

The 2023 NJARC BCB DX Contest 20-29 Jan 2023



**All the Stuff
In one .PDF File**

[DX on a Zenith Shutter-Dial](#) – YouTube Video
This is how it's done!

Useful Links:

[NJARC DX Contest Webpage](#) – For latest updates

[Large-Print Log in Excel](#)

For station information:

[Radio-Locator](#)

[Medium-Wave List](#)

[FCC AM Database](#)



[Homebrew Loop Antennas](#)



Rev. 0.5.3 – 3 Dec 2022

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In the 1920's and 1930's some radio listeners would compete with each other for the reception of the most distant stations using the same receivers that that we now restore and cherish. We can recapture some of the excitement that the early DX'ers experienced in our own contest.

Official Contest Rules

THE OBJECT: To use vintage radios receivers to receive broadcast-band signals from the greatest possible distance. Performance will be judged by the total mileage for your ten best loggings during a 24-hour session. You will be competing against competitors using similar receivers.

ELIGIBILITY: The contest is open only to members in good standing of the New Jersey Antique Radio Club.

CONTEST PERIOD: The contest period will be from 12:00 Noon, local time at the receiving location, Friday, January 20, 2023 through 12:00 Noon, Sunday, January 29, 2023.

SESSIONS: Contestants may submit logs for any two 24-consecutive-hour sessions (noon to noon) during the contest period. You may use only one receiver during a session. That means you may not "bird dog" the simple radio with a more complex radio. You may submit logs for two different receivers. They need not be in the same category.

FREQUENCIES: The Broadcast Band, as defined for the contest, will be from 530 to 1600 kilocycles. No stations on the new extended band, 1610 to 1710 kilocycles, will be counted since many early radios did not cover those frequencies.

RECEIVER CATEGORIES:

- A - Crystal radios
- B - Primitive tube or transistor receivers (homebrew also) -1 to 2 tubes or transistors, plus power supply.
- C - 1920's Battery sets (homebrew also) -batteries or modern power supply are OK.
- D - Tuned-Radio-Frequency (TRF) (non-superheterodyne) radios introduced before 1940
- E - Other tube radios sold for home entertainment.
- F - Amateur, commercial, and military tube-type communications receivers introduced before 1945.
- G - Ultralight: "Shirt-pocket" radios, maximum volume 20 cubic inches, original retail not more than \$100.
- H – AA4/5/6: 4, 5, or 6-tube AC/DC radios, using heater-type tubes, sold for home entertainment.
- J - Classic Transistor Radios: Sold for home entertainment, analog readout only.
- K - Any radio of your choosing.

SPECIAL AWARDS will be given for the best performances by first-time contestants.

ANTENNAS: Anything you like.

LOGS: Submit a log for each of your contest sessions (maximum of two). Each log header should include contestant's name, address, e-mail address, if applicable, phone number, category, and description of receiver and antenna. Please include your listening address if it is different from you mailing address.

Make a log entry for each station you claim to have heard. Stations must be positively identified. (This is being done on the honor system and is a somewhat variable concept. If you hear Boston weather on what you know is 1030KC, then go ahead and log WBZ. However, just because you heard a signal on 1160KHZ doesn't mean you heard KSL in Salt Lake City.) The contest committee reserves the right to disallow what it feels are outrageous claims. Each entry should include time, frequency, call letters, location, and optional comments. Although we're only judging your ten most distant loggings, submit as complete a log as possible. The committee may make special awards for most stations, most interesting log, etc. as it sees fit.

A log sheet has been provided for convenience. You may reproduce it or generate a similar one of your own.

Logs must be postmarked not later than midnight Monday, February 5, 2023.

Logs may be submitted as email attachments.

SCORING: Distances to stations will be calculated by the committee and will be based on great circle distances from Freehold, New Jersey for listening posts within a 100-mile radius of Freehold. We will calculate mileage for other entries based on actual listening location. In all cases, please indicate your ten best loggings to make our job easier. All scoring will be in Statute miles, 5280 ft.

Special Rule #1: A contestant may claim only one of the Cuban time stations, Radio Reloj, regardless of how many are actually heard. All will be scored as 1279 miles (Havana).

Submit logs to: Tom Provost, 19 Ivanhoe Dr., Robbinsville, NJ 08691, tprovost@optonline.net

Questions: Al Klase - 908-892-5465 - ark@ar88.net, Tom Provost - 609-243-2508

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Flamethrowers

The following are 50KW stations operating nights on “clear” channels. This info is meant to be helpful, but may not be definitive. Al Klase, January 1999. Revised November 2022 by John Stoll.

540 (Canadian Clear) XEWA San Luis Potosi, MX CBK Watrous, SA WFLF Pine Hills, FL	780 (US Clear) WBBM Chicago KKOH Reno, NV	1020 (US Clear) KDKA Pittsburgh KCKN Roswell, NM KTNQ Los Angeles	1180 (US Clear) WHAM Rochester, NY WSUA VOA (Radio Marti) Marathon, FL
640 (US Clear) CFIQ Richmond Hill, ON	800 (Mexican Clear) XEROK Juarez, MX PJB3 Bonaire, NA CKLW Windsor, ON	1030 (US Clear) WBZ Boston KTWO Casper, WY XEQR Mexico City	1190 (US/Mexican Clear) WOWO Fort Wayne, IN KEX Portland, OR XEWK Guadalajara, MX
650 (US Clear) WSM Nashville KENI Anchorage, AK	810 (US Clear) WGY Schenectady, NY KGO San Francisco WKVM San Juan, PR	1040 (US Clear) WHO Des Moines, IA	1200 (US Clear) WOAI San Antonio CFGO Ottawa, ON CJRJ Victoria, BC
660 (US Clear) WFAN New York KTNN Window Rock, AZ CFFR Calgary, AB	820 (US Clear) WBAP Fort Worth-Dallas	1050 (Mexican Clear) XEG Monterrey, Mexico CHUM Toronto WEPN New York	1210 (US Clear) WPHT Philadelphia
670 (US Clear) WSCR Chicago KBOI Boise, ID	830 (US Clear) WCCO Minneapolis	1060 (US/Mexican Clear) KYW Philadelphia XEEP Mexico City CKMX Calgary	1220 (Mexican Clear) XEB Mexico City WHKW Cleveland
680 (US Clear) KNBR San Francisco WRKO Boston WPTF Raleigh, CJOB Winnipeg CFTR Toronto	840 (US Clear) WHAS Louisville, KY CFCW Camrose, AB	1070 (US/Canadian Clear) KNX Los Angeles	1500 (US Clear) WFED Washington, DC KSTP Minneapolis
690 (Canadian Clear) CKGM Montreal XEWW Tijuana, Mexico CBU Vancouver,	850 (US Clear) KOA Denver WEEI Boston KICY Nome, AK	1080 (US Clear) WTIC Hartford, CT KRLD Dallas	1510 (US Clear) WLAC Nashville KGA Spokane, WA WMEX Boston
700 (US Clear) WLW Cincinnati,	860 (Canadian Clear) CJBC Toronto	1090 (US/Mexican Clear) WBAL Baltimore KAAY Little Rock, AR XEPRS Rosarito, Mexico	1520 (US Clear) WWKB Buffalo, NY KOKC Oklahoma City
710 (US Clear) WOR New York KIRO Seattle WAQI Miami	870 (US Clear) WWL New Orleans	1100 (US Clear) WTAM Cleveland KFAX San Francisco	1530 (US Clear) WCKY Cincinnati, OH KFBK Sacramento, CA
720 (US Clear) WGN Chicago KDWN Las Vegas	880 (US Clear) WCBS New York KRVN Lexington, NE CHQT Edmonton, AB	1110 (US Clear) WBT Charlotte, NC KFAB Omaha, NE XERED Mexico City	1540 (Bahamas Clear) ZNS-1 Nassau, Bahamas KXEL Waterloo, IA
730 (Mexican Clear) XEX Mexico City CKGO Vancouver, BC CKAC Montreal	890 (US Clear) WLS Chicago	1120 (US Clear) KMOX Saint Louis KPNW Eugene, OR	1550 (Mexican Clear) XERUV Jalapa, Mexico CBEF Windsor, ON {Fr. Language}
740 (Canadian Clear) CFZM Toronto CBX Edmonton WYGM Orlando, FL KCBS San Francisco KTRH Houston	900 (Mexican Clear) XEW Mexico City CHML Hamilton, ON	1130 (US/Canadian Clear) WBBR New York KWKH Shreveport, LA CKWX Vancouver, BC	1560 (Cuban Clear) WFME New York KNZR Bakersfield, CA
750 (US Clear) WSB Atlanta KFQD Anchorage, AK	940 (Can/Mex Clear) XEQ Mexico City KYNO Fresno, CA CJGX Yorkton, SK	1140 (US/Mexican Clear) WRVA Richmond, VA, XEMR Monterrey, MX KHTK Sacramento, CA	1570 (Mexican Clear) XERF Ciudad Acuna, MX CJLV Montreal {Fr. Language}
760 (US Clear) WJR Detroit KFMB San Diego	990 (Canadian Clear) CBW Winnipeg XET Monterrey, Mexico	1160 (US Clear) KSL Salt Lake City	1580 (Canadian Clear) KQFN Tempe, AZ KBLA Santa Monica, CA XEDM Hermosillo, Mexico
770 (US Clear) WABC New York KKOB Albuquerque, NM CHQR Calgary, AB	1000 (US/Mexican Clear) WMVP Chicago KOMO Seattle XEOY Mexico City	1170 (US Clear) WWVA Wheeling, WV KTSB Tulsa, OK	
	1010 CBR Calgary CFRB Toronto WINS New York		

AM DX Station List - NYC

There are thousands of AM broadcast stations. Here are a few of the loud and interesting ones.

DIFFiculty: * = Local for reference 1 = easy, 2 = more difficult, 3 = hard

Updated: 10 DEC 2021

DIFF.	FREQ	LOG	CALL	LOCATION	DX	Comments
*	560		WFIL	Philadelphia	49	
*	570		WMCA	NYC		Radio Reloj underneath
3	600		CMKA	San German, CU	1347	R. Rebelde // 670 Spanish
*	640		WWJZ	Mt. Holly, NJ		
2	650		WSM	Nashville	736	"Grand Ole Opry" country
*	660		WFAN	NYC		sports
3	670		CMBC	Arroyo Arena, CU	1271	R. Rebelde // 600 Spanish
2	670		WSCR	Chicago	708	"The Score" CBS
2	700		WLW	Cincinnati, OH	550	
*	710		WOR	NYC		
2	720		WGN	Chicago	720	
1	740		CFZM	Toronto	352	"Zoomer Radio" - Oldies
2	750		WSB	Atlanta	717	
1	760		WJR	Detroit	482	news/talk
*	770		WABC	NYC		
2	780		WBBM	Chicago	708	
1	800		CKLW	Windsor, ONT	473	"AM 800"
1	810		WGY	SCHENECTADY		
*	820		WNYC	NYC		
3	820		WBAP	Dallas, TX	1379	
2	840		WHAS	Louisville, KY	630	
3	850		KOA	Denver, CO	1615	"Broncos Radio" news
1	860		CJBC	Toronto	352	French
3	870		WWL	New Orleans	1128	news/talk/sports
*	880		WCBS	NYC		
2	890		WLS	Chicago	708	talk
1	900		CHML	Hamilton, ONT	354	"AM 900" Old Time Programs
2	1000		WMVP	Chicago	708	
*	1010		WINS	NYC		
1	1020		KDKA	Pittsburgh	301	The original broadcast station
1	1030		WBZ	Boston	222	
3	1040		WHO	Des Moines, IA	1014	"News Radio 1040"
*	1050		WEPN	NYC		
*	1060		KYW	Philadelphia	49	
1	1100		WTAM	Cleveland	397	news
1	1110		WBT	Charlotte, NC	501	news/talk
2	1120		KMOX	St. Louis, MO	860	news CBS
1	1170		WWVA	Wheeling, WV	340	
1	1180		WHAM	Rochester	265	
2	1190		WOWO	Ft. Wayne, IN	573	news/talk
3	1200		WOAI	San Antonio, TX	1558	news/talk
*	1210		WPHT	Philadelphia	49	
2	1510		WLAC	Nashville	736	news/talk
1	1520		WKBW	Buffalo	299	
1	1530		WCKY	Cincinnati, OH	550	
3	1540		KXEL	Waterloo, IA	950	news/talk ABC

Distances are from Freehold, NJ

Radio Reloj Cuban Time Station Frequencies

570, 610, 760, 790, 830, 930, 940, 950, 1010, 1270 KHz

Tick on the second, beep on the minute, then RR in Morse "DIT-DAH-DIT DIT-DAH-DIT"

AM DX Station List (from Philadelphia)

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