



## IS YOUR LOGBOOK READY FOR 2016?

Finco P-7 (7 ft. parabolic/dish) UHF antenna at 35' AGL and Antennacraft CS-1100 VHF antenna at 29.5' AGL installed at Steve Rich's remote DTV site in Milford, IL

The Official Publication of the Worldwide TV-FM DX Association



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**"I want YOU (to send in your DX reports)!"**

# THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: DOUG SMITH, GREG CONIGLIO, KEITH MCGINNIS AND MIKE BUGAJ.



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Website: [www.wtfda.org](http://www.wtfda.org); Forums: <http://forums.wtfda.org>



## The Mailbox

PAGE TWO

P.O. Box 501 Somersville, CT 06072

Mike Bugaj - Enfield, CT [mikeb@wtfda.org](mailto:mikeb@wtfda.org)



### Dues Received

RCVD	NAME	S/P	EXP
4/19/2016	Bill Heusmann	IA	5-19
4/19/2016	Jon Hamilton	ON	4-17
4/19/2016	William Thompson	MD	4-17
4/19/2016	Christian Ferland	QC	4-17
4/20/2016	Dan Dankert	CA	4-17
4/20/2016	Greg Shoom	ON	4-17
4/21/2016	Gary Hickerson	OK	5-17
4/22/2016	Kurt Nelson	PA	5-17
4/23/2016	Jason Hustedt	DE	3/17
4/24/2016	John Hourigan	CO	4-17
4/25/2016	David Pierce	VA	4-17
4/26/2016	Peter Taylor	WA	3-17
4/26/2016	Doug Allen	SC	5-18
4/30/2016	Mike Ehrhardt	NY	4-17
5/2/2016	Fred Nordquist	SC	5-17
5/2/2016	Mike Glass	IN	4-17
5/2/2016	Richard Lucas	NY	6-17
5/3/2016	Nick Langan	NJ	4-17
5/5/2016	Ernie Wesolowski	NE	5-17
5/7/2016	Michael Beu	TX	4-17
5/8/2016	John Sullivan	OK	5-17
5/12/2016	Fred Newlin	NY	5-17
5/15/2016	Paul Snider	ON	5-17
5/15/2016	Richard Allen	OK	5-17
5/15/2016	Mike Hunter	NJ	5-17
5/15/2016	Jon Pearkins	AB	5-17

I write this as the month of May is coming to a close with most of us still waiting for a skip opening. I mean *any* skip opening. And when that opening happens I hope most of us have some semi-vacant frequencies left to be able to DX it.

This month we say welcome back to Bill Heusmann, Kurt Nelson, John Sullivan and Fred Newlin, dxers who have been away for a while but have returned to the fold. We also welcome Ernie Wesolowski from the NRC. Ernie is one of the convention hosts for 2016.

### Facilities Column Editor Needed

Some of you might know that I have been doing the Facilities column since Bill gave up doing FM News and I know a few people aren't happy with the format I use.

Doing the Facilities column is a month long effort. I use MS Word and MS Excel. I do many cut & pastes as well as some search & replace functions to turn Doug Smith's FM facility updates at the WTFDA Forums to a Word file and then into a properly formatted Excel file. There are many steps involved and I can provide step by step instructions provided that our prospective editor be familiar with Word and Excel before we start. But that's only if that column editor wanted to use that format for the column. The material is already supplied by Doug Smith. It's up to a new editor to determine how it's displayed in print, and how much of it. Be prepared to spend a few hours a month on the column before you get it molded into its final form for publication. You can't slap this together in an hour or two.

More on Next Page...

## WTFDA FM Station Database (db.wtfda.org)

The WTFDA FM Station database strives to be as accurate as possible but it can only be as accurate as the information we get from RadiolIntel or the FCC and sites like RadiolInsight.com, which now seems to provide less information than ever. We don't have slogan or format information on every station. As for RDS information, some stations only have PI codes shown and nothing else.

What we would like is to have a group of individuals who would volunteer to scan the band in their area or state every so often and check formats on various stations against the slogans and formats shown on the WTFDA FM Station database. Currently we have a club member in Oklahoma who sends us updates from that state every so often and we have non-WTFDAers who occasionally send us information for the Birmingham and Montgomery, Alabama areas but we could use more.

We have an email address set up for updates to the FM database. That address is [dbupdates@wtfda.org](mailto:dbupdates@wtfda.org). Anyone can use it to send us station information and RDS info. When we receive anything, we acknowledge it and we've built relationships with people that way. If you have a radio with RDS, take a few minutes, do a quick scan and see if your area stations have the same PI codes or PS info as what our database says they have. Perhaps we have one of your locals listed as having HD when in reality, they've shut it off. Do we

list a station that is not on the air yet? Is there a station in your area that is silent but not listed as such on the database? Are your local translators actually rebroadcasting the station that the database says they are? Tell us. We'd appreciate any info you may have.

We have a group of dedicated DXers maintaining the database: Bill Hale, James Niven, Fred Nordquist for RDS info and Mike Bugaj. We update daily from the FCC Daily Digests and we have two subscriptions to StationIntel. We check the Canadian station and LPFM database Facebook pages. We monitor an FM DX watchdog group on Facebook. All of the information shown in the Facilities column that comes from Doug Smith is checked against the database.

If you submit RDS info in a DX report, we might see that info but maybe we won't. Send it to [dbupdates@wtfda.org](mailto:dbupdates@wtfda.org) and we definitely will see it.

Even if you're a TV Dxe, you can still help out if you have an FM radio. Stay involved, even when there's no DX around.

Let's make this database the only database DXers in North America want to check. After all, you don't need a password to use it and you won't need to waste time navigating through a clumsy, cluttered user interface only to find that only a few fields will show on your monitor.

Thank you for your support!



## **NRC/WTFDA/IRCA/Decalcomania Convention 2015**



Dxers in AM, FM and TV, including the NRC, IRCA, WTFDA and DecalcoMania will gather on **September 9-11, 2016** in Kansas City, MO. It will be held at the Hyatt Place Kansas City Airport, 7600 NW 97<sup>th</sup> Terrace, I-29 sw of exit 10.

Hotel Registration: 1-816-891-0871x3, ask for the group rate for the National Radio Club. The group code is G-NRCC. Reservations will need to be secured by 8/18/16.

<http://kansascityairport.place.hyatt.com/en/hotel/home.html> Rates are \$99.00 per night for 1 to 3 persons per room plus taxes and fees. Plan to arrive on Thursday for 3 nights and ends on Sunday noon. Free airport transfers and breakfast each morning.

Convention Registration: \$55.00 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to NATIONAL RADIO CLUB and sent to ERNEST J. WESOLOWSKI, 13312 Westwood Lane, Omaha, NE 68144-3543. Pay-Pal available – add one dollar. Please mention which clubs you belong to for club treasury info. Dale Hamm, Mark Durenberger, Carl Dabelstein and Ernie are your hosts.

Ernie also has 4000 prepared veries on 2 cent postal cards and two 3 ring books of about 150 SW QSL cards They will be given away to anyone at the Kansas City Gathering this September. Contact Ernie if interested. They are from deceased members. QSL cards are from the 20's through the 40's including log books.

# TV News

Douglas E. Smith  
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## Abbreviations:

Aux **A**uxiliary (backup) transmitter  
 FTP **F**ailure to **P**rosecute  
 ROA **R**equest of **A**pplicant  
 STA **S**pecial **T**emporary **A**uthority  
 LPDTV **L**ow **P**ower **D**igital **T**V  
 DRT **D**igital **R**eplacement **T**ranslator

## News:

(full-power digital stations in **bold face**; LPTV and translators in regular type; full-power analog stations in **bold italics**; low-power analog stations in *regular italics*)

Location	RF Ch	Callsign	Notes
			
<b>Alberta</b>			
Lloydminster	2	CKSA-DT	<b>FC; to disaffiliate from CBC. Affects 3 translators.</b>
			
<b>Alabama</b>			
Montgomery	21	WHDK-LD	Requests site change to 31-37-50/86-47-33
Tuscaloosa	21	W21DM	Requests power reduction to 6kw; granted
			
<b>Arkansas</b>			
Fayetteville	25	K25NM	Requests power reduction to 500 watts
Texarkana	32	KLIA-LD	Site changed to 32-45-27/93-59-14; requests power increase to 15kw, 32-34-32/93-52-06

Location	RF Ch	Callsign	Notes
			
<b>California</b>			
Cherry Valley	8	KILA-LP	Converted from analog channel 51, 100 watts, 33-57-58/117-17-19
Cloverdale	13	KQTA-LD	Call changed from KZHD-LD
Eureka	16	K16JJ	Requests power increase to 15kw
Eureka	19	K19IC	Requests power reduction to 780 watts, 40-43-49/123-57-06
Fresno	33	KGOF-LP	Call changed from KSDI-LP, but promptly changed back.
<b>Los Angeles</b>	<b>42</b>	<b>KWHY-TV</b>	<b>Application for new backup transmitter, 420kw/887m</b>
Redding	16	K16IW	Requests power increase to 15kw; granted
Riverside	10	KZSW-LD	Requests power increase to 3kw
Sacramento	3	KCSO-LD	Requests site change to 38-14-50/121-30-03
Santa Rosa	6	KØ6QM	Power reduced to 150 watts, 38-30-32/122-39-44; requests further reduction to 100 watts, 38-19-56/122-35-40; granted
Santa Rosa	49	KZHD-LD	Call changed from KQTA-LD
Victorville	30	K3ØNY	Application for digital companion channel for K51AN, 1.43kw



<b>Delaware</b>			
Dover	3	WEVD-LD	Application for Digital Companion Channel for analog 27; 3kw, 39-26-37/75-43-24



<b>Florida</b>			
Crestview	43	WGOX-LD	Requests power increase to 15kw, 30-40-45/87-50-24; granted
Key West	49	WKIZ-LP	Converted to digital, 250w, 24-33-18/81-48-05



<b>Georgia</b>			
Columbus	34	W34EW	Granted power increase to 15kw, 32-45-19/85-15-49



<b>Idaho</b>			
Boise	25	KFLL-LD	Power increased to 15kw, 43-48-57/116-46-10
Driggs	32	K32LS	Application for new station, 490w; digital companion to K51HF

Location	RF Ch	Callsign	Notes
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**Illinois**

Peoria	16	W16CT	New to air, 1kw, 40-39-10/89-35-13 (DTV America)
Peoria	32	W32EF	Granted power increase to 15kw, 40-37-12/89-17-14
Peoria	35	W35DE	Granted power increase to 9kw, 40-37-12/89-17-14
Quincy	40	W40DM	Granted site change to 39-07-16/90-58-11



**Indiana**

Evansville	27	W27DH	Granted power increase to 10kw, 38-16-18/85-56-10
Evansville	33	W33CU	Granted power increase to 6kw, 38-01-26/87-21-43
Indianapolis	28	WUDZ-LD	Power increased to 7.5kw, 39-53-39/86-12-20; city from Terre Haute



**Iowa**

Fort Dodge	28	K28NF	Site changed to 41-40-24/94-33-09
Keokuk	30	K30NF	Granted site change to 40-47-58/91-32-34



**Kansas**

Topeka	20	K20KR	New to air, 15kw, 38-48-19/95-43-02 (DTV America)
Topeka	35	K35KX	New to air, 6kw, 39-03-10/96-02-16 (DTV America)
Topeka	38	KCMN-LD	Power increased to 15kw, 39-00-56/94-30-24 (I-435 & East 63 <sup>rd</sup> St., Raytown, Mo.)



**Louisiana**

Lafayette	43	K43MS	Site changed to 30-13-18/92-03-49
Lafayette	47	K47NC	Site changed to 30-13-18/92-03-49
Lafayette	48	K48MK	Site changed to 30-06-22/92-04-22



**Maryland**

Salisbury	32	WGDV-LD	New to air, 114 watts, 38-21-53/75-36-07 (Marquee Broadcasting)
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Location	RF Ch	Callsign	Notes
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### Mississippi

Lumberton	19	W19EB	New to air, 10kw, 30-51-22/89-20-19 (DTV America)
Lumberton	32	W32EM	New to air, 3kw, 30-51-22/89-20-19 (DTV America)
Lumberton	33	WQDT-LD	Site changed to 29-55-12/90-01-28



### Missouri

Columbia	14	K14OI	Requests site change to 38-53-50/94-17-18; granted
Joplin	18	K18JV	Requests power reduction to 3kw, 36-07-52/96-04-13
Joplin	26	K26KY	Site changed to 36-11-56/95-43-31
Joplin	39	KZLL-LD	Requests power reduction to 2kw, 36-07-52/96-04-13; granted
Joplin	47	KCNH-LD	Call changed from K47NH



### Nebraska

Columbus	48	KMJF-LD	New to air, 12kw, 41-27-09/97-15-09 (Flood Digital Networks)
Lincoln	14	K14NW	Site changed to 40-55-42/96-58-22
Lincoln	19	K19JI	Site changed to 40-55-42/96-58-22
Lincoln	24	K24JK	New to air, 6kw, 40-52-49/97-18-20 (DTV America)
Lincoln	25	K25LK	Site changed to 40-55-42/96-58-22
Lincoln	40	K40LJ	Site changed to 40-55-42/96-58-22
Scottsbluff	7	KDUH-TV	<b>See Sidney</b>
Sidney	7	KNEP	<b>City changed from Scottsbluff; call from KDUH-TV</b>



### Nevada

Las Vegas	18	KHMP-LD	Power increased to 15kw, 36-00-34/115-00-19
Las Vegas	27	KPVT-LD	Site changed to 36-00-34/115-00-19; city from Pahrump



### New Jersey

Middletown Township	3	WJLP	<b>Power increased to 6.96kw/340m, 40-45-22/73-59-12; city from Ely, Nevada (yes, this is old news)</b>
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Location	RF Ch	Callsign	Notes
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### New Mexico

Hobbs	17	K45JA	Application for new station, 1kw, 32-40-48/103-09-00; digital companion to analog channel 45
Santa Fe	19	K19JK	Power increased to 6kw, 35-57-12/106-01-14
Santa Fe	47	K47MQ	Requests power increase to 15kw, 35-53-09/106-23-12
Santa Fe	50	K50MI	Power reduced to 3kw, 35-40-00/106-00-51



### New York

Auburn	6	WMBO-LP	Call changed from WNNY-LP
New York	39	WNYN-LD	Power increased to 15kw, 40-46-02/73-57-42
Newburgh	22	WEPT-CD	Requests power reduction to 1.05kw, 41-29-18/73-56-45
Syracuse	13	WNNY-LP	Call changed from WNDR-LP
Syracuse	35	WWLF-LP	Call cahnged from WOBX-LP
White Lake	39	W39EB	Moved from W51BN, 500 watts
Watertown	45	W45EI	Requests site change to 41-47-10/75-27-32



### North Carolina

Fayetteville	22	WIRP-LD	Power increased to 15kw, 35-52-15/79-09-39
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### Ohio

Canton	21	WQDI-LD	Power reduced to 250 watts, 41-29-13/81-41-01
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### Oklahoma

Enid	36	K36MV	Requests site change to 36-50-46/97-39-33; granted
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### Oregon

Prospect	7	KØ7GI	Converted to digital, 10 watts, 42-43-41/122-36-27
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Location	RF Ch	Callsign	Notes
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### Puerto Rico

Arroyo	32	W32DV	Power increased to 15kw
Ceiba	23	W23EM	New to air, 15kw, 18-17-04/65-40-28 (TV Red de PR)
Culebra	46	W46EO	Power increased to 15kw
Ponce	46	W46ES	New to air, 15kw, 18-00-34/66-36-49 (TV Red de PR)
Utuado	44	W44CV	Power increased to 15kw



### Tennessee

Clarkrange	3	WWWB-LD	Requests site change to 35-53-26/84-52-01
Nashville	14	WIIW-LP	Power reduced to 1kw, 36-11-14/86-45-27; ANALOG station



### Texas

Beaumont	40	KBMN-LD	Power reduced to 5kw, 29-45-28/94-18-25
Kerrville	14	KWTC-LD	Application for new station, 10kw, 30-12-13/98-46-41; digital companion for analog 11
Lufkin	23	KNCD-LP	Application for new station, 5kw, 31-20-20/94-41-10; digital companion for analog channel 2
Lufkin	25	K25LV	Site changed to 31-44-18/94-35-31
Lufkin	27	KLUF-LP	Application for new station, 1kw, 31-20-20/94-41-10; digital companion for analog channel 5
Lufkin	33	K33KO	Site changed to 32-23-20/94-00-59
Lufkin	38	K38MD	Site changed to 31-44-18/94-35-31
Lufkin	41	K41LW	Site changed to 31-44-18/94-35-31
Lufkin	47	K47NF	Site changed to 31-39-43/95-05-10
Plainview	31	K31MX	Requests power increase to 15kw, 33-30-07/101-52-19
Robstown	40	KINE-LD	Application for new station, 200 watts, 27-46-09/97-26-54; digital companion for analog 44
Sherman	38	KGNE-LD	Requests site change to 34-54-02/97-20-32; granted
Snyder	42	KABI-LD	Requests power increase to 1.28kw; granted
Snyder	47	K47IP	Requests conversion to digital, 1.28kw; granted
Snyder	49	K49GT	Requests conversion to digital, 1.29kw; granted



### U.S. Virgin Islands

Sion Farm (St. Croix)	24	W24DO	Power increased to 15kw, 17-45-21/64-47-56
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Location	RF Ch	Callsign	Notes
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**Virginia**

Crozet	15	W15DW	Requests power reduction to 3kw, 38-04-26/78-44-20; granted
Crozet	31	W31EC	Requests power reduction to 1kw, 38-04-26/78-44-20; granted
Crozet	35	W35DJ	Requests power reduction to 3kw, 38-04-26/78-44-20; granted
Crozet	38	W38FW	Requests power reduction to 3kw, 38-04-26/78-44-20; granted



**Wisconsin**

Wausau	14	W14EA	Granted power reduction to 3kw, 44-49-07/89-03-18; power reduced
Wausau	19	WODR-LD	Granted power reduction to 3kw, 44-49-07/89-03-18; power reduced
Wausau	21	W21DG	New to air, 6kw, 44-09-24/89-30-34 (DTV America)
Wausau	29	W29EH	Power reduced to 3kw, 44-49-07/89-03-18
Wausau	47	W47EK	Granted power reduction to 3kw, 44-49-07/89-03-18; power reduced



**UPCOMING METEOR SHOWERS**

DATA FROM THE AMERICAN METEOR SOCIETY  
[amsmeteors.org](http://amsmeteors.org) 

Shower	Activity Period	Maximum		Radiant		Velocity km/s	r	Max. ZHR	Time	Moon
		Date	S. L.	R.A.	Dec.					
Delta Aquariids (SDA)	Jul 21-Aug 23	Jul 28	128.0°	22:42	-16.4°	42.0	3.2	16	0300	23
Perseids (PER)	Jul 13-Aug 26	Aug 12	140.0°	03:12	+57.6°	60.5	2.2	100	0400	09
Orionids (ORI)	Aug 25-Nov 19	Oct 22	208.9°	06:24	+15.5°	67.1	2.5	15	0500	21



**Interested in contributing to the VHF-UHF Digest?**

We're looking for a dedicated FM DXer to take over the *FM News* column.  
 E-Mail Ryan Grabow if you're interested.

[ryang@wtfda.org](mailto:ryang@wtfda.org)

# FM Facilities Report

June 2016

Check FM Database at <http://db.wtfda.org> for technical data, formats, slogans and RDS Data for Individual Stations not shown in this Monthly Report.

Abbreviations:		
AF- New Station Applied For	NS-New Station Permit Granted	RA>Returns to the Air
Aux- Auxiliary Backup Transmitter	NW-New Station on the Air	ROA-Request of Applicant
CC- Call Change	PC-Power/Height Change Granted	XG-new site granted
CL-City of License	PG-Power Change Granted	XC-transmitter site changed
CX-Canceled	QG-Frequency Change Granted	

Could it be that translator grants are slowing down a bit?

CA	Santa Maria	92.9	K225CG	NW 250w, 34-53-52/120-35-23; relays KTAP 1600; CL from Visalia
CA	Barstow	99.5	K258CK	NW 10w, 34-51-46/117-03-20; relays KTQX 90.1
CA	Corona	100.7	K264CI	NW 13w, 33-49-45/117-38-20; relays KBRT 740; CL from Palmdale
CA	Jackson	96.5	K267BX	QG from 101.3, 100w, 38-24-11/120-39-16; relays KVGC 1340; CL from Tonopah, Nev.
CA	Lancaster	97.3	K247BU	QG from K300CZ-107.9; relays KPFK 90.7
CO	Deer Trail	93.7	KBUD	CX, license surrendered
CO	Delta	97.1	K246CC	XG 38-51-57/108-06-33; relays KKVT 100.7; CL from Cedaredge
CO	Denver	104.7	K284CI	PC>140w; relays KDCO 1340
CO	Rifle	100.3	K262CB	PG>60w, 39-30-50/107-55-52; relays KKVT 100.7
CO	Silverthorne	103.3	K277DB	NW 110w, 39-33-22/106-06-53; relays KYSL 93.9
CO	Boulder	98.9	K295BY	NW 250w, 40-00-43/105-11-16; relays KVCU 1190; CL from Buford, Wyo.
CO	Grand Junction	101.1	K224DN	QC from 92.7, 99w, 39-03-59/108-44-41; relays KTMM 1340;
CO	Alamosa	102.7	K274CU	NW 4w, 37-28-26/105-52-49; relays KTML 91.5
CO	Cortez	94.3	K232EN	NW 170w/-54m, 37-20-56/108-35-40; relays KSUT 91.3
CO	Delta	101.1	K266CF	QG from K269AB-101.7, 38-32-10/108-24-12; relays KMGJ 93.1
CO	Fort Collins	90.9	K215FM	QG from K268CV-101.5, 10w; relays KRKY-FM 88.7; CL from Laramie, Wyo.
CO	Jansen	98.3	K252FI	NW 16w/241m, 37-14-14/104-30-52; relays KTPL 88.3
CO	Lake City	101.3	K267BQ	NW 10w/240m, 37-59-41/107-19-15; relays KTMH 89.9
CO	Loveland	101.3	K267CD	PG>40w, 40-29-37/105-10-53; relays KVAM 1570
CO	Manitou Springs	102.1	K251BT	NW 99w, 38-51-43/104-55-32; relays KXRE 1490; CL from Breckenridge
CO	Oak Creek	100.1	K261EO	NW 23w, 40-27-05/106-45-04; relays KLBV 89.3
CO	Arvada	96.9	K245AD	PC<99w, 39-53-31/105-14-19; relays KKCL 1550
CO	Denver	95.3	K237GG	PG>65w-H/43w-V; relays KLDC 1220
CO	Fort Collins	90.9	K268CV	QG from 101.5, 10w; relays KRKY-FM 88.7; CL from Laramie, Wyo.

CO	Loveland	101.3	K267CD	PC>40w, 40-29-37/105-10-53; relays KHAM 1570
CT	Manchester	105.3	W278AN	QG from 103.5, 247w, 44-13-28/74-27-13; relays WNEZ 1230; CL from Tupper Lake, N.Y.
CT	Vernon	92.1	W221DV	QG from W282AD-104.3, 40w, 41-52-07/72-29-04; relays WCTF 1170; CL from East Windham, NY
CT	Windsor	97.5	W248CR	QG from W254AM-98.7, 250w, 41-51-12/72-40-43; relays WKND 1480; CL from Berlin, N.Y.
CT	Bridgeport	102.3	W272DO	NW 60w, 41-16-44/73-11-08; relays WPLR 99.1
DE	Georgetown	93.5	WZBH	PC>50kw/150m
DE	Milford	101.3	WNCL	PG>6kw/94m, 38-51-22/75-28-59
FL	Islamorada	93.5	WZFL	PG>50kw/118m
FL	Cocoa	99.9	W260CL	PG>250w, 28-21-22/80-44-47; relays WWBC 1510; CL from West Palm Beach
FL	Orlando	93.1	W226BT	PC>250w; relays WRSO 810
FL	Tallahassee (sic)	96.5	W243CZ	NW 40w, 30-25-40/84-14-56; relays WUJC 91.1
FL	Winter Garden	92.7	W224CQ	NW 27w/74m, 28-33-11/81-36-01; relays WYFO 91.9
FL	Clearwater	106.9	W295CF	QG from 106.5, 250w, 27-52-01/82-37-27; relays WYUU 92.5
FL	Gainesville	91.7	WJLF	PG 2.55kw/99m, 29-42-42/82-23-26
FL	Fruit Cove	101.1	W266CX	QG from W265DD-100.9, 235w, 30-16-34/81-33-51; relays WBOB 600; CL from St. Augustine
FL	Gainesville	94.1	W231DH	QG from 106.5, 250w, 29-37-26/82-17-19; relays WDVH 980
FL	Oviedo	105.5	W288CJ	XG 28-42-49/81-20-35; relays WORL 660
FL	Vero Beach	105.7	W289CF	NW 250w, 27-37-12/80-25-01; relays WTTB 1490; CL from Stuart
FL	Longwood	91.9	WWRG-LP	PG 30m, 28-45-17/81-19-49; CC for NS
FL	Key Largo	107.1	WURN-FM	PC>50kw/145m, 25-16-00/80-26-16
FL	Key West	106.9	WIIS	QG from 107.1, 5.7kw/59m
FL	Altamonte Springs	104.5	W283AN	XX relays WTKS-FM 104.1
FL	Tallahassee	100.3	W262CC	PG>99w, 30-29-16/84-16-47; PC; relays WFRF 1070; CL from Monticello
GA	Cornelia	107.7	W299AT	PG>250w, 34-30-07/83-30-44; relays WCON-FM 99.3
GA	Port Wentworth	92.7	W224DA	NW 230w, 32-09-17/81-09-55; relays WLFS 91.9; CL from Rincon
GA	St. Simons	105.5	W288DK	QG from 99.5, 250w, 33-43-17/78-53-44; relays WRNN 1450
GA	Toccoa	93.1	W249CC	NW 250w, 34-31-45/83-22-33; relays WNEG 630
GA	Waycross	99.7	W259BR	NW 250w/61m, 31-15-49/82-17-30; relays WKUB 105.1; CL from Booneyman
GA	Eatonton	97.7	WMGZ	PG>100kw/207m, 33-50-57/82-46-29
GA	Forrester	107.3	W297BX	QG from 95.9, 99w, 35-03-06/85-16-20; relays WNOO 1260
GA	Augusta	105.7	WLUB	CC from WSCG
GA	Macon	105.5	WLXF	CC from WROK-FM

GA	Atlanta	103.7	W279CZ	QG from W256CE-99.1, 99w, 33-44-56/84-24-27; relays WIFN 1340; CL from Somerset, Ky.
GA	Canton	102.5	W273CT	NW 55w, 34-20-21/84-23-01; relays WNGA 105.1
GA	Sylvester	97.3	W247CJ	QG from W276CF-103.1, 250w, 32-50-40/84-37-25; relays WFDR 1370
GA	Hartwell	99.7	W259CN	XG 34-18-45/82-56-15; relays WLHR-FM 92.1; CL from Elberton
GA	Moultrie	98.3	WLOV-LP	NW 55m, 31-12-54/83-47-13 (Colquitt Community Radio)
ID	Pocatello	95.7	K239BR	PG<10w, 42-51-57/112-30-44; relays KLRI 89.5; NW
ID	Sandpoint	105.3	K287BT	NW 250w, 48-18-16/116-32-32; relays KSPT 1400; CL from Chelan, Wash.
ID	McCall	102.3	K272FR	QG from 102.9, 20w, 44-54-35/116-06-31; relays KDZY 98.3
ID	McCall	102.3	K272FR	NW 20w, 44-54-35/116-06-31; relays KDZY 98.3
ID	Pocatello	96.9	K245BR	NW 250w/285m, 42-52-26/112-30-48; relays KID-FM 96.1
IL	Streator	98.5	W253BX	NW 250w, 41-10-49/88-52-06; relays WSPL 1250; CL from Logansport, Ind.
IL	Antioch	99.9	WFEL-LP	PG 30m, 42-29-23/88-06-40
IL	Casey	94.7	W234CK	NW 250w/50m, 39-18-14/87-58-15; relays WKZI 800
IL	Flora	99.3	W257DT	QG from W203AN-88.5, 250w, 38-40-42/88-29-14; relays WNOI 103.9
IL	Mt. Carmel	100.9	W265DK	QG from 107.3, 38-44-30/85-21-42; relays WXGO 1270
IL	Shelbyville	107.5	W298CD	QG from W234CE-94.7, 250w; relays WTIM 870
IN	Rockville	104.9	WAXI	XG 39-43-38/87-17-56; XC
IN	Connersville	105.5	W288CM	NW 27w, 39-38-15/85-08-45; relays WKRT 89.3
IN	Crawfordsville	96.7	W244DN	QG from 97.5, 250w, 39-52-12/86-05-18; relays WBRI 1500
IN	Henderson	101.3	W267CG	QG from 101.1, 250w, 34-57-12/86-38-42; relays WBXR 1140
IN	Muncie	103.5	W278BY	NW 13w, 40-09-22/85-25-48; relays WMXQ 93.5
IN	South Bend	106.3	WUBU	PG 1.4kw/135m, 41-36-59/86-11-44
IN	Evansville	103.3	W277DA	QG from 100.5, 2150w, 35-02-54/85-16-26; relays WLMR 1450
IN	Noblesville	104.9	W232CP	QC from 94.3, 39-45-36/86-00-22; relays WNOW-FM 100.9
IN	North Vernon	97.7	W297AU	QC from 107.3, 250w, 38-59-52/85-38-48; relays WJCP 1460; CL from Arcadia
IA	Oskaloosa	88.5	KIGC	PG>1kw
IA	Bluegrass	98.5	K253BL	NW 75w, 41-30-03/90-40-24; relays KAIP 88.9
IA	Davenport	96.3	K242CV	QG from 99.3, 250w, 42-42-05/92-28-23; relays KWAY 1470
IA	Burlington	99.3	K257GC	QG from 100.9, 250w, 40-49-11/91-07-02; relays KBUR 1490
IA	Clinton	104.5	K283CK	QG from 104.3, 250w, 40-39-30/91-16-20; relays KBKB 1360
KS	Lawrence	104.7	K284BS	NW 250w, 38-53-23/95-17-17; relays KCIU-LP 91.1
KS	Wellington	100.3	K262CQ	relays KLEY 1130
KS	Dodge City	89.1	KSRP	PC 1kw/-8m, 37-43-17/99-57-19

KS	Hoyt	90.9	K215DM	PG>35w; relays KHRI 90.7
KY	Paducah	104.7	W284CG	NW 250w/43m, 37-05-55/88-37-19; relays WMOK 920
KY	Lexington	93.9	WLXU-LP	NW 47m, 38-03-56/84-29-13 (North Nicholasville Road Property Owners Association)
KY	Lawrenceburg	102.9	W275BT	NW 250w, 38-12-44/84-53-09; relays WKVO 89.9
KY	Shepherdsville	106.3	WIOP-LP	PC 37m
KY	LaGrange	94.1	W231DB	QG from W232BB-94.3, 250w, 38-21-09/85-11-09; relays WLRS 1600
LA	Colfax	101.3	KEPZ	PG>6kw/83m
LA	Baker	99.5	K258CH	PG>250w, 30-36-05/91-09-24; relays KPCP 88.3
LA	Baton Rouge	101.1	W266CD	NW 27w, 30-25-39/91-04-44; relays WBKL 92.7
LA	Lake Charles	100.1	K261EB	NW 250w/109m, 30-13-49/93-13-11; relays KAYT 88.1
LA	Houma	105.7	K289CG	QG from 98.9, 32-31-40/92-06-08; relays KMLB 540
LA	Baker	99.5	K258CH	NW 250w, 30-36-05/91-09-24; relays KPCP 88.3
ME	Westbrook	98.3	WPNX-LP	QG from 102.5, 29m, 43-41-22/70-20-08
ME	Machias	91.1	WUMM	QG from 91.7, 250w/23m, 44-42-25/67-27-23
ME	Portland	102.3	W272BV	PG>250w, 43-44-38/70-20-01; relays WJJB-FM 96.3; CL from Yarmouth
MD	Fruitland	107.7	WKHI	PC>23kw/105m
MD	Glen Burnie	93.7	W229CM	to relay WEPM 1340
MA	Boston	90.9	WBUR-FM	PG 8.6kw/358m, 42-18-37/71-14-14
MA	Boston	106.1	W291CZ	QG from W231BI-94.1, 99w, 42-20-50/71-04-59; relays WILD 1090; CL from Utica, N.Y.
MA	Haverhill	97.9	WHAU-LP	PG 152m, 42-46-23/71-06-01
MA	Auburndale	102.9	WLAS-LP	NW 30m, 42-18-27/71-13-27 (Lasell College Radio)
MA	Boston	102.9	WBCA-LP	NW 78m, 42-18-56/71-05-55 (City of Boston)
MA	Lawrence	98.1	WGUA-LP	NW 119m, 42-39-14/71-13-02 (St. Patrick Parish Lawrence Educational Radio Assn.)
MI	Haslett	106.9	W295BP	NW 120w/36m, 42-44-54/84-26-52; relays KHRI 90.7
MI	Rose Township	90.9	WMSD	PG>15kw
MI	Grayling	99.5	W258CT	QG from W221CA-92.1, 250w, 44-34-15/84-41-33; relays WMQU 1230; CL from Gaylord
MI	Ludington	104.9	W285DY	PG>250w, 43-57-24/86-22-20; relays WKLA-FM 106.3
MI	Grand Rapids	94.1	W231DD	PG<88w; relays WNWZ 1410; CL from Big Rapids
MN	Breckenridge	94.3	K264AY	QG from 100.7, 250w, 46-15-48/96-36-31; relays KBMW 1450; CL from Chamberlain, S.D.
MN	Fosston	99.7	K259CW	QG from K300AS-107.9, 47-33-48/95-43-29; relays KKCCQ 1480; CL from Thief River Falls
MN	Duluth	89.5	WJRF	PG>40kw/223m, 46-47-07/92-07-13
MN	Hastings	97.7	W249DK	QG from W280AA-103.9, 250w, 44-44-14/82-49-42; relays KDWA 1460; CL from Silver Bay

MN	Pennock	103.3	K277CC	NW 170w/113m, 45-09-58/95-02-37; relays KRGM 89.9
MS	Itta Bena	89.7	WZEC	CX ROA
MS	Mantee	100.9	WKBB	CL granted from West Point
MS	Picayune	100.1	WAON-LP	PC<5m, 30-31-23/89-39-25
MS	Beech Springs	94.5	W233CI	QG from 92.1, 35-27-51/84-36-00; relays WYXI 1390
MS	Pocahontas	103.9	WYAB	PG 5.4kw/96m; PC
MS	Waynesboro	89.7	WLXW	CC from WZKM
MS	Sharon	100.5	WRTM-FM	PG 4.6kw/114m
MO	Fayette	94.7	KPIP-LP	PG>29m
MO	Moberly	90.1	KBKC	PC>2.1kw/68m, 39-23-31/92-27-21
MO	Saint Louis	100.7	K264CF	QG from 107.1, 38-39-08/90-17-03; relays KMJM-FM 100.3
MO	West Plains	105.1	K275AF	QG from 102.9, 250w, 36-44-48/91-49-56; relays KWPM 1450; CL from Houston
MO	Sullivan	94.1	K295AM	QG from 106.9, 250w, 38-12-40/91-09-39; relays KTUI 1560; CL from Trenton
MT	Manhattan	93.1	KPWS-LP	QG from 98.3
NE	McCook	97.5	K248CX	NW 250w, 40-12-45/100-38-56; relays KBRL 1300; CL from Colby, KS
NE	Beatrice	103.3	K277CD	NW 250w/84m, 40-14-00/96-43-20; relays KLCV 88.5
NE	Briggs	98.9	K255CJ	NW 99w, 41-15-26/95-59-01; relays KZLW 90.1
NV	Gardnerville	98.5	K253BH	NW 140w, 39-07-32/119-46-43; relays KYSA 88.3
NV	Hawthorne	93.5	K228EL	XC 38-31-27/118-37-18; relays KQMC 90.1
NV	Reno	94.1	K231CS	QG from K267AQ-101.3, 152w, 39-35-03/119-47-52; relays KHIT 1450; CL from Conway Summit, CA
NV	Fallon	103.3	K277CE	NW 100w, 39-28-55/118-44-10; relays KQNV 89.9
NJ	Cape May	100.3	W262CH	PG<1w, 38-59-38/74-53-59; relays WVBV 90.5
NJ	Hackettstown	91.9	WNTI	PG 5.4kw/167m, 40-51-08/74-52-25
NJ	Franklin Township	92.7	W224CW	NW 105w, 40-28-45/74-28-30; relays WPRB 103.3
NJ	Mt. Bethel	95.9	W240CY	PG<5w, 40-37-17/74-30-15; relays WDVR 89.7; CL from Warren Township
NM	Las Vegas	91.9	KRRE	PG>117m, 35-36-13/105-15-32
NM	Hobbs	98.3	K252CV	XC 32-40-03/103-07-25; relays KMMZ 101.3
NM	Roswell	92.5	K223BH	PG>250w; relays KBCQ 1230
NM	Alamogordo	106.3	K292GJ	NW 250w/-137m, 32-56-42/105-56-47; relays KINN 1270
NM	Carlsbad	89.3	K207CZ	PC>115w; relays KHRI 90.7
NM	Clovis	106.7	K294CB	NW 250w, 34-23-22/103-10-27; relays KALN 96.1
NM	Hobbs	93.3	K227BY	NW 250w/61m, 32-40-48/103-08-59; relays KALN 96.1
NM	Roswell	92.5	K223BH	PG>250w; relays KBCQ 1230
NM	Las Vegas	88.1	K296EN	QG from 107.1, 41w, 35-36-13/105-15-30; relays KENW-FM 89.5
NY	Baldwinsville	92.1	WOLF-FM	CC from WNDR-FM

NY	Clyde	93.7	WCIP	CC from WCIS-FM
NY	DeRuyter	105.1	WCIS-FM	CC from WOLF-FM
NY	Mexico	103.9	WSEN-FM	CC from WNDR-FM
NY	Oneida	106.3	WCIT-FM	CC from WMCR-FM
NY	Oswego	96.7	WCIO	CC from WWLF-FM
NY	Fulton	97.7	W249CF	XC 43-18-32/76-23-41; relays WDWN 89.1
NY	Ithaca	92.1	W221CW	NW 250w, 42-34-55/76-33-22; relays WSQG-FM 90.9; CL from Groton
NY	Lyons Falls	99.9	W260CW	QG from W206BH-89.1, 5w; relays WXLD 89.7
NY	Redwood	98.5	W253BU	NW 10w, 40-57-59/72-15-36; relays WLNG 92.1
NY	Syracuse	92.5	W223CP	QG from W288AS-105.5, 250w, 43-03-30/76-10-00; relays WOLF 1490; CL from Ithaca
NC	Swan Quarter	88.5	WHYC	XX "Undeleted", FCC ruled station was not actually off over a year. (but failed to properly notify the Commission of shorter silent periods)
NC	Bethania	96.3	W242CC	NW 250w, 36-04-26/80-15-18; relays WEGO 980
NC	Elkin	103.1	W276CN	NW 120w, 36-14-37/80-51-09; relays WBFJ-FM 89.3
NC	Fayetteville	102.9	W275BW	NW 60w, 35-04-46/78-55-58; relays WZRI 89.3
NC	Greensboro	97.7	W249CN	XG 36-03-18/79-54-46; relays WYMY 101.1; CL from Fairfield
NC	Hope Mills	97.3	W247BS	NW 250w, 35-04-46/78-55-58; relays WNCB 93.9
NC	Raleigh	105.7	W289BD	PC>250w; relays WNNL 103.9
NC	Scaly	105.3	W287CD	NW 51w/465m, 35-02-06/83-16-23; relays WHLC 104.5
NC	Pinehurst	90.3	WLXZ	CC from WBFY
NC	Greensboro	97.7	W249CN	NW 25w, 36-03-18/79-54-46; relays WYMY 101.1; CL from Fairfield
NC	Rocky Mount	102.1	W271BT	NW 13w/112m, 35-57-19/77-53-04; relays WSHA 88.9
NC	Wilmington	94.1	W231CL	PG<150w, 34-17-08/77-58-32; relays WLSG 1340
NC	Cashiers	95.7	W239CB	CX
NC	High Point	104.5	W283CN	QG from W285EU-104.9, 250w; relays WMFR 1230; CL from Jamestown
NC	Southern Pines	97.3	W247CE	PG>250w, 35-11-46/79-24-46; relays WEEB 990
ND	Devils Lake	99.7	K260CM	QG from 99.9, 250w, 48-06-42/98-50-43; relays KDLR 1240; CL from Redfield, S. Dak.
ND	Bismarck	95.3	K237FQ	NW 250w, 46-49-38/100-46-28; relays KJIT-LP 106.7
ND	Bismarck	106.7	KJIT-LP	XC 46-49-38/100-46-28
OH	Waynesville	89.1	WYNS	PG>6kw
OH	Newark	107.7	W299CG	NW 250w, 40-03-02/82-28-04; relays WHTH 790
OH	Toledo	91.9	W220EM	QG from W221BG-92.1, 55w; relays WNWT 1520
OH	Canton	102.5	WNPA-LP	PG 37m, 40-45-26/81-21-00
OK	Tulsa	95.9	K240ED	NW 62w, 36-06-25/95-47-13; relays KYLK 103.7
OK	Tulsa	104.9	K285GW	NW 29w, 36-06-25/95-47-13; relays KXTD 1530; CL from McAlester
OK	Bartlesville	99.1	K256CP	NW 250w, 36-37-42/96-11-26; relays KPGM 1500; CL from McPherson, KS



ON	Erin	91.7	CHES-FM	QG from 88.1, 2.5kw
OR	Coos Bay	91.7	K219CK	PG>62w, 43-21-16/124-14-30; relays KLOV 89.3
OR	Seven Oaks	94.3	K232EM	XG 42-17-57/122-44-56; relays KSKQ 89.5
OR	Hillsboro	100.7	KQRZ-LP	PG 95m
OR	Bend	98.3	KTWS	PC>23kw
OR	Grants Pass	91.1	KLXG	CC from KAPK
OR	Lakeview	95.3	KLCR	PC<306m, 42-12-18/120-19-38
OR	Brookings	101.7	K269GM	QG from K216AK-91.1, 250w, 42-02-44/124-14-00; relays KHEC 91.1
OR	La Grande	106.7	K294BJ	PC>160w, 45-18-47/118-04-09; relays KGTS 91.3
OR	Beaverton	98.3	KFFD-LP	CC from KFFP-LP
OR	Portland	90.3	KFFP-LP	CC from KFFD-LP
PA	Temple	99.7	W259CB	PG>99w, 40-28-09/76-03-46; relays WZMV 89.1
PA	Du Bois	104.5	W283BU	NW 10w, 41-08-41/78-52-41; relays WDSN 106.5
PA	Jeannette	97.9	W250AU	PC<10w, 40-23-06/79-41-35; relays WJLW-LP 100.3
PA	Milford	94.5	W233CF	XX relays WAXB 850
PA	Milford	105.9	W290CK	XX relays WQCD 88.1
PA	Cambridge Springs	89.9	WCOB	CC from WCGF
PA	Trout Run	90.1	WCOX-FM	CC from WCIT-FM
PA	Philadelphia	92.9	WRGU-LP	PG 77m, 40-02-07/75-10-31
PA	Philadelphia	92.9	WRLG-LP	PG 78m, 40-02-07/75-10-31
PA	Philadelphia	92.9	WRLG-LP,	WRGU-LP, and WGGT-LP PR 76m, 40-02-07/75-10-31 (stations share time)
QC	La Tuque	103.7	CBF-FM-19	PG<4.75kw
SC	Myrtle Beach	102.3	W272CV	NW 38w/75m, 33-42-13/78-52-36; relays WHQR 91.3
SC	Columbia	96.3	W242CR	NW 140w, 34-02-38/80-59-51; relays WGCV 620; CL from Branchville
SC	Columbia	105.1	W286CT	NW 250w, 33-52-20/81-06-22; relays WGCV 620
SC	Berea	107.7	W299BO	NW 99w, 34-56-05/82-24-16; relays WLFJ-FM 89.3; CL from Pickens
SC	Inman	104.5	W283CG	XC 34-58-52/81-59-11; relays WFBC-FM 93.7; CL from Tryon, N.C.
SC	Winnsboro	90.9	W215CK	QG from W220CV-91.9; relays WJFM 88.5
SD	Sioux Falls	93.3	K227CZ	QG from K221FO-92.1, 250w, 43-33-28/96-47-46; relays KZOY 1520
TN	Kingsport	106.1	W291CP	NW 235w, 36-35-27/82-29-14; relays WEXX 99.3; CL from Blountville
TN	Knoxville	100.7	W264CJ	PC>250w, 35-58-50/83-59-15; relays WKXV 900; CL from Kodak
TN	Nashville	97.5	W248BQ	NW 43w, 36-15-50/86-47-39; relays WNRQ 105.9; CL from Berry Hill
TN	Lenoir City	107.1	WLNU-LP	QG from 102.7, 61m
TN	Nashville	97.5	W248BQ	PG>250w, 36-09-49/86-46-45; relays WNRQ 105.9 (HD2); CL from Berry Hill
TN	Seymour	97.1	W252DD	QG from 98.3; relays WKCE 1120; CL from Sevierville

TN	Cordova	106.5	WCVD-LP	QG from 106.7, 50m, 35-23-56/89-53-21
TN	Morrison	105.3	WOWC	PG>100m, 35-33-10/85-58-47
TN	Memphis	106.7	W294BP	NW 13w, 35-08-45/89-48-48; relays WKVF 94.9; PR>250w
TN	Lenoir City	107.1	WLNU-LP	QC from 102.7, 61m
TN	Knoxville	91.1	WKCS	PC 500w/17m
TX	Katy	88.1	K201EU	PG>250w, 29-49-19/95-52-58; relays KFTG 88.1
TX	Waco	96.1	K241BW	NW 160w/143m, 31-32-02/97-10-55; relays KVLW 88.1
TX	Lubbock	101.7	K269FZ	NW 10w/260m, 33-30-08/101-52-20; relays KBAH 90.5
TX	Lubbock	102.1	K271BW	NW 10w/247m, 33-30-08/101-52-20; relays KGNZ 88.1
TX	Palestine	95.7	K239AM	XX relays KNET 1450
TX	Sherman	92.3	K222CD	NW 200w/44m, 33-37-58/96-30-49; relays KWEZ-FM 90.1
TX	Dallas	92.1	KPVC-LP	NW 30m, 32-49-37/96-54-21 (Iglesia Evangelica Vida y Esperanza)
TX	Ingram	96.5	KFXE	CC from KKGN
TX	Mart	88.9	KWAA	CC from KSUR
TX	Pasadena	92.9	KKBQ	CC from KKBQ-FM
TX	Katy	88.1	K201EU	XG 29-49-19/95-52-58; relays KFTG 88.1
TX	Tyler	106.1	K291CH	QG from K248CC-97.5, 68w; relays KYKX 105.7; QC
TX	Mission	99.9	KZOA-LP	NW 40m, 26-13-04/98-19-44 (La Respuesta Church Ministries)
TX	Beaumont	88.1	KLBT	PC>30kw
TX	Midland	105.1	K286BW	NW 250w, 31-57-30/102-03-59; relays KLVW 90.5
UT	Navajo Mountain	99.1	K256CA	NW 10w/1492m, 37-02-03/110-52-08; relays KUYI 88.1
UT	Glendale	89.9	KFDJ	PG>30kw/545m, 37-17-45/112-50-34
UT	Erda	105.5	K288GY	PG<10w; relays KCPW-FM 88.3; CL from Holladay
UT	Salt Lake City	88.3	KCPW-FM	PG>450w/416m, 40-37-53/112-07-50
UT	Moab	98.3	K252FH	NW 10w/359m, 38-31-44/109-19-30; relays KVMT 89.1
UT	North Moab	90.9	K215EL	XG 38-34-02/109-32-48; relays KUER-FM 90.1
UT	Orem	91.7	KOHS	PC 1kw/-238m, 40-18-00/111-38-38
UT	Park City	91.7	KPCW	PC>1.8kw
UT	South Jordan	92.5	KUUU	PC>3.7kw/1197m
VT	Rupert	97.9	W250CC	QG from 96.3, 250w, 43-19-45/73-38-54; relays WMML 1230
VA	Fredericksburg	106.3	W292EF	NW 75w/115m, 38-16-21/77-29-46, relays WJYJ 90.5
VA	Harrisonburg	103.3	W277CY	XG 38-26-52/78-54-27; relays WPER 89.9; NW
VA	Harrisonburg	91.7	WEMC	PC>4.6kw/56m
VA	Richmond	99.5	W258AK	XX relays WONA 1540; CL from Farmville
VA	Dillwyn	105.3	WEQF-FM	CC from WBNN-FM
VA	Marion	94.7	W233CD	QG from 94.5; relays WVTR 91.9
VA	Richmond	104.3	W282CA	PG>250w; relays WKHK 95.3
WA	Richland	106.1	K291BS	NW 250w, 46-14-08/119-19-13; relays KMMG 96.7

WA	Kennewick	93.9	K230BW	QG form 94.1, 250w, 46-14-08/119-19-13; relays KQFO 100.1
WA	Covington	104.5	KLSW	PC 6.7kw/400m
WA	Pasco	100.1	KQFO	PC>8kw
WA	Tacoma	88.5	KPJZ	CC from KPLU-FM
WA	Bellingham	101.5	K267BS	QG from 101.3; relays KZAZ 91.7
WA	Chelan	105.5	K288GN	NW 2w/529m, 47-48-26/120-02-00; relays KWLN 103.3
WA	Kennewick	93.9	K230BW	NW 250w, 46-14-08/119-19-13; relays KQFO 100.1
WA	Palouse	107.3	K297BJ	NW 50w, 46-57-26/117-19-49; relays KKRS 97.3
WA	Richland	99.5	K258CN	PC>250w, 46-14-08/119-19-13; relays KMMG 96.7
WA	Oak Harbor	103.3	KMCQ	NW 1.4kw/414m, 48-21-55/122-16-03 (Everett-Snohomish Broadcasting)
WA	Bellingham	101.5	K267BS	QG from 101.3 CX ROA
WA	Duvall	103.1	KAPY-LP	PG>-6m, 47-42-50/121-58-14
WI	Manitowoc	107.3	W297BW	QG from 101.7, 250w, 43-34-26/90-48-55; relays WVRQ 1360
WI	Marshfield	100.9	W262AX	QG from 100.3, 160w, 44-36-48/90-02-14; relays WLBL 930
WI	Richland Center	107.7	W299CD	NW 160w, 43-18-56/90-25-35; relays WRCO 1450; CL from Bloomer
WI	Watertown	96.1	W241BQ	NW 80w/35m, 43-11-45/88-45-25; relays WPJP 100.1
WI	Glendale	89.3	WMWG-LP	PG<1m, 43-07-12/87-55-12
WI	Baraboo	99.7	W259BC	XC 43-25-50/89-39-13; relays WRPQ 740
WI	Eau Claire	98.7	W254CN	QG from 104.9, 44-48-00/91-27-56; relays WBIZ 1400; CL from Houlton
WI	Eau Claire	105.1	W286CK	PG<185w, 44-48-00/91-27-56; relays WAYY 790
WI	Fond du Lac	103.1	W276CO	NW 120w, 43-46-45/88-26-39; relays WSJP-FM 100.1
WI	Milwaukee	98.7	W236BR	QG from 95.1, 99w, 43-02-49/87-58-52; relays WJYI 1340; CL from Reed City, Mich.
WI	Oshkosh	98.7	W247AZ	QG from 97.3, 210w, 44-01-40/88-37-39; relays WISS 1100; CL from Berlin
WI	Milladore	88.5	WGNV	PG>100kw
WI	Marinette	97.3	W247BX	XG 45-08-56/87-41-41; relays WLWR-LP 107.7; CL from Peshtigo
WY	Sheridan	106.3	K292DZ	PG>250w, 44-37-24/107-07-01; relays KZWY 94.9
WY	Douglas	88.7	KRKY-FM	PG<850w/106m [05/24 end]



The Sansonic FT300A DTV Set Top Box

Recently we picked up one of these boxes for a few dollars at a garage sale. We had read on the WTFDA Forums some time ago that this box had manual tuning and we were just curious to find out if it was any good.



Yes, the Sansonic box does have manual tuning. A press of the ANT LEVEL button displays signal strength and signal quality and throws the box into manual tuning, where a press on the ch+ or ch- arrow will tune the box up or down channels manually while displaying the video and showing you the strength and signal quality at the same time. Another press of the ANT LEVEL takes you out of manual mode and displays the info screen (showing callsign, channel number and channel frequency.)

If the box is left on an empty channel overnight and a signal decodes briefly on that channel, the video is held on the screen and the PSIP info is also held as long as the box stays in manual mode. The Zenith box holds the PSIP info but not the video. I've seen sub-decodes of signals as little as 17-18 per cent. Normal decodes are around 40 per cent.

A nice feature of this box is that manual tuning can be accessed without having to navigate menus. A press of the ANT LEVEL button is all that is needed. Below are sample photos of the box in manual mode and in "info" mode.

Doug Allen reports that "The Sansonic tuner continues to work well and seems slightly more sensitive than my HD Home Run." The sensitivity and selectivity of the box seem to be about the same as the Zenith DTT901/Insignia NS-DXA1.

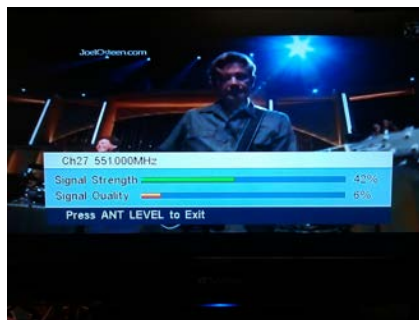


Figure 1 Manual Mode

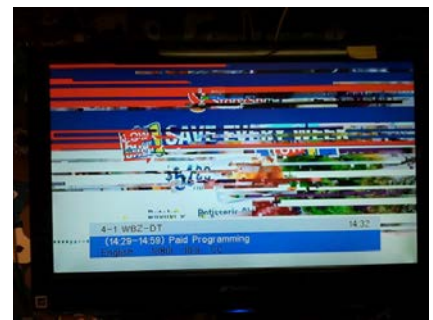


Figure 2 Info Mode

We don't know why a review has never been done on this set-top-box, but to us it seems to be a piece of worthwhile DTV DXing equipment. You can still find this STB for sale new on Amazon and eBay. Since the initial review of the Sansonic box was posted on the WTFDA Googlegroups list, a few WTFDAers have purchased the box and we await reviews from them on the box's operation and reliability. –Mike Bugaj

# CUBAN LOWBAND ANALOG SKIP TARGETS AND STATIONS BY PROVINCE

## Province

Analog Channel – Network – City served (transmitter location)

### La Habana

- 2 - Tele Rebelde – La Habana (Televilla)
- 4z – Canal Educativo – La Habana (Televilla)
- 6z – Cubavisión – La Habana (Televilla)

### Pinar del Río

- 2+ - Tele Rebelde – Rural area/16 miles NE of Pinar del Río capital (La Capitana)
- 6z – Cubavisión – Rural area/16 miles NE of Pinar del Río (La Capitana)

- 3z – Tele Rebelde – Bahía Honda (Cajalbana)
- 5z – Cubavisión – Bahía Honda (Cajalbana)

### Villa Clara

- 3z – Cubavisión – Santa Clara (Loma Dos Hermanas)
- 5z – Tele Rebelde – Santa Clara (Loma Dos Hermanas)



### Camagüey

- 4+ - Tele Rebelde – Camagüey
- 6z – Cubavisión – Camagüey

### Holguín

- 3z – Cubavisión – Holguín (Loma de la Cruz)

- 4z – Tele Rebelde – Moa (Miraflores)\*

- 6z – Cubavisión – Moa (Miraflores)\*

### Granma

- 2z – Cubavisión – Pílon (El Mamey)
- 5z – Tele Rebelde – Pílon (El Mamey)

### Santiago de Cuba

- 2z – Cubavisión – Santiago de Cuba (Boniato)
  - 5z – Tele Rebelde – Santiago de Cuba (Boniato)
- This list courtesy of Bill Hepburn and Jim Thomas.





## CW Network Jumping Stations in Chicago, WGN to Go Independent

Written for TVSpy by Kevin Eck [May 23, 2016]

Source: <http://www.adweek.com/tvspy/cw-network-jumping-stations-in-chicago-wgn-to-go-independent/170881>

TVSpy

The CW Network is moving its Chicago affiliation from Tribune's [WGN](#) to Fox-owned [WPWR](#) on September 1.

"We love high quality, big budget first-run prime and we love having more original programming," said **Frank Cicha**, svp of Programming for Fox Television Stations. "But most of all, we love moving to The CW the same time as Supergirl."



WGN will become an independent station.

Chicago media writer **Robert Feder** [reports](#) sources tell him the station switch will cost WGN "less than \$4 million in revenue."

From the Tribune press release:

By becoming an independent station, WGN will have greater flexibility to take full advantage of its strong local news product and its unique line-up of professional sports teams. WGN will be able to broadcast a full slate of more than 150 live Cubs, Sox, Bulls and Blackhawks games without interfering with network programming. In the past, the station has had move as many as 30 games a year to another local station in Chicago. The station will also take full control of all of its primetime advertising inventory.

Variety [reports](#) Tribune-owned stations WPIX in New York, KTLA in Los Angeles, KDAF in Dallas, WDCW in Washington, DC, KIAH in Houston, WSFL in Miami, KWGN in Denver, KPLR in St. Louis, KRCW in Portland, WCCT in Hartford, WGNT in Norfolk and WNOL in New Orleans have all extended their affiliation agreements with the CW.

WGN became a WB affiliate when the network launched in 1995 and became a CW affiliate when UPN and the WB merged in 2006.

### Interesting TV or FM catches?

Share them with your column editors!

**Coast to Coast TV DX** For TV DXers in the United States and Canada  
Nick Langan ([nickl@wtfda.org](mailto:nickl@wtfda.org))

**Northern FM DX** For FM DXers living in the northern United States and all of Canada  
Keith McGinnis ([longwave@comcast.net](mailto:longwave@comcast.net))

**Southern FM DX** For FM DXers living in Mexico, the Carribean, or the southern United States  
John Zondlo ([southernfmdx@wtfda.org](mailto:southernfmdx@wtfda.org))

**Photo News** For screenshots of your TV DX IDs  
Jeff Kruszka ([jkruszka@sbcglobal.net](mailto:jkruszka@sbcglobal.net))



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