a-Canga (PA)		01																
BRA	380.0	BRU	Bauru (SP)		05																
BRA	400.0	GJM	Guajara (RO)		04																
BRA	410.0	IG	Guarulhos (SP)		06																
BRA	415.0	PCL	Poços de Caldas (MG)		02																
BRU	318.0	BR	Brunei	14																	
CAN, AB	292.0	ZET	Devon (Edmonton Intl Apt)									09									06
CAN, AB	295.0	8C	Fairview										09								
CAN, AB	308.0	ZZD	Calmar (Edmonton Intl Apt)									09									
CAN, AB	311.0	9Y	Pincher Creek						09			09									06
CAN, AB	320.0	YQF	Red Deer									10	09								
CAN, AB	328.0	5J	Coronation									10									
CAN, AB	329.0	X2	Athabasca									09									
CAN, AB	332.0	XH	Medicine Hat					05	09			10							09		
CAN, AB	362.0	6T	Foremost						09												
CAN, AB	405.0	2K	Camrose									09									
CAN, AB	408.0	Z7	Claresholm						08												
CAN, BC	290.0	YYF	Penticton					04		08	09	09									
CAN, BC	293.0	MB	"Mill Bay" Victoria																		06
CAN, BC	312.0	UNT	Naramata (Penticton)					10	09			09									06
CAN, BC	326.0	DC	Princeton					05	09	11									10		06
CAN, BC	332.0	XT	Terrace																		06
CAN, BC	344.0	XX	Abbotsford						09	10											06

CAN, BC	359.0	YAZ	Tofino																		06
CAN, BC	368.0	SX	Skookum (Cranbrook)					05	08	11		10									06
CAN, BC	374.0	EX	Rutland (Kelowna)						09												06
CAN, BC	378.0	AP	Active Pass (Mayne Island)																		06
CAN, BC	382.0	YPW	Powell River						08												06
CAN, BC	389.0	YWB	Kelowna						08	08											06
CAN, BC	400.0	QQ	Comox						08												06
CAN, BC	410.0	ZQ	CCGS Sir Wilfrid Laurier																		06
CAN, MB	284.0	QD	The Pas			06			08		09	09	04		05						06
CAN, MB	287.0	ZWG	"Stoney" Medicine Rock (Winnipeg)								09	09									
CAN, MB	300.0	YIV	Island Lake		07	07					09	09	04		04		02				
CAN, MB	336.0	LF	La Salle								09				04						
CAN, MB	353.0	PG	Portage		07																
CAN, MB	395.0	YL	Lynn Lake		07				08												06
CAN, NB	304.0	ZQM	Riverview (Moncton)		19	07												05			
CAN, NB	326.0	FC	Fredericton			01							04			07				03	
CAN, NB	363.0	1F	"Manta" Bathurst		01																
CAN, NB	366.0	ZMN	Lewisville (Moncton)		19																
CAN, NB	397.0	ZST	"Alpine" Saint John														04	06			
CAN, NL	280.0	QX	Gander		00	06										07		05			
CAN, NL	281.0	CA	Cartwright		00	06											04	05			
CAN, NL	340.0	ZJT	Stephenville															05			
CAN, NL	346.0	1D	Charlottetown		06																
CAN, NL	356.0	AY	St Anthony														04	05			
CAN, NT	356.0	ZF	Yellowknife							09											
CAN, NU	284.0	RT	Rankin Inlet		06																
CAN, NU	341.0	YCS	Chesterfield Inlet		07																
CAN, NU	362.0	YZS	Coral Harbour		06												02				
CAN, ON	276.0	YEL	Elliot Lake									10	04				02				
CAN, ON	317.0	ZZR	"Trenton (Apt)" Severn		01												02	05			
CAN, ON	328.0	YTL	Big Trout Lake			07						09	04		05		02	05			
CAN, ON	332.0	QT	Thunder Bay									17			03						
CAN, ON	334.0	YER	Fort Severn		07	07					09						02				
CAN, ON	335.0	YLD	Chapleau			02					08		04			04				03	
CAN, ON	346.0	YXL	Sioux Lookout			07			09		09	09	04		05			05		05	
CAN, ON	350.0	D7	Kincardine			02											02				
CAN, ON	353.0	QG	Saint Clair Beach (Windsor)									17	16			04	02	06			
CAN, ON	362.0	SB	Sudbury			02									04	04				03	
CAN, ON	376.0	YAG	Fort Frances								09				04						
CAN, ON	377.0	YRR	Greely (Ottawa)		22	02						01	04					06		04	
CAN, ON	379.0	YPQ	Peterborough			02															
CAN, ON	382.0	YPL	Pickle Lake			08					08				04			05			
CAN, ON	388.0	H7	Manitoulin East (Manitowaning)		07	08												05			
CAN, ON	391.0	OO	Oshawa																	04	
CAN, ON	397.0	ZHA	Ancaster (Hamilton)			02															
CAN, ON	401.0	YPO	Peawanuck		07	08					09	09	04		05		02				
CAN, ON	403.0	ZTO	Woodhill / Brampton (Toronto)		06	02						01	07				02	05			
CAN, ON	408.0	SN	"St. Catharines" Saint Catharines		07	02							07				02	06			
CAN, ON	409.0	YTA	Pembroke		07	02						01	07			07	02	05		04	
CAN, ON	413.0	YHD	Dryden		07						08	09	04		05	04	02	05			
CAN, QC	275.0	R1	Thetford Mines		06	06												05		01	
CAN, QC	276.0	YHR	Chevery		19	06										07		05		02	
CAN, QC	278.0	NM	Matagami		01	02									03		02			02	
CAN, QC	289.0	YLQ	La Tuque		01	01					08	01	04			04	02	06		02	
CAN, QC	317.0	ZMX	Janvier / Mirabel (Montreal)			01														02	

CAN, QC	323.0	KR	Squaw Schefferville			07												06		03	
CAN, QC	329.0	OU	Ste-Foy																	03	
CAN, QC	332.0	YFM	La Grande 4			02												06		03	
CAN, QC	336.0	BV	Champlain		07	01											04	06		03	
CAN, QC	338.0	YPX	Puvirnituq		06																
CAN, QC	338.0	ZEM	Eastmain			07							04							05	
CAN, QC	340.0	YY	Mont Joli			02					07	01	04		05	07				03	
CAN, QC	351.0	YKQ	Waskaganish			02						09	04		05			06		03	
CAN, QC	356.0	YBG	Bagotville		01	02														03	
CAN, QC	360.0	PN	Port-Menier / Ile Anticosti			02							04			04	02	05		03	
CAN, QC	366.0	YMW	Maniwaki			02					08	01	04			04	02			04	
CAN, QC	371.0	GW	Jarpik Kuujjuarapik		07	07			08		08				04			05		04	06
CAN, QC	373.0	2Q	Mont-Laurier			07											02			04	
CAN, QC	373.0	YXK	Rimouski		00								08					06			
CAN, QC	378.0	RJ	Roberval		00	02					07	01	04			07	02	05		04	
CAN, QC	385.0	YNC	Wemindji			08															
CAN, QC	392.0	ML	Charlevoix		22	08							04			07	02			04	
CAN, QC	396.0	YPH	Inukjuak			08						01	04					06		04	
CAN, QC	401.0	Y8	Drummondville															06		04	
CAN, QC	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)		01	02										04				04	
CAN, SK	290.0	QR	Regina		06				09				07		18						06
CAN, SK	298.0	3N	Weyburn								09										
CAN, SK	302.0	QW	North Battleford		06				10		09	09	07		04						06
CAN, SK	317.0	VC	La Ronge						07		09	09	04		05						06
CAN, SK	347.0	PA	Prince Albert		07																06
CAN, SK	356.0	ZXE	Barnes (Saskatoon)						09												
CAN, SK	368.0	VX	Dafoe		06																
CAN, SK	372.0	ZPA	Glass (Prince Albert)								09										06
CAN, SK	397.0	ZSS	Yellowhead (Saskatoon)								09										
CAN, SK	402.0	L4	Nipawin									09									
CAN, SK	402.0	M3	Kindersley								09										
CAN, YT	365.0	MA	Mayo						09												
CKS	352.0	RG	Nikau (Rarotonga Island)				11														
CLM	309.0	GPI	Guapi		01																
EQA	365.0	PAL	Palma		01																
GDL	385.0	PTP	Pointe a Pitre		01																
GRL	279.0	SI	Simiutaq (Kitaa)		05																
GRL	298.0	KU	Kook Islands (Kitaa)		04																
GRL	359.0	NA	Narsarsuaq (Kitaa)		06																
GRL	372.0	OZN	Prins Christian Sund / Kitaa		06																
GUF	327.0	FXC	Cayenne		02																
HWA, HI	327.0	VYI	"Valley Island" Kahului				07														
HWA, HI	332.0	POA	Pahoa				07			11											
HWA, HI	339.0	BSF	"Bradshaw" Camp Pohakuloa				11														
HWA, HI	353.0	LLD	Lanai				22			11											
INS	290.0	LW	Lawang	14																	
INS	300.0	OY	Bandung	13																	
INS	340.0	OH	Ambon	14																	
INS	348.0	BM	IRARUTU/BABO	14																	
INS	390.0	OU	Banjarmasin	14																	
LCA	305.0	BNE	Hewanorra		02																
MLA	400.0	JB	Jaybee	14																	
MTS	343.0	ML	Minami Tori Shima	14																	
NZL	310.0	HK	Hokitika	13																	
NZL	382.0	WU	Wanganui	14																	

PLW	371.0	ROR	Koror	14																		
PRG	405.0	CON	Concepcion		01																	
PTR, PR	330.0	SJ	Patty		04																	
PTR, PR	391.0	DDP	San Juan / Dorado / Luiz Munoz Marin Intl		00	02					08				04			06				
SPM	386.0	SP	St. Pierre		00																	
THA	283.0	PH	Phetchabun	17																		
THA	316.0	SM	Samui	17																		
TRD	323.0	TAB	Crown Point		01																	
TRD	382.0	TRI	"Piarco" Port of Spain		01																	
TWN	380.0	YU	Hualien	17																		
TWN	415.0	KW	Hengchun	17																		
USA, AR	335.0	BV	"Almnd" Batesville											10			04	05	01			
USA, AR	338.0	TT	"Stutt" Stuttgart											10				05	01			
USA, AR	352.0	VM	"Meana", Mena Intermountain Municipal										05						01			
USA, AR	375.0	DS	Searcy								09								01			
USA, AR	379.0	RUE	Russellville																01			
USA, AR	418.0	EL	"Lados" El Dorado																01			
USA, AZ	338.0	RYN	"Ryan" Tucson					05		11	08				04							06
USA, AZ	403.0	AZC	Colorado City							11												
USA, CA	385.0	MR	"Munso" Monterey					11														
USA, CA	397.0	SB	"Petis" San Bernardino					11		20												
USA, CA	404.0	MOG	Montague					04	08	11	09	09										06
USA, CO	400.0	FN	"Colln" Fort Collins / Loveland					04		11	14											
USA, FL	326.0	PKZ	"Pickens" Pensacola														02	06				
USA, FL	332.0	FIS	"Fish Hook" Key West		01												02					
USA, FL	344.0	JA	"Dinns" Jacksonville		05	02										04	02	06				
USA, GA	323.0	OUK	Calhoun									09	04									
USA, GA	339.0	OP	"Yates" Thomaston															06				
USA, GA	359.0	LYZ	"Willis" Bainbridge															05				
USA, GA	362.0	SUR	Fitzgerald															05				
USA, GA	366.0	EZM	Eastman															05				
USA, GA	370.0	VOF	"Alcovy" Covington															05				
USA, GA	372.0	UQN	"Onyun" Vidalia															05				
USA, GA	380.0	UMB	"Culvr" Milledgeville															05				
USA, GA	385.0	EMR	"Emory" Augusta															05				
USA, GA	415.0	DJD	Canton										07				02	05				
USA, IA	341.0	FO	"Barro" Fort Dodge											00	17							
USA, IA	345.0	PUF	"Puff" Estherville									23										
USA, IA	348.0	MC	"Surff" Mason City									17	17		17							
USA, IA	387.0	CAV	Clarion								10	20	08		17			05				
USA, IA	394.0	SP	"Snore" Spencer									18			17							
USA, IA	414.0	SU	"Salix" Sioux City									18	07		17		04	05				
USA, IA	417.0	IY	"Chukk" Charles City			09		10			08	17	17		17		04					
USA, ID	383.0	PI	"Tyhee" Pocatello							11												
USA, IL	275.0	DE	"Elwin" Decatur									15	17	10								
USA, IL	293.0	UI	Quincy										16		17		04	05				
USA, IL	329.0	AAA	"Abraham" Lincoln										16	10								
USA, IL	332.0	DN	"Julip" Danville										16	00								
USA, IL	334.0	LH	"Egrow" Bloomington									17	16	10				05				
USA, IL	350.0	CP	"Acore" Cahokia / St Louis										16	10								
USA, IL	365.0	SYZ	Shelbyville								09		16	10				06				
USA, IL	375.0	LQ	"Licol" Springfield									17	16	10				05				
USA, IL	379.0	UG	"Wauke" Waukegan (Chicago)									17	17									
USA, IL	382.0	SP	"Huskk" Springfield										17	10								
USA, IL	385.0	JD	"Gooey" Belleville											10								

USA, IL	388.0	MD	"Cabbi" Carbondale / Murphysboro											10							
USA, IL	390.0	BR	"Burns" Burlington									18	17	10				05			
USA, IL	391.0	PLX	"Palestine" Robinson									18	17	10			02				
USA, IL	397.0	CIR	Cairo									19	04	10							
USA, IL	407.0	CM	"Veals" Champaign / Urbana									18	17	10							
USA, IN	341.0	SB	"Misha" South Bend										16								
USA, IN	365.0	JN	"Balll" Muncie									17									
USA, IN	385.0	UWL	New Castle									18	17			09					
USA, IN	388.0	CFJ	Crawfordsville									18	17								
USA, IN	410.0	BA	"Clifs" Columbus									18	17			04	02	05			
USA, KS	338.0	JZ	"Newbn" Lawrence									17					04				
USA, KS	341.0	OIN	Oberlin					03		11	13	17					04				
USA, KS	347.0	GC	"Pieve" Garden City								13				17						
USA, KS	374.0	HY	"Nette" Hays								13	10			17						
USA, KS	380.0	OEL	Oakley							10					17						
USA, KS	386.0	SYF	St. Francis												17						
USA, KS	395.0	ULS	Ulysses					03		11	13						04				
USA, KS	404.0	HU	"Saltt" Hutchinson												17						
USA, KS	407.0	HRU	Herington					10			14				17						
USA, KS	408.0	JDM	"Wheatfield" Colby					10			14				17						
USA, KS	414.0	GL	"Shugr" Goodland								14										
USA, KS	419.0	GB	"Babsy" Great Bend								08				17						
USA, KY	340.0	GN	"Brindl" Lexington														02				
USA, LA	344.0	TKH	"Tallulah" Vicksburg																01		
USA, LA	385.0	DXB	De Ridder																00		
USA, LA	392.0	ML	"Sabar" Monroe																01		
USA, LA	407.0	OOC	"Campi" Natchitoches																01		
USA, MA	389.0	PVC	Provincetown		06												04	05			
USA, MA	397.0	OW	"Stoge" Norwood		06																
USA, MD	332.0	DC	"Oxonn" Oxon Hill (Fort Foote Park)													00					
USA, MD	400.0	NHK	"Patuxent" Patuxent River													00					
USA, MD	407.0	OX	"Landy" Ocean City														04				
USA, ME	348.0	BUP	"Burnham" Pittsfield		07																
USA, MI	278.0	ADG	Adrian									17	16	10				05			
USA, MI	336.0	MA	"Wexford" Cadillac									17	17								
USA, MI	359.0	GYG	Grayling			02						17	04				04				
USA, MI	365.0	TV	"Gwenn" Traverse City			07											04				
USA, MI	371.0	AZ	"Austn" Vicksburg									17	16				02				
USA, MI	381.5	SJX	"St James" Beaver Island		06							17	17								
USA, MI	382.0	IRS	Sturgis									00				13					
USA, MI	400.0	CI	"Koloe" Sault Ste. Marie			08															
USA, MI	419.0	RYS	"Grosse Ile" Detroit / Grosse Ile		07	02						17	04			09	02	05			
USA, MN	277.0	OT	"Wondd" Worthington								09	17	07	00	17		04	03			
USA, MN	282.0	ROS	Rush City												05						
USA, MN	337.0	FF	"Hamre" Fergus Falls								08										
USA, MN	342.0	ST	"Hussk" St Cloud									17									
USA, MN	353.0	IN	"Raize" International Falls			07					09				04						
USA, MN	360.0	SW	"Roadd" Warroad								09										
USA, MN	379.0	DL	"Pykla" Duluth								09				17		04				
USA, MN	404.0	XCR	"Ripley" Little Falls										07				04				
USA, MN	420.0	FQ	"Montz" Fairmont								10	17	04		17			05			
USA, MO	326.0	SU	"Snoop" Saint Louis											10							
USA, MO	344.0	JL	"Lunns" Joplin											10	17						
USA, MO	397.0	JE	"Algoa" Jefferson City																10		
USA, MS	349.0	GW	"Teock" Greenwood										05								

USA, MT	362.0	RPX	Round Up					05		11		09									06
USA, MT	414.0	LYI	Libby																		06
USA, NC	357.0	IM	"Keans" Asheville															05			
USA, NC	361.0	HB	"Himun" Burlington		06												02	05			
USA, NC	379.0	BRA	"Broad River" Asheville		06											09		05			
USA, NC	393.0	FGP	Fort Bragg															06			
USA, NC	412.0	CTZ	Clinton		06												02	05			
USA, NC	417.0	HQT	"Harnett" Coats		06																
USA, NC	417.0	SLP	"First River" Shelby													09		05			
USA, NC	423.0	SIF	"Slammer" Reidsville													07	02				
USA, NE	293.0	FBY	Fairbury											00							
USA, NE	305.0	OI	"Tommi" South Sioux City									17	07	10			04				
USA, NE	314.0	VTN	Valentine								09	17			17						
USA, NE	329.0	PMV	Plattsmouth					10				17			17		04	06			
USA, NE	347.0	AFK	Nebraska City										17	10			04	05			
USA, NE	347.0	YK	"Cagur" Yankton									17									
USA, NE	356.0	ODX	Ord					11			13	17			17						
USA, NE	359.0	GGF	Grant						07		13				17						
USA, NE	362.0	CD	"Dawes" Chadron								13										
USA, NE	383.0	CNP	Chappell					04	08		13	10	08		17						
USA, NE	385.0	LN	"Potts" Lincoln												17						
USA, NE	392.0	FMZ	"Beklof" Fairmont					10			13	18			17						
USA, NE	400.0	AHQ	Wahoo									17	04	00	17		04				
USA, NE	416.0	LB	"Panbe" North Platte								14	09			17						
USA, NJ	396.0	NEL	Lakehurst		07											00	04				
USA, NM	278.0	CEP	"Capitan" Ruidoso					11		11	10										
USA, NM	305.0	RO	"Topan" Roswell					04		11	10				17				10		
USA, NM	351.0	AE	"Dudle" Albuquerque					11			09										
USA, NM	414.0	ATS	Artesia					04		11									10		
USA, NY	329.0	IA	"Kathi" Niagara Falls			01															
USA, NY	335.0	SW	"Neely" Newburgh		06																
USA, OH	299.0	HW	"Cubla" Wilmington									12	16					05			
USA, OH	315.0	AT	"Bruny" Dayton									17	17				02	06			
USA, OH	341.0	CCJ	"Clark Co" Springfield			02															
USA, OH	372.0	MF	"Manns" Mansfield										04				02				
USA, OH	376.0	LC	"Pickl" Columbus		06							00	17					05			
USA, OH	423.0	PCW	Port Clinton		06	09						09	04					05			
USA, OK	275.0	GUY	Guymon							11					17		04		11		
USA, OK	350.0	RG	"Gally" Oklahoma City		06			11		11	13	09			17			06	00		
USA, OK	400.0	AI	"Addmo" Ardmore																00		
USA, OR	296.0	LGD	La Grande					11			08										06
USA, OR	356.0	PND	"Abate" Portland																		06
USA, PA	299.0	VV	"CAMOR" Uniontown														04				
USA, PA	328.0	BZJ	"Bellgrove" Indiantown Gap		06																
USA, PA	388.0	UN	"Penue" State College														02				
USA, SC	278.0	EOE	"Enoree" Newberry													04					
USA, SC	329.0	CH	"Ashly" Charleston		05											04			01		
USA, SC	381.0	MNI	Manning														04	05			
USA, SC	400.0	LKR	Lancaster															05			
USA, SC	420.0	CFY	"Evans" Lake City		07												02				
USA, SD	335.0	BK	"CHRLZ" Brookings									17			17						
USA, TN	341.0	CQN	"Daisy" Chattanooga													04		06			
USA, TN	394.0	MKL	"Mersy" Jackson										08					05			
USA, TX	278.0	IL	"Iresh" Killeen																01		
USA, TX	281.0	CX	"Alibi" Conroe																18		

Cou, S/P	QRG	ID	Name	AUS SA rw	CAN NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so
USA, TX	326.0	MA	"Farly" Midland								10	10			04						
USA, TX	330.0	MF	"Missi" Mc Allen					11													
USA, TX	335.0	DR	"Kotti" Del Rio					11													
USA, TX	341.0	DNI	Denison																00		
USA, TX	344.0	CGQ	"Powell" Corsicana					11			09										
USA, TX	347.0	ATA	Atlanta																00		
USA, TX	353.0	AB	"Tomhi" Abilene					11											00		
USA, TX	356.0	SJ	"Woole" San Angelo																00		
USA, TX	359.0	SDR	Snyder					10		11				10					00		
USA, TX	365.0	FT	"Mufin" Fort Worth																00		
USA, TX	368.0	AN	"Alamo" San Antonio								09								00		
USA, TX	385.0	CPZ	"Chaparrosa Ranch" La Pryor								10										
USA, TX	410.0	GG	"Veels" Longview																00		
USA, VA	323.0	GTN	Georgetown													00	04				
USA, VA	351.0	MSQ	Culpeper		06											04	02				
USA, VA	368.0	TEC	"Tech" Blacksburg														02	05			
USA, VA	375.0	SH	"Staut" Staunton / Waynesboro / Harrisonburg														02				
USA, VT	382.0	BT	"Herro" Burlington														04			04	
USA, WA	353.0	AL	"Trina" Walla Walla																		06
USA, WA	365.0	DPY	Deer Park																		06
USA, WA	408.0	MW	"Pelly" Moses Lake							11		09									06
USA, WI	344.0	UNU	Juneau									17	16								
USA, WI	356.0	GR	"Famis" Green Bay										17								
USA, WI	362.0	MT	Manitowac										16								
USA, WI	368.0	VIQ	Neillsville										17								
USA, WI	389.0	EN	"Codee" Kenosha								10	18	17								
USA, WI	395.0	OS	"Pober" Oshkosh									18	17		17			06			
USA, WI	407.0	AQ	"Kooky" Appleton															05			
USA, WI	412.0	CMY	"Mc Coy" Sparta									18	04		05						
USA, WV	284.0	RQY	"Randolph Co" Elkins														02	06			
USA, WV	346.0	LW	"Bushi" Lewisburg														04				
USA, WY	275.0	GEY	Greybull					04	08		13										06
USA, WY	280.0	GYZ	"Camp Guernsey" Guernsey								13	09			17						
USA, WY	293.0	TOR	Torrington					04	06	11	13	09									
USA, WY	380.0	GC	"Deryk" Gillette					04	09		13	10	08								06
VOI	360.0	OX	Iwo Jima	14																	
VTN	320.0	AC	Anloc	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 NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so
ALS	Alaska, AK				3	2	3	1	1										1
ATG	Antigua & Barbuda		1	1							1					1			
AUS	Australia, NN	1																	
AUS	Australia, NW	7																	
AUS	Australia, QD	11																	
AUS	Australia, SA	5																	
AUS	Australia, TA	1																	

AUS	Australia, VI	2																	
AUS	Australia, WE	8																	
BRA	Brazil		9																
BRU	Brunei	1																	
CAN	Canada, AB					1	4		8	2							1		2
CAN	Canada, BC					4	8	5	2	2							1		13
CAN	Canada, MB		3	2			2		4	3	2		3		1				2
CAN	Canada, NB		3	2							1			1	1	2		1	
CAN	Canada, NL		3	2										1	2	4			
CAN	Canada, NT							1											
CAN	Canada, NU		3												1				
CAN	Canada, ON		9	15			1		7	10	11		8	5	11	11		6	
CAN	Canada, QC		12	21			1		5	6	10		4	8	8	13		22	1
CAN	Canada, SK		4				4		6	3	3		3						5
CAN	Canada, YT						1												
CKS	Cook Islands (Southern)				1														
CLM	Colombia		1																
EQA	Ecuador		1																
GDL	Guadeloupe		1																
GRL	Greenland		4																
GUF	French Guyana		1																
HWA	Hawaii, HI				4			2											
INS	Indonesia	5																	
LCA	St Lucia		1																
MLA	Malaysia	1																	
MTS	Minami Tori Shima (JPN)	1																	
NZL	New Zealand	2																	
PLW	Palau	1																	
PRG	Paraguay		1																
PTR	Puerto Rico, PR		2	1					1				1			1			
SPM	St Pierre Et Miquelon		1																
THA	Thailand	2																	
TRD	Trinidad & Tobago		2																
TWN	Taiwan	2																	
USA	USA, AR								1		1	2			1	2	6		
USA	USA, AZ					1		2	1				1						1
USA	USA, CA					3	1	2	1	1									1
USA	USA, CO					1		1	1										
USA	USA, FL		2	1										1	3	2			
USA	USA, GA									1	2				1	9			
USA	USA, IA			1		1			2	6	4	1	6		2	2			
USA	USA, ID							1											
USA	USA, IL								1	8	14	14	1		2	5			
USA	USA, IN									4	4			2	1	1			
USA	USA, KS					4		3	8	3			8		3				
USA	USA, KY														1				
USA	USA, LA																4		
USA	USA, MA		2												1	1			
USA	USA, MD													2	1				
USA	USA, ME		1																
USA	USA, MI		2	4						7	6	1		2	4	2			
USA	USA, MN			1					6	3	3	1	5		3	2			
USA	USA, MO											2	1				1		
USA	USA, MS										1								
USA	USA, MT					1		1		1									2

USA	USA, NC		4											3	3	6				
USA	USA, NE					4	2		7	9	4	4	9		4	2				
USA	USA, NJ		1											1	1					
USA	USA, NM					4		3	3				1				2			
USA	USA, NY		1	1																
USA	USA, OH		2	2						4	5				2	4				
USA	USA, OK		1			1		2	1	1			2		1	1	3			
USA	USA, OR					1			1											2
USA	USA, PA		1												2					
USA	USA, SC		2											2	2	2	1			
USA	USA, SD									1			1							
USA	USA, TN										1			1		2				
USA	USA, TX					5		1	4	1		1	1				10			
USA	USA, VA		1											2	4	1				
USA	USA, VT														1			1		
USA	USA, WA							1		1										3
USA	USA, WI								1	4	7		2			2				
USA	USA, WV														2	1				
USA	USA, WY					3	3	1	4	3	1		1							2
VOI	Volcano Islands / Iwo Jima (JPN)	1																		
VTN	Vietnam	1																		
Cou	**Cou-Name**	**AUS SA rw**	**CAN NS vm**	**CAN ON sn**	**HWA mx**	**USA AZ sr**	**USA CA ha**	**USA CA od**	**USA CO ac**	**USA IL dt**	**USA IL fy**	**USA MO dp**	**USA NE dn**	**USA NJ rs**	**USA OH ra**	**USA PA el**	**USA TX du**	**USA VT se**	**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	CAN NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so
00:00 - 00:59		7							2		5		4			11		
01:00 - 01:59		14	5						8							11	1	
02:00 - 02:59		4	23											40			4	
03:00 - 03:59		2			2							2			1		11	
04:00 - 04:59		3			9					29		11	14	29			12	
05:00 - 05:59		4			5					2		10			53		2	
06:00 - 06:59		26	5			1									25			35
07:00 - 07:59		17	12	2		2		2		10			8					
08:00 - 08:59			7			12	3	12		6								
09:00 - 09:59			2			14	1	33	23				4			1		
10:00 - 10:59					7	1	2	10	6		21					4		
11:00 - 11:59				3	13		20									1		
12:00 - 12:59				2					1									
13:00 - 13:59	11							14					1					
14:00 - 14:59	36							5										
15:00 - 15:59									1									
16:00 - 16:59										14								
17:00 - 17:59	5								28	20		34						
18:00 - 18:59									12			1				1		
19:00 - 19:59		3							1									
20:00 - 20:59							1		1									
21:00 - 21:59																		
22:00 - 22:59		2		1														

23:00 - 23:59									1									
UTC (hh)	AUS SA rw	CAN NS vm	CAN ON sn	HWA mx	USA AZ sr	USA CA ha	USA CA od	USA CO ac	USA IL dt	USA IL fy	USA MO dp	USA NE dn	USA NJ rs	USA OH ra	USA PA el	USA TX du	USA VT se	USA WA so
NDBs:	52	82	54	8	36	30	27	76	84	81	26	58	31	69	79	29	30	35

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
308.0	ZZD	Calmar (Edmonton Intl Apt)	AB	CAN	**ac**	0933
328.0	5J	Coronation	AB	CAN	**ac**	1030
329.0	X2	Athabasca	AB	CAN	**ac**	0916
405.0	2K	Camrose	AB	CAN	**ac**	0931
414.0	GL	"Shugr" Goodland	KS	USA	**ac**	1401
337.0	FF	"Hamre" Fergus Falls	MN	USA	**ac**	0832
360.0	SW	"Roadd" Warroad	MN	USA	**ac**	0933
362.0	CD	"Dawes" Chadron	NE	USA	**ac**	1355
298.0	3N	Weyburn	SK	CAN	**ac**	0930
397.0	ZSS	Yellowhead (Saskatoon)	SK	CAN	**ac**	0930
402.0	M3	Kindersley	SK	CAN	**ac**	0931
385.0	CPZ	"Chaparrosa Ranch" La Pryor	TX	USA	**ac**	1000
386.0	SYF	St. Francis	KS	USA	**dn**	1703
404.0	HU	"Saltt" Hutchinson	KS	USA	**dn**	1703
282.0	ROS	Rush City	MN	USA	**dn**	0538
385.0	LN	"Potts" Lincoln	NE	USA	**dn**	1703
385.0	JD	"Gooey" Belleville	IL	USA	**dp**	1027
388.0	MD	"Cabbi" Carbondale / Murphysboro	IL	USA	**dp**	1028
326.0	SU	"Snoop" Saint Louis	MO	USA	**dp**	1016
293.0	FBY	Fairbury	NE	USA	**dp**	0010
295.0	8C	Fairview	AB	CAN	**dt**	0926
345.0	PUF	"Puff" Estherville	IA	USA	**dt**	2335
365.0	JN	"Balll" Muncie	IN	USA	**dt**	1743
342.0	ST	"Hussk" St Cloud	MN	USA	**dt**	1725
347.0	YK	"Cagur" Yankton	NE	USA	**dt**	1703
402.0	L4	Nipawin	SK	CAN	**dt**	0935
379.0	RUE	Russellville	AR	USA	**du**	0126
418.0	EL	"Lados" El Dorado	AR	USA	**du**	0125
344.0	TKH	"Tallulah" Vicksburg	LA	USA	**du**	0131
385.0	DXB	De Ridder	LA	USA	**du**	0031
392.0	ML	"Sabar" Monroe	LA	USA	**du**	0129
407.0	OOC	"Campi" Natchitoches	LA	USA	**du**	0128
397.0	JE	"Algoa" Jefferson City	MO	USA	**du**	1003
400.0	AI	"Addmo" Ardmore	OK	USA	**du**	0039
278.0	IL	"Iresh" Killeen	TX	USA	**du**	0125
281.0	CX	"Alibi" Conroe	TX	USA	**du**	1802
341.0	DNI	Denison	TX	USA	**du**	0002
347.0	ATA	Atlanta	TX	USA	**du**	0013
356.0	SJ	"Woole" San Angelo	TX	USA	**du**	0026
365.0	FT	"Mufin" Fort Worth	TX	USA	**du**	0029
410.0	GG	"Veels" Longview	TX	USA	**du**	0040
339.0	OP	"Yates" Thomaston	GA	USA	**el**	0603

359.0	LYZ	"Willis" Bainbridge	GA	USA	**el**	0523
362.0	SUR	Fitzgerald	GA	USA	**el**	0505
366.0	EZM	Eastman	GA	USA	**el**	0505
370.0	VOF	"Alcovy" Covington	GA	USA	**el**	0503
372.0	UQN	"Onyun" Vidalia	GA	USA	**el**	0500
380.0	UMB	"Culvr" Milledgeville	GA	USA	**el**	0502
385.0	EMR	"Emory" Augusta	GA	USA	**el**	0559
357.0	IM	"Keans" Asheville	NC	USA	**el**	0509
393.0	FGP	Fort Bragg	NC	USA	**el**	0603
340.0	ZJT	Stephenville	NL	CAN	**el**	0546
400.0	LKR	Lancaster	SC	USA	**el**	0545
407.0	AQ	"Kooky" Appleton	WI	USA	**el**	0516
341.0	SB	"Misha" South Bend	IN	USA	**fy**	1656
349.0	GW	"Teock" Greenwood	MS	USA	**fy**	0517
356.0	GR	"Famis" Green Bay	WI	USA	**fy**	1734
362.0	MT	Manitowac	WI	USA	**fy**	1658
368.0	VIQ	Neillsville	WI	USA	**fy**	1737
362.0	6T	Foremost	AB	CAN	**ha**	0927
408.0	Z7	Claresholm	AB	CAN	**ha**	0847
356.0	ZXE	Barnes (Saskatoon)	SK	CAN	**ha**	0920
365.0	MA	Mayo	YT	CAN	**ha**	0929
341.0	ELF	"Elfee" Cold Bay	AK	ALS	**mx**	1206
327.0	VYI	"Valley Island" Kahului	HI	HWA	**mx**	0756
339.0	BSF	"Bradshaw" Camp Pohakuloa	HI	HWA	**mx**	1122
352.0	RG	Nikau (Rarotonga Island)		CKS	**mx**	1113
403.0	AZC	Colorado City	AZ	USA	**od**	1113
383.0	PI	"Tyhee" Pocatello	ID	USA	**od**	1135
356.0	ZF	Yellowknife	NT	CAN	**od**	0910
340.0	GN	"Brindl" Lexington	KY	USA	**ra**	0246
407.0	OX	"Landy" Ocean City	MD	USA	**ra**	0425
299.0	VV	"CAMOR" Uniontown	PA	USA	**ra**	0425
388.0	UN	"Penue" State College	PA	USA	**ra**	0246
375.0	SH	"Staut" Staunton / Waynesboro / Harrisonburg	VA	USA	**ra**	0246
346.0	LW	"Bushi" Lewisburg	WV	USA	**ra**	0425
332.0	DC	"Oxonn" Oxon Hill (Fort Foote Park)	MD	USA	**rs**	0040
400.0	NHK	"Patuxent" Patuxent River	MD	USA	**rs**	0057
278.0	EOE	"Enoree" Newberry	SC	USA	**rs**	0400
335.0	AS	Alice Springs	NN	AUS	**rw**	1403
299.0	CWR	Cowra	NW	AUS	**rw**	1352
305.0	GTH	Griffith	NW	AUS	**rw**	1353
332.0	BHI	Broken Hill	NW	AUS	**rw**	1403
365.0	WLM	Williamtown	NW	AUS	**rw**	1406
374.0	WLG	Walgett	NW	AUS	**rw**	1357
401.0	ARM	Armidale	NW	AUS	**rw**	1406
413.0	NBR	Narrabri	NW	AUS	**rw**	1407
276.0	TVL	Townsville	QD	AUS	**rw**	1400
308.0	MK	Mackay	QD	AUS	**rw**	1353
311.0	NTN	Normanton	QD	AUS	**rw**	1400
324.0	EML	Emerald	QD	AUS	**rw**	1402
338.0	MA	Mount Isa	QD	AUS	**rw**	1401
353.0	LRE	Longreach	QD	AUS	**rw**	1405
356.0	HID	Horn Island	QD	AUS	**rw**	1406
364.0	CS	Cairns	QD	AUS	**rw**	1406
377.0	ROM	Roma	QD	AUS	**rw**	1358
398.0	BOU	Boulia	QD	AUS	**rw**	1406

404.0	COE	Coen	QD	AUS	**rw**	1407
287.0	LEC	Leigh Creek	SA	AUS	**rw**	1356
293.0	CDU	Ceduna	SA	AUS	**rw**	1355
341.0	CBP	Coober Pedy	SA	AUS	**rw**	1404
389.0	PLC	Port Lincoln	SA	AUS	**rw**	1404
416.0	PF	Parafield	SA	AUS	**rw**	1408
302.0	WYY	Wynyard	TA	AUS	**rw**	1356
350.0	ESL	East Sale	VI	AUS	**rw**	1405
407.0	SWH	Swan Hill	VI	AUS	**rw**	1408
278.0	PBO	Paraburdoo	WE	AUS	**rw**	1359
323.0	CAR	Carnarvon	WE	AUS	**rw**	1402
326.0	ESP	Esperance	WE	AUS	**rw**	1403
359.0	GEL	Geraldton	WE	AUS	**rw**	1407
372.0	GIG	Gingin	WE	AUS	**rw**	1404
383.0	WLU	Wiluna	WE	AUS	**rw**	1403
386.0	BLN	Busselton	WE	AUS	**rw**	1404
396.0	LM	Learmonth	WE	AUS	**rw**	1404
283.0	PH	Phetchabun		THA	**rw**	1740
290.0	LW	Lawang		INS	**rw**	1400
300.0	OY	Bandung		INS	**rw**	1354
310.0	HK	Hokitika		NZL	**rw**	1357
316.0	SM	Samui		THA	**rw**	1738
318.0	BR	Brunei		BRU	**rw**	1400
320.0	AC	Anloc		VTN	**rw**	1738
340.0	OH	Ambon		INS	**rw**	1404
343.0	ML	Minami Tori Shima		MTS	**rw**	1401
348.0	BM	IRARUTU/BABO		INS	**rw**	1405
360.0	OX	Iwo Jima		VOI	**rw**	1407
371.0	ROR	Koror		PLW	**rw**	1402
380.0	YU	Hualien		TWN	**rw**	1739
382.0	WU	Wanganui		NZL	**rw**	1401
390.0	OU	Banjarmasin		INS	**rw**	1406
400.0	JB	Jaybee		MLA	**rw**	1404
415.0	KW	Hengchun		TWN	**rw**	1742
391.0	OO	Oshawa	ON	CAN	**se**	0438
329.0	OU	Ste-Foy	QC	CAN	**se**	0313
400.0	CI	"Koloe" Sault Ste. Marie	MI	USA	**sn**	0809
329.0	IA	"Kathi" Niagara Falls	NY	USA	**sn**	0157
341.0	CCJ	"Clark Co" Springfield	OH	USA	**sn**	0200
379.0	YPQ	Peterborough	ON	CAN	**sn**	0206
397.0	ZHA	Ancaster (Hamilton)	ON	CAN	**sn**	0210
385.0	YNC	Wemindji	QC	CAN	**sn**	0804
293.0	MB	"Mill Bay" Victoria	BC	CAN	**so**	0612
332.0	XT	Terrace	BC	CAN	**so**	0622
359.0	YAZ	Tofino	BC	CAN	**so**	0633
378.0	AP	Active Pass (Mayne Island)	BC	CAN	**so**	0642
410.0	ZQ	CCGS Sir Wilfrid Laurier	BC	CAN	**so**	0651
414.0	LYI	Libby	MT	USA	**so**	0653
356.0	PND	"Abate" Portland	OR	USA	**so**	0632
353.0	AL	"Trina" Walla Walla	WA	USA	**so**	0631
365.0	DPY	Deer Park	WA	USA	**so**	0635
355.0	AUB	"Saldo" King Salmon	AK	ALS	**sr**	1110
385.0	MR	"Munso" Monterey	CA	USA	**sr**	1145
330.0	MF	"Missi" Mc Allen	TX	USA	**sr**	1101
335.0	DR	"Kotti" Del Rio	TX	USA	**sr**	1105

397.0	OW	"Stoge" Norwood	MA	USA	**vm**	0601
353.0	PG	Portage	MB	CAN	**vm**	0716
348.0	BUP	"Burnham" Pittsfield	ME	USA	**vm**	0738
363.0	1F	"Manta" Bathurst	NB	CAN	**vm**	0106
366.0	ZMN	Lewisville (Moncton)	NB	CAN	**vm**	1946
417.0	HQT	"Harnett" Coats	NC	USA	**vm**	0630
346.0	1D	Charlottetown	NL	CAN	**vm**	0645
284.0	RT	Rankin Inlet	NU	CAN	**vm**	0630
341.0	YCS	Chesterfield Inlet	NU	CAN	**vm**	0715
335.0	SW	"Neely" Newburgh	NY	USA	**vm**	0640
328.0	BZJ	"Bellgrove" Indiantown Gap	PA	USA	**vm**	0641
330.0	SJ	Patty	PR	PTR	**vm**	0436
338.0	YPX	Puvirnituq	QC	CAN	**vm**	0620
368.0	VX	Dafoe	SK	CAN	**vm**	0641
279.0	SI	Simiutaq (Kitaa)		GRL	**vm**	0513
285.0	DOU	Dourados (MS)		BRA	**vm**	0353
295.0	ATM	Altamira		BRA	**vm**	0314
298.0	KU	Kook Islands (Kitaa)		GRL	**vm**	0403
305.0	BNE	Hewanorra		LCA	**vm**	0230
309.0	GPI	Guapi		CLM	**vm**	0154
310.0	PSN	Piracununga (SP)		BRA	**vm**	0611
323.0	TAB	Crown Point		TRD	**vm**	0149
327.0	FXC	Cayenne		GUF	**vm**	0201
340.0	PTP	Ponta Pora (MS)		BRA	**vm**	0210
359.0	NA	Narsarsuaq (Kitaa)		GRL	**vm**	0659
360.0	JAC	Jacare-a-Canga (PA)		BRA	**vm**	0158
365.0	PAL	Palma		EQA	**vm**	0152
372.0	OZN	Prins Christian Sund / Kitaa		GRL	**vm**	0211
380.0	BRU	Bauru (SP)		BRA	**vm**	0551
382.0	TRI	"Piarco" Port of Spain		TRD	**vm**	0158
385.0	PTP	Pointe a Pitre		GDL	**vm**	0150
386.0	SP	St. Pierre		SPM	**vm**	0046
400.0	GJM	Guajara (RO)		BRA	**vm**	0450
405.0	CON	Concepcion		PRG	**vm**	0158
410.0	IG	Guarulhos (SP)		BRA	**vm**	0639
415.0	PCL	Poços de Caldas (MG)		BRA	**vm**	0202

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE248	275-425 kHz	27.09.2019 - 30.09.2019
NOW	CLE268	275-425 kHz	28.05.2021 - 31.05.2021

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	1236	2636	47	137	38	52	2764	6883
CAN, NS vm	1826	2523	148	207	81	82	7645	7814
CAN, ON sn	984	973	72	53	73	54	4514	3367
HWA mx	3901	2207	117	18	30	8	8036	4716
USA, AZ sr	2662	1497	192	54	72	36	10096	4620
USA, CA ha	1775	1806	80	54	45	30	3836	3773
USA, CA od	1856	1703	78	46	42	27	5389	4084

USA, CO ac	1150	1258	106	96	92	76	3280	4393
USA, IL dt	1200	886	119	74	99	84	3892	2647
USA, IL fy	802	786	71	64	88	81	4460	3703
USA, MO dp	887	355	75	9	85	26	4230	1139
USA, NE dn	1178	894	101	52	86	58	5764	4064
USA, NJ rs	1107	897	34	28	31	31	2201	1947
USA, OH ra	1000	958	50	66	50	69	3738	2708
USA, TX du	900	585	40	17	45	29	3170	2840
USA, WA so	2256	839	165	29	73	35	9865	3155
Averages:	**1545**	**1300**	**93**	**63**	**64**	**49**	**5180**	**3866**
% Increase:		**-16**		**-33**		**-24**		**-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
USA, PA el		1159		92		79		2877
USA, VT se		590		18		30		1555
Averages:		**875**		**55**		**55**		**2216**
% 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. 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!