

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 2013

The Magazine for TV and FM DXers



Paul Mitschler



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Merry Christmas and a  
Very Happy New Year!

# 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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## The Mailbox

P.O. Box 501 Somersville, CT 06072

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

DECEMBER 2013



Welcome to the Digest for December. This is the time of year when TV and FM DXing takes a siesta for a few months and VUDs start shrinking to reflect that. Perhaps there will be some winter Es floating around in the next few weeks but if not, the hibernations will continue. Zzzzzz.

We have two new members this time around. David Latchum (W1VR) lives in Sanford, FL and his interests, besides ham radio, are FM and 30-50mhz. For equipment he uses an XDR-F1HD, a five element yagi at 30 feet and a Kenwood TS870 three element yagi for 6 meters. Welcome, David!

Our newest new member is Stephen Parker from London, ON. Stephen is interested in DTV DXing. He's got a CM-4221HD with a CMM-7777 preamp, a CM 9521A rotor and a 30 foot tower. You have plenty of TV DXing company there in London, Stephen. That entire area had plenty of TV & FM DX back in early October. I would suggest you join the club logger or the tvfmdx email list to come in contact with some active TV DXers in your area.

During the period from 10/14 through 11/15 we received renewals from Larry Weil (NH), Robert Klinger (WI), Steve Branch (IL), Greg Coniglio (NY), Karl Zuk (NY), Adam Rivers (CT), Gary Olson (FL) and John Vervoort (MI). Thanks everyone for supporting the WTFDA! We've heard from a few members about renewal checks not being cashed in a timely matter. That matter should be resolved and all checks received through the middle of December should now be cashed and your next bank statements should show it.

A few short weeks ago I was out looking for a 40" DTV to replace my older 4 year old 720p DTV in my living room. Without checking any reviews I purchased a 40" element 1080p DTV which was on sale at one of the big box stores for well below \$300. What a deal, I thought. Well, it was a great deal until all three HDMI inputs ceased working nine days later. I took it back and got a refund, then a very short time later, after receiving an email from Jim Thomas about DTVs, I purchased a 42" LG DTV. This time I checked the reviews first and found almost all models were rated good. Jim wrote me that these LG TVs have manual tuning. I'm here to report that yes they have! You can manually tune analog stations, digital channels as well as cable channels. The process used is just like that of the Zenith/Insignia STBs and you can view the signal meter as you tune channels with your remote. The sensitivity of the DTV is like that of the Zenith/Insignia boxes also.

So, if you're looking for a DTV that is very friendly towards TV DXers, check out the LG DTVs.

David Latchum is looking for a tuner with RDS capability for computer logging. What you can do is open up your tuner, find the RDS signal, tap into it and run wiring from there to a Conrad RDS Manager or a Ray Dees RDS Decoder, which connects to your computer where the PI code, etc gets decoded by software such as the Esslinger RDS software or RDS Spy. I realize this is a simplistic answer and not as easy as it sounds on paper, but it can be done. You can look for someone selling an RDS Manager on eBay or eBay DE/UK. I think the Europeans have also found a way to make an XDR-F1HD work with RDS Spy. So on that note, we'll end this for now. See you next month!



# TV News

Douglas E. Smith  
 1389 Old Clarksville Pike  
 Pleasant View, TN  
 37146-8098  
[w9wi@w9wi.com](mailto:w9wi@w9wi.com)  
<http://www.w9wi.com>

## December 2013

### Abbreviations:

AF	Applied For (a new station)	NW	New station on the air
Aux	Auxiliary (backup) transmitter	PA	Proposed Amendment
CC	Callsign change	PC	Power (and/or tower height) change on the air
CL	City-of-license change	PG	Power change granted
CX	Canceled	PR	Power change requested
DC	Converted to DTV	RA	Returns to the air
DCC	Digital Companion Channel	QC	Channel (frequency) change on the air
NS DCC	Granted flash-cut to DTV	QG	Channel change granted
DE	License/permit deleted	QR	Channel change requested
DR	Requests flash-cut to DTV	RE	Reinstated (previously-dismissed app.)
FC	Programming (format) change	ROA	Request of Applicant
FTP	Failure to Prosecute	SI	Off the air (silent)
GA	Granted amendment (to table of channel allotments)	STA	Special Temporary Authority
LC	License to Cover	XC	Transmitter site changed
MX	Mutually Exclusive	XG	Transmitter site change granted
NDA	Non-directional antenna	XR	Transmitter site change requested
NS	Permit granted for new station	lpdtv	Low Power Digital TV
DG	Granted conversion to DTV	DRT	Digital Replacement Translator

### 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*)



#### Puerto Rico

Carolina 22 WVDO-LD NW 15kw, 18-16-46/  
65-51-12 (Ramon A. Hernandez)

Fajardo 13 WORO-DT PG>862m; PC



#### USA



#### Alabama

Talladega 47 WOIL-LP DG CX; remains analog



#### Alaska

Anchorage 22 K22HN XG 61-07-34/ 149-42-50



#### Arizona

Tucson 14 KUDF-LP DC 3.02kw



#### Arkansas

Clarksville 4 K04RA PG>3kw



#### California

Fortuna 38 KEET – NW 15kw, 40-25-02/  
0912ACP 124-07-08; DCC for 11  
Eureka

Lucerne Valley 33 KVVb-LD DG 800w, 34-36-34/  
117-17-11

Morongo Valley 18 KJHP-LP DC 1kw

Palm Springs 21 K21DO DG 15kw, 33-52-01/  
116-26-03

Salinas 15 K15CU DR 5.74kw

Stockton 46 KQCA AF 790kw (aux)

Truckee 49 K49MD NW 175w, 39-19-24/  
119-56-35 (KRXI)



#### Delaware

Wilmington 2 KJWP XC from Jackson,  
Wyoming;  
9.36kw/311m, 40-02-30/  
75-14-11



**Florida**

Key West 19 WEYW-LP DC 5kw  
Panama City 22 WPFN-CD DG 15kw, 30-10-52/  
85-46-43



**Georgia**  
Columbus

11 WTVM PC 31kw/ 554m, 32-  
19-16/ 84-47-28



**Hawaii**

Mauna Loa 19 K19JW NW 1kw, 19-35-18/  
155-27-10 (KHET)



**Idaho**

Cascade 17 KAID – NW 85w, 44-26-25/  
0902ACG 116-07-29; DCC for  
Boise 21  
Georgetown 7 K07ZQ NW 25w, 42-30-07/  
111-20-31 (KAID)  
Lewiston 28 K51HY QR from 51



**Illinois**

Chicago 41 WOCK-CD QR from 4, 3kw  
La Salle 32 W32EN PR<4.6kw, 41-42-19/  
89-04-47  
Rockford 47 W47EO PG<100w



**Kansas**

Wichita 17 KPTS – NW 13.7kw, 37-46-19/  
0827AAT 97-19-10; DRT for 8  
Hutchinson



**Louisiana**

Lafayette 38 K38OF PG>15kw, 30-02-19/  
92-22-15; CL from  
Crowley  
New Orleans 18 WBXN-CA DC 4kw



**Maine**

Portland 15 WLLB-LP DC 15kw



**Minnesota**

Geneva 48 K48KJ PC>4.92kw, 44-02-46/  
93-23-03  
Minneapolis 32 WCCO-TV AF 1000kw/ 349m  
(aux)



**Montana**

Glendive 13 K13PL CX  
Superior 3, K03DT, DR 20w  
11 K11FF



**Nevada**

Las Vegas 15 KVCW NW 250w, 36-09-30/  
115-54-01; DCC for 29  
Ruth 39, K39LE, NW 18w, 39-16-27/  
41, K41MB, 114-59-12  
44 K44KP



**New Jersey**  
West Milford

29 WNYJ-TV CC from WFME



**New Mexico**

Albuquerque 39 KRTN-LD PG>15kw  
Albuquerque 47 KTEL-CD DG 15kw  
Farmington 34 NEW-lpdtv AF 15kw; DCC for  
K30KB  
Ruidoso 35 K35GU DG 550w; DC  
Shiprock 48 K48AW DC 2.71kw



**New York**

Westvale 6 WVOA-LP CC from WMBO



**Ohio**

Marion 28 WMNO-CD DG 7.5kw, 40-37-39/  
83-07-48; CL from  
Bucyrus



**Oklahoma**

Enid 48 KUOC-LD PR<4kw  
Oklahoma City 13 KETA-TV PR<462m, 35-35-52/  
97-29-22; PG



**Oregon**

Bend	17 KABH-CD	DC 2kw
Klamath Falls	44 K44DZ	PR>12kw
Phoenix	47 K47LD	PC>3kw
Portland	26 KJYY-LD	CC from K26GJ
Sunriver	26 KOHD – 0425AAK	NS 660w, 43-52-25/121-30-11; DRT for Bend 51



**Pennsylvania**

Pittsburgh	15 WIIC-LP	DR from 29 dismissed
Pittsburgh	32 WBYD-CA	DR from 35, 15kw; CL from Johnstown dismissed



**South Dakota**

Mitchell	7 K07QL	CX
Rapid City	2 KOTA-TV	PR>216m; PG
Reliance	13 KPLO-TV	PC 46.9kw/ 306m, 43-54-27/ 99-41-46



**Tennessee**

Kingsport	9 WOPI-CD	DG
Kingsport	36 WAPK-CD	DG 15kw
Knoxville	28 WEZK-LD	DG 15kw
Lexington	47 WLJT-DT	PC>285kw/ 205m; NW 195kw/ 167m (aux)
Sevierville	22 WJZC-LD	DG 3.5kw



**Texas**

Gruver	36 K36KL	NW 420w, 36-14-44/101-22-56 (KACV)
Houston	11 KHOU	NW 25kw/ 437m (aux)
Lubbock	19 KLBB-LD	AF 15kw; DCC for analog 48
Midland	32 KKSBLD	PR>14.99kw, 32-04-05/ 102-13-51
Mount Vernon	25 K25ND	PG 15kw, 33-04-35/95-14-27; move from site near Odessa
Raymondville	47 KRYM-LD	AF 15kw, 26-20-25/98-13-57; DCC for analog 46
San Angelo	41 KEUS-CA	DC 5.9kw
Victoria	28 KUNU-LD	PG>15kw; PC



**Utah**

Antimony	2, 4, K02FA,	CX
	5 K04FG,	
	K05DO	
Circleville	9, K09FX,	CX

	11, K11FZ,	
	13, K13EK,	
	17 K17HD	
Marysvale	2, 4, K02BQ,	CX
	5, K04BO,	
	34 K05BH,	
	K34AL	



**Vermont**

Manchester	2 WYCX-CD	CC from WVBK
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**Virginia**

Weber Co.	7 WKIN-CD	DG
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**Washington**

Hoquiam	24 K24IT	PG>5kw, 46-56-45/123-47-48
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**Wisconsin**

Bloomington	22 W22CI	PR>1.93kw, 42-54-09/90-56-47
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Thanks to John Zeis for information appearing elsewhere in this column -- the news of KJWP-2 having made the move from Wyoming to Delaware.

Right now, it's just testing with color bars. Transmitter is in Philadelphia, on the same tower as WCAU and at least four other stations.



And now, broadcasting from Philadelphia!

OLD ALLIED AND RADIO SHACK CATALOGS

<http://www.alliedcatalogs.com>

<http://www.radioshackcatalogs.com>

Thanks to Al Tobia for the links



# FM NEWS



**BILL HALE**

6124 Roaring Springs Drive, N. Richland Hills, TX 76180

FMnews@wtfda.org

## INDEX OF ABBREVIATIONS

APP: application  
 APP Mod: Change to an already submitted application  
 Class: FM license class  
 CP: construction permit (authority to broadcast with facilities noted)  
 CP Mod: change to an already granted CP  
 DA: directional antenna  
 FF: French language

\$: Stereo  
 XL: Transmitter Location change to  
 > : change to [in formats]  
 < : an increase to [in technical data]  
 > : a decrease to [in technical data]  
 [ ]: Calls in brackets signifies assumed or applied-for status

Note: antenna heights are HAAT except where noted

### — CANADA —



#### — CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>
BC Grand Forks	107.3 CBRJ-FM	CBTK-2 (effective when change from 860 occurs)
MB Portage La Prairie	93.1 CFRY-FM1	CFRY-FM (when new Classic Rock format is established)
MB Winnipeg	107.1 CFEQ-FM	CKCL-FM
NB Bathurst	103.3 CP	CJUU-FM
ON Barrie	106.7 CP	CFRH-FM1

#### — NEW STATIONS ON THE AIR —

ON Rockland	92.5 CHRC-FM	Soft AC: <i>Jewel 92.5</i>
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#### — FORMAT and SLOGAN CHANGES —

AB Wainwright	101.9 CKKY-FM	> Active Rock: <i>K-Rock</i> (Ex: Country on 830)
MB Winnipeg	107.1 CKCL-FM	> Classical/Jazz
ON Smiths Falls	101.1 CKBY-FM	Changes slogan to <i>Country 101.1</i>



#### — TECHNICAL CHANGES —

##### GRANTS FOR NEW STATIONS

###### CP granted for:

BC Grand Forks	107.3 CBTK-FM2	252 W/(-) 363 m, 49-00-35/118-23-29; Class A1; Mono; will CBTK-FM 88.9 Kelowna and replace CBRJ-860
ON Barrie	106.7 CFRH-FM1	175 W/86 m, 44-24-15/79-42-25; Class A1; \$; will relay CFRH-FM 88.1 Penetanguishene
ON Huntsville	88.7 CP	5.7 kW-V/182 m, 45-22-37/78-59-35; Class C1; \$; will be a 'Variety' format
NF Cartwright	93.9 CFGB-FM1	50 W-H/6 m, 53-42-31/57-00-42; Class LP; Mono; will relay CFGB-FM 89.5 Goose Bay and replace CBNK-570
NF Stephenville	98.5 [CHOZ-FM1]	3.03 kW/99 m, 48-31-34/58-29-06; Class A; \$; will relay CHOZ-FM 94.7 St. John's
NB St Stephen	88.1 CBD-FM1	233 W/(-) 34 m, 45-11-33/67-15-40; Class A1; Mono; will relay CBD-FM 91.3 St. John and replace CBAO-990 St Stephen
NS Sackville	88.7 CIOE-FM	250 W-V/25 m, 44-45-26/63-39-24; Class A1; \$



#### — TECHNICAL CHANGES —

##### GRANTS TO EXISTING STATIONS

###### CP granted for:

BC Quesnel Reserve	96.1 VF2073	< 6.5 Watts/< 236 m, XL to xx-xx-xx/xxx-xx-xx; Class VLP; Mono
MB Flin Flon	102.9 CFAR-FM	< 600 W/< 28 m, 54-46-03/101-51-06; (to) Class A; Mono
NB Sackville	105.7 CBAM-FM1	50 W (adding H)/> 45 m (to) DA, XL to 45-54-37/64-23-08; Class LP; (to) Mono [The CBC stated that it must relocate CBAM-FM1's transmitter since it is closing the current site of the Radio-Canada International. The new site, located just south of Ogden Mill, will increase the their coverage due to the site's greater proximity to Sackville]



ON Erin	88.1	CHES-FM	< 1.25 kW/63 m DA, 43-45-56/80-03-41; Class A (from A1); \$
ON Markham	105.9	CFMS-FM	< 2.5 kW/> 9 m DA, XL to 43-54-09/79-22-55; Class A; \$
ON Toronto	88.1	CIND-FM	< 4 kW/> 281 m, 43-38-56/79-22-54; Class B (from B1); \$
ON Wawa	88.3	CBLJ-FM1	< 4.807 kW-H (drops V)/< 133 m, 48-01-13/84-45-00; Class B1 (from B); Mono
QC Gaspé	104.7	CBVG-FM	> 2.61 kW-H/> 385 m DA, 48-50-01/64-15-24; Class B; Mono



— TECHNICAL CHANGES —

— APPLICATIONS FROM EXISTING/PROPOSED FACILITIES —

AB High Prairie	93.5	CKVH-FM	<b>Applies for:</b> < 29 kW/< 129 m, XL to 55-32-28/116-07-14; (to) Class B; \$
AB Peace River	94.9	CKYL-FM1	> 2.5 kW/< 155 m, XL to 56-14-07/117-15-55; Class A; \$
AB Peace River	106.1	CKKX-FM	> 2.5 kW/< 155 m (drops DA), XL to 56-14-07/117-15-55; Class A; \$
BC Hornby Island	96.5	CHFR-FM	< 50 W-H (was V-only)/> 62 m, 49-32-05/124-40-09; (to) Class LP; Mono
ON Thunder Bay	95.1	CJOA-FM	< 250 W/> 25 m, 48-26-32/89-14-26; (to) Class A1; (to) \$



— APPLICATIONS FOR NEW FACILITIES —

BC Abbotsford	107.9	CKYE-FM1	<b>Applies for:</b> 250 W/62 m, 49-03-12/122-20-18; Class A1; \$; would relay CKYE-FM 93.1 Vancouver
BC Cranbrook	96.5	APP	2.6 kW-V/1054 m, 49-27-30/115-37-49; Class C; \$; would be AC
BC Cranbrook	107.5	[CKCF-FM]	2.5 kW-H/1048 m, 49-27-30/115-37-49; Class A; Mono; would be AC
BC Surrey	91.5	APP	1 kW/132 m DA, 49-11-26/122-50-23; Class A; \$; would be AC (alternate to one of the 107.7 applications)
BC Surrey	107.7	APP	A total of 10 applications have been filed for this frequency with a variety of powers, antenna heights and formats
BC Vancouver	98.3	APP	6 kW/(-)11 m DA, 49-16-10/123-06-11; Class A; \$; would be 80% Progressive Urban and 20% Talk
NS Sydney	97.5	CKJM-FM2	830 W/(-) 6.5 m, 46-08-27/60-10-54; Class A; \$; would relay CKJM-FM 106.1 Chéticamp
ON Beardmore	107.1	CFNO-FM3	260 Watts/74 m, 49-34-01/87-58-25; Class A; \$ [CFNO-FM 93.1 (Marathon) has applied to add this relay transmitter in Beardmore, a former township within the municipality of Greenstone]
ON Tillsonburg	88.7	[CBCL-FM1]	8.18 kW/79 m DA; 42-53-30/80-45-11; Class B1; Mono; would relay CBCL-FM 93.5 London
QC Dolbeau-Mistassini	101.3	APP	395 W/28 m, 48-53-32/72-11-31; Class A; \$; would be a FF Community/Variety station

— OTHERNEWS —

NB Moncton	91.9	CKNI-FM	Applies to drop Specialty Format License entirely if earlier announced ownership change from Rogers to Acadia Broadcasting is approved
NS Lower Sackville	88.7	-----	Application for a Community/Variety station withdrawn. Cobequid Radio Society. Application temporarily withdrawn. No reason was given.



— UNITED STATES AND TERRITORIES —



— CALL LETTER CHANGES —

FULL POWER and LPFM STATIONS

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AR Bearden	92.7 CP	KBEU	NJ Cherry Hill	89.5 WKVP	WYPA
AR Bismarck	93.5 KHRK	KIXV	NY Danby	107.1 W297BI	W296CP
AR Clarendon	104.1 CP	KCON	NC Dillsboro	89.7 WHTD	WNQS
CA Garberville	89.1 KXBC	KGKV	OH Niles	93.7 W232AI	W229BS
CO Severance	103.9 KYEN	KRKA	OR Ione	99.5 CP	KZLY
FL Fort Lauderdale	103.5 WSHE	WMIB	OR Aloha	97.9 KXPC	KLVP
GA Augusta	105.7 WEKL	WSCG	OR Welches	90.3 KZRI	KXPC
GA Milner	105.9 CP	WFAL	SD Sioux Falls	92.5 KELO-FM	KTWB
GU Agana	90.1 CP	KKGU	SD Sioux Falls	101.9 KTWB	KELO-FM
ID McCall	95.5 CP	KUJJ	TX Alice	88.3 KIFR	KAWV
ID Melba	102.7 KPHD	KZMG	TX Big Lake	97.1 CP	KBLT
IN Bloomfield	101.1 CP	WDCK	TX Cotulla	105.7 CP	KECL
IA Fort Dodge	89.5 KEGR	KIFR	TX Flower Mound	96.7 WBAP-FM	KTCK-FM
MD California	89.7 CP	WXMD	TX Ozona	102.9 CP	KXON
NV Beatty	97.9 CP	KACE	TX Shamrock	102.1 CP	KOCK
NV Elko	97.5 KPHD	KZMG	TX Stamford	94.5 CP	KSTD
NJ Camden	106.9 WWIQ	WKVP	WY Daniel	104.3 KYPT	KFZE

## TRANSLATOR and BOOSTER STATIONS

			<u>Old Call</u>	<u>New Call</u>				<u>Old Call</u>	<u>New Call</u>
AL	Clubview Heights	97.7	CP	W249CP	ID	Soda Springs	103.5	CP	K278BY
AL	Gadsden	98.1	CP	W251BV	IL	Atlanta	98.3	CP	W252CQ
AL	Leeds	92.7	CP	W224CN	IL	Bolingbrook	95.1	CP	W236CG
AL	Smyrna	107.1	CP	W296CM	IL	Carbondale	98.7	CP	W254BZ
AL	Vestavia Hills	92.7	CP	W224CK	IL	Chicago	103.9	CP	W280EM
AK	Iliamna	94.3	CP	K232EV	IL	Homewood	95.1	CP	W236CF
AK	Kalskag	94.3	CP	K232EU	IL	Mount Vernon	103.7	CP	W279CM
AZ	Chandler	94.9	CP	K235CB	IL	Mascoutah	97.3	CP	W247BU
AZ	Dolan Springs	105.3	K284BE	K287BJ	IL	Rockford	103.9	CP	W280EN
AR	Paragould	97.9	CP	K250BH	IL	Sandwich	94.5	CP	W233BW
CA	Apple Valley	96.9	CP	K245BS	IN	Anderson	103.7	CP	W279CL
CA	Borrego Springs	91.9	K217EL	K220GJ	IN	Cannelton	93.3	CP	W227CO
CA	Calistoga	99.9	CP	K260BV	IN	Cofax	97.7	CP	W249CQ
CA	Concord	107.3	KLVS-2	KLVS-FM2	IN	Gary	94.3	CP	W232CK
CA	Culver City	98.3	CP	K252FK	IN	Lafayette	96.9	CP	W245CD
CA	Dos Palmas Corners	107.9	CP	K300CN	IN	Lafayette	105.9	CP	W290CM
CA	Graeagle	98.7	CP	K254BY	IN	Lebanon	96.1	CP	W241BW
CA	Hayward	107.3	KLVS-3	KLVS-FM3	IN	Lebanon	106.5	CP	W293CF
CA	Isla Vista	104.1	CP	K281BV	IN	Noblesville	105.1	CP	W286CM
CA	Lagunitas	92.7	CP	K224EC	IN	Sheridan	102.3	CP	W272CZ
CA	Moreno Valley	106.7	CP	K294CF	IA	Amana	90.1	K209BQ	K211FX
CA	New Auberry	100.5	CP	K263BH	IA	Des Moines	104.7	CP	K284BZ
CA	Oakland	107.3	KLVS-1	KLVS-FM1	IA	Muscatine	106.9	CP	K295CA
CA	Paradise	102.5	CP	K273CI	IA	Storm Lake	99.9	K207EV	K260BS
CA	Portola	94.1	CP	K231CC	KS	Dodge City	94.7	CP	K234CG
CA	San Francisco	104.1	CP	K281BU	KS	Kansas City	100.3	CP	K262CF
CA	Santa Barbara	103.9	CP	K280FV	KS	Wellington	100.1	CP	K261EE
CA	Santa Clarita	96.3	KXOL-1	KXOL-FM1	KY	Elizabethtown	92.9	CP	W225BS
CA	Santa Rosa	100.3	CP	K262CG	KY	Masonville	99.1	CP	W256CF
CA	Solimar Beach	96.5	CP	K243BV	KY	Mayfield	102.5	CP	W273CH
CA	Solimar Beach	104.9	CP	K285GO	KY	Morrill	104.3	CP	W282BV
CA	South Lake Tahoe	91.3	KNIS-1	KNIS-FM1	KY	Pritchardsville	98.1	CP	W251BT
CA	Summerland	102.7	CP	K274CJ	KY	Tunnel Hills	92.1	CP	W221CV
CA	Summerland	105.9	CP	K290CB	ME	Bangor	98.3	CP	W252CT
CA	Sutter Creek	99.7	CP	K259CG	ME	Portland	105.5	CP	W288CU
CA	Yreka	95.9	CP	K240EJ	ME	Waterville	99.7	CP	W259BY
CO	Aspen	93.1	CP	K226BU	MD	Baltimore	96.7	CP	W244DA
CO	Basalt	93.1	CP	K226BW	MA	Needham	96.5	CP	W243DC
CO	Breckenridge	103.9	CP	K280FU	MA	Pittsfield	97.9	CP	W250BV
CO	Colorado Springs	93.3	CP	K227CE	MA	Pittsfield	103.3	CP	W277CJ
CO	Commerce City	101.5	KJHM-6	KJHM-FM6	MI	Battle Creek	101.1	CP	W266CG
CO	Copper Mountain	89.1	K208FP	K206EM	MI	Big Rapids	96.3	CP	W242CH
CO	Craig	102.9	CP	K275BY	MI	Fennville	100.3	CP	W262CK
CO	Eagle	92.3	CP	K222CG	MI	Iron Mountain	95.9	CP	W240CQ
CO	Grand Junction	101.9	CP	K270BY	MI	Jackson	101.5	CP	W268CA
CO	Grand Junction	103.7	CP	K279CB	MI	Jackson	101.9	CP	W270CJ
CO	Grand Junction	103.9	CP	K280FT	MI	Yates	103.9	CP	W280EL
CO	Meeker	97.1	CP	K246BZ	MN	Houlton *	104.9	CP	W285EV
CO	Longmont	92.9	CP	K225BS	MN	Roseau	95.7	CP	K239BU
CO	Old Snowmass	93.1	CP	K226BV	MO	Bellefontaine	101.9	K268BF	K270BW
CO	Rifle	103.7	CP	K279BZ	MO	Cape Girardeau	106.9	CP	K295FB
CO	Trinidad	101.5	CP	K268CM	MO	Columbia	106.5	CP	K293BW
CO	Vail	100.3	CP	K262CD	MO	Festus	104.5	CP	K283CA
CO	Vail	103.7	CP	K279BY	MO	Mountain Grove	102.1	CP	K271CC
CO	Woodland Park	101.3	CP	K267BR	MO	Saint Louis	100.1	CP	K261ED
CT	Shelton	105.1	CP	W286CL	MO	Saint Peters	102.1	CP	K271CB
FL	Apalachicola	88.9	W204CC	W205CQ	MO	Troy	103.7	CP	K279CA
FL	Bayshore Gardens	93.7	CP	W229BR	MO	Warsaw	93.9	CP	K230BI
FL	Key West	89.3	W220DF	W207CE	NV	Laughlin	99.3	CP	K257FM
FL	Lake Wales	107.7	CP	W299BQ	NV	Stateline	103.3	CP	K277CL
FL	Lakeland	107.9	CP	W300CL	NJ	Cherry Hill	103.7	CP	W279CN
FL	Orlando	93.1	CP	W226BT	NJ	Ewansville	107.7	CP	W299BR
FL	Orlando	93.3	CP	W227CP	NJ	Marlton	94.9	CP	W235BZ
FL	Port Charlotte	107.1	CP	W296CO	NJ	Millville	105.7	CP	W289BY
FL	Palm Coast	92.3	CP	W222BT	NJ	Palermo	101.3	CP	W267BP
FL	Palm Coast	103.5	CP	W278BP	NJ	Pomona	92.9	CP	W225BV
FL	St. Augustine	100.7	CP	W264CQ	NJ	Toms River	104.5	CP	W283BY
FL	Williston	103.1	CP	W276CQ	NJ	Trenton	104.1	CP	W281BI
GA	Athens	98.9	CP	W255CN	NJ	Vineland	94.9	CP	W235BY
GA	Athens	99.5	CP	W258CC	NM	Albuquerque	93.7	CP	K229CL
GA	Augusta-Richmond County				NY	Bath	106.5	CP	W293CE
		105.3	CP	W287CG	NY	Brooklyn	98.3	CP	W252CS
GA	Buford	92.5	W248AG	W249CK	NY	Cortland	107.1	CP	W296CK
GA	Elberton	99.5	CP	W258CC	NY	Durhamville	103.7	CP	W279CK
GA	Hillsdale	100.7	CP	W264CS	NY	Elmwood	93.9	CP	W230CD
GA	Macon	97.3	CP	W247BW	NY	Fort Greene	95.1	CP	W236CH
GA	Oakland Heights	99.3	CP	W257DA	NY	Groton	92.1	CP	W221CW
GA	Phelps	98.3	CP	W252CR	NY	Kingston	96.5	CP	W243DB
GA	Plainville	99.3	CP	W257DB	NY	Peekskill	95.9	CP	W240CR
HI	Kilauea	89.9	KIPL-1	KIPL-FM1	NY	Queens	101.5	CP	W268BY
HI	Lihue	90.3	K209FK	K212GE	NY	Rome	92.3	CP	W222BT
HI	Waimea	95.7	CP	K239BV		then . . .		W222BT	W222BU
HI	Waimea	104.9	CP	K285GN	NY	Southampton	94.1	CP	W231CM
ID	Coeur D'Alene	107.5	CP	K298BQ	NC	Blowing Rock	99.7	CP	W259BZ



NC	Brevard	94.9	CP	W235CA	TX	Cotulla	105.7	CP	KECL
NC	Canton	97.3	CP	W247BV	TX	Dalhart	93.3	CP	K227CF
NC	Charlotte	93.9	CP	W230CE	TX	Fairbanks	98.7	CP	K254BZ
NC	Clyde	98.1	CP	W251BW	TX	Garland	101.5	CP	K268CL
NC	Elizabeth City	91.7	W217BQ	W219DN	TX	Henderson	97.3	CP	K247BR
NC	Fayetteville	102.9	CP	W275BW	TX	Kingsville	93.5	CP	K228FC
NC	Greensboro	92.7	CP	W224CO	TX	Lindale	97.5	CP	K248CC
NC	Hickory	100.9	CP	W265CT	TX	Luling	107.9	CP	K300CM
NC	West Asheville	99.5	CP	W258CA	TX	Pleasanton	107.1	CP	K296GK
NC	Wilkesboro	100.1	CP	W261CG	TX	Seguin	105.9	CP	K290CC
OH	East Liverpool	97.7	CP	W249CR	TX	Spearman	93.1	CP	K226BX
OH	Lawrenceville	101.9	CP	W270CI	TX	Victoria	88.9	K282AR	K205FR
OH	Newark	104.7	CP	W284CH	TX	Waco	95.1	CP	K236BR
OH	Newark	107.7	CP	W299BP	UT	Cedar City	93.7	KPLD-1	KPLD-FM1
OH	Youngstown	100.5	CP	W263CL	UT	Cedar City	99.1	CP	K256CD
OK	Lawton	93.7	CP	K229CH	UT	Milford	98.7	CP	K254BX
OK	Shawnee	94.3	CP	K232ET	UT	Milford	101.9	CP	K270BX
OK	Shawnee	105.1	CP	K286BZ	UT	Milford	102.9	CP	K275BZ
OK	Stillwater	99.7	CP	K259CH	UT	Milford	106.3	CP	K292GM
OK	Stillwater	100.1	CP	K261EC	VT	Barre	97.9	CP	W250BU
OR	Albany	92.3	CP	K222CF	VT	Brattleboro	100.3	CP	W262CL
OR	Klamath Falls	101.7	CP	K269GC	VA	Blacksburg	98.5	W273AA	W253BH
OR	Roseburg	100.7	CP	K264BR	VA	Suffolk	96.5	CP	W243DD
PA	Beaver	97.9	CP	W250BT	VA	Winchester	102.9	CP	W275BV
PA	Colmar	97.1	CP	W246CN	WA	Deer Park	100.3	CP	K262CE
PA	Harleysville	104.9	CP	W285EW	WA	Kennewick South	94.1	CP	K231CB
PA	Irwin	92.1	CP	W221CX	WA	Mount Vernon	107.3	K206CU	K297BH
PA	Pottstown	103.5	CP	W278BR	WA	Olympia	107.3	CP	K297BK
PA	Reading	107.1	CP	W296CL	WA	Spokane	93.3	CP	K227CD
PA	York	99.7	W214AC	W259BU	WA	Tumwater	95.3	CP	K237FR
PR	Aguadilla	106.7	CP	W294BR	WV	Colliers	94.9	CP	W235BX
SC	Stallsville	107.1	CP	W296CN	WV	Martinsburg	98.7	CP	W254CA
SD	Spearfish	99.1	CP	K256BZ	WI	Appleton	107.9	CP	W300CM
TN	Bristol	105.7	CP	W289BZ	WI	Eau Claire	105.1	CP	W286CK
TN	Chestnut Ridge	95.3	CP	W237DY	WI	Manitowoc	103.5	CP	W278BQ
TN	Dickson	99.1	CP	W256CG	WI	Port Washington	105.1	CP	W286CO
TN	Double Springs	97.1	CP	W246CM	WI	Racine	98.1	CP	W251BU
TN	Double Springs	107.9	CP	W300CK	WI	Shorewood	100.7	CP	W264CT
TN	East Union	100.1	CP	W261CF	WY	Teton County	107.1	CP	K296GL
TN	Gallatin	100.7	CP	W264CR					
TN	Nashville	94.9	CP	W235BW	*	- Houlton is actually in Wisconsin, but all paperwork indicates "MN"; also the transmitter is in Minnesota			
TN	Bellevue	105.1	CP	W286CN					

— FORMAT AND SLOGAN CHANGES —  
— Full Power and LP Facilities —

AL	Eutaw	104.3	WWPG	>	Black Gospel	
AL	Gardendale	97.3	WMJJ	>	Soft AC: <i>Easy 97.3</i> [one source claims new calls WEZZ are being used]	
AL	Muscle Shoals	105.5	WVNA-FM	>	Rock: <i>Rock 105.5 The Big Dog</i>	
AZ	Apache Junction	90.7	KVIT		Changes slogan to <i>90.7 The Pulse</i>	
AR	Hot Springs	105.9	KLAZ		Changes slogan to <i>Hot Springs' #1 Hit Music Station</i>	
AR	Ozark	96.7	KCYT	>	Rhythmic CHR	
CA	Campo	96.1	KSIQ	>	Christian CHR/Rock: <i>Air One</i> [Air One]	
CA	Palm Desert	103.1	KEZN	>	Adult Contemporary: <i>EZ-103</i>	
CA	Ridgecrest	93.7	KKYT	>	Classic Rock	
CO	Gunnison	88.7	KGNI		Signs on with Adult Alternative/ News-Talk: <i>KBUT Community Radio</i> (NPR)	
CO	Rock Creek Park	101.7	KXCL	>	Religious Teaching and adds slogan <i>89.7 Grace FM</i>	
FL	Edgewater	95.1	WLGm-LP		Returns to the air with Religious Teaching	
FL	Key West	91.9	WKWJ		Signs on with Contemporary Christian/Religious Teaching: <i>The Cornerstone</i>	
FL	Big Pine Key	95.7	WHNJ		Signs on with Religious Teaching	
GA	Augusta	102.3	WZNY	>	Classic Rock: <i>Eagle 102.3</i>	
GA	Augusta	105.7	WEKL	>	Country: <i>G 105.7</i>	
GA	Donaldsonville	106.3	WGmk	>	Classic Rock [Cumulus - Classic Rock]	
GU	Agana	90.1	KKGU		Signs on with Ethnic (Chamoru)	
HI	Wailuku	91.7	KMNO		Signs on with Ethnic: <i>Mana'o Radio</i>	
ID	Caldwell	103.5	KSAS-FM		Changes slogan to <i>103.5 Kiss FM</i> [after changing frequency from 103.3]	
ID	Moscow	90.3	KRFP		Signs on with a Variety format: <i>Radio Free Moscow</i>	
ID	Moscow	106.1	KZFN		Adds network: QuickHitz	
ID	Twin Falls	96.5	KLIX-FM		Changes slogan to <i>Kool Superhits 96.5</i>	
IL	Altamont	105.5	WJkg		Reported to be on with an undetermined format [can anyone in the Effingham area help out with this?]	
IL	Lexington	99.5	WZIM	>	AC: <i>Magic 99.5</i>	
IL	Metropolis	98.3	WJLI	>	Classic Rock, remaining <i>Jelli 98.3</i>	
IN	Marion	106.9	WXXC	>	Hot AC: <i>Star 106.9</i>	
IN	Morristown	91.3	WWQI		Signs on with Religious Teaching	
IN	Rensselaer	97.7	WLQI	>	Classic Rock: <i>The Q 97.7</i>	
LA	Bastrop	88.3	KJGM		Returns to the air with Religious Teaching: <i>The SONLIFE Radio Network</i>	
LA	Maurice	106.3	KYMK-FM		Returns to the air with AAA: <i>106.3 Radio Lafayette</i>	
ME	Kennebunkport	88.3	WMEK		Returns to the air with Religious Teaching	

ME	Scarborough	106.3	WHXR	> Rock: <i>Rock 106.3</i>	
MA	Barnstable	99.9	WQRC	> Hot AC	
MI	Dearborn	100.3	WNIC	Changes slogan to <i>100.3 WNIC</i>	
MN	Pillager	95.9	WWWI-FM	> Classic Rock: <i>Wings 95.9</i>	
MS	Sumrall	93.1	WGDQ	Adds slogan: <i>93.1 WGDQ</i>	
MO	Windsor	98.5	KWKJ	Adds slogan: <i>The Bar 98.5</i>	
MT	Darby	107.9	KHDV	> Oldies: <i>107.9 The Drive</i>	
NV	Fallon	89.9	KQNV	Returns to the air with Classical: <i>The Mozart Flyer</i>	
NJ	Camden	106.9	WWIQ	> Contemporary Christian: <i>K-Love</i>	
NJ	Cherry Hill	89.5	WYPA	> Christian CHR/Rock: <i>Air One</i>	
NM	Carlsbad	106.1	KPZE-FM	Changes slogan to <i>Fierro 106.1 FM</i> and changes primary network to Westwood One - Fierro	
NY	Mt. Kisco	106.3	WFME	> Ethnic: <i>MHz WorldView</i>	
NC	Wilmington	91.3	WHQR	> News/Talk/Classical	
OH	Akron	97.5	WONE-FM	> Classic Rock	
OH	Ashtabula	97.1	WREO-FM	> Hot AC: <i>Mix 97.1</i>	
OH	Wilberforce	88.9	WCSU-FM	Changes slogan to <i>WCSU 88.9 - For The Jazz In You</i>	
OK	Chickasha	90.5	KFXU	Adds network: Westwood One - Standards	
OK	Hobart	105.9	KQTZ	Adds network: Westwood One - Hot AC	
OR	Astoria	90.5	KGIO	Returns to the air with Spanish Contemporary Christian: <i>La Estacion De La Familia</i> [La Estacion de la Familia]	
OR	Lees Camp	88.7	KTFH	Returns to the air with a Variety format: <i>Radio 23</i>	
OR	Welches	90.3	KZRI	> Spanish Religious: <i>Radio Nueva Vida</i>	
PA	Kulpmont	90.5	WFBA	Signs on with Southern Gospel	
SC	Aiken	89.1	WLJK	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Beaufort	89.9	WJWJ-FM	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Charleston	89.3	WSCI	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Columbia	91.3	WLTR	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Greenville	90.1	WEPR	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Kingstree	94.1	WRZE	> Urban AC: <i>Swagga 94.1 &amp; 105.9 // WWRK-970 Florence</i>	
SC	Rock Hill	88.9	WNSC-FM	Changes slogan to <i>South Carolina ETV Radio</i>	
SC	Sumter	88.1	WRJA-FM	Changes slogan to <i>South Carolina ETV Radio</i>	
SD	Sioux Falls	92.5	KTWB	> Country: <i>Big Country 92.5</i>	
SD	Sioux Falls	101.9	KELO-FM	> Adult Contemporary: <i>Lite 101.9</i>	
SD	Hot Springs	96.7	KZMX-FM	Returns to the air with Classic Country	
TN	Friendsville	99.1	WNML-FM	Changes network to CBS Sports	
TX	Channing	105.1	KAMT	Signs on with an undetermined format [can anyone in the Panhandle help out with this?]	
TX	Eastland	91.1	KQXE	Returns to the air with Oldies: <i>QX FM</i>	
TX	Houston	91.7	KUHA	Adds network: Classical 24	
TX	Hunt	99.9	KLKV	Returns to the air with Contemporary Christian: K-Love	
TX	Mason	101.7	KZZM	Returns to the air with Classic Rock	
TX	Mason	102.5	KHLB	Returns to the air with Country	
TX	Smiley	90.3	KSXT	Adds slogan: <i>Radio Oasis</i>	
TX	Snyder	89.9	KTPR	Returns to the air with News/Talk: <i>Texas Public Radio</i> [National Public Radio]	
VT	Hartford	104.3	WMVY	Signs on with an undetermined format [can anyone in the Green Mountain State help out with this?]	
VA	Gretna	106.3	WMNA-FM	> Talk: <i>Lynchburg's Talk Station WIQO FM 100.9</i>	
VA	Shawsville	102.5	WBZS	Signs on with Talk: <i>Lynchburg's Talk Station WIQO FM 100.9</i>	
WA	Castle Rock	107.1	KRQT	Adds network: Westwood One - Classic Rock	
WA	Clarkston	88.1	KUCC	Adds slogan: <i>Twin River Christian Radio</i>	
WA	Kelso	94.5	KLYK	Adds network: Cumulus - Today's Best Hits	
WA	Pullman	89.9	KJEM	Signs on with Jazz: <i>KJEM 89.9FM</i>	
WA	Pullman	99.5	KZZL-FM	Adds network: Westwood One - Mainstream Country	
WV	Glenville	107.7	WVRW	Returns to the air with Oldies: <i>True Oldies Channel</i> [Cumulus - True Oldies]	
WV	Vienna	103.9	WNRJ	> Hot AC	
WI	Washburn	104.7	WHWA	Signs on with News/Classical [Wisconsin Public Radio]	
— Translators —					
SC	Darlington	105.9	W290CD	> Urban AC: <i>Swagga 94.1 &amp; 105.9 // WRZE 94.1 and WWRK-970 Kingstree</i>	
TX	Commerce	105.9	K290AP	> Country: <i>Friendly 1-0-5-9 and AM 1400 // WGVL-1400 Greenville</i>	

— NEW TRANSLATOR STATION AFFILIATIONS —

			<u>Power (Watts)</u>	<u>Will Relay:</u>	
AL	Clubview Heights	97.7	W249CP	8	WAYU 91.1 Steele
AL	Gadsden	98.1	W251BV	10	WLJS-FM 91.9 Jacksonville
AL	Leeds	92.7	W224CN	10 DA (Circular w/null @ 105°)	WGIB 91.9 Birmingham
AL	Smyrna	107.1	W296CM	10	WAYT 88.1 Thomasville, Georgia
AK	Iliamna	94.3	K232EV	250-H	KIAM-FM 91.9 North Nenana
AK	Kalskag	94.3	K232EU	250-H	KIAM-FM 91.9 North Nenana
AZ	Chandler	94.9	K235CB	20 DA (035° & 170°)	KRPB 99.5 Morristown
AZ	Lake Havasu City	94.3	K232EI	250 DA (235°)	KNTR-980 Lake Havasu City (Radio Assist Ministry)
AZ	Show Low	107.9	K300CL	152 DA (Circular w/nulls at 040° and 200°)	KVSL-1450 Show Low
AR	Paragould	97.9	K250BH	205	KJLV 105.3 Hoxie, which relays KLVR 91.9 Middletown, California (EMF)
CA	Apple Valley	96.9	K245BS	54-V DA (110°)	KXRD 89.5 Victorville
CA	Calistoga	99.9	K260BV	2.9-H DA (135°)	KYCC 90.1 Stockton

CA Culver City	98.3	K252FK	13 DA (170°)	KCAQ 104.7 Oxnard
CA Dos Palmas Corners	107.9	K300CN	15 DA (330°)	KUNA-FM 96.7 La Quinta
CA Graeagle	98.7	K254BY	10-V DA (250°)	KQNC 88.1 Quincy, which relays KXJZ 90.9 Sacramento
CA Isla Vista	104.1	K281BV	250-H DA (090°)	KTYD 99.9 Santa Barbara
CA Lagunitas	92.7	K224EC	1-V DA (240°)	KWMR Point Reyes Station
CA Moreno Valley	106.7	K294CF	35-H DA (360°)	KCAA-1050 Loma Linda
CA New Auberry	100.5	K263BH	10-V DA (275°)	KQKL 88.5 Selma, which relays KLVR 91.9 Middletown
CA Paradise	102.5	K273CI	10	KPJP 89.3 Greenville which relays KSMH-1620 West Sacramento
CA Portola	94.1	K231CC	1	KPJP 89.3 Greenville
CA San Francisco	104.1	K281BU	10 DA (165° & 345°)	KLVS 107.3 Livermore, which relays KLVR 91.9 Middletown
CA Santa Barbara	103.9	K280FV	50 DA (090 )	KYGA 97.5 Goleta, which relays KLRD 90.1 Yucaipa [EMF]
CA Santa Rosa	100.3	K262CG	50-V DA (050°)	KZST 100.1 Santa Rosa
CA Solimar Beach	96.5	K243BV	120	KVTA-1590 Ventura
CA Solimar Beach	104.9	K285GO	120	KFYV 105.5 Ojai
CA Summerland	102.7	K274CJ	250	KFYV 105.5 Ojai
CA Summerland	105.9	K290CB	250	KVTA-1590 Ventura
CA Sutter Creek	99.7	K259CG	150	KCFA 106.1 Arnold
CA Yreka	95.9	K240EJ	10	KYSF 102.9 Bonanza, Oregon, which relays KLVR 91.9 Middletown
CO Aspen	93.1	K226BU	9-H DA (230°)	KSNO-FM 103.9 Snowmass Village
CO Basalt	93.1	K226BW	10 DA (025°)	KMGJ 93.1 Grand Junction
CO Breckenridge	103.9	K280FU	23	KLDV 91.1 Morrison, which relays KLVR 91.9 Middletown, California
CO Colorado Springs	93.3	K227CE	230	KRWA 90.9 Rye
CO Craig	102.9	K275BY	250-V	KAYW 98.1 Meeker
CO Craig	106.1	K291CA	250-V	KZKS 105.3 Rifle
CO Eagle	92.3	K222CG	20-V DA (210°)	KZYR 97.7 Avon
CO Golden	101.5	K268CK	2 DA (360°)	KLDV 91.1 Morrison, which relays KLVR 91.9 Middletown, California
CO Grand Junction	101.9	K270BY	250-V DA (008°)	KZKS 105.3 Rifle
CO Grand Junction	103.7	K279CB	99 DA (040°)	KLFV 90.3 Grand Junction, which relays KLVR 91.9 Middletown, California
CO Grand Junction	103.9	K280FT	99-H DA (030°)	KTMH 89.9 Montrose, which relays KTLF 90.5 Colorado Springs
CO Longmont	92.9	K225BS	25	KTLF 90.5 Colorado Springs
CO Masonville	104.7	K284BY	10-V DA (110°)	KGCO 88.3 Fort Collins
CO Meeker	97.1	K246BZ	250-V DA (270°)	KAYW 98.1 Meeker
CO Old Snowmass	93.1	K226BV	10-H DA (040°)	KSNO-FM 103.9 Snowmass Village
CO Rifle	103.7	K279BZ	125-V (060°)	KMTS 99.1 Glenwood Springs
CO Trinidad	101.5	K268CM	11	KTPL 88.3 Pueblo, which relays KTLF 90.5 Colorado Springs
CO Vail	100.3	K262CD	1	KLRY 91.3 Gypsum, which relays KLVR 91.9 Middletown, California
CO Vail	103.7	K279BY	10 DA (330°)	KZKS 105.3 Rifle
CO Woodland Park	101.3	K267BR	95	KTLF 90.5 Colorado Springs
CT Shelton	105.1	W286CL	10	WMNR 88.1 Monroe
FL Bayshore Gardens	93.7	W229BR	99	WSRZ 107.9 Coral Cove
FL Lake Wales	107.7	W299BQ	55	WJIS 88.1 Bradenton
FL Lakeland	107.9	W300CL	55	WPOZ 88.3 Union Park
FL Orlando	93.1	W226BT	250-V	WRSO-810 Orlovista
FL Orlando	93.3	W227CP	38	WPIO 89.3 Titusville
FL Palm Coast	92.3	W222BT	38	WAYL 91.9 St. Augustine
FL Palm Coast	103.5	W278BP	99	WHYZ 91.1 Palm Coast
FL Port Charlotte	107.1	W296CO	250	WJIS 88.1 Bradenton
FL St. Augustine	100.7	W264CQ	55	WCRJ 88.1 Jacksonville
FL Williston	103.1	W276CQ	27	WHIJ 88.1 Ocala
GA Athens	98.9	W255CN	60	WGAU-1340 Athens
GA Athens	99.5	W258CC	9	WRAF 90.9 Toccoa Falls
GA Augusta-Richmond County	105.3	W287CG	54	WBBQ-FM 104.3 Augusta
GA Hillsdale	100.7	W264CS	10	WAYT 88.1 Thomasville
GA Macon	97.3	W247BW	250	WQBZ 106.3 Fort Valley
GA Oakland Heights	99.3	W257DA	10	WRDA 105.7 Canton
GA Phelps	98.3	W252CR	10	KJWA 89.7 Trinidad, Colorado, which relays KRWA 90.9 Rye, Colorado, which relays KXGR 89.7 Loveland, Colorado
GA Plainville	99.3	W257DB	10	WLOJ-LP 102.9 Calhoun
HI Waimea	95.7	K239BV	10	KANO 91.1 Hilo, which relays KHPR 88.1 Honolulu
HI Waimea	104.9	K285GN	10	KIPM 89.7 Waikapu, which relays KIPO 89.3 Honolulu
ID Coeur D'Alene	107.5	K298BQ	250	KTSL 101.9 Medical Lake, Washington, which relays KLRD 90.1 Yucaipa, California
ID Soda Springs	103.5	K278BY	40 DA (090°)	KBRV-800 Soda Springs
IL Atlanta	98.3	W252CQ	120	WLWJ 88.1 Petersburg
IL Bolingbrook	95.1	W236CG	16	WHLP 89.9 Hanna
IL Carbondale	98.7	W254BZ	120	KGMO 100.7 Cape Girardeau, Missouri
IL Chicago	103.9	W280EM	8	WTZI 88.1 Rosemont
IL Homewood	95.1	W236CF	11	WHLP 89.9 Hanna
IL Mascoutah	97.3	W247BU	27	WOLG 95.9 Carlinville, which relates WRYT-1080 Edwardsville
IL Mount Vernon	103.7	W279CM	250 DA (135°)	WBMV 89.7 Mount Vernon
IL Rockford	103.9	W280EN	250	WWHG 105.9 Evansville, Wisconsin

IL Sandwich	94.5	W233BW	120	WSOG 88.1 Spring Valley
IN Anderson	103.7	W279CL	38	WSPM 89.1 Cloverdale, which relays WIRE 91.1 Lebanon
IN Cannelton	93.3	W227CO	250 DA (circular w/ nulls at 35° and 100°)	WCJZ 105.7 Cannelton
IN Cofax	97.7	W249CQ	7	WFRR 93.7 Walton
IN Gary	94.3	W232CK	12	WFRN-FM 104.7 Elkhart
IN Lafayette	96.9	W245CD	250	WSHW 99.7 Frankfort
IN Lafayette	105.9	W290CM	250	WSHW 99.7 Frankfort
IN Lebanon	96.1	W241BW	19	WFRR 93.7 Walton
IN Lebanon	106.5	W293CF	27	WSPM Cloverdale, which relays WIRE 91.1 Lebanon
IN Noblesville	105.1	W286CM	40 DA (330°)	WSHW 99.7 Frankfort
IN Sheridan	102.3	W272CZ	55	WFRR 93.7 Walton
IA Des Moines	104.7	K284BZ	10-V DA (330°)	KLOV 89.3 Winchester, Oregon
IA Muscatine	106.9	K295CA	250	WLLR-FM 103.7 Davenport
KS Arkansas City	103.3	K277CK	250	KARF 91.5 Independence
KS Dodge City	94.7	K234CG	250	KODC-LP 102.1 Dodge City
KS Kansas City	100.3	K262CF	16	KLRX 97.3 Lee's Summit
KS Wellington	100.1	K261EE	205 DA (090° & 270°)	KCVW 94.3 Kingman, which relays KSIV-FM St. Louis, Missouri
KS Wichita	102.9	K275BX	15	KTLI 99.1 El Dorado
KY Elizabethtown	92.9	W225BS	80	WQXE 98.3 Elizabethtown
KY Masonville	99.1	W256CF	10	KJWA 89.7 Trinidad, Colorado, which relays KRWA 90.9 Rye, Colorado, which relays KXGR 89.7 Loveland, Colorado
KY Mayfield	102.5	W273CH	10	WAYQ 88.1 Clarksville, Tennessee which relays WAYM 88.7 Spring Hill, Tennessee
KY Morrill	104.3	W282BV	10	WWAG 107.9 McKee
KY Pritchardsville	98.1	W251BT	10	WAYD 88.1 Auburn, which relays WAYM 88.7 Spring Hill, Tennessee
KY Tunnel Hills	92.1	W221CV	250	WTHX 101.5 Vine Grove
ME Bangor	98.3	W252CT	250 DA (circular w/ slight null from 100° to 170°)	WZON-620 Bangor
ME Portland	105.5	W288CU	19	WMGX 93.1 Portland
ME Waterville	99.7	W259BY	19	WERU-FM 89.9 Blue Hill
MA Needham	96.5	W243DC	10	WXRV 92.5 Andover
MA Pittsfield	97.9	W250BV	10	WFCR 88.5 Amherst
MA Pittsfield	103.3	W277CJ	50 DA (030°)	WUPE-FM 100.1 North Adams
MD Baltimore	96.7	W244DA	10 DA (240°)	WRSM 89.1 Rising Sun
MD Glen Burnie	92.9	W225BT	19 DA (circular w/null at 040°)	WPOC 93.1 Baltimore
MI Battle Creek	101.1	W266CG	250	WBFN-1400 Battle Creek
MI Big Rapids	96.3	W242CH	10	WYBR 102.3 Big Rapids
MI Fennville	100.3	W262CK	80-V	WOFR 89.5 Schoolcraft
MI Iron Mountain	95.9	W240CQ	15	WNLI 88.5 Sturgeon Bay, Wisconsin
MI Jackson	101.5	W268CA	250	WIBM-1450 Jackson
MI Jackson	101.9	W270CJ	250	WKHM-970 Jackson
MI Yates	103.9	W280EL	10	WHYT 88.1 Goodland Township
MN Houlton	104.9	W285EV	250	KQQL 107.9 Anoka
MN Roseau	95.7	K239BU	225	KRXW 103.5 Roseau
MO Cape Girardeau	106.9	K295FB	200	WIMB 89.1 Murphysboro
MO Columbia	106.5	K293BW	24 DA (circular w/ slight null at 090°)	KPLA 101.5 Columbia
MO Festus	104.5	K283CA	88	KGNA-FM 89.9 Arnold, which relays KGNV 89.9 Washington
MO Mountain Grove	102.1	K271CC	75	KWND 88.3 Springfield
MO Saint Louis	100.1	K261ED	130	KMJM-FM 100.3 Bridgeton
MO Saint Peters	102.1	K271CB	250 DA (Circular w/null @ 345°)	KWRE-730 Warrenton
MO Troy	103.7	K279CA	250	WOLG 95.9 Carlinville, Illinois
MO Warsaw	93.9	K230BI	250	KCRL 90.3 Sunrise Beach
NV Laughlin	99.3	K257FM	250-V DA (190°)	KZZZ-1490 Bullhead City, Arizona
NV Stateline	103.3	K277CL	1	KLRH 88.3 Sparks which relays KLVR 91.9 Middletown, California
NJ Cherry Hill	103.7	W279CN	9 DA (360°)	WXHL-FM 89.1 Christiana, Delaware
NJ Ewansville	107.7	W299BR	250 DA (055°)	WRDR 89.7 Freehold Township
NJ Marlton	94.9	W235BZ	10	WVBV 90.5 Medford Lakes
NJ Manahawkin	100.9	W265CS	250	WJPH 89.9 Woodbine
NJ Millville	105.7	W289BY	170	WJPH 89.9 Woodbine
NJ Palermo	101.3	W267BP	250	WIBG-1020 Ocean City/Somers Point
NJ Pomona	92.9	W225BV	80	WYRS 90.7 Manahawkin
NJ Toms River	104.5	W283BY	55 DA (095°)	WVBH 88.3 Beach Haven West, which relays WXHL-FM 89.1 Christiana, Delaware
NJ Trenton	104.1	W281BI	250-V DA (130°)	WRFF 104.5 Philadelphia
NJ Vineland	94.9	W235BY	100	WDSO 94.7 Dover
NM Albuquerque	93.7	K229CL	10	KDSK-FM 92.7 Grants
NY Bath	106.5	W293CE	10	WZXV 99.7 Palmyra
NY Brooklyn	98.3	W252CS	10 DA (320°)	WVIP 93.5 New Rochelle
NY Cortland	107.1	W296CK	27-V DA (130°)	WZXV 99.7 Palmyra
NY Durhamville	103.7	W279CK	100	WMVN 100.3 Sylan
NY Elmwood	93.9	W230CD	250 DA (300°)	WOLF-1400 Syracuse
NY Fort Greene	95.1	W236CH	10-V DA (180°)	WJUX 99.7 Monticello, which relays WRDR 89.7 Freehold Township, New Jersey
NY Groton	92.1	W221CW	10-V (240°)	WZXV 99.7 Palmyra
NY Kingston	96.5	W243DB	90 DA (320°)	WPKF 96.1 Poughkeepsie



NY Peekskill	95.9	W240CR	10	WOSR 91.7 Middletown
NY Rome	92.3	W222BU	120-V DA (310°)	WRVO 89.9 Oswego
NY Queens	101.5	W268BY	38 DA (010°)	WVIP 93.5 New Rochelle
NY Southampton	94.1	W231CM	250 DA (255°)	WALK-FM 97.5 Patchogue
NC Brevard	94.9	W235CA	10	WTBI-FM 91.5 Greenville, South Carolina
NC Blowing Rock	99.7	W259BZ	10	WLFJ-FM 89.3 Greenville, South Carolina
NC Canton	97.3	W247BV	15 DA (circular w/ deep null @ 150°)	WISE-1310 Asheville
NC Charlotte	93.9	W230CE	38	WWLV 94.1 Lexington
NC Charlotte	94.7	W234BY	10	WWLV 94.1 Lexington
NC Clyde	98.1	W251BW	5 DA (320°)	WRAF 90.9 Toccoa Falls, Georgia
NC Fayetteville	102.9	W275BW	19	WZRI 89.3 Spring Lake, which relays KLRD 90.1 Yucaipa, California
NC Greensboro	92.7	W224CO	95 DA (circular w/ slight null @ 140°)	WWLV 94.1 Lexington
NC Hickory	100.9	W265CT	55	WLFJ-FM 89.3 Greenville, South Carolina
NC West Asheville	99.5	W258CA	10	WLFJ-FM 89.3 Greenville, South Carolina
NC Wilkesboro	100.1	W261CG	10	WETS-FM 89.5 Johnson City, Tennessee
OH East Liverpool	95.3	W237DX	250	WKSU-FM 89.7 Kent
OH East Liverpool	97.7	W249CR	15	WKWK-FM 97.3 Wheeling, West Virginia
OH Lawrenceville	101.9	W270CI	10	WAIF 88.3 Cincinnati
OH Newark	104.7	W284CH	19	WNZR 90.9 Mount Vernon
OH Newark	107.7	W299BP	250	WNCI 97.9 Columbus
OH Youngstown	100.5	W263CL	250 DA (140° to 300°)	WNCD 93.3 Youngstown
OK Lawton	93.7	K229CH	250	KYCU 89.1 Clinton, which relays KCCU 89.3 Lawton
OK Shawnee	94.3	K232ET	99	KLVV 88.7 Ponca City
OK Shawnee	105.1	K286BZ	170	KGOU 106.3 Norman
OK Stillwater	99.7	K259CH	250 DA (280°)	KQCV-FM 95.1 Shawnee
OK Stillwater	100.1	K261EC	115	KLVV 88.7 Ponca City
OR Albany	92.3	K222CF	250	KCSH 88.9 Ellensburg, Washington
OR Klamath Falls	101.7	K269GC	10 DA (circular w/ slight null @ 155°)	KDOV 91.7 Medford
OR Roseburg	100.7	K264BR	250	KSKR-FM 100.9 Sutherlin
PA Beaver	97.9	W250BT	10	WRWJ 88.1 Murraysville
PA Colmar	97.1	W246CN	38 DA (165° & 345°)	WBYO 88.9 Sellersville
PA Gettysburg	95.1	W236CE	7	WRBT 94.9 Harrisburg
PA Harleysville	104.9	W285EW	10 DA (circular w/ null @ 255°)	WBYO 88.9 Sellersville
PA Irwin	92.1	W221CX	15	WKHB-620 Irwin
PA Pottstown	103.5	W278BR	200 DA (155° & 335°)	WPAZ-1370 Pottstown
PA Reading	107.1	W296CL	99	WVIA-FM 89.9 Scranton
PR Aguadilla	106.7	W294BR	50-V DA (kidney- shaped w/nulls @ 070° and 250°)	WIDI 99.5 Quebradillas
SC Stallville	107.1	W296CN	10	WMGL 107.3 Ravenel
SD Spearfish	99.1	K256BZ	10	KASD 90.3 Rapid City
TN Bellevue	105.1	W286CN	20	WMOT 89.5 Murfreesboro
TN Bristol	105.7	W289BZ	250-V DA (040°)	WTFM 98.5 Kingsport
TN Chestnut Ridge	95.3	W237DY	10	WMOT 89.5 Murfreesboro
TN Dickson	99.1	W256CG	27	WLTD-LP 100.7 Dickson
TN Double Springs	97.1	W246CM	10	KJWA 89.7 Trinidad, Colorado, which relays KRWA 90.9 Rye, Colorado
TN Double Springs	107.9	W300CK	10 DA (220°)	which relays KXGR 89.7 Loveland, Colorado
TN East Union	100.1	W261CF	100	KJWA 89.7 Trinidad, Colorado, which relays KXGR 89.7 Loveland, Colorado
TN Gallatin	100.7	W264CR	10	WIGH 88.7 Jackson
TX Lindale	97.5	K248CC	170	WAYQ 88.3 Clarksville, which relays WAYM 88.7 Spring Hill
TN Nashville	94.9	W235BW	250 DA (020° to 170°)	KATG 88.1 Elkhart, which relays WAFR 88.3 Tupelo, Mississippi
TX Dalhart	93.3	K227CF	100	WQZQ-830 Goodlettsville
TX Fairbanks	98.7	K254BZ	75	KASV 88.7 Borger, which relays KJRT 88.3 Amarillo
TX Garland	101.5	K268CL	50 DA (circular w/ slight null at 310°)	KKHT-FM 100.7 Lumberton
TX Henderson	97.3	K247BR	250	KKXT 91.7 Dallas
TX Kingsville	93.5	K228FC	50	KXAL-LP 104.7 Chalk Hill Community
TX Luling	107.9	K300CM	250-H DA (345°)	KBNJ 91.7 Corpus Christi
TX Pleasanton	107.1	K296GK	250	KXTN-FM 107.5 San Antonio
TX Seguin	105.9	K290CC	250 DA (circular w/ slight null @ 030°)	KJMA 89.7 Floresville, which relays KLPF-1150 Midland
TX Spearman	93.1	K226BX	100	KJMA 89.7 Floresville, which relays KLPF-1150 Midland
TX Waco	95.1	K236BR	92	KASV 88.7 Borger, which relays KJRT 88.3 Amarillo
UT Cedar City	99.1	K256CD	10 DA (302°)	KYAR 98.3 Lorena
UT Milford	98.7	K254BX	10	KWUT 97.7 Elsinore
UT Milford	101.9	K270BX	10	KZHK 95.9 St. George
UT Milford	102.9	K275BZ	10	KWUT 97.7 Elsinore
UT Milford	106.3	K292GM	10	KWUT 97.7 Elsinore
VT Barre	97.9	W250BU	10	KUTC 93.7 Mount Pleasant
VT Brattleboro	100.3	W262CL	105 DA (150°)	WVPS 107.9 Burlington
VA Blackstone	93.9	W230BW	99	WKVT-1490 Brattleboro
VA Suffolk	96.5	W243DD	80	WKLK-1440 Blackstone
				WWIP 89.1 Cheriton

VA Winchester	102.9	W275BV	250 DA (125°)	WXVA-610 Winchester
WA Deer Park	100.3	K262CE	5-V DA (200°)	KYRS 88.1 Medical Lake
WA Kennewick South	94.1	K231CB	19-V DA (005°)	KRKG-FM 93.7 Pasco
WA Olympia	107.3	K297BK	20	KUOW-FM 94.9 Seattle
WA Spokane	93.3	K227CD	99	KKRS 97.3 Davenport
WA Tumwater	95.3	K237FR	250	KGY-FM 96.9 McCleary
WV Colliers	94.9	W235BX	56 DA (circular with a null at 200°)	WWSW-FM 94.5 Pittsburgh, Pennsylvania
WV Martinsburg	98.7	W254CA	10 DA (050° & 210°)	WZSQ 88.3 Chambersburg, Pennsylvania, which relays WBYO 88.9 Sellersville, Pennsylvania
WI Appleton	107.9	W300CM	250	WFON 107.1 Fond du Lac
WI Manitowoc	103.5	W278BQ	250	WPJP 100.1 Port Washington
WI Milwaukee	100.3	W262CJ	12 DA (150°)	WLVE 105.3 Mukwonago, which relays KLVR 91.9 Middletown, California
WI Port Washington	105.1	W286CO	55	WXER 104.5 Plymouth
WI Shorewood	100.7	W264CT	104 DA (360°)	WKKV-FM 100.7 Racine
WI Racine	98.1	W251BU	55	WPJP 100.1 Port Washington
WY Teton County	107.1	K296GL	10	KBYI 94.3 Rexburg

Note: Unless otherwise specified, the number after DA (Directional Antenna) is the direction where the ERP is at its maximum

— FM and AM SIMULCASTS —

Simulcasts:

AZ Lake Havasu City	94.3	K232EI	KNTR-980 Lake Havasu City
AZ Show Low	107.9	K300CL	KVSL-1450 Show Low
CA Greenville	89.3	KPJP	KSMH-1620 West Sacramento; also on K273CO 102.5 Paradise
CA Moreno Valley	106.7	K294CF	KCAA-1050 Loma Linda
CA Summerland	105.9	K290CB	KVTA-1590 Ventura
GA Athens	98.9	W255CN	WGAU-1340 Athens
ID Soda Springs	103.5	K278BY	KBRV-800 Soda Springs
ME Bangor	98.3	W252CT	WZON-620 Bangor
MI Battle Creek	101.1	W266CG	WBFN-1400 Battle Creek
MI Jackson	101.5	W268CA	WIBM-1450 Jackson
MI Jackson	101.9	W270CJ	WKHM-970 Jackson
NJ Palermo	101.3	W267BP	WIBG-1020 Ocean City/Somers Point
PA Pottstown	103.5	W278BR	WPAZ-1370 Pottstown
TX Commerce	105.9	K290AP	WGVN-1400 Greenville
TX Flower Mound	96.7	KTCK-FM	KTCK-1310 Dallas with Tahoe Sports
TX Pleasanton	89.7	KJMA	KLPF-1150 Midland; also on K296GK 107.1 Floresville
VT Brattleboro	100.3	W262CL	WKVT-1490 Brattleboro
VA Blackstone	93.9	W230BW	WKLV-1440 Blackstone
VA Winchester	102.9	W275BV	WXVA-610 Winchester

— APPLICATIONS FOR NEW TRANSLATOR STATIONS —

Power (Watts)      Will Relay:

AK Anchorage	100.1	APP	250	KSKA 91.1 Anchorage
AK Hope	100.1	APP	99-H DA (070°)	KRAW 90.5 Kasilof
AK Moose Pass	96.1	APP	250-H	KIBH-FM 91.7 Seward
AK Moose Pass	97.1	APP	250-H	KRAW 90.5 Kasilof
AK Primrose	95.5	APP	250-H	KWMD 90.1 Sterling
AK Seward	95.9	APP	250-H	KIBH-FM 91.7 Seward
CA Sacramento	99.7	APP	80 DA (255°)	KLVB 99.5 Citrus Heights, which relays KLVR 91.9 Middletown
CA Stockton	94.5	APP	10	KYMX 96.1 Sacramento
CA Tracy	94.5	APP	9	KVMR 89.5 Nevada City
ID Pocatello	93.3	APP	45 DA (090°)	KQEO 107.1 Idaho Falls
ID Pocatello	99.9	APP	13-V DA (090°)	KBLQ-FM 92.9 Logan, Utah
FL New Port Richey	102.5	APP	38 DA (90° & 250°)	WJHM 101.9 Daytona Beach
FL West Palm Beach	92.9	APP	99	WXXL 106.7 Tavares
KY Elizabethtown	92.9	APP	10-V DA (330°)	WTFX 93.1 Clarksville, Indiana
KY Morrill	105.9	APP	5	WYGE 92.3 London
NC Balsam	98.5	APP	10	WFQS 91.3 Franklin
NC Lumberton	103.9	APP	80	WSHA 88.9 Raleigh
NC Southern Pines	97.3	APP	13	WHQR 91.3 Wilmington
NC Wake Forest	98.3	APP	170	WLUS-FM 98.3 Clarksville
OH Athens	94.1	APP	13	WNTO 93.1 Racine
PA Selinsgrove	95.7	APP	230	WNKZ 103.9 Dushore
SC Atlantic Beach	95.5	APP	19	WLPG 91.7 Florence, which relays WLPE 91.7 Augusta, Georgia
TN Collegedale	98.5	APP	10	WSGM 104.7 Coalmont
TN Nashville	98.7	APP	80	WAMB-1200 Nashville
TX Hondo	103.7	APP	50	KZIC 89.9 Hondo
UT Fillmore/Delta	104.7	APP	10 DA (330°)	KWUT 97.7 Elsinore
UT Logan	93.7	APP	75-H DA (170°)	KDWY 105.3 Diamondville, Wyoming
VA Honaker	95.1	APP	10	WSTG 95.9 Princeton, West Virginia

Note: Unless otherwise specified, Directional Antenna (DA) numbers given are where the ERP is at its maximum

— OTHERNEWS —

AL Albertville	107.5	W298BG	City-of-License change from Blue Mountain at new transmitter location is now on the air
AL Lineville	90.5	WZEV	New Class A station signs on with 100 W/80 m at 33-17-55/85-41-24
AK Homer	89.9	KHGO	License cancelled; call deleted per licensee's request
AK Port Lions	92.1	-----	Allotment deleted for a Class C0 station
AK Yakutat	91.9	APP	Application submitted for new Class D 25 W-V at 56 m 'Full Service' FM

			station (Yakutat Tlingit Tribe)	
AZ	Eloy	91.1	KVNG	New Class C2 station signs on with 740 W/827 m DA (280°) at 32-43-07/111-24-00
AZ	Salome	101.9	KVGG	Is silent
AZ	Wellton	95.9	KUKY	Fined \$8000 for failure to maintain a Public Inspection File at its main studio
AR	Clarendon	104.1	KCON	New Class C3 station signs on with 25 kW/88 m at 34-37-24/91-24-39 [Clarendon is on US 79 about 60 miles east of Little Rock]
CA	Alturas	103.3	CP	CP granted for a new Class C station with 60 kW/618 m at 41-32-29/120-16-35
CA	Cartago	94.5	KWTY	Is silent
CA	Johannesburg	98.5	KGIL	CP granted for a new Class A station with 340 W/417 m DA (circular with a slight null at 330°) at 35-28-38/117-41-58 [background (short story version per FCC files): a new station was granted on 98.3 in Ridgecrest in 2009, but the FAA interceded saying the combination of approved frequency, power and tower location would cause Glide Slope issues with nearby China Lake Naval Air Station. So, the applicant reapplied for this facility on 98.5 at Johannesburg (with studios still in Ridgecrest) which was granted; the pattern's null is directed toward the end of the runway that caused the problem]
CA	Millers Ranch	89.3	KRBO	Returned to the air with Spanish Religious and then filed for a Silent STA
CA	Modesto	104.9	KGIG-LP	CP dismissed to move to 93.3; applicant proposed to move the transmitter to alleviate interference from KNCL 105.1 Sacramento
CA	Rock Creek	90.7	KRBP	Returned to the air with Spanish Religious and then filed for a Silent STA
CA	Visalia	96.1	KSLK	License cancelled; call deleted
CO	De Beque	97.3	-----	Allotment deleted for a Class C3 station here
CO	Gunnison	88.7	KGNI	New Class C3 station signs on with 6.5 kW-V/106 m at 38-31-41/106-54-14
CO	Pagosa Springs	106.1	KWUF-FM	CP granted for move from 106.3
CO	Parachute, etc	88.3	K202BI	Application dismissed for move to 88.5
CO	Parachute	101.1	KSBP-LP	Is silent
CO	Rock Creek Park	107.1	KXCL	City-of-License change (ex: Westcliffe) is now on
CO	Trinidad	100.3	K262BK	CP cancelled for move to 100.5
FL	East Tampa	96.5	WVVD-LP	Application dismissed to move to Seffner on 99.1
FL	Jupiter	103.9	WJTW-LP	Frequency change is now on (ex: 100.3)
FL	Key West	91.9	WKWJ	New Class A station signs on with 1.1 kW/45 m at 24-33-18/81-48-05
FL	Key West	93.7	WKEY-FM	Frequency change is now on (ex: 93.5)
FL	Orland Park	89.5	Pirate	The FCC has fined an individual \$10,000 for willful and repeated violations of operating an unlicensed transmitter on 89.5 MHz
FL	West Deerfield Beach	91.9	W220DU	Frequency change is now on (ex: 91.7)
FL	White Springs	88.7	WJLN	Program Test Authority for this new Class A station was <b>denied</b> on November 20 after the application submitted on November 12 failed to provide any of the required directional antenna documentation (deadline is December 4 for the station's reply or the FCC will cancel the application) [this is the White Springs located near the intersection of I-10 and I-75, not the one located further west near Bristol in the Florida panhandle]
GA	Milner	105.9	WFAL	CP granted for new Class A station with 4.9 kW/112 m at 33-09-21/84-05-40 [Milner is about 50 miles southeast of Atlanta]
GU	Agana	90.1	KKGU	New Class A station signs on with 250 W-H/193 m at N13-29-22/E144-49-46
HI	Honokaa	107.3	KJHI-LP	License cancelled; call deleted
HI	Kula	97.3	KLUI-LP	License cancelled; call deleted
ID	Caldwell	103.5	KSAS-FM	Frequency change is now on (ex: 103.3) [see KZMG comments below]
ID	Jerome	103.1	KZNO	Frequency change is now on (ex: 102.9) [see KZMG comments below]
ID	Melba	102.7	KZMG	Is silent, per the FCC file: "The applicant has just completed construction of new facilities for KZMG (FM) at its new community of Melba, ID, and had been operating pursuant to program test authority before going silent on 11/11/2013. While the applicant awaits the issuance of its new license and undertakes the process of hiring a staff to operate the station on a full time basis, it respectfully requests Special Temporary Authority to remain silent until January 15, 2014." [This is part of a swap of cities/frequencies in Caldwell, Jerome, Melba and Sun Valley, Idaho and Elko, Nevada]
ID	Moscow	92.5	KRFP-LP	License cancelled; call deleted per licensee's request
IL	Altamont	105.5	WJKG	New Class A station signs on with 3.6 kW/127 m DA (235°) at 39-06-26/88-33-44 [Altamont is on I-70 about 75 miles northeast of St. Louis]
IL	Cuba	98.1	CP	CP granted for a new Class A 4.9/112 m station at 40-29-18/90-07-19
IN	Marengo	89.9	WBRO	Fined \$1500 for failure to file for renewal in a timely manner
IN	Warsaw	88.7	WQKV	Changes City-of-License (ex: Rochester) as they increase power to 13.9 kW at 86 meters DA (circular w/null at 330°) at 43-08-20/85-53-31 [at Rochester, WQKV relayed KLVR 91.9 Middletown, California (EMF), but there is no mention of them relaying KLVR in the new applications]
IN	Wilkinson	89.1	WRFM-FM	Fined \$8000 for transmitting from a location not specified on its license
KS	Manhattan	88.3	Pirate	The FCC has fined an individual \$4000 for willful and repeated violations of operating an unlicensed transmitter on 89.3 MHz
LA	Shreveport	106.3	KBLK-LP	CP cancelled for move to 95.1
ME	Portland	107.9	WJZP-LP	CP cancelled for move to 105.1
MI	Mio	93.9	WAVC	Is silent
MS	Vardaman	99.5	CP	CP granted for a new Class A station with 1.8 kW/122 m at 33-49-10/89-16-00
MO	Chillicothe	102.5	KCHI-FM	Frequency change is now on (ex: 98.5)
MT	Plains	90.5	KZNP	Is silent
NH	Dover	103.5	WXGR-LP	Frequency change is now on (ex: 101.5)
NM	Tohatchi	101.5	-----	Allotment added for a Class C2 station (Navajo Nation)
NY	New York	106.3	W292DV	Fined \$3000 for failure to comply with the FCC'S accessibility rule [too long to go into here, but you can read the details at: <a href="http://transition.fcc.gov/Daily_Releases/Daily_Business/2013/db1114/DA-13-2179A1.txt">http://transition.fcc.gov/Daily_Releases/Daily_Business/2013/db1114/DA-13-2179A1.txt</a> ]
NC	Boiling Springs	88.3	WGWG	Station is being sold to Columbia International University in Columbia; Gardner-Webb Junior College (the current licensee) and will operate their station as an online-only facility
NC	New Bern	95.7	W239BC	CP granted to change City-of-License from Arapahoe
ND	Dickinson	90.7	KSLs	Frequency change is now on the air (ex: 90.9)



OH Dayton	98.7	W254BA	City-of-License change (ex: Riverside) is on
OH Willard	90.9	WSHB	Is silent
OK Savanna	102.9	CP	CP granted for new Class A station with 6 kW/47 m at 34-44-38/95-53-20
OR Bandon, etc	91.7	K219AM	License cancelled; call deleted per licensee's request
OR Canyonville	97.7	KYON-LP	License cancelled; call deleted per licensee's request
OR Newport	94.3	KSHY-LP	License cancelled; call deleted per licensee's request
PR Anasco	90.3	WVID	Fined \$6400 for failing to maintain operational EAS equipment
PR Ceiba	101.7	WQML	Frequency and City-of-License change (ex: 102.1 at Culebra) is now on the air with 6 kW/70 m at 18-17-37/65-38-40
SC Barnwell	99.1	WHBJ	New Class C3 station is on the air with 25 kW/99 m at 33-24-55/81-18-10 [this is a 'backfill' authorization for Barnwell after WBAW-FM applied to move to Pembroke, Georgia on 99.3 (WBAW-FM is silent and unbuilt at Pembroke)]
SD Rosebud	99.5	CP	CP granted for a new Class A 400 W/73 m station at 43-11-32/100-51-50 [the Rosebud Indian Reservation is located about 12 miles southeast of Antelope and 20 miles north of the South Dakota/Nebraska border]
TN Brentwood	95.9	W240CA	City-of-License change (ex: Reubensville) is now on
TX Ace	104.7	KDLP-LP	License cancelled; call deleted
TX Benjamin	95.3	-----	Allotment deleted for a Class C3 station
TX Brownwood	89.3	KPBE	License cancelled; callsign deleted per licensee's request
TX Cisco	100.1	-----	Allotment deleted for a Class C3 station
TX Hebronville	91.9	KAZF	License cancelled; call deleted
TX Premont	100.7	KMFM	License cancelled; call deleted
TX Royce City	106.9	K295BF	CP granted to move from Greenville
TX Uvalde Estates	103.5	KEWP	Filed for a Silent STA " . . . because of an inability to staff the station on a full-time basis".
TX Rule	105.5	-----	Allotment deleted for a Class C2 station
TX Shamrock	92.9	-----	Allotment deleted for a Class C2 station
TX Westbrook	102.3	KETY	Is silent
VI Fredericksted	102.1	WEVI	Frequency change is now on (ex: 101.7)
WA Freeland	89.9	KXIR	New Class A station signs on with 1.8 kW/167 m DA (circular with null at 015°) at 48-03-45/122-34-19
WI Ashland	104.7	W284AN	Is replaced by new full-power WHWA Washburn
WI Nekoosa	100.9	W266BA	CP granted to move from 101.1
WI Waupaca	91.5	WAUP	CP cancelled for a new, unbuilt station

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**SURVEY RESULTS FROM LAST ISSUE . . .**

**QUESTION: 'Is the programming on HD2, HD3, etc signals of interest to the readership of this column? How about that of Translator stations?'**

The results are in favor of Translator Stations, and overwhelmingly against that of HD signals (for a variety of reasons).

**COMMENT:**

**NEWS ITEM: Radio Disney Sells Three**

Radio Disney station KDIS-FM 99.5 in Little Rock, as well as KRDY-1160 in San Antonio have been sold to Salem Communications. Meanwhile WDDY-1460 in Albany, NY goes to Pax et Bonum, Inc which operates Catholic WOPG 89.9 Esperence on the fringes of the Albany market. WDDY will convert to non-commercial status and a simulcast of the FM. And look for call changes for all three.

**NEWS ITEM:** The FCC has "fined Richfield Electronics (China) Ltd. a manufacturer of wireless electronics products based in Hong Kong, for willfully and repeatedly violating . . . the Commission's rules. The noted violations involve Richfield's marketing of radio equipment in the United States that did not comply with the Commission's technical and labeling requirements." The device is identified as the 'WH Transmitter'. Apparently, the company initially received FCC certification for the device in 2002, they made a modification to the antenna which, they claimed, improved the sound quality. But, in so doing, rendered the device noncompliant with the FCC's Rules and its authorization. The device, which operates in the 106.7-107.9 MHz frequency band, substantially exceeded the emission limit set forth in FCC rules. So . . . if you have one of these later models of the WH Transmitter, it's quite possible you're operating it 'in violation' of FCC rules.

**NEWS (TV) ITEM:**

Turner Broadcasting System (TBS) has been fined \$25,000 for using "Attention Signals" (tones) similar to those used for the national Emergency Broadcast System (EBS) for a promotion of the 'Conan' show. Although the tones weren't the exact pitch and sequence of the actual EAS signal, it consisted of "a dual tone sound that is substantially similar to the dual-tone EAS Attention Signal".

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Thanks to Shawn Axelrod, Tim Noonan, Ralph Strobel, Dan Sys, Radio Insight, Radio World Online, Upper Midwest Broadcasting, the FCC and the CRTC for news.

If you hear any changes occur on your FM dial, let's hear from you!

**Oh, by the way . . . Merry Christmas and Happy New Year to all 73**

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# FM FACILITIES

DECEMBER 2013

AF	Applied For (a new station)	PC	Power (and/or tower height) change on the air
Aux	Auxiliary (backup) transmitter	PG	Power change granted
CC	Callsign change	PR	Power change requested
CL	City-of-license change	RA	Returns to the air
DE	License/permit deleted	RE	Reinstated (previously-dismissed app.)
FC	Programming (format) change	ROA	Request of Applicant
FTP	Failure to Prosecute	SI	Off the air (silent)
LC	License to Cover	STA	Special Temporary Authority
NS	Permit granted for new station	XC	Transmitter site changed
NW	New station on the air	XG	Transmitter site change granted
PA	Proposed Amendment	XR	Transmitter site change requested

## Changes:

State/City	Freq.	Callsign	Change
AK Anchorage	106.5	KWHL	PC<16m
AK Fairbanks	89.1	KRFF	"PG>474m, 64-52-45/148-03-10"
AK Kodiak	100.1	KMXT	PG<271m
AK Port Lions	92.1	NEW	"PA, class C0, deleted"
AK Wrangell	101.7	KSTK	PG<-106m
AK Wrangell	101.7	KSTK	PC<-106m
AK Yakutat	91.9	NEW	"AF 25w/56m, 59-33-15/139-43-30 (Yakutat Tlingit Tribe)"
AL Lineville	90.5	WZEV	"PG<100w/80m, 33-17-55/85-41-24"
AR Clarendon	104.1	KCON	CC for NS
AR Dardanelle	102.3	KCJC	"NW 280w/11m, 35-16-58/93-06-07 (aux)"
AR De Queen	88.7	KBPU	"PR>2kw/19m, 34-02-43/94-20-39; amendment from 5kw/12m"
AR Nashville	88.5	KTYC	"PR>5kw/59m, 33-57-19/93-52-06"
AR Russellville	100.9	KWKK	"NW 280w/11m, 35-16-58/93-06-07 (aux)"
AR Siloam Springs	101.1	KLAB	PR>7.7kw
AZ Grand Canyon Village	102.5	KUGO	PR>51kw
AZ Lake of the Woods	104.5	KZXQ	"PG>20kw/248m, 34-12-22/109-56-32"
AZ Quartzsite	91.7	KEQS	"CX, renewal not filed"
AZ Tucson	91.3	KXCI	"AF 10kw/9m, 32-15-11/110-57-44 (aux)"
AZ Tucson	91.3	KXCI	"NS 10kw/9m, 32-15-11/110-57-44 (aux)"
BC Abbotsford	107.9	NEW	"AF 250w/62m, to relay CKYE-FM 93.1 & overcome"
BC Aldergrove	107.9	NEW	"AF 50w/13m, religious"
BC Cranbrook	107.5	NEW	"AF 2.5kw/1048m, adcon (Clear Sky Radio)"
BC Cranbrook	96.5	NEW	"AF 2.6kw/1054m, adcon (Newcap)"
BC Fernie	107.9	NEW	"AF 500w/-572m, adcon, to relay 107.5 Cranbrook"
BC Fernie	91.9	NEW	"AF 360w/-536m, adcon, to relay 96.5 Cranbrook (Newcap)"
BC Invermere	107.7	NEW	"AF 100w/-318m, adcon, to relay 107.5 Cranbrook"
BC Richmond	98.3	NEW	"AF 170w/144m, ethnic, to relay proposed 107.7"
BC Richmond	98.3	NEW	"AF 170w/144m, ethnic, to relay proposed 91.5 Surrey"
BC Sparwood	107.1	NEW	"AF 500w/-242m, adcon, to relay 107.5 Cranbrook"
BC Surrey	106.9	NEW	"AF 125w/295m, to relay CJRJ-1200 (alternate to 107.7)"
BC Surrey	107.7	NEW	"AF 1.066kw/133m, ethnic (alternate to 600 AM)"
BC Surrey	107.7	NEW	"AF 2.5kw/122m, adult hits (Mosaic Media)"
BC Surrey	107.7	NEW	"AF 2.5kw/122m, urban (Sky Radio)"
BC Surrey	107.7	NEW	"AF 2.5kw/133m, adcon (South Fraser Broadcasting)"
BC Surrey	107.7	NEW	"AF 2kw/121m, ethnic (New Vision Broadcasting)"
BC Surrey	107.7	NEW	"AF 2kw/161m, ""Fusion"" for English-speaking South Asians (Surdel Broadcasting)"
BC Surrey	107.7	NEW	"AF 3kw/119m, news/talk for South Asians (South Asian)"
BC Surrey	91.1	NEW	"AF 1kw/213m, ethnic (Asash Broadcasting) (alternate)"
BC Surrey	91.5	NEW	"AF 1kw/132m, adcon (South Fraser Broadcasting)"
BC Surrey	107.7	NEW	"AF 650w/177m, to relay CJRJ-1200"
BC Surrey	107.7	NEW	"AF 2.5kw/122m, ethnic (Akash Broadcasting)"
BC Surrey	107.7	NEW	"AF 160w/123m, to relay CKYE-FM 93.1 & overcome IBOC"
BC Surrey	91.5	NEW	"AF 100w/123m, to relay CKYE-FM 93.1 & overcome IBOC"
BC Surrey	91.5	NEW	"AF 290w/132m, ethnic (alternate to 600 AM & 107.7 FM)"
BC Surrey	107.7	NEW	"AF 750w/123m, to relay CKYE-FM 93.1 & overcome IBOC"

BC Vancouver	107.7	NEW	"AF 2.5kw/122m, ethnic (Idea Broadcasting)"
BC Vancouver	98.3	NEW	"AF 6kw/-11m, talk (0971197 BC Ltd.)"
CA Garberville	89.1	KGKV	CC from KXBC
CA Johannesburg	98.5	KGIL	"NW 340w/417m, 35-28-38/117-41-58 (Mt. Wilson"
CA Mendocino	101.9	KUNK	"QR from 92.7, 3.2kw/140m, 39-27-54/123-45-28"
CA Morgan Hill	89.9	KHCF	"PG<160w/-178m, 37-05-55/121-36-43"
CA Morgan Hill	89.9	KHCF	"NW 160w/-178m, 37-05-55/121-36-43 (Common"
CA Riverdale	98.3	KZLA	"PR>25kw/63m, 36-31-37/119-51-50"
CA Shafter	97.7	KNZR-FM	CC from KSMJ
CA Walnut	90.1	KSAK	"PC 2w/165m, 34-02-18/117-53-21"
CO Breckenridge	90.7	KMPB	PC>600w
CO Colorado City	103.3	KJOY	"PR<137m, 37-50-17/104-31-18"
CO De Beque	97.3	NEW	"PA, class C3, deleted"
CO Dotsero	100.9	KKVC	CC for NS
CO Minturn	90.9	KVNC	"QC from 90.7, 100w/-211m"
CO Pagosa Springs	106.1	KWUF-FM	"QG from 106.3, 500w/389m"
CO Pagosa Springs	106.1	KWUF-FM	"QR from 106.3, 500w/389m; PG"
CO Pueblo	106.9	KIQN	"PG 100kw/73m, 37-56-40/104-59-56"
CO Severance	103.9	KRKA	CC from KYEN
CT Hartford	93.7	WZMX	"AF 700w/262m, 41-46-27/72-48-20 (aux)"
CT Hartford	96.5	WTIC-FM	"AF 16kw/262m, 41-46-27/72-48-20 (aux)"
CT Hartford	96.5	WTIC-FM	PR>247m
CT New Britain	100.5	WRCH	"AF 5kw/262m, 41-46-27/72-48-20 (aux)"
FL Brighton Recerv.	91.3	WTIR	PR>2.8kw/32m
FL Fort Lauderdale	103.5	WMIB	CC from WSHE-FM
FL High Springs	88.1	WUBA	PG>220w/21m
FL High Springs	88.1	WUBA	PR>220w/21m
FL Key Largo	107.1	WURN-FM	"PR 12.4kw/145m, 25-16-00/80-26-16"
FL Key West	91.9	WKWJ	"NW 1.1kw/45m, 24-33-18/81-48-05 (Cornerstone"
FL Key West	91.9	WKWJ	PG 1.1kw/45m
FL Key West	91.9	WKWJ	PR 1.1kw/45m
FL Key West	93.7	WKEY-FM	"QC from 93.5, 26kw"
FL Lake Park	100.3	WLML-FM	CC for NS
FL Live Oak	106.1	WJZS	CC from WLVO
FL Navarre	95.7	WKFP	FC; sold to Educational Media Foundation
FL Panama City	89.9	WJTF	"PG>116m, 30-19-41/85-41-22"
FL Port St. Joe	93.7	WTKP	"QR from 93.5, 100kw/127m, 30-00-20/85-20-36"
FL Tavernier	88.1	WMKJ	"PG>1kw/15m, 25-01-25/80-30-34"
GA Folkston	91.3	WATY	"PR>15.5kw/93m, 30-49-58/81-40-42"
GA Milan	104.9	WMCG	"PR 31kw/192m, 32-22-59/83-07-08 dismissed FTP"
GA Milner	105.9	NEW	"NS 4.9kw/112m, 33-09-21/84-05-40 (Radio Georgia)"
GA Warm Springs	88.1	WJSP-FM	PC>100kw/461m
GU Agana	90.1	KKGU	CC for NS
GU Agana	90.1	KKGU	"NW 250w/193m, 13-19-22/144-49-46 (Hurao Inc.)"
GU Agana	90.1	KKGU	PG<250w/193m
GU Agana	90.1	NEW	PR<250w/193m
HI Pahala	91.7	KAHU	"PG<800w/-323m, 19-12-00/155-28-54"
IA Fort Dodge	89.5	KIFR	CC from KEGR
IA Hiawatha	89.1	KXGM-FM	"PC<3.6kw/94m, 42-01-57/91-40-24"
IA Knoxville	92.1	KRLS	PR>25kw
ID McCall	95.5	KUJJ	CC for NS
ID Melba	102.7	KZMG	"QC from 97.5, 35kw/803m, 43-45-18/116-05-51; CL"
ID Moscow	90.3	KRFP	"NW 42w/300m, 46-40-54/116-58-13 (R. Free Moscow; see"
ID Sugar City	96.5	KAZZ	"PR<5kw/160m, 44-10-30/111-25-47"
ID Sun Valley	94.5	KSKI-FM	"QC from 103.7, 2.5kw/583m"
ID Sun Valley	107.5	KYZK	"PC>2.5kw/583m, 43-38-37/114-23-50"
ID Sun Valley	95.3	KECH-FM	"PC>2.5kw/583m, 43-38-37/114-23-50"
IL Altamont	105.5	WJKG	CC for NS
IL Altamont	105.5	WJKG	"NW 3.6kw/127m, 39-06-26/88-33-44 (Rosemary L."
IL Canton	103.3	WLSE	"NW 5.7kw/102m, 40-29-44/89-57-10 (Canton SDA Church)"
IL Dallas City	92.1	WQKQ	req. CL from Carthage
IL Oak Park	102.7	WVAZ	PC>48kw/75m (aux)
IL Sherman	93.9	WQQL	CC from WABZ
IL Springfield	101.9	WLFZ	CC from WQQL
IN Fort Wayne	101.7	WLDE	"PR>6kw, 41-04-35/85-02-43"
IN Morristown	91.3	WWOI	"NW 14.5kw/56m, 39-33-18/85-44-06 (Horizon"
IN Rochester	88.7	WQKV	"PC>13.9kw/86m, 41-08-20/85-53-31"
KY Upton	88.1	NEW	"PR<1.8kw/69m, 37-33-17/85-44-10"
KY Westwood	102.3	WWQB	PC>15kw/131m
LA Carencro	103.7	KLWB-FM	PC>10kw
LA Dulac	97.7	KDLC	"NW 200w/24m, 29-24-47/90-42-10 (Coast Radio Group);"
LA Haynesville	105.5	KIMW	CC for NS
LA Slidell	91.3	WGON	"NW 15.5kw/102m, 30-32-09/89-51-52 (Crisis Pregnancy Help Center of

			Slidell) (appears to be owner of WGON-LP in the same city which is presumably now deleted)"
MA Hyannis	102.9	WPXC	"NW 500w/13m, 41-39-02/70-17-02 (aux)"
MD California	89.7	NEW	"NW 7kw/98m, 38-20-57/76-37-34 (Delmarva"
MD California	89.7	WXMD	CC for NS
MD College Park	107.9	WLZL	"PR 49kw/151m, 38-59-46/76-39-26; CL from"
MD Oakland	92.3	WWHO	CC from WWHC
ME Bar Harbor	99.1	WBFE	CC from WLKE
MI Ann Arbor	88.3	WCBN-FM	PG>2.9kw/56m
MI Detroit	98.7	WDZH	AF 50kw/103m (aux)
MI Good Hart	91.3	WJOG	PR>209m
MI Harrisville	88.1	WSFP	"QG from 88.5, 4kw/131m, 44-42-12/83-31-27"
MI Harrisville	88.1	WSFP	"QR from 88.1, 4kw/131m, 44-42-12/83-31-27"
MI Highland Park	88.1	WHPR-FM	PR>44w
MI Pickford	105.5	WMKD	PR>86m
MI Sault Ste. Marie	99.5	WYSS	PR>86m
MN Duluth	89.5	WJRF	"NS 875w/181m, 46-47-07/92-07-13 (aux)"
MN Fairmont	88.1	KRLP	PC>600w
MN Paynesville	98.9	KZPK	PC 24kw/220m
MO Chillicothe	102.5	KCHI-FM	QC from 98.5
MO Louisiana	102.1	KJFM	"PG>11kw/77m, 39-21-57/91-10-45"
MO Windsor	98.5	KWKJ	PC>44kw/159m
MS Oxford	105.1	WGRL	"PR<1.6kw/142m, 34-25-26/89-30-51"
MS Sandersville	94.3	WKZW	"AF 13kw/279m, 31-25-52/89-08-51 (aux)"
MS Sandersville	94.3	WKZW	"NS 13kw/279m, 31-25-52/89-08-51 (aux)"
MT Charlo	97.5	KYMI	CC from KNFL
MT Cut Bank	92.7	K224EB	"NS 62w/108m, 48-40-44/112-12-347 (Starboard)"
MT Fort Benton	96.3	KVMO	CC from KJCD
MT Roundup	99.9	KZMO	CC from KTRO
MT Whitehall	106.5	KKRK	CC for NS
NB St. Stephen	88.1	CBD-FM-1	"QG from 990 AM, (where it was CBAO)"
NC Wilmington	101.3	WWOQ-FM	"PC<18kw/165m, 34-05-52/77-58-18"
ND Dickinson	90.7	KSLS	"QC from 90.9, 3.4kw"
ND Dickinson	90.7	KSLS	"QG from 90.9, 3.2kw"
ND Williston	101.1	KDSR	PG>100kw/243m
NE Allen	100.9	KHSK	"PG<6kw/43m, 42-24-47/96-50-23"
NE Alliance	102.3	KPNY	"QG from 102.1, 412m, 41-50-28/103-04-27"
NE Auburn	103.1	KNCY-FM	PR>50kw/124m
NE Gibbon	97.7	KMTY	"PG>50kw/148m, 40-36-08/98-50-21"
NM Cloudcroft	88.9	KHII	PR>2.4kw
NM Dexter	102.5	KALN	"QR from 96.1, 112m"
NM Silver City	89.1	KURU	PG<10.5kw/478m; from V-only to H-only
NM Silver City	89.1	KURU	PR 10.5kw/478m
NM Silver City	91.3	NEW	PR<620w/432m
NM Socorro	102.1	KYRN	PG>2.5kw/561m
NM Socorro	99.1	KMXQ	PG>6kw/-55m
NM Tohatchi	101.5	NEW	"PA, class C2, Tribal allotment for the Navajo Nation"
NM Truth or Consequences	91.1	KLCF	"NW 190w/780m, 32-58-10/107-13-33"
NV Tonopah	92.7	KHWK	"CX, renewal not filed"
NV Verdi	105.3	K287BK	"NS 3w, 39-34-43/119-56-42 (KYCC)"
NY Cold Brook	91.1	WMHU	"PC>380w/227m, 43-08-30/75-02-22"
NY Mexico	103.9	WNDR-FM	CC from WVOA-FM
NY Niagara Falls	98.5	WKSE	"PR<41.6kw/126m, 42-58-42/78-57-25"
NY Webster	88.1	WKEL	CC from WFRW
OH Maumee	89.3	WYSZ	"PR 2.7kw/91m, 41-39-25/83-41-34"
OH New Concord	90.7	WMCO	"PC>1.2kw/44m, 40-00-06/81-44-19"
OH Waynesville	89.1	WYNS	"PG>2.5kw/47m, 39-30-52/84-08-45"
OH Willard	90.9	WSHB	"PG>450w/72m, 41-02-53/82-40-53"
OH Willard	90.9	WSHB	"PR>200w/106m, 40-56-45/82-39-49 CX ROA; going for"
OH Willard	90.9	WSHB	"PR>450w/72m, 41-02-53/82-40-53"
OK Guymon	91.3	KGUY	PR>800w
OK Haileyville	105.9	KQIK-FM	PG>6kw
OK Mustang	99.7	KNAH	CC from KZLS
OK Ringwood	104.9	NEW	"NS 400w/78m, 36-23-19/98-18-00 (Screen Door"
OK Savanna	102.9	NEW	"NS 6kw/47m, 34-44-38/95-53-20 (Screen Door"
ON Barrie	106.7	CFRH-FM-1	"NS 175w/86m, 44-24-15/79-42-25; to relay CFRH-FM"
ON Beardmore	107.1	NEW	"AF 260w/74m, 49-34-01/87-58-25; to relay CFNO-FM"
ON Erin	88.1	CHES-FM	PG>1.25kw
ON Thunder Bay	95.1	CJOA-FM	PR>250w
ON Tillsonburg	88.7	NEW	"AF 8.18kw/79m, 42-53-30/80-45-11; to relay CBCL-FM London"
ON Toronto	88.1	CIND-FM	PG>4kw/281m
ON Wawa	88.3	CBLJ-FM	PG<4.807kw/133m

OR Aloha	97.9	KLVP	CC from KXPC
OR Aloha	97.9	KLVP	"PG>54kw/387m, 45-29-20/122-41-40"
OR Canyonville	92.3	KMKR	PR>850w
OR Pilot Rock	90.5	KBLU-FM	"PR>240w/77m, 45-20-50/118-51-27"
OR Sandy	88.7	KXPC	CC from KLVP
PA Easton	106.7	W294BQ	"NS 80w/21m, 40-40-27/75-12-28 (Four Rivers)"
PA Gettysburg	102.3	W272CX	"NS 55w, 39-50-30/77-13-27 (Four Rivers)"
PA Pen Argyl	89.5	WWPJ	PR>500w/324m
PA Pittsburgh	99.7	WSHH	AF 22.5kw/220m (aux)
PA Pocono Pines	105.9	WPZX	"PR<5kw/103m, 41-08-17/75-33-35"
PA Ridgway	91.1	WRVI	"PG 240w/92m, 41-24-16/78-42-01; CL from St. Marys"
PA State College	89.1	WRXV	"PR<700w/332m, 40-55-10/77-58-28; reinstate"
PA State College	89.1	WRXV	"PR<730w/332m, 40-55-10/77-58-28 dismissed 73.509"
PR Culebra	101.7	WQML	"OC from 102.1, 6kw/70m, 18-17-37/65-38-40; CL from"
PR Culebra	98.7	WNVE	PR>16kw
QC Gaspe	88.5	CBVG-FM	PG<2.61kw/385m
SC Barnwell	99.1	WHBJ	"NW 25kw/99m, 33-24-55/81-18-10 (Barnwell Community)"
SC Chesterfield	89.3	WRFE	"PR>33kw/88m, 34-45-59/80-15-55"
SC Conway	90.1	WHMC-FM	"PC>63kw/213m, 33-56-58/79-06-31"
SD Hartford	91.3	KSTJ	"NW 41kw/221m, 43-29-22/97-26-33 (Catholic Chancery)"
SD Hartford	91.3	KSTJ	PG<41kw
SD Sioux Falls	101.9	KELO-FM	CC from KTWB
SD Sioux Falls	92.5	KTWB	CC from KELO-FM
SK Saskatoon	x	NEW	"AF dismissed, CRTC feels market can't economically"
TN Livingston	89.1	WOCG	"PG>1.4kw/203m, 36-26-23/85-24-27"
TN Maryville	95.7	WVRX	CC from WQJK
TN Monterey	106.9	WKXD-FM	"PG<220m, 36-07-21/85-14-48"
TN Portland	91.5	WBGB	"PR>1kw/100m, 36-36-54/86-33-59; CL from"
TN Union City	104.9	KYTN	"AF 340w/20m, 36-25-27/89-04-00 (aux)"
TN Union City	105.7	WQAK	"AF 340w/20m, 36-25-27/89-04-00 (aux)"
TX Alice	88.3	KAWV	CC from KIFR
TX Amarillo	91.9	KXRI	PG>11kw
TX Benjamin	95.3	NEW	"PA, class C3, deleted"
TX Big Lake	97.1	KBLT	CC for NS
TX Cisco	100.1	NEW	"PA, class C3, deleted"
TX Cotulla	105.7	KECL	CC for NS
TX Encino	104.5	NEW	"NS 6kw/74m, 26-53-27/98-08-25 (Hispanic Christian)"
TX Flower Mount	96.7	KTCK-FM	CC from WBAP-FM
TX Freer	105.5	NEW	"NS 6kw/100m, 27-51-17/98-35-49 (Hiram G. Tellez)"
TX Gainesville	94.5	KSOC	NS 96kw/537m (aux)
TX Giddings	96.3	NEW	"AF 6kw/100m, 30-14-45/97-01-49; amendment from 95.9"
TX Harlingen	94.5	KFRQ	PR>453m
TX Hunt	99.9	KLKV	CC from KRZS
TX Idalou	105.7	KRBL	PG>25kw/87m
TX Llano	106.5	KAJZ	"OR from 96.3, 1.94kw/175m, 30-40-36/98-33-59"
TX Ozona	102.9	KXON	CC for NS
TX Port Isabel	101.1	KNVO-FM	PR<141m
TX Premont	105.3	NEW	"NS 6kw/90m, 27-14-53/98-08-34 (Hispanic Christian)"
TX Premont	88.1	KLBD	PR>3.5kw/100m reinstated
TX Reno	98.9	KLOW	"PG 6kw/100m, 33-45-26/95-32-15"
TX Rule	105.5	NEW	"PA, class C2, deleted"
TX Sanger	104.1	KTDK	CX
TX Sanger	104.1	KTDK	CX ROA
TX Shamrock	102.1	KOCK	CC for NS
TX Shamrock	92.9	NEW	"PA, class C2, deleted"
TX Stamford	94.5	KSTD	CC for NS
TX Thorndale	99.3	KOKE-FM	PC>24kw
TX Uvalde	88.9	KHPS	"PR<6.2kw/109m, 29-21-37/100-00-20"
TX Waco	103.3	KWBU-FM	"PG 3.2kw/138m, 31-30-51/97-11-44"
TX Wellington	91.7	KSIF	"NW 2kw/124m, 34-47-24/100-10-24 (La Promesa)"
UT Castle Dale	102.1	KEMR	CX 312(g) (off over a year)
UT Huntington	107.1	KHUN	CX 312(g) (off over a year)
UT Manti	105.1	KAJU	"AF 350w/337m, 39-19-23/111-46-23 (aux)"
UT Tooele	93.7	K229CJ	"NS 1w/1099m, 40-39-09/112-12-05 (KYCC)"
VA Yorktown	91.5	WYCS	"PR 13.5kw/146m, 37-12-34/76-32-35"
VI Frederiksted	102.1	WEVI	"QC from 101.7, 3.5kw/294m, 17-44-51/64-50-11"
WA Clarkston	90.5	KNWV	PC 350w/340m
WA Freeland	89.9	KXIR	"PG 1.8kw/167m, 48-03-45/122-34-19"
WA Freeland	89.9	KXIR	"NW 1.8kw/167m, 48-03-45/122-34-19 (KSER)"
WA Long Beach	99.7	KLMY	PR>25kw/61m
WA Moses Lake	100.5	KWIQ-FM	PR>800w (aux)
WA Moses Lake	100.5	KWIQ-FM	"QG from 100.3, 800w (aux)"
WA Opportunity	96.1	KPXR-FM	CC from KIXZ-FM
WA Port Angeles	102.1	NEW	"PR>3.6kw/82m, 48-05-51/123-29-09"

Continues on page 25

# PHOTO NEWS



Jeff Kruszka  
 1909 Lost Lake Place  
 Pearland, TX 77581  
 jkruszka@sbcglobal.net

December 2013

Here's some fantastic recent DX from Chris Lucas of Poughkeepsie, NY:



WNCT-10.1 Greenville, NC  
 460 mi Tr seen 5-5-13



WUNM-19.1 Jacksonville, NC  
 517 mi Tr seen 5-5-13



WATM-24.1 Altoona, PA  
 252 mi Tr seen 9-24-13



WJAC-34.1 Johnstown, PA  
 277 mi Tr seen 8-10-13



WPSU-15.1 Clearfield, PA  
 237 mi Tr seen 8-10-13



WTAE-51.2 Pittsburgh, PA  
328 mi Tr seen 8-10-13



CBLFT-25 Toronto, ON  
308 mi Tr seen 9-9-13  
"1st Canadian DTV tropo"



WBZ-30 Boston, MA  
152 mi Tr seen 9-21-13



WCBB-10.3 Augusta, ME  
256 mi Tr seen 9-21-13  
"No sound"



WCSH-44.2 Portland, ME  
229 mi Tr seen 9-21-13



WDPX-40.5 Vineyard Haven, MA  
171 mi Tr seen 9-21-13



WMTW-8.1 Poland Spring, ME  
239 mi Tr seen 9-21-13



WSBE-21.3 Providence, RI  
128 mi Tr seen 9-21-13



WTSD-CD 23.1 Philadelphia, PA  
139 mi Tr seen 9-21-13



WMFP-18.2 Lawrence, MA  
156 mi Tr seen 10-11-13



WFXT-31.1 Boston, MA  
152 mi Tr seen 10-11-13



WJAC-22.1 Altoona, PA  
252 mi Tr seen 9-24-13  
"7.5 kW xltr"

73's, JEFF



# Coast to Coast TV DX

Featuring reports from the entire United States and all of Canada.

Send reports by the 15<sup>th</sup> of each month to:

Nick Langan  
1040 Riverview Drive  
Florence, NJ 08518  
E-mail: [nickl@wtfd.org](mailto:nickl@wtfd.org)

## ***The Editor's Note***

Mum's the word with regards to DX across the U.S. and Canada throughout the month of November, as we did not note any reports of tropo, even across the Deep South. Weather-wise, the past two weeks have featured some volatile swings in terms of temperatures, but a winter-like pattern looks to grip much of the continent from the end of the month into December, ensuring conditions will stay in the doldrums for quite some time. In any event, we hope you and yours have a wonderful upcoming holiday season, and perhaps the Winter E-skip season will throw us a bone or two.

Roy Barstow sends in his usual impressive assortment of DX from the past few months on Cape Cod inside this edition of C2CTVDX, while Dennis Smith checks in from Southern California.

### **Roy Barstow**

70 Heritage Circle  
Teaticket, MA 02536

All Tr.

#### 6-21-13

WGHP 35 High Point, NC. 637  
WNSC 15 Rock Hill, SC. 730  
WSOC 34 Charlotte, NC. 700  
WCCB 27 Charlotte, NC. 700  
WMYV 33 Greensboro, NC. 635  
WUVC 38 Fayetteville, NC. 616  
WRPX 15 Rocky Mount, NC. 547  
WSKY 9 NC.  
WUND 20 Edenton, NC.

#### 8-25-13

W14CL Harpswell, ME. analog  
CJCH 48 Halifax, NS.  
WITN 32 Washington, NC. 565  
WPXU 34 Jacksonville, NC. 574  
WECT 44 Wilmington, NC. 660  
WYDO 47 Greenville, NC. 562

#### 8-26-13

WUNM 19 Jacksonville, NC. 574  
WWAY 46 Wilmington, NC. 660  
WUNK 23 Greenville, NC. 562  
WRPX 15 Rocky Mount, NC. 547  
WRAL 48 Raleigh, NC. 587  
WUNJ 29 Wilmington, NC. 660  
WRDC 28 Durham, NC. 589  
WUNP 36 Roanoke Rapids, NC  
WLFL 27 Raleigh, NC. 587

#### 9-9-13

WXXI 16 Rochester, NY.  
WNYS 44 Syracuse, NY

#### 9-21-13

WSPX 15 Syracuse, NY.  
W28DQ-D 28 Windsor, VT. 158 at 960 watts  
WCFE 38 Plattsburg, NY in analog my most  
wanted station but never received.

#### 10-9-13

WJAC 34 Johnstown, PA.  
KDKA 25 Pittsburgh, PA. 496  
WPXI 48 Pittsburgh, PA. 496  
WPSU 15 Clearfield, PA.  
WHP 21 Harrisburg, PA.  
WJRC 34 Johnstown, PA.  
WITF 36 Harrisburg, PA.  
W14DF-D 16 Elliottsburg, PA. Cornerstone  
WTAJ 32 Altoona, PA.  
WSPX 15 Syracuse, NY.  
Above in the morning and later that night 25 and  
48 Pittsburgh back in.

#### 10-11-13

WSPX 15 Syracuse, NY  
WSTM 24 Syracuse, NY  
WTVH 47 Syracuse, NY  
WCNY 25 Syracuse, NY.

#### 10-15-13

CJCH 48 Halifax, NS.  
WRPX 15 Rocky Mount, NC. 547  
WPDE 16 Florence, SC. 687  
WLFL 27 Raleigh, NC. 587  
WRAL 48 Raleigh, NC. 587  
WLPS-CD 14 Lumberton, NC. 640 Faith and  
Family Net. In solid for 1 hr.  
WTVR 25 VA.  
WPXW 34 Ion Manassas, VA.  
WRDC 28 Durham, NC. 589  
WACP 4 PA.  
WFDC 15 VA.  
WGPM 14 Burlington, NC. 614



WWSI 49 Atlantic City, NJ.  
 WMYV 33 Greensboro, NC. 635  
 WNVC 24 Fairfax, VA. MHZ1  
 WWTD 14 DC  
 WVAW-LD 16 Charlottesville, VA.  
 WVIR 32 Charlottesville, VA.  
 WBFF 45 Baltimore, MD.  
 WMAR 38 Baltimore, MD.  
 WDCA 35 DC  
 WUTB 41 MD.  
 WETA 27 DC.  
 WETK 32 Burlington, VT. local not on.

Analog 893 DTV 315

OLD ROY FROM OLD CAPE COD

**Dennis Park Smith**

3605 San Remo Dr  
 Santa Barbara, CA 93105-2523  
 Telephone (805) 687-7803  
 24-hour PDT

This report is for most of October 2013 through Nov 2 at the end of this year's Pacific Daylight-Shifted Time.

Tropo made attempts Oct 8-13 for very short periods which didn't last long enough to do much. Ocean temp steady 64F/18C, until Oct 28 down to 61F/16C. Oct 30, down to 58F/14C. Nov 2, up to

60F/16C. Air temp highs varied from cool at apx 65F/18C to 84F/29C. Distances are approximate. So-Calif tropo ducting to San Diego/Tijuana/Tecate from 175 mi/280 km up to 220 mi/350 km SE:

Oct 8 - 13 None Cool, showers Oct 9  
 Oct 14 - 21 Var.poor-fair Warming, stable, hi-press.  
 Oct 22 Good  
 Oct 23 - 24 None Cool, unsettled, low press.  
 Oct 25 - 27 Var.poor-fair Calm, still cool  
 Oct 28 - 30 None Low press, showers 28-29  
 Oct31-Nov2 Var.poor-fair Warm, stable, hi-press.

**Oct 22** at Don Voegele's place with his big dish: Tropo was good overall. All of the San Diego/Tijuana/Tecate DTVs were seen, along with analogs K35DG 35 La Jolla ("UCSD-TV"), KZSD-LP 39 SDiego (Azt.Amer), XHDTV-49 Tecate (My), XHUAA-relay 56 Tecate (XEW2 network), and a new [?] one—**XEW2-net on analog ch. 57**. It was on XHUAA-57 (XEW2 net, off since mid July) Tijuana's old analog channel—but this one was much less signal strength. I don't know if it is in Tijuana, or is somewhere else in the region. I have been to Don's place a few times since then, with some tropo, but that one has not showed up again.

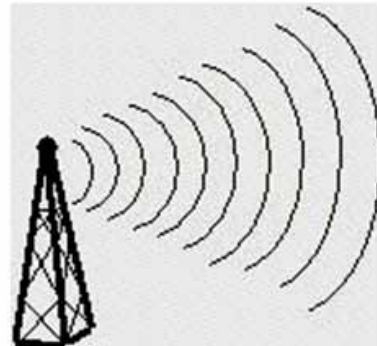
In spite of the land/mountain barriers, as discussed last month, could it possibly have been XHEBC-57 Ensenada (250 mi/400 km SE)??

Best of DX to All Dennis

FCC FACILITIES CONTINUED FROM PAGE 20

State/City	Freq.	Callsign	Change
WA Pullman	89.9	KJEM	"NW 2.3kw/164m, 46-41-47/117-14-44 (KWSU)"
WA Sedro-Woolley	88.9	KPLK	PC>4.2kw
WA Sequim	91.5	KSQM	"PC>2.4kw/-76m, 48-05-01/123-15-57"
WA Shelton	94.5	KRXY	"PC 830w/272m, 47-08-20/123-08-23"
WA Tacoma	103.7	KHTP	CC from KMTT
WA Yakima	88.5	KYVT	"PC>135w/258m, 46-31-57/120-30-43"
WI Bloomer	101.7	W269CQ	"NS 200w, 45-05-57/91-28-02 (David M. Stout)"
WI Chilton	92.9	WKZY	CC from WXMM
WI Chippewa Falls	102.3	W272CY	"NS 250w, 44-49-47/91-26-48 (David M. Stout)"
WI Nekoosa	105.5	WLJY	CC from WRCW
WI Rhinelander	96.5	WHOH	PR 6.8kw/191m
WI Sturgeon Bay	88.5	WNLI	FC; sold to Educational Media Foundation
WI Sturgeon Bay	90.5	WPFF	FC: sold to Educational Media Foundation
WI Wisconsin Rapids	103.3	WGLX-FM	AF 16kw (aux)
WV Elkins	89.9	WCDE	PG>260w/-108m
WV Elkins	89.9	WCDE	PR>260w/-108m
WY Cheyenne	88.1	KAIX	"PR<1.8kw, 41-09-35/104-43-18"
WY Hudson	105.1	KTUG	"PR>4kw/391m, 42-34-42/108-42-46"
WY Kaycee	88.7	KUWK	"NW 1.6kw/99m, 43-53-41/106-40-48 (Univ. of Wyoming)"
WY Torrington	89.9	KEUW	CC for NS

# Northern FM DX



Keith McGinnis  
18 Newbridge St., Hingham, MA 02043  
longwave@comcast.net 781-875-1944

For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NH NJ NY OH OR  
PA RI SD VT WA WI WY and all of Canada. Please submit by the 10<sup>th</sup> of each month.

EDITOR'S NOTE PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.

**Time(tab)Calls(tab)Freq(tab)City(tab)State(tab)details**

Formats can either be plain text, Word or Excel as long as format is adhered to. Any submissions in other formats may not be used at editor's discretion.

All Submissions must be in to me by the 10<sup>th</sup> of each month.

Harry Hayes - Wilkes-Barre, PA  
Equipment: Sony XDR-F1HD rcvr., FM-6 in attic

## 10/8 Tr

2350 W282BF104.3 Honesdale PA "Wayne, Pike Newsradio", also 101.9 & 1590 WPSN, new

## 10/11 Tr

0851 WOKQ 97.5 Dover NH ID, extremely strong 285 mi.  
0920 WBQQ 99.3 Kennebunk ME "The Wolf 99.9 & 99.3", good 320 mi., new  
1010 WXUR 92.7 Herkimer NY "The Drive"  
1145 WRWD 99.3 Ellenville NY ID, weak  
2130 WBEE 92.5 Rochester NY Good at times, ID  
2156 WQBW 95.1 Honeoye Falls NY "95.1 The Brew", weak to fair

## 10/14 Tr

0817 WINC 92.5 Winchester VA "WINK 92.5" traffic report, good  
1145 WJUN 92.5 Mexico PA c/w music, ID, weak

Winter conditions have finally set in. Now the only thing to do is wait for some winter Es.

Jeff Falconer, VA3NN - Clinton ON EN93fo  
Sangean HDT-1X, Sony XDR-F1HD, APS-13 at 22 , 10db preamp  
New=\* New calls={XXXX} t=Tentative Time=ELT Distances=Miles

## September 08 Tr

1334 WIMK 93.1 Iron Mountain MI Weather, "93 Rock" 354  
1542 WPJP 100.1 Port Washington WI Catholic REL, Relevant Radio", mono 324  
1547 WYMS 88.9 Milwaukee WI R&B, "Radio Milwaukee" 322

1558	WLS	94.7	Chicago	IL	Ads, weak	332
1602	WJMR	98.3	Menomonee Falls	WI	Loud, R&B, "Jammin' 98-3"	327
1610	WAPL	105.7	Appleton	WI	Green Bay Packers FB, calls during time out	
1614	WMYX	99.1	Milwaukee	WI	AC, RDS RT: 99.1 The Mix, HD 2 CH	332
1621	{WNRG}	106.9	Brookfield	WI	R&B, "Milwaukees' New Energy 106-9", ex WZBK	327
1624	WVCY	107.7	Milwaukee	WI	VCY REL children's pgm	332
1630	WHQG	102.9	Milwaukee	WI	Rock, "The Hog", in HD for 5 hrs	327
1642	WKLH	96.5	Milwaukee	WI	AC, "KLH"	322
1649	WZOR	94.7	Mishicot	WI	Ads, "Razor 94-7", RDS PI: WZOR	315
1658	WPNE	89.3	Green Bay	WI	CLA music, HD 2 CH	326
1700	WUWM	89.7	Milwaukee	WI	TLK, legal ID, RDS PI: WUWM	322
1701	WIXX	101.1	Green Bay	WI	Packers FB, RDS PS: 101 WIXX	326
1704	WKKV	100.7	Racine	WI	Weak, R&B //stream	333
1717	WXSS	103.7	Wauwatosa	WI	R&B, "Kiss FM"	322
1726	WMPA*	93.1	Ferrysburg	MI	C&W, weather, "Country 93.1"	240
1749	WHAD	90.7	Delafield	WI	TLK, HD 2 CH	348
1755	WRIT	95.7	Milwaukee	WI	Beatles, "Oldies 95.7 WRIT"	323
1810	WRNW	97.3	Milwaukee	WI	Ads, "97-3 Radio Now"	323
1813	WMWK	88.1	Milwaukee	WI	Preacher, "Family Radio"	322
1821	WPWX	92.3	Hammond	IN	R&B, RDS PI: WPWX	334
1840	WRVM	102.7	Suring	WI	Religious music, "The Voice Of The Master"	

#### September 16 Tr

1545	WILV	100.3	Chicago	IL	Ads, "Rewind 100.3"	331
1550	WDRV	97.1	Chicago	IL	Classic rock, "The Drive"	331
1553	WPPN	106.7	Des Plaines	IL	Spanish ads	343
1558	WBEZ	91.5	Chicago	IL	Legal ID, traffic report	331
1601	WUSN	99.5	Chicago	IL	C&W, "US 99.5", legal ID	331
1611	WOJO	105.1	Evanston	IL	Presumed with Spanish	331
1614	WPWX	92.3	Hammond	IN	Chicagoland ads, "Power 92.3"	334
1618	WLS	94.7	Chicago	IL	Ads, calls	332
1622	WNUA	95.5	Chicago	IL	Spanish //stream	331
1625	WBBM	96.3	Chicago	IL	AC, "B 96.3 FM"	332
1627	WLUP	97.9	Chicago	IL	Eagles song, "The Loop"	331
1633	WTMX	101.9	Skokie	IL	AC, "The Mix"	332
1634	WKSC	103.5	Chicago	IL	"103-5 Kiss FM"	332
1637	WGCI	107.5	Chicago	IL	R&B //stream	332
1658	WFMT	98.7	Chicago	IL	CLA music, legal ID	332
1712	{WIQI}	101.1	Chicago	IL	Ads, "I 101 FM", ex WWWN	331

#### September 17 Tr

1540	WLS	94.7	Chicago	IL	Calls, song by Blondie	332
1543	WPPN	106.7	Des Plaines	IL	Presumed with Spanish	343
1549	WBEZ	91.5	Chicago	IL	Calls, TLK	331
1553	WPWX	92.3	Hammond	IN	Chicagoland ads, "Power 92.3"	334
1602	WDRV	97.1	Chicago	IL	Classic rock, "The Drive"	331
1605	WFMT	98.7	Chicago	IL	"WFMT Fine Arts Calendar"	332
1607	WPJP	100.1	Port Washington	WI	Catholic REL, Relevant Radio", mono	324
1617	WZOC	94.3	Plymouth	IN	"Oldies 94.3 WZOC"	281
1622	WJCH	91.9	Joliet	IL	REL, "Family Life Radio", calls at BOH	376
1823	WZOR	94.7	Mishicot	WI	Green Bay ads, "Razor 94-7"	315
1912	WIXX	101.1	Green Bay	WI	Calls, rock, RDS PI: WIXX	326
1916	WDUZ	107.5	Brillion	WI	SPT, weather report	325

#### September 18 Tr

1540	WZOR	94.7	Mishicot	WI	"The edge of rock, Razor 94-7"	315
1902	WCWV	92.9	Summersville	WV	AC, "The Breeze", jingle ID	365

#### September 19 Tr

1549	WCGF*	89.9	Cambridge Spgs	PA	REL: AC, "Family Life Radio", RDS PS: WCGF-FM, 2nd day on air 142
1557	WQED	89.3	Pittsburgh	PA	CLA music, legal ID, rare 233
1612	WEGW	107.5	Wheeling	WV	Rock, RDS PS: artist-song / PI: WEGW 248

September 23 Tr

1835	WETS*	89.5	Johnson City	TN	Legal ID, news headlines, in for over 2 hrs
1902	WXBQ	96.9	Bristol	VA	C&W, calls, this one has always gotten out, at same site as WETS 496
1929	WSGS	100.1	Hazard	KY	Program about UK Athletics w/ call ins, ads

September 24 Tr

1540	WDBS	97.1	Sutton	WV	"The Boss 97.1 FM", ads 361
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September 25 Tr

1552	WPNE	89.3	Green Bay	WI	CLA music, RDS PI: WPNE, HD 2 CH 326
1557	WIXX	101.1	Green Bay	WI	News, RDS PI: WIXX 326
1559	WHID	88.1	Green Bay	WI	Legal ID, "Ideas Network", mono 325
1602	WRQE	93.5	New London	WI	Rock //stream, over local CBCL 355
1604	WBCM	93.5	Boyne City	MI	Weather report, rare 203
1614	WAPL	105.7	Appleton	WI	DJ banter, RDS PI: WAPL 325
1615	WYTE	106.5	Marshfield	WI	C&W, "Y-106.5, Wausau and area ads 419
1619	WKRU*	106.7	Allouez	WI	"Green Bays' Cruise 106.7" 324
1633	WPJP	100.1	Port Washington	WI	Catholic REL, Relevant Radio", mono 324
1635	WSUE	101.3	Sault Sainte Marie	MI	Ads, "Rock 101", rare 239
1900	WAXX	104.5	Eau Claire	WI	C&W, legal ID, "Wax" 474
1909	WIMK	93.1	Iron Mountain	MI	Ads, "93-Rock" 354
2000	WHDG	97.3	Rhineland	WI	C&W, "Hodag Country", legal ID 397
2011	WUPF	107.3	Powers	MI	"Eagle 107.3" 321
2021	WJJO	94.1	Watertown	WI	Ads, RDS PS: artist-song / PI: WJJO. Stayed in for over 5 hrs 381
2036	KSJN	99.5	Minneapolis	MN	CLA music, "Classical Minnesota Radio"
2044	WGLQ	97.1	Escanaba	MI	Ads, "Magic 97" 317
2053	WOBE	100.7	Crystal Falls	MI	Top 40, legal ID, loud 354
2109	WCMM	102.5	Gulliver	MI	C&W, "The Country Moose", rare 292
2229	WVRN	88.9	Wittenberg	WI	VCY REL 382
0255	WSAU	90.9	Wausau	WI	CLA music //stream 414
2302	KTCZ	97.1	Minneapolis	MN	"Cities 97", RDS PI: bogus KAYJ 582
2335	WRHN	100.1	Rhineland	WI	Ads 411

September 25 Ms

2332	Unid	100.1	?	??	RDS PI: bogus WZBL / PTY: News, beamed NW
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September 27 Ms

1539	KEOM	88.5	Mesquite	TX	Oldies //stream 1108
1957	Unid	92.3	?	??	RDS PI: bogus KWSB, beamed SW

October 01 Tr

1556	WVPE	88.1	South Bend	IN	"NPR Fresh Air", HD 274
1559	WSND	88.9	Notre Dame	IN	CLA music, legal ID 275
1604	WONU	89.7	Kankakee	IL	REK: AC, "Shine FM" 365
1611	WCCQ	98.3	Crest Hill	IL	C&W, "Your Hometown Country Station WCCQ", ads 371
1619	WFMT	98.7	Chicago	IL	CLA music //stream 332
1626	WTMX	101.9	Skokie	IL	Ads, RDS PI: WTMX 332
1632	WPPN	106.7	Des Plaines	IL	Presumed with Spanish music 343
1634	WLEY	107.9	Aurora	IL	Presumed with Spanish music 352
1639	WBEZ	91.5	Chicago	IL	TLK, RDS PS: WBEZ 331

1641	WLIT	93.9	Chicago	IL	"Chicago's new My FM", RDS PI: bogus KAZN, rare 332
1645	WIIL	95.1	Kenosha	WI	Concert promo, "95 Will Rock" 330
1646	WNUA	95.5	Chicago	IL	Spanish / English ads, RDS PI: bogus KDKU
1650	WWDV	96.9	Zion	IL	Classic rock, "The Drive" //WDRV-97.1 330
1651	WDRV	97.1	Chicago	IL	Classic rock, "The Drive", RDS PI: WDRV
1656	WJQK	99.3	Zeeland	MI	REL: AC, RDS PS: artist-song / PI: WJQK, over local CJBC4 230
1659	WKSC	103.5	Chicago	IL	"103-5 Kiss FM", RDS PI: bogus KCZU 332
1701	WCSY*	103.7	South Haven	MI	"Super Hits 103.7 Cozy FM", local news 255
1709	WGNB	89.3	Zeeland	MI	REL: AC, RDS PS: WGNB 230
1712	WAYG	89.9	Grand Rapids	MI	REL: AC, RDS PS: WayFM / PI: WAYG 209
1714	WPWX	92.3	Hammond	IN	Hip-hop, RDS PI: WPWX 334
1716	WYVN*	92.7	Saugatuck	MI	DJ banter, ads, "92.7 The Van", over local CJBX 242
1720	W232CA	94.3	Detroit	MI	"Family Life Radio", 99 watts 115
1727	WLS	94.7	Chicago	IL	Ads 332
1735	WCPQ	99.9	Park Forest	IL	TLK //stream 359
1822	WMBI	90.1	Chicago	IL	Moody REL, HD 2 CH 349
1824	WJCH	91.9	Joliet	IL	Preacher, "Family Radio", calls at BOH 376

#### October 04 Ms

1859	Unid	88.3	?	??	Bogus RDS PI: KQED, beamed S
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#### October 06 Ms

1359	KWQW	98.3	Boone	IA	RDS PI: bogus KWPV 632
1520	CKSB*	88.1	Winnipeg	MB	Several pings of French //stream. New station, still in testing phase 867

#### October 07 Ms

1858	CKSB	88.1	Winnipeg	MB	Several pings of French //stream 867
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#### October 08 Tr

1726	WIXX	101.1	Green Bay	WI	Rock //stream 326
2033	WAPL	105.7	Appleton	WI	Strong with rock by Judas Priest, calls 325
2059	WZOR	94.7	Mishicot	WI	Green Bay ads, "Razor 94-7", legal ID 315
2103	WPJP	100.1	Port Washington	WI	Presumed with Rosary, mono 324
2126	WPNE	89.3	Green Bay	WI	CLA music //stream 326
2137	WIMK	93.1	Iron Mountain	MI	Weather, "93-Rock" 354
2247	WUPF	107.3	Powers	MI	Rock, "Eagle 107.3" 321
2308	WIKB	99.1	Iron River	MI	C&W, ads 384
2321	WHDI	91.9	Sister Bay	WI	WPR Ideas Network //WHID-88.1, ID at BOH, mono 297
2340	WJNR	101.5	Iron Mountain	MI	Weather, ads, "Frog 101-5" 354
2359	WHND	89.7	Sister Bay	WI	Legal ID, mono 297

#### October 09 Tr

1530	WPJP	100.1	Port Washington	WI	Catholic REL, Relevant Radio", mono 324
1536	WAPL	105.7	Appleton	WI	Calls, RDS PI: WAPL 325
1538	WPNE	89.3	Green Bay	WI	Underwriters list, HD 326
1544	WHQG	102.9	Milwaukee	WI	Ads, "The Hog" 327
1549	WIXX	101.1	Green Bay	WI	Calls 326
1718	WHID	88.1	Green Bay	WI	Upcoming concerts in GB, mono 325
1757	{WNLi}	88.5	Sturgeon Bay	WI	REL: AC, legal ID, ex WRGX 303
1809	WNCY	100.3	Neenah-Menasha	WI	C&W, "Y100", RDS PS: WNCY 335
1813	WDUZ	107.5	Brillion	WI	Ads, "CBS Sports Radio The Fan" 325
1823	WVBO	103.9	Winneconne	WI	Oshkosh ads 348
1832	WUWM	89.7	Milwaukee	WI	TLK, RDS PI: WUWM 322
1842	WYMS	88.9	Milwaukee	WI	"Radio Milwaukee" 322

October 10 Tr

1850	WIXX	101.1	Green Bay	WI	Talk about Packers FB, RDS PS: 101 WIXX
1854	WPNE	89.3	Green Bay	WI	TLK, HD 2 CH 326
1855	WAPL	105.7	Appleton	WI	Rock, "The Apple" 325
1858	WUWM	89.7	Milwaukee	WI	Looking for donations 322
1950	CBOQ	103.3	Ottawa	ON	"CBC Radio 2" //CBL-94.1 310
2010	WFRG	104.3	Utica	NY	C&W, "Big Frog 103" 311
2028	CKQB	106.9	Ottawa	ON	Rock, "The Bear 106-9" 310
2236	WRUR*	88.5	Rochester	NY	Finally with ALT rock, "Different Radio" 202
2248	WQBW	95.1	Honeoye Falls	NY	Ads, "95-1 The Brew", rare 211
2255	{WBZA}	98.9	Rochester	NY	AC, "The Buzz", ex WKLX 197
2301	WRMM	101.3	Rochester	NY	Legal ID, "Warm 101.3", rare 197

October 11 Tr

2045	WQEL*	92.7	Bucyrus	OH	HSFB, calls, over local CJBX 209
2054	WKXA	100.5	Findlay	OH	C&W, legal ID, over local CBBL 214
2059	WNDH	103.1	Napoleon	OH	Legal ID during HSFB game, rare 208
2101	WZOM	105.7	Defiance	OH	Legal ID during HSFB game, over local CJMI

October 12 Tr

0957	WEEC	100.7	Springfield	OH	REL, legal ID, off back of beam 279
1046	WDHT	102.9	Urbana	OH	Dayton area ads, "Hot 102.9" 280
1059	WONB	94.9	Ada	OH	Legal ID, RDS PS: artist-song / PI: WONB

October 17 Ms

2131	Unid	88.5	?	??	RDS PI: bogus WWEV / PTY: Jazz, beamed SW
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October 19 Ms

1223	{WRQQ}	103.3	Hammond	LA	RDS PI: WRQQ / PTY: Adult Hits, previous Es, ex WCDV 1045
1318	KYQQ	106.5	Arkansas City	KS	Several bursts of Spanish //stream 918
1408	WDXB	102.5	Pelham	AL	RDS PI: bogus KFQX / PTY: Country 758
1409	KEZK	102.5	Saint Louis	MO	RDS PI: KEZK / PTY: Adult Hits 574
1704	WXRR	104.5	Hattiesburg	MS	RDS PI: WXRR, previous Es 937

October 19 Tr

1250	WLBC	104.1	Muncie	IN	Ads 310
1413	WWCD	102.5	Baltimore	OH	Rock, "CD 102.5" 272
1559	{WNKE}	104.1	New Boston	OH	Underwriters list, legal ID, ex WPAY 349

October 26 Tr

1919	WYSO	91.3	Yellow Springs	OH	Calls 292
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October 26 Ms

2145	CKMW	88.9	Winkler	MB	RDS PS: Country 88 / PI: bogus WSQ 875
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October 27 Ms

1209	KQZQ	98.3	Kiowa	KS	Several bursts C&W //stream 992
1708	CBW	98.3	Winnipeg	MB	Several bursts //stream, playing French music 867

November 05 Ms

1835	KEOM	88.5	Mesquite	TX	Oldies //stream 1108
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## AUSTRALIAN TROPO!

Ryan Leigh Donaldson, Brisbane

Recently, extreme heat waves & subsequent wild fires occurred near Sydney causing some welcome 'out of season' Spring Equinox tropo here in Brisbane, Australia. These fires made international news I believe. Since the mailing list is quiet at the moment, I thought I would take this opportunity to share some video I captured illustrating the recent FM ducting. Signal levels were amongst the best ever experienced.

25-26 September

The video stars Noumea stations 'NC 1ère' (that is, 'Premiere') with 5.3 kW ERP (919mi) from Mont Koghis & 'NRJ' from Mont Coffyn with a lower HAAT and power, FMscan data provides a 1 kW nominal figure. There is intermittent RDS decoding on the Sony ST-505ES. This is a water path. Due to the relatively low power, sadly three years or more can elapse before I hear this French Polynesian island again via tropo!

[http://fmdx.au.com/doc/tropo\\_26092013\\_9-55pm.avi](http://fmdx.au.com/doc/tropo_26092013_9-55pm.avi) (16 MB, HD, camera mic audio)

Within the same two hour period, VK4OX and ZL3TY made CW and SSB contacts on 144.1008 MHz at 1,496 mi between Australia and New Zealand. ZL3TY and VK4CZ made JT65 digital contacts on 144.23 MHz. New Zealand amateur ZL3TY also heard ships out to 641 mi from his AIS node. The Noumea AIS node was tracking these ships over a 24 hour period:

[http://fmdx.au.com/doc/noumea\\_26-27\\_september\\_plot.png](http://fmdx.au.com/doc/noumea_26-27_september_plot.png)

12-13th October

Cairns FM (2,451 ft ASL) was received at home for several non-consecutive hours, disappearing before midnight but back stronger from roughly 4:30 am. The distance is 829 mi. Cairns is a city in Far North Queensland. This is a coastal path but not entirely water, it is well sited and broadcasting frequencies are on the high end of the band which helps immensely.

Cairns was received on the newly added Akai AT-57 at the strongest levels ever heard at home. The video features IDs for nationally networked public broadcasters 4JJJ 107.5 'Triple J' and 4QCC 106.7 'ABC Local Radio' from Cairns. 4ABCRN 105.1 & 4ABCFM 105.9 are also featured briefly from the same site. None provide local programming, the feed is taken from Sydney.

<http://fmdx.au.com/doc/cairnsAV588-6.avi>

(37 MB, SD, line level MP3 audio)

Simultaneously, 144.1 MHz contacts on SSB were made at a distance of up to 862 mi between Brisbane-Atherton in Far North Queensland (2,625 ft ASL).

## 1598 MILE WSPR TROPO ACROSS THE BIGHT

Leigh Rainbird VK2RR

31.10.13 Morning –

This morning thought there could be a slim chance of a Bight Path to VK6 and when I got up out of bed indeed there was.

I had recorded a very weak -31dB WSPR report of Derek VK6DZ from Ellecker (west of Albany WA) at about 5am. This is 2664 km and is the current Australian record digital mode path for 2m band. The previous evening I had listened very hard for the Esperance VK6REP beacon on 144.568 MHz and heard nothing, but this morning, on initial switch over to that frequency, I could hear a tone, upon tuning up closer to where it had drifted to, it was the Esperance beacon. Very happy to hear this, and it got to 5/1 signal at 2314 km.

Later at about 8 am another signal made it through from Derek VK6DZ this time a -29dB. Other signals were heard around Adelaide area but nothing of great significance.

This morning I was the only station on the eastern side of the Great Australian Bight to hear anything from Western Australia. Even stations in Adelaide could not pick up this path.

03.11.13 Morning –

The night before I was relatively confident of a Bight path back to Western Australia, I even emailed Derek VK6DZ to let him know. Despite the Hepburn charts not indicating it would get here I was fairly sure that the low pressure trough that was present between myself and the Bight path and come past me and the barometer was rising again slightly.

In the early evening there was a small low pressure trough indicated on BoM MSLP maps and was some lightning and rain showing near Kangaroo Island, but I was fairly confident this would be pushed north enough and that the path from myself to Derek would actually run below that area.

I went to bed early so I would be OK with getting up early. I think I got out of bed at 6am, stumbled into the radio room. Tuned on computer screen and stopped my 160m WSPR station from TXing. Had a look at the 2m WSPR screen and there was some stuff recorded there, didn't really see what it was, probably VK5LA, minimised it; had a look at 162 MHz Marine tracking, only 2 signals recorded there from near Adelaide. Put 2m WSPR screen back up, theres all those signals again... look away .. look back.. focusing properly.. VK6DZ !!!!! on 2m WSPR! not VK5LA at all but about 13 signals on screen from Derek VK6DZ!! at 2664 Km! Couldn't believe I just minimised it the first glance lol. Wow then I got excited.

Brilliant, Derek had been getting his 10 Watt, 2m WSPR signal in here from 4am. It was now about 6.30 am and it was still getting stronger, but now it was really audible and up to -4dB. About 25dB stronger than on the 31st. This was awesome to see. Derek was also hearing my 10 Watts WSPR that I was sending back.

Then I had a listen for Esperance 2m beacon and could hear it again on 144.568 up to 5/1 at 2314 km. Awesome again.

I looked numerous times for the Albany beacons (not far from Derek) but they could not be heard here. Nor were they heard anywhere else. The Adelaide 2m beacon (764 km) only got to about 5/4 max signal that I noted. 70cm beacon got to 5/1. I had my 162 MHz Marine Tracking looking west, I heard a ship close to Ceduna SA, this was 1231 km. There was another on WSW of Port Lincoln about same distance. That was as far west as I could hear there. I got a number of other marine tracking signals from near Adelaide and up near Whyalla. It was strange around South Australia, the Adelaide beacon was only relatively weak, but some other areas were good.

Port Lincoln 2m repeater - 1019 km - 5/4  
Cowell 2m repeater - 961 km - 5/7  
Port Augusta 2m repeater - 913 km - 5/9+  
Port Pirie 2m repeater - 867 km - off the scale at 5/9+60+  
VK5KLV, Port Augusta, 2m FM simplex - 910 km - 5/7  
VK5DMC, Port Pirie, 2m FM simplex - 866 km - 5/4  
VK5PJ, Barossa Valley, 2m SSB - 735 km - 5/9+  
VK5PJ, Barossa Valley, 70cm SSB - 735 km - 5/9+  
VK5BC, Barossa Valley, 2m SSB - 764 km - 5/9+  
VK5LA mobile 2m FM simplex - 725 km - 5/3

I could hear most of the 2m repeaters in South Australia and some 70cm repeaters. 70cm band (432 MHz) definitely was not influenced greatly by this duct, it was mostly 2m. I didn't bother with 1296 MHz.

I had 2m WSPR signals from Derek VK6DZ till 9am. But I heard from Derek this afternoon and he advised that there was a power outage about this time, so it may have gone on for a bit longer but his computers and radios went offline for a short while. Hepburn charts for tonight do not look that good. But they MSLP maps look ok, the weather at this end should be OK once the wind dies down. So I will definitely be looking out again this evening and in the morning for more DX.

*I should acknowledge that I am now running 4 x 17 element, 40 ft (12m) long boom LFA yagis on 144 MHz. These are from Innovantennas, UK. While on semi local testing they would appear to have not as good a F/B ratio as I would have thought, they certainly seem to be working well with these tropo openings. Thanks Justin.*

Regards  
Leigh VK2KRR



# Poof!? Why are Low Power FM stations vanishing?

Posted on October 28, 2013 by Matthew Lasar



In our last post on the latest broadcast station statistics I noticed that while the number of FM radio stations is steadily increasing, the number of Low Power FM stations has been consistently declining.

Take a look at the Federal Communications Commission's broadcast station spreadsheet (excel download): over 860 LPFMs in March of 2010, down to 838 in December of 2011, down to 809 in December of 2012, down to 788 as of September of this year.

What is happening to these poor little LPFMs? I emailed Peter Doyle of the FCC's Media Bureau for an explanation.

"It's funny you mention this," Doyle responded. "I was roped into doing a NY/NJ license renewal webinar on Wednesday. There were two practitioners on the panel who were deep into the 'shock and awe' shtick, trying to convince broadcasters that their only hope of surviving the renewal process was to pay them BIG BUCKS to steer their renewal applications through treacherous waters. I tried to push back with some statistics showing that the vast majority of renewals are granted without conditions and in a timely way."

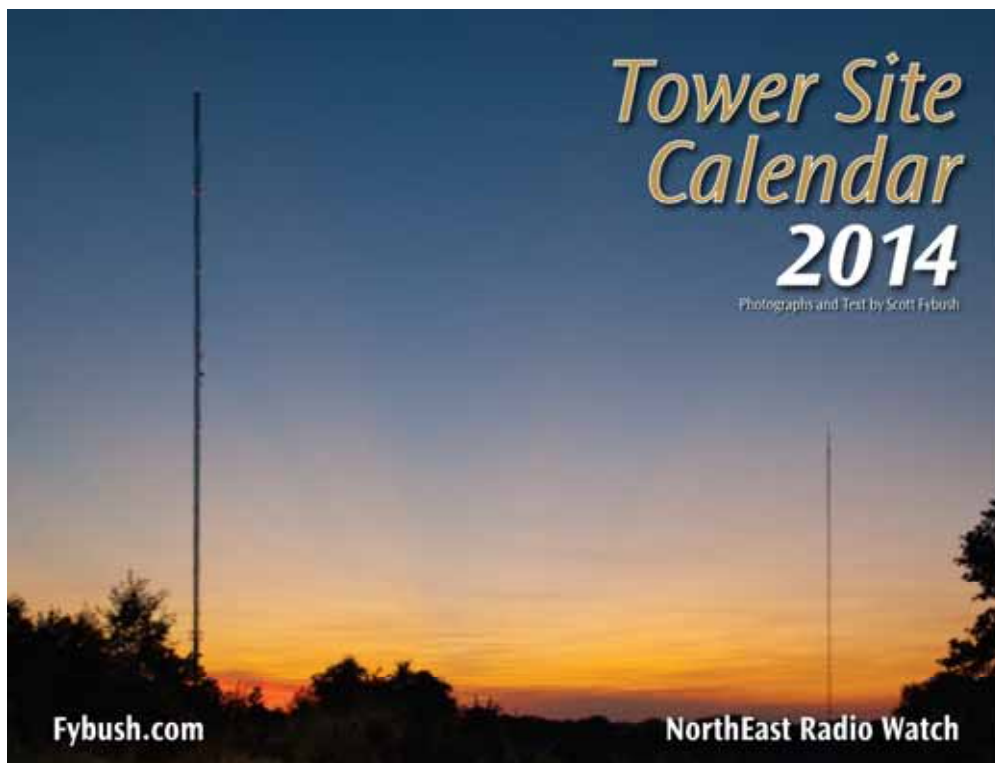
But LPFMs are the exception to this trend, Doyle noted:

"Although not required, we now have a very aggressive staff 'outreach' program in place when stations miss the renewal filing date for stations in their state. (This helps some of our most challenged customers while also reducing greatly the back end work in issuing \$3K to \$7K fines.) Anyway, we have found time and time again that LPFM licensees have simply disappeared, leaving no evidence of their whereabouts or of their former stations. The peak for LPFM licenses (864) is noted in the 12/31/10 station totals – a few months before the start of the 2011-2014 radio renewal cycle. The Wednesday webinar was the first time I commented publicly on this phenomenon. (As noted in your Radio Survivor post today, we've also seen a minor drop in AM licenses since 2002 as well and uncovered some 'abandoned' AM stations in the current renewal cycle as well. The AM numbers would be more dramatic except that we added hundreds of new AM licenses after 2002 through the 2000 and 2004 AM new station filing windows.)"

Since the radio renewal cycle runs through mid-2014, these LPFM trends could persist for a while. "Of course, I am hopeful that we will be able to ADD to the inventory of LPFM licenses beginning next year based on filings in the current window," Doyle added.

One more thing:

"I used to also highlight the issue of LPFM station 'attrition' by citing another statistic – the number of stations for which a construction permit was issued but for which no 'covering license' was filed, i.e., the station was not built and the CP [construction permits] expired by its own terms. We issued something like 1400 LPFM CPs – so something like one-third of these potential stations were never constructed. Just for fun, I asked an engineer to calculate the same statistic for the NCE [non-commercial educational] full power stations based on filings in the 2007 window. The 'fail' percentage turned out to be almost identical! Obviously, both snapshots straddle the 2008 economic collapse and that might have something to do with what seems to me to be a surprisingly high 'fail' rate."



**POPULAR CALENDAR HIGHLIGHTS BROADCAST BEAUTIES**  
*Radio and TV people eagerly await thirteenth edition*

ROCHESTER, NY – Every year, journalist/photographer Scott Fybush goes in search of the prettiest radio and television towers. Yes, you read that right. Prettiest towers.

When he finds them, he tries to get the most artistic photos, incorporating natural landscape, clouds and of course, the sun. He does this every year, and has for more than a decade.

The result? An annual wall calendar that showcases artistic photos of important and historic broadcast tower sites from coast to coast. The 2014 edition is hot off the press.

“Some people may think all radio towers look alike, but the Tower Site Calendar shows every year that that’s not the case,” says Fybush, who has worked in radio and television news for more than two decades. The calendar began in 2002 as an outgrowth of his weekly industry news column, NorthEast Radio Watch, and its offshoot, “Tower Site of the Week,” a weekly feature at his [fybush.com](http://fybush.com) website.

“It has developed a passionate following in the broadcast engineering community,” Fybush says. “Engineers are notoriously underappreciated for the hard work they do. The calendar is one way I can help show some recognition for their design and maintenance of the infrastructure that allows all of us to have easy access to radio, TV and cellphones.”

The 2014 edition, now shipping from the Fybush Media store ([store.fybush.com/store](http://store.fybush.com/store)) features thematic page designs, durable coil binding and 13 new pictures taken from Fybush’s travels all over North America and beyond. Some of the highlights this year:

- **The former site of KBRT.** This daytime-only AM station broadcast from southern California’s Catalina Island until this year, inspiring the popular song “26 Miles.”
- **The home of Chicago’s AM 1160.** The four-tower array actually sits in Des Plaines, Illinois.
- **WTAG, Worcester Massachusetts.** The station, named for its former owner, the Worcester *Telegram and Gazette*, celebrates its 90<sup>th</sup> anniversary in May.
- **A master antenna system in Crestwood, Missouri.** Built in 1986, the combiner system houses 11 St. Louis stations.
- **KFAQ, Tulsa, Oklahoma.** The city’s oldest surviving radio station (and the station that launched Tulsa native Paul Harvey) is near the old Route 66.

In addition to the photos, the calendar’s monthly pages include significant dates in radio and television history, as well as civil and religious holidays.

The 2014 calendars cost \$18.50 each (\$19.98 including sales tax for New York State residents) plus \$3.50 shipping; and can be purchased by check (payable to “Fybush Media”) or money order to 92 Bonnie Brae Avenue, Rochester NY 14618. Orders can also be placed with major credit cards, or online at [www.fybush.com](http://www.fybush.com).

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