



AUS	NW	299	CWR	Cowra	13															
AUS	NW	305	GTH	Griffith	6															
AUS	SA	287	LEC	Leigh Creek	4															
AUS	SA	287	NRC	Naracoorte	6															
AUS	SA	293	CDU	Ceduna	13															
AUS	SA	308	OOD	Oodnadatta	6															
AUS	SA	311	EDN	Edinburgh	6															
AUS	WE	287	KG	Kalgoorlie	12															
AZR	-	270	FLO	Santa Cruz Das Flores		2														
BOL		280	VRO	Viru Viru																
BRA		285	CUA	Carauari		8														
BRA	-	285	DOU	Dourados		3														
BRA	-	315	BL	Salinopolis																
CAN	AB	272	YLB	Lac La Biche				7	4		2	11		7		8		9	6	
CAN	AB	274	Z5	Vulcan				7	4		6							4	2	
CAN	AB	276	3H	Consort														4	2	
CAN	AB	287	PE	Peace River				8	10		4	11					2	4	4	
CAN	AB	292	ZET	Edmonton				8	9		6	11						4	4	
CAN	AB	296	V4	Bonnyville				7	7		4	12						5	5	
CAN	AB	299	TV	Turner Valley				8	10		5	2		6		9		6	4	5
CAN	AB	300	Q5	Grande Cache							5							6	5	
CAN	AB	304	FH	Whitcourt McLeod					10		7							4	5	
CAN	AB	305	Z1	Three Hills							5							8	5	
CAN	AB	307	M5	Manning							5							4	5	
CAN	AB	308	ZZD	Edmonton				8	10		5	12						4	5	
CAN	AB	311	9Y	Pincher Creek				8	10		5			7		6		6	4	5
CAN	BC	272	XS	Prince George				7	12	4		2		5				2	4	22
CAN	BC	278	1U	Masset																2
CAN	BC	280	V6	Salmon Arm					10		6								4	3
CAN	BC	284	2U	Mackenzie														1		4
CAN	BC	285	J7	108 Mile Airport																4
CAN	BC	290	YYF	Penticton				8	4	10	4	2				7		1	4	4
CAN	BC	293	MB	Mill Bay, Vancouver Is				8	9		4							2	4	22
CAN	BC	302	6K	Vernon					9		5								5	5
CAN	BC	312	UNT	Naramata Penticton				8	10		5			8				2	4	5
CAN	MB	275	AV	Winnipeg St Andrews				7	5		2	1		6		4			5	2
CAN	MB	276	ZTH	Thompson								12								8
CAN	MB	280	4B	Little Grand Rapids				7				1		5		7				5
CAN	MB	280	4T	Shamattawa								11		7						3
CAN	MB	284	QD	The Pas				8	4		4	19		2		8	6	5	4	4
CAN	MB	287	ZWG	Winnipeg				7			6	11		4		3	4			4











CAN	Canada	AB			8	9		12	6		3		3		3	13	12	3
CAN	Canada	BC		1	4	6	1	6	1		2		1		5	6	9	
CAN	Canada	MB	1		6	4		5	9		8		7	3	1	4	9	3
CAN	Canada	NB	1								1		1					
CAN	Canada	NL	3		2				3		2	2	3	2				
CAN	Canada	NT			1			1								1	1	
CAN	Canada	NU	2						2		2		2	1			1	
CAN	Canada	ON	3		5	3		4	5	3	6	5	6	5			4	5
CAN	Canada	QC	10		4	1		5	9	7	9	5	10	10		1	8	4
CAN	Canada	SK		1	5	3	1	4	7		3	1	3	2	1	5	7	3
CAN	Canada	YT		1	1	1		1	1						1	1	1	
CHN	China (PRC)	-			4													
CNR	Canary Is.	-	1															
CPV	Cape Verde Is.	-	1										1					
CUB	Cuba	-								1		1	2	1				
DMA	Dominica	-	1						1		1		1	1			1	
GRL	Greenland	-	1										1					
HND	Honduras	-											1					
MHL	Marshall Is.	-																
PAQ	Easter Is.	-			1		1	1			1		1		1	1	1	1
SMO	Samoa, Western	-		1	1												1	
USA	USA	AL							2		1	1	4	2				1
USA	USA	AR			2			1	2		2		2	2				2
USA	USA	AZ			1		1	1										1
USA	USA	CA			2	1	2	2								1	2	
USA	USA	FL			1			1	1	1	1	1	4	2				1
USA	USA	GA							3		3	3	6	4				1
USA	USA	IA			4	1		2	8		6		4	2		1	4	4
USA	USA	IL							4		2		2					
USA	USA	IN	1						1		1		2	1				1
USA	USA	KS			1			1	2		1		2					1
USA	USA	KY			2			2	3		3	3	3	3				1
USA	USA	LA			2			1	2		2		3	2				2
USA	USA	MA									1		2					
USA	USA	MD								2			2					
USA	USA	ME	3						1		1		2					
USA	USA	MI	1						2	1	2		2	1				
USA	USA	MN			4			3	6		6		5	2		1	6	3
USA	USA	MO			3			2	3		1	2	3	2				2
USA	USA	MS							2		2		2	1				1
USA	USA	MT			3	3		3	3		1		1		1	3	4	1
USA	USA	NC						1	2	2	2	1	6	5				
USA	USA	ND						1	1		1		1					2
USA	USA	NE			2	1		2	3		1		1	1		2	2	1
USA	USA	NM			3	1	1	3	3						1	3		1





17:00 - 17:59													14			1		
18:00 - 18:59						1			28									
19:00 - 19:59									13									1
20:00 - 20:59									2			3			8			1
21:00 - 21:59												12			2			1
22:00 - 22:59												4		1			8	9
23:00 - 23:59														26	1			
<b>UTC (hh)</b>	<b>AUS SA bv</b>	<b>CAN NS vm</b>	<b>HWA mx</b>	<b>KOR f3</b>	<b>USA AZ dp</b>	<b>USA CA bc</b>	<b>USA CA dn</b>	<b>USA CA pa</b>	<b>USA IL dt</b>	<b>USA MD lp</b>	<b>USA MI ar</b>	<b>USA NC da</b>	<b>USA NC dw</b>	<b>USA NC th</b>	<b>USA OR jw</b>	<b>USA OR mc</b>	<b>USA OR sr</b>	<b>USA TX al</b>

**NDBs HEARD, BY FREQUENCY:**

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

NDBs	kHz	AUS SA bv	CAN NS vm	HWA mx	KOR f3	USA AZ dp	USA CA bc	USA CA dn	USA CA pa	USA IL dt	USA MD lp	USA MI ar	USA NC da	USA NC dw	USA NC th	USA OR jw	USA OR mc	USA OR sr	USA TX al
5	270		2	1		2			1	3		1	2	4	2			2	
2	271					1	1	1	2	1	1	1		1	1		1	1	
23	272		3	1	1	8	4		7	16	2	15	3	15	6	2	3	9	5
3	273		2			2			1	3	1	3	2	3	3			3	1
9	274		1		1	4	2		5	2	1	2	1	5	4	1	3	5	1
19	275		1			8	3	2	4	10	2	7	2	14	6		4	9	6
8	276		1		2	2	1		2	3	1	2	2	4	3		1	4	2
4	277		1			2			1	3		2		3	1		1	2	1
22	278		5			6	3	1	6	14	5	12	3	16	11		4	12	7
5	279		1							1		2		4	1				
11	280		2			5	2	1	4	6	1	6	2	9	2	1	4	6	3
11	281		1			6		1	6	7	1	7	2	9	6		1	6	4
3	282					1		1	1	2		2	1	1	1			3	1
6	283		1	1		3	2		4	3	1	3	2	4	3	1	3	4	2
1	283.5		1																
14	284		2			5	2		5	9	2	8		10	8	4	4	8	5
5	285		2							1		1		2	1			2	
2	286					1	1		1	1				1			1	1	1
10	287		3			2	1		2	7		3	3	4	3	1	1	3	1
0	288																		
1	289		1			1			1	1	1	1	1	1	1			1	1
7	290		1			3	2	1	2	4		2		2		1	3	4	2
1	291		1						1	1		1	1	1	1			1	

1	292					1	1		1	1							1	1	
6	293	1				1	1		1	3		1					1	1	2
1	294					1	1			1								1	1
0	295																		
5	296					2	2			1	2		1		2		1	2	3
0	297																		
1	298														1				
4	299	1				1	1			1	2		2	1	2	1	1	1	1
3	300		1			2	1			2	2		2	1	2	1		2	2
1	301														1				
4	302			1		2	3			3	3		2		1	1	1	3	3
1	303		1			1				1	1		1	1	1	1			1
2	304		1				1			1			1		1			1	1
7	305	1	1			4	2			4	3		1		1	1	1	3	4
0	306																		
1	307									1								1	1
4	308	1				1	1			1	1				1			1	1
1	309													1	1	1			
0	310																		
2	311	1				1	1			1			1		1		1	1	1
1	312					1	1			1			1				1	1	1
0	313																		
2	314					1							1	1	2	1			1
3	315												1		2				
2	316																1		1
5	317		1	1		1	1	1	1	2	2	3	1	5	3	1	1	1	1
0	318																		
0	319																		
NDBs	kHz	AUS SA bv	CAN NS vm	HWA mx	KOR f3	USA AZ dp	USA CA bc	USA CA dn	USA CA pa	USA IL dt	USA MD lp	USA MI ar	USA NC da	USA NC dw	USA NC th	USA OR jw	USA OR mc	USA OR sr	USA TX al

**MOBs**

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

kHz	C/S	Location	St	ITU	Rptr	UTC
278	SRE	Seminole	OK	USA	al	01:41
316	MII	Caddo Mills	TX	USA	al	05:54

272	RU	San Marcos	TX	USA	<b>al</b>	19:45
308	UTS	Huntsville	TX	USA	<b>al</b>	21:47
290	TMV	Stamford	TX	USA	<b>al</b>	22:15
278	IL	Killeen	TX	USA	<b>al</b>	22:45
275	SWW	Sweetwater	TX	USA	<b>al</b>	22:58
305	GTH	Griffith	NW	AUS	<b>bv</b>	06:11
290	SGT	Singleton	NW	AUS	<b>bv</b>	13:04
299	CWR	Cowra	NW	AUS	<b>bv</b>	13:17
287	LEC	Leigh Creek	SA	AUS	<b>bv</b>	04:44
287	NRC	Naracoorte	SA	AUS	<b>bv</b>	06:04
308	OOD	Oodnadatta	SA	AUS	<b>bv</b>	06:15
311	EDN	Edinburgh	SA	AUS	<b>bv</b>	06:19
293	CDU	Ceduna	SA	AUS	<b>bv</b>	13:15
287	KG	Kalgoorlie	WE	AUS	<b>bv</b>	12:48
299	TR	Bristol	TN	USA	<b>da</b>	15:11
305	LST	Lone Star	TX	USA	<b>dp</b>	13:18
290	TVK	Centerville	IA	USA	<b>dt</b>	18:10
305	OI	South Sioux City	IA	USA	<b>dt</b>	19:24
293	UI	Quincy	IL	USA	<b>dt</b>	19:11
293	FBY	Fairbury	NE	USA	<b>dt</b>	19:11
287	ME	Memphis	TN	USA	<b>dt</b>	11:56
272	LS	La Crosse	WI	USA	<b>dt</b>	18:14
280	VRO	Viru Viru	-	BOL	<b>dw</b>	04:00
315	BL	Salinopolis	-	BRA	<b>dw</b>	06:49
298	KU	Kook Islands	-	GRL	<b>dw</b>	05:24
301	ROA	Roatan	-	HND	<b>dw</b>	03:36
315	UDR	(UNID)	-	XUN	<b>dw</b>	23:48
296	ARF	Albertville	AL	USA	<b>dw</b>	11:25
275	BKK	Bonifay	FL	USA	<b>dw</b>	08:01
278	PF	Panama City	FL	USA	<b>dw</b>	12:01
275	BQ	Brunswick	GA	USA	<b>dw</b>	06:01
308	EQZ	Seymour	IN	USA	<b>dw</b>	08:37
284	BT	Baton Rouge	LA	USA	<b>dw</b>	08:13
279	CQX	Chatham	MA	USA	<b>dw</b>	23:12
276	IS	Kinston	NC	USA	<b>dw</b>	17:00
279	OZ	Oneonta	NY	USA	<b>dw</b>	06:12
275	BBN	Babylon	NY	USA	<b>dw</b>	07:00
277	VIT	Roanoke Vinton	VA	USA	<b>dw</b>	17:00
272	FL	Wuji	-	CHN	<b>f3</b>	13:56
274	DA	Hebaohu	-	CHN	<b>f3</b>	14:10
276	KM	Dahushan	-	CHN	<b>f3</b>	14:21
276	GT	Qunli	-	CHN	<b>f3</b>	14:24
316	MAJ	Majuro Atoll	-	MHL	<b>jw</b>	12:20
278	1U	Masset	BC	CAN	<b>sr</b>	02:50
285	J7	108 Mile Airport	BC	CAN	<b>sr</b>	04:33

293	CRD	Conrad	MT	USA	sr	13:37
275	SF	Williston Yuson	ND	USA	sr	02:08
285	UHA	Quaqtaq	QC	CAN	sr	04:26
283	JZI	Johns Island	SC	USA	th	23:16
285	DOU	Dourados	-	BRA	vm	03:58
283.5	NA	Punta Lantaila	-	CNR	vm	02:32
279	SI	Simiutaq	-	GRL	vm	03:34
278	PQ	Presque Isle	ME	USA	vm	02:54
kHz	C/S	Location	St	ITU	Rptr	UTC

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE 83 270 - 319.9 kHz 29 Sept. - 2 Oct. 2006

**NOW:** CLE101 270 - 319.9 kHz 25 - 28 Jan. 2008

Listener	Av km	Av km	Total	Total	NDBs	NDBs	Max	Max
	THEN	NOW	km x 1000 THEN	km x 1000 NOW	THEN	NOW	km THEN	km NOW
CAN NS vm	1433	1840	40	59	28	32	4901	7561
USA AZ dp	2334	2210	133	181	57	82	9329	8247
USA CA dn	1250	1811	10	16	8	9	1718	6869
USA CA pa	1759	2214	47	170	27	77	3869	7263
USA IL dt	951	1212	74	147	78	121	2686	4880
USA MI ar	801	1210	38	120	48	99	2497	8101
USA NC da	507	1017	11	34	22	33	1198	2789
USA OR jw	1669	1804	28	36	17	20	7461	8103
USA OR mc	1120	1491	37	81	33	54	3235	8187
USA OR sr	1806	1885	132	207	73	110	9531	8548
USA TX al	783	1610	23	85	29	53	2836	6417
<b>Averages:</b>	<b>1310</b>	<b>1664</b>	<b>52</b>	<b>103</b>	<b>38</b>	<b>63</b>	<b>4478</b>	<b>6997</b>
<b>% Increase:</b>		<b>27</b>		<b>98</b>		<b>64</b>		<b>56</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 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 aeralis, 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 aeralis, 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 - NDBs whose reception spanned the Atlantic**

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

kHz	C/S	Location	ITU	CAN NS vm	CZE fr	CZE ze	DEU hw	ENG ag	ENG bk	ENG br	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	GSY lr	HOL fg	HOL rb	NIR ry	SWE bn	SWE wr	USA IL dt	USA NC dw
270	FLO	Flores	AZR	02	23	00	23	23	18	04	23		23			01	23	23	02	23	00	00	01	02	07
270	ZNF	St. Johns, NL	CAN						01																
273	ZV	Sept-Iles, QC	CAN						02																
276	YHR	Chevery, QC	CAN				00	00	23	04			23			02	02			00	23				
280	QX	Gander, NL	CAN				00	00	00	05			00			02	23			23	00				
281	CA	Cartwright, NL	CAN				23	00	00	05						02				23	00				
304	ZQM	Riverview Moncton, NB	CAN							05															
305	LT	Alert, NU	CAN				22	01	00				22	19	21				01	23			21		
283.5	NA	Punta Lantaila	CNR	02			23		20		23	21	23				01		02	22	23				
274	SAL	Sal	CPV	02	01		23	23	18	04	23		23			02	23	23	02	23	23	00	23		03

280	RBC	(UNID)	XUU	03	01	04
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CLE101a5.xls  
bk 30 Jan. 2008