

**NDB LIST CLE No. 106 400 - 419.9 kHz 20 - 23 June 2008 midday - midday local time**

**COMBINED RESULTS**

**N.AMERICA (+)**

For overall statistics, please see the covering email.

**Reporters:**

AUS	WE	<b>is</b>	David Isele, Mt Helena, Western Australia
CAN	ON	<b>hb</b>	Herb Balfour, Richmond Hill, N. of Toronto
USA	AZ	<b>dp</b>	Dick Palmer, Green Valley
USA	CA	<b>dn</b>	Don Tomkinson, Upland
USA	IL	<b>dt</b>	Dave Tomasko, Galena
USA	NC	<b>dw</b>	Don Ward, Raleigh, NC
USA	OR	<b>jw</b>	Jack Woods, Waldport, Oregon coast
USA	OR	<b>mc</b>	Mark McCarthy, Portland
USA	OR	<b>sr</b>	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	<b>du</b>	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	<b>mu</b>	Mark Moulding, Ogden

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 (cle'at'beaconworld.org.uk  
- replace the 'at' by an '@' symbol)

**BEACONS HEARD:**

**Beacons are shown in kHz order within each Country and State/Province**

UNIDs and Offshore NDBs appear at the end of the list.

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.  
(e.g. 14 indicates logged between 14:00-14:59 UTC)

Cou	St	kHz	Call	Location	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu
ALS	-	411	ILI	Iliamna							9				
ALS	-	414	IME	Sitka						8					
AUS	NW	401	ARM	Armidale	14										
AUS	NW	413	NBR	Narrabri	14										
AUS	NW	419	PCK	Point Cook	14										
AUS	QD	404	COE	Coen	14										
AUS	QD	413	BDV	Birdsville	14										
AUS	QD	416	BCK	Blackall	14										
AUS	QD	416	MTI	Mornington Island	13										
AUS	VI	407	SWH	Swan Hill	15										
AUS	VI	413	SBG	Strathbogie	13										
AUS	WE	404	KA	Karratha	13										
AUS	WE	407	LTN	Laverton	13										
AUS	WE	407	MRW	Morawa	13										
BRA	-	410	PEL	Pt.Pelada Manaus					6						
CAN	AB	405	2K	Camrose						9	8	5			
CAN	AB	405	9G	Sundre							10				
CAN	AB	406	2S	High Prairie							9				
CAN	AB	408	Z7	Claresholm							8	6		8	
CAN	BC	400	QQ	Comox			7	6		7	10	4	19		8
CAN	NB	404	YSL	St Leonard						2					
CAN	ON	401	YPO	Peawanuck		13				3			6		
CAN	ON	403	ZTO	Toronto		1									
CAN	ON	404	ZR	Sarnia						4					
CAN	ON	404	ZYB	North Bay						2					
CAN	ON	408	SN	St Catharines		1				5					
CAN	ON	409	YTA	Pembroke						2					
CAN	ON	413	YHD	Dryden		13				5		8	6		8
CAN	QC	401	Y8	Drummondville						2					

CAN	QC	405	7L	La Sarre					6					
CAN	QC	407	ZHU	Hauts Bois St Hubert					2					
CAN	QC	414	3U	Gatineau					1					
CAN	SK	402	L4	Nipawin								6		
CAN	SK	402	M3	Kindersley								5		
CAN	SK	406	YLJ	Meadow Lake					8		8	5		8
CAN	SK	414	ZRG	Regina							8	6		8
CLM	-	400	PIE	Piedecuestra					5					
CYM	-	415	CBC	Cayman Brac. West End			8		1				6	
INS	-	400	TN	Tangerang	14									
INS	-	400	WR	Surabaya	14									
MEX	-	400	ENS	Ensenada			11	10						9
THA	-	414	UP	Rayong U Taphao	14									
TWN	-	415	KW	Hengchun	13									
USA	AL	410	XBR	Fort Rucker					4					
USA	AZ	403	AZC	Colorado City			7	8				5		8
USA	AZ	407	CHD	Chandler			3	8				11		9
USA	AZ	410	DAO	Fort Huachuca			3	9				11		8
USA	CA	404	MOG	Montague			7	7			11	4	19	8
USA	CO	400	FN	Fort Collins			7				10		5	8
USA	CO	400	VQ	Alamosa			7						6	
USA	CO	407	CO	Colorado Springs									5	
USA	FL	408	SFB	Orlando Sanford					2					
USA	GA	400	OHY	Cordele					3					
USA	GA	400	UWI	Dalton					1					
USA	GA	404	BMW	Barrow Co.					3					
USA	GA	407	BZ	Statesboro					1					
USA	GA	409	TM	Tifton					7					
USA	GA	412	JHH	Griffin					1					
USA	GA	414	AZE	Hazlehurst					1					
USA	GA	415	DJD	Canton					5					
USA	GA	419	TX	Lawrenceville					5					

USA	IA	403	AXA	Algona			10	8					
USA	IA	407	BNW	Boone			18	5					
USA	IA	410	EGQ	Emmetsburg			10	4			7		
USA	IA	411	SDA	Shenandoah			10	5			6		
USA	IA	414	OOA	Oskaloosa			10						
USA	IA	414	SU	Sioux City			10				7		
USA	IA	417	IY	Charles City			10	5			7	6	
USA	IL	400	SLO	Salem			12	5					
USA	IL	407	CM	Champaign			10						
USA	IN	401	LA.	Lafayette			15	3					
USA	IN	410	BA	Columbus			10	1					
USA	IN	417	HHG	Huntington			10	4			7	6	
USA	KS	407	HRU	Herington				8			7	6	
USA	KS	408	JDM	Colby		8					5	5	
USA	KS	410	MSB	Iola				5					
USA	KS	414.5	RPB	Belleville		8	10	6			6	6	
USA	KY	401	GGK	Mayfield				2				5	
USA	KY	414	LK	Louisville				8					
USA	LA	407	IE	Natchitoches				9				6	
USA	LA	410	DQU	De Quincy				9				8	
USA	LA	414	MSD	Mansfield				9				6	
USA	LA	418	CW	Lake Charles				5				6	
USA	MD	400	NHK	Patuxent River				1					
USA	MD	407	OX	Ocean City				3					
USA	MI	400	CI	Sault Ste Marie				4					
USA	MI	410	SO	Marquette				3					
USA	MI	419	RYS	Grosse Ile				1					
USA	MO	400	TRX	Trenton			10	7					
USA	MO	411	HAE	Hannibal			10	3					
USA	MO	414	IEB	Lebanon				3					
USA	MT	404	OLF	Wolf Point						9	5		9
USA	MT	410	GDV	Glendive				8	9	8	6		8

USA	MT	414	LYI	Libby						8	7	6		8
USA	MT	415	LO	West Yellowstone							9	6		8
USA	NC	406	TT	Sanford					16					
USA	NC	407	RZZ	Roanoke Rapids					16					
USA	NC	410	JU	West Jefferson					17					
USA	NC	412	CTZ	Clinton					17					
USA	NC	415	ASJ	Ahoskie					17					
USA	NC	417	HQT	Coats					17					
USA	NC	417	SLP	Shelby					2					
USA	NE	400	AHQ	Wahoo				15	5			6		
USA	NE	404	FNB	Falls City Brenner				10	5					
USA	NE	407	PLT	Columbus								7		
USA	NE	414	GRN	Gordon					4					
USA	NE	416	LB	North Platte								6		
USA	NM	402	CV	Carlsbad			11							9
USA	NM	407	PRZ	Portales			8							10
USA	NM	414	ATS	Artesia			3					6		6
USA	NM	414	SKX	Taos			8	8						
USA	NY	400	FO	Westhampton Beach					4					
USA	NY	400	PTD	Potsdam					1					
USA	NY	407	FR	Farmingdale					5					
USA	NY	414	OGY	New York					6					
USA	OH	407	IL	Wilmington					4					
USA	OH	408	HBD	Hubbard					5					
USA	OH	411	VFU	Van Wert		23		10	4					
USA	OH	414	CSS	Washington Court House					2					
USA	OK	400	AI	Ardmore										5
USA	OK	406	OK	Tulakes Tuloo										5
USA	OK	411	HDL	Holdenville			8		6			6		6
USA	OR	411	RD	Redmond				7		8	4	19		11
USA	PA	407	RV	Reedsville					4					
USA	SC	400	LKR	Lancaster					1					

USA	SC	404	CKI	Kingstree						18							
USA	SC	408	LQK	Lake Kiowee Pickens						2							
USA	SC	409	CQW	Cheraw						1							
USA	SC	414	FDW	Winnsboro						2							
USA	SD	400	MDS	Madison									6				
USA	SD	407	RVB	Mobridge									7				
USA	TN	403	BPO	Oneida Piney Grove						1							
USA	TN	404	BAV	Bolivar						6							
USA	TN	410	TIQ	Paris						4							
USA	TN	414	JUE	Lebanon						1						6	
USA	TX	400	ROB	Waco												14	
USA	TX	403	MFS	Marble Falls												8	
USA	TX	404	ABG	Big Sandy												5	
USA	TX	407	AKL	Haskell												6	
USA	TX	410	GG	Longview												6	
USA	TX	410	OIP	Eastland												9	
USA	TX	412	BWR	Brewster			3										
USA	WA	408	MW	Moses Lake				7			11	4	19			8	
USA	WI	400	MS	Madison					10	7							
USA	WI	407	AQ	Appleton					15	5							
USA	WI	410	MK	Milwaukee		23			10	7							
USA	WI	412	CMY	Sparta					12	6							
XON	-	415	IEE	Platform Irene (off CA)				9									
XUN	-	402	C.	(UNID)			7	10									
XUU	-	410	2827	(UNID)	13												
XUU	-	419	RKA	(UNID) (Indian Ocean?)	13												
<b>Cou</b>	<b>St</b>	<b>kHz</b>	<b>Call</b>	<b>Location</b>	<b>AUS</b>	<b>CAN</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>USA</b>
					<b>WE</b>	<b>ON</b>	<b>AZ</b>	<b>CA</b>	<b>IL</b>	<b>NC</b>	<b>OR</b>	<b>OR</b>	<b>OR</b>	<b>TX</b>	<b>UT</b>	<b>UT</b>	<b>mu</b>
					<b>is</b>	<b>hb</b>	<b>dp</b>	<b>dn</b>	<b>dt</b>	<b>dw</b>	<b>jw</b>	<b>mc</b>	<b>sr</b>	<b>du</b>	<b>mu</b>		

**COUNTRIES and STATES / PROVINCES HEARD:**

Shows the number of NDBs in each radio country that were logged by each reporter.

Cou	Country	St	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu
ALS	Alaska (US State)	-							2				
AUS	Australia	NW	3										
AUS	Australia	QD	4										
AUS	Australia	VI	2										
AUS	Australia	WE	3										
BRA	Brazil	-						1					
CAN	Canada	AB							1	4	2		1
CAN	Canada	BC			1	1		1	1	1	1		1
CAN	Canada	NB						1					
CAN	Canada	ON		4				6		1	2		1
CAN	Canada	QC						4					
CAN	Canada	SK						1		2	4		2
CLM	Colombia	-						1					
CYM	Cayman Is.	-			1			1				1	
INS	Indonesia	-	2										
MEX	Mexico	-			1	1							1
THA	Thailand	-	1										
TWN	Taiwan (ROC)	-	1										
USA	USA	AL						1					
USA	USA	AZ			3	3					3		3
USA	USA	CA			1	1			1	1	1		1
USA	USA	CO			2				1		3		1
USA	USA	FL						1					
USA	USA	GA						9					
USA	USA	IA						5			4	1	
USA	USA	IL						1					
USA	USA	IN						3			1	1	
USA	USA	KS			2			3			3	3	
USA	USA	KY						2				1	

USA	USA	LA						4				4	
USA	USA	MD						2					
USA	USA	MI						3					
USA	USA	MO					2	3					
USA	USA	MT						1	2	4	4		4
USA	USA	NC						7					
USA	USA	NE					2	3			3		
USA	USA	NM			4	1					1	3	
USA	USA	NY						4					
USA	USA	OH		1				4					
USA	USA	OK			1			1			1	3	
USA	USA	OR				1			1	1	1		1
USA	USA	PA						1					
USA	USA	SC						5					
USA	USA	SD									2		
USA	USA	TN						4				1	
USA	USA	TX			1							6	
USA	USA	WA				1			1	1	1		1
USA	USA	WI		1			4	4					
XON	Offshore	-				1							
XUN	(UNID)	-			1	1							
XUU	(UNID)	-	2										
Cou	Country	St	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu



**LISTENING TIMES:**

Shows the number of NDBs logged by each reporter during the time periods shown.

UTC (hh)	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu
00:00 - 00:59											
01:00 - 01:59		2				14					
02:00 - 02:59						11					
03:00 - 03:59			4			8					
04:00 - 04:59						11		4			
05:00 - 05:59						16			8	5	
06:00 - 06:59				1		7			16	13	
07:00 - 07:59			6	3		5		1	7		
08:00 - 08:59			6	3		5	3	6		2	13
09:00 - 09:59				2		3	3	3		2	3
10:00 - 10:59				2	16		2	1		1	
11:00 - 11:59			2				2		2		1
12:00 - 12:59					2						
13:00 - 13:59	8	2									
14:00 - 14:59	9									1	
15:00 - 15:59	1				3						
16:00 - 16:59						2					
17:00 - 17:59						4					
18:00 - 18:59					1	1					
19:00 - 19:59									4		
20:00 - 20:59											
21:00 - 21:59											
22:00 - 22:59											
23:00 - 23:59		2									
UTC (hh)	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu

**NDBs HEARD, BY FREQUENCY:**

The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

NDBs	kHz	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu
21	400	2		4	2	4	13	2	1	5	2	3
5	401	1	1			1	4			1	1	
4	402			2	1					2	1	
5	403		1	1	1	1	2			1	1	1
12	404	2		1	1	1	7	1	2	2	1	2
3	405						1	1	2	1		
4	406						2		2	1	1	1
21	407	3		2	1	3	11			5	4	1
7	408		1	1	1		4	1	2	3	1	2
3	409						3					
15	410	1	1	1	1	3	11	1	1	3	3	2
6	411		1	1	1	3	4	2	1	3	1	1
4	412			1		1	3					
4	413	3	1				1		1	1		1
18	414	1		2	1	2	10	2	2	4	3	2
1	414.5			1		1	1			1	1	
6	415	1		1	1		3		1	1	1	1
3	416	2								1		
4	417					2	4			2	2	
1	418						1				1	
4	419	2					2					
NDBs	kHz	AUS WE is	CAN ON hb	USA AZ dp	USA CA dn	USA IL dt	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu

## **MOBs**

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

kHz	C/S	Location	St	ITU	Rptr	UTC
415	IEE	Platform Irene (off CA)	-	XON	<b>dn</b>	09:01
412	BWR	Brewster	TX	USA	<b>dp</b>	03:10
414	OOA	Oskaloosa	IA	USA	<b>dt</b>	10:40
407	CM	Champaign	IL	USA	<b>dt</b>	10:35
400	AI	Ardmore	OK	USA	<b>du</b>	05:39
406	OK	Tulakes Tuloo	OK	USA	<b>du</b>	05:53
404	ABG	Big Sandy	TX	USA	<b>du</b>	05:50
407	AKL	Haskell	TX	USA	<b>du</b>	06:03
410	GG	Longview	TX	USA	<b>du</b>	06:14
403	MFS	Marble Falls	TX	USA	<b>du</b>	08:21
410	OIP	Eastland	TX	USA	<b>du</b>	09:34
400	ROB	Waco	TX	USA	<b>du</b>	14:19
410	PEL	Pt.Pelada Manaus	-	BRA	<b>dw</b>	06:45
400	PIE	Piedecuestra	-	CLM	<b>dw</b>	05:00
410	XBR	Fort Rucker	AL	USA	<b>dw</b>	04:45
408	SFB	Orlando Sanford	FL	USA	<b>dw</b>	02:30
407	BZ	Statesboro	GA	USA	<b>dw</b>	01:00
414	AZE	Hazlehurst	GA	USA	<b>dw</b>	01:15
412	JHH	Griffin	GA	USA	<b>dw</b>	01:15
400	UWI	Dalton	GA	USA	<b>dw</b>	01:30
404	BMW	Barrow Co.	GA	USA	<b>dw</b>	03:00
400	OHY	Cordele	GA	USA	<b>dw</b>	03:30
419	TX	Lawrenceville	GA	USA	<b>dw</b>	05:15
415	DJD	Canton	GA	USA	<b>dw</b>	05:15
409	TM	Tifton	GA	USA	<b>dw</b>	07:00
410	MSB	Iola	KS	USA	<b>dw</b>	05:30
414	LK	Louisville	KY	USA	<b>dw</b>	08:45
400	NHK	Patuxent River	MD	USA	<b>dw</b>	01:00

407	OX	Ocean City	MD	USA	<b>dw</b>	03:30
419	RYS	Grosse Ile	MI	USA	<b>dw</b>	01:45
410	SO	Marquette	MI	USA	<b>dw</b>	03:15
400	CI	Sault Ste Marie	MI	USA	<b>dw</b>	04:30
414	IEB	Lebanon	MO	USA	<b>dw</b>	03:45
404	YSL	St Leonard	NB	CAN	<b>dw</b>	02:30
417	SLP	Shelby	NC	USA	<b>dw</b>	02:45
407	RZZ	Roanoke Rapids	NC	USA	<b>dw</b>	16:48
406	TT	Sanford	NC	USA	<b>dw</b>	16:48
417	HQT	Coats	NC	USA	<b>dw</b>	17:00
412	CTZ	Clinton	NC	USA	<b>dw</b>	17:00
415	ASJ	Ahoskie	NC	USA	<b>dw</b>	17:00
410	JU	West Jefferson	NC	USA	<b>dw</b>	17:00
414	GRN	Gordon	NE	USA	<b>dw</b>	04:45
400	PTD	Potsdam	NY	USA	<b>dw</b>	01:30
400	FO	Westhampton Beach	NY	USA	<b>dw</b>	04:00
407	FR	Farmingdale	NY	USA	<b>dw</b>	05:00
414	OGY	New York	NY	USA	<b>dw</b>	06:15
414	CSS	Washington Court House	OH	USA	<b>dw</b>	02:15
407	IL	Wilmington	OH	USA	<b>dw</b>	04:00
408	HBD	Hubbard	OH	USA	<b>dw</b>	05:00
404	ZYB	North Bay	ON	CAN	<b>dw</b>	02:00
409	YTA	Pembroke	ON	CAN	<b>dw</b>	02:00
404	ZR	Sarnia	ON	CAN	<b>dw</b>	04:30
407	RV	Reedsville	PA	USA	<b>dw</b>	04:00
414	3U	Gatineau	QC	CAN	<b>dw</b>	01:45
401	Y8	Drummondville	QC	CAN	<b>dw</b>	02:00
407	ZHU	Hauts Bois St Hubert	QC	CAN	<b>dw</b>	02:00
405	7L	La Sarre	QC	CAN	<b>dw</b>	06:00
400	LKR	Lancaster	SC	USA	<b>dw</b>	01:00
409	CQW	Cheraw	SC	USA	<b>dw</b>	01:30
414	FDW	Winnsboro	SC	USA	<b>dw</b>	02:15
408	LQK	Lake Kiowee Pickens	SC	USA	<b>dw</b>	02:30
404	CKI	Kingstree	SC	USA	<b>dw</b>	18:12
403	BPO	Oneida Piney Grove	TN	USA	<b>dw</b>	01:30
410	TIQ	Paris	TN	USA	<b>dw</b>	04:30

404	BAV	Bolivar	TN	USA	<b>dw</b>	06:30
403	ZTO	Toronto	ON	CAN	<b>hb</b>	01:27
400	WR	Surabaya	-	INS	<b>is</b>	14:46
400	TN	Tangerang	-	INS	<b>is</b>	14:49
414	UP	Rayong U Taphao	-	THA	<b>is</b>	14:05
415	KW	Hengchun	-	TW	<b>is</b>	13:15
419	RKA	(UNID) (Indian Ocean?)	-	XUU	<b>is</b>	13:07
410	2827	(UNID)	-	XUU	<b>is</b>	13:30
413	NBR	Narrabri	NW	AUS	<b>is</b>	14:20
401	ARM	Armidale	NW	AUS	<b>is</b>	14:30
419	PCK	Point Cook	NW	AUS	<b>is</b>	14:57
416	MTI	Mornington Island	QD	AUS	<b>is</b>	13:13
413	BDV	Birdsville	QD	AUS	<b>is</b>	14:01
416	BCK	Blackall	QD	AUS	<b>is</b>	14:12
404	COE	Coen	QD	AUS	<b>is</b>	14:22
413	SBG	Strathbogje	VI	AUS	<b>is</b>	13:27
407	SWH	Swan Hill	VI	AUS	<b>is</b>	15:13
407	LTN	Laverton	WE	AUS	<b>is</b>	13:04
404	KA	Karratha	WE	AUS	<b>is</b>	13:04
407	MRW	Morawa	WE	AUS	<b>is</b>	13:04
414	IME	Sitka	-	ALS	<b>jw</b>	08:58
411	ILI	Iliamna	-	ALS	<b>jw</b>	09:24
406	2S	High Prairie	AB	CAN	<b>mc</b>	09:36
405	9G	Sundre	AB	CAN	<b>mc</b>	10:01
407	CO	Colorado Springs	CO	USA	<b>sr</b>	05:54
416	LB	North Platte	NE	USA	<b>sr</b>	06:37
407	PLT	Columbus	NE	USA	<b>sr</b>	07:14
400	MDS	Madison	SD	USA	<b>sr</b>	06:48
407	RVB	Mobridge	SD	USA	<b>sr</b>	07:22
402	M3	Kindersley	SK	CAN	<b>sr</b>	05:40
402	L4	Nipawin	SK	CAN	<b>sr</b>	06:36
kHz	C/S	Location	St	ITU	<b>Rptr</b>	UTC

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE90 400 - 419.9 kHz 6 - 10 April 2007  
**NOW:** CLE106 400 - 419.9 kHz 20 - 23 June 2008

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
CAN ON hb	810	644	32	4	39	6	2691	1309
USA AZ dp	1883	1056	128	18	68	17	4811	3386
USA CA dn	1611	890	19	9	12	10	4046	1841
USA IL dt	1009	366	115	8	114	22	2769	680
USA OR jw	2042	1111	37	11	18	10	9612	2667
USA OR mc	1393	992	26	15	19	15	4849	2276
USA OR sr	2174	1366	185	51	85	37	10107	2665
USA UT mu	1089	969	25	16	23	17	1762	1762
<b>Averages:</b>	1501	924	71	16	47	17	5081	2073
<b>% Increase:</b>		-38		-77		-65		-59

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 they logged

### Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress

by comparing our results THEN with our corresponding results NOW.

**The table shows statistics for all the 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 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.

**TAB's Trans-Atlantic Beacons**

None this time.