



VHF-UHF

The Magazine for TV and FM DXers

DIGEST

August 2019



The Official Publication of the Worldwide TV-FM DX Association

The Dark Days of Sporadic E's



The Sun Transitions from
Solar Cycle 24 to Cycle 25

***So how do YOU feel about the
2019 E Skip Season, eh?***



THE VHF-UHF DIGEST

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, KEITH MCGINNIS, JIM THOMAS AND MIKE BUGAJ.



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Visit our club website at <http://www.wtfda.org> . Participate in our forums at <http://forums.wtfda.org>.

Our real-time (prop logger) bulletin board is located at <http://wtfdadxbb.vci.net>. Only WTFDA members can participate.

You can find WTFDA on Facebook. Our group is called [TV and FM Dxing](#). This is a public group. We also have a private group called [WTFDA](#). This group is just for WTFDA Members.



The WTFDA FM Database is administered and updated by your fellow WTFDA members. It is completely free to use. You can find it at <http://db.wtfda.org>. Only the FCC and Radio-Locator top us on Google searches.

FM Radio Station Database

db.wtfda.org/ ▼

Database of US Canadian Mexican Central American and Caribbean FM Radio Stations.



The Mailbox

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DUES RECEIVED

DATE	NAME	S/P	EXP
6/20/2019	Mike Lazaro	NY	6-20
7/17/2019	David Smith	UK	8-20
7/18/2019	Steve French	MN	8-20
7/18/2019	David Sinclair	BC	7-20
7/18/2019	Doug McAbee	MI	6-20
7/18/2019	Brett Saylor	PA	7-20
7/18/2019	Craig Cook	FL	6-20
7/18/2019	John Zondlo	OK	7-20
7/18/2019	Robert Ross	ON	7-20
7/18/2019	Bill Coury	MI	6-20
7/19/2019	Wally Bloss	MO	6-20
7/26/2019	Alan Michalek	MA	7-20
7/26/2019	Ronald Purdue	MN	7-20
7/26/2019	Todd Brandenburg	KS	8-20
7/27/2019	Doug Smith	TN	7-20

This week we welcome David Smith and Todd Brandenburg to the WTFDA. Todd lives in Topeka, KS, and David, as far as I can recall, is our first UK member. David lives in Huddersfield, West Yorkshire. Welcome to both of you! And thank you everyone for renewing your membership in the WTFDA!

Todd Brandenburg writes: Back in the late 80s and 90s, I was a WTFDA member. Real life got in the way of my Dxing, so I let my membership lapse. Got out of vhf dx (ham or broadcast) entirely after my last antenna setup came down in a thunderstorm. The bug is biting again, so sometime in the next few weeks my FM-10 will go back up on the roof. Need to find new mast (all of mine are bent thanks to storms) and guy wire clamps, which may require a visit to a Radio Shack franchise store near Wichita.

My DX gear...AM and NDB (what's left of them anyway): Kenwood TS-450S and my 40m vertical.

Not directional, but surprisingly it works very well on both bands – electrical storms permitting.

FM – a modified Curtis Mathes tuner I got from a ham friend. He'd done the Tim McVey If circuit mod to it (ATTN: Tim, I know you're reading this – ed)

2m ham – Icom 251A I bought used in 1989. Cushcraft 13B2 yagi that will go on same mast as the FM-10.

NSW – Kenwood TM261 2m (shack rig for eons) and omni vertical.

I've been looking at one of the SDRPlay radios that Ham Radio Outlet carries but haven't jumped yet. Partly because I'd need to build a new computer to handle it (unless you a crappy old single core computer, it should work ok on a straight dual-core computer as long as you keep your bandwidth down to a couple of mhz, not the full 8mhz –ed)



There is no Coast to Coast TV DX column this month. You old timers may remember when there were both Eastern TVDX and Western TVDX columns in the VUD. Those were combined to just one column with Nick as editor. But some major contributors have since either passed away, left for Facebook or became victims of the repack unable to do any TV DXing at all. So I'll ask the question...if CTC TV DX were no longer, would you miss it? It can't exist without contributors, you know.

The Short Answer:

What are sunspots and solar flares?

Sunspots are areas that appear dark on the surface of the Sun. They appear dark because they are cooler than other parts of the Sun's surface. **Solar flares** are a sudden explosion of energy caused by tangling, crossing or reorganizing of magnetic field lines near sunspots.

Here are some thought about the 2019 skip season from Jim Thomas:

So where has all the good E's gone???

It's been all too recognizable this 2019 E-skip season, that almost all FM & TV dxers are in frustration from the lack of E's. When there have been skip openings, most are of short duration and the MUF remains relatively low. There have been a handful of E-skip openings that have entered the FM band and some have gone to the top of the dial, but those have been few and short lived.

In April of this year, the ARRL picked up on the news from NASA/NOAA that the current cycle (24) has all but ended and Cycle 25 began in October 2018. The ARRL, NOAA, and NASA all say its an extremely slow start, being compared to a snail's pace. In the quarterly NOAA/NASA press release, which was released the last week of June of this year, they commented that the Sun has been in a deep solar minimum since early last year, with its low point this past February, when there were no sunspots on the surface for the entire month. At any given time during active years, there is an average of 90 sunspots on the surface of the Sun. The NASA/NOAA press release also said the Earth is not headed towards a Maunder Minimum, which some scientists had predicted 10 years ago. The "Maunder Minimum" phrase was coined in 1976, after the solar minimum of 1645 to 1715, when the Earth went through a very dark solar cycle, which also effected global weather.

Further, the NASA/NOAA press release stated that the lack of solar activity has not affected the

ionosphere the way most radio enthusiasts are familiar with, regarding expectations of the production of radio signal reflections, such as the production of Sporadic Es and Aurora propagation. NASA has acknowledged that the current solar cycle low is the lowest recorded in the past 100 year period.

The ARRL anticipates an improving solar cycle, with the new cycle peaking sometime between 2022 and 2025. The ARRL cited in their own press release published on April 8, 2019, "While we are not predicting a particularly active Solar Cycle 25, violent eruptions from the sun can occur at any time," said Doug Biesecker, panel co-chair and a solar physicist at NOAA's Space Weather Prediction Center (SWPC). An example of this occurred on July 23, 2012, when a powerful coronal mass ejection (CME) eruption missed Earth but enveloped NASA's STEREO-A satellite. A 2013 study estimated that the US would have suffered between \$600 billion and \$2.6 trillion in damages, particularly to electrical infrastructure, if the 2012 CME had been directed toward Earth. The strength of the 2012 eruption was comparable to the famous 1859 Carrington event that caused widespread damage to telegraph stations around the world and produced aurora displays as far south as the Caribbean.

Pardon the pun, but the solar cycle is beginning to look up. It just may take a while to get back to the "good old days" of a full blown E-skip opening.

I know that some people are really bummed out by the lack of Es this summer. In my own case, it's probably a blessing. My wife and I have spent the last five years helping raise my two grandsons. Grandkid #1 is in school now so that leaves us with grandkid #2, who is now 2 1/2. We've been watching him two days a week since he was born. Now it's up to five days a week and sometimes we get both of them for the day. It's work. I didn't really miss the Es this summer. -Mike

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- Nuking The Big Boys*. How To Neutralize IBOC & Cell Tower Signals Without Filters.
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- Pay Up*. How to Earn a Living as a Full-time DXer.
- Hardcore DXing*. DX Secrets From the Dark Web. Is It Really Legal?

TV News

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August 2019

Location	RF Ch	Callsign	Notes
Alabama			
Dothan	35	WAWA-LD	From 18; granted.
Enterprise	14	WFRW-LD	Requests STA 600 watts/27m; interim reduced-power installation pending system-wide upgrade.
Enterprise	27	WGEI-LD	Requests STA for this channel (ex.-ch. 26) 600 watts/26m; interim reduced-power installation pending system-wide upgrade.
Mobile	20	WMPV-TV	Requests STA 315kw/136m; interim pre-repack facility pending installation of post-repack antenna. Granted. Modified to specify 350kw/529m.
Montgomery	4	WNHT-LD	Requests power increase to 3kw/54m, 33-14-33/86-48-53.
Montgomery	22	WCOV-TV	Requests STA 40.6kw/219m, 32-20-07/86-17-16; interim post-repack antenna pending installation of permanent antenna.
Montgomery	34	WFRZ-LD	Returned to the air July 2 nd .
Montgomery	46	WMCF-TV	Requests STA 175kw/80m; interim pre-repack facility pending installation of post-repack antenna. Granted.
Selma	32	W32FM	From W49DZ; granted.
Troy	19	WIYC	From 48, 185kw/343m; granted.
Troy	20	W20EP	From W40DI; granted.
Tuscaloosa	23	WVUA-CD	OFF Jan. 23 rd , lightning damage. Not sure why this didn't show up until July 3 rd ; it appears to have been filed on Feb. 1 st .
Alaska			
Anchorage	22	K22HN	Power increased to 15kw/-34m, 61-11-08/149-52-23.
Seward	7	K07PG	Requests conversion to digital, 300 watts/-437m, 60-06-12/149-26-12. For some reason this was filed as an application for a new station.
Arkansas			
Paragould	24	KPMF-LD	Moved from 26, 15kw/331m. This would seem to be incompatible with K24NY, also licensed to Paragould, which moved from K33MV last month. However, K24NY specifies a tower site northeast of Memphis, Tennessee and far enough from Paragould to coexist.
California			
Atascadero	46	KCCF-LD	OFF July 23 rd , co-owner died.
Big Bear Lake	6	KZNO-LP	Requests conversion to digital, 3kw/867m; granted.

Location	RF Ch	Callsign	Notes
Ceres	20	K20OO	From K42JI, 15kw/14m; granted. That's K-Twenty-Oh-Oh.
Esparto	4	K04QR	OFF July 21 st , amplifier failure.
Fresno	14	KJEO-LD	From 32.
Glen Arbor	5	KBKF-LD	From 42, 300 watts/553m, 37-24-39/122-18-24 dismissed; reason not given.
Indio	8	KVPS-LD	Requests power increase to 3kw/181m, 33-51-57/116-26-01.
Los Angeles	26	KEDD-LD	Returned to the air July 3 rd .
Palm Springs	20	KCWQ-LD	Moved from 26.
Petaluma	6	KFMV-LD	Requests power increase to 2kw/661m, 37-55-45/122-35-13. (Mt. Tamalpais) Granted.
San Diego	15	KVSD-LD	Requests STA 99 watts/262m, 33-06-55/117-09-04; to operate existing studio-transmitter link as main transmitter pending completion of repack move to ch. 35. Apparently granted, as KVSD returned to the air under this STA on July 20 th .
San Jose	23	KSCZ-LD	From 20, 15kw/690m.; granted.
Santa Barbara	17	KSBB-CD	Power increased to 15kw/-29m.
Turlock	4	KBIS-LD	Power increased to 1kw/85m, 37-38-59/121-01-27.
Twentynine Palms	23	KVMD	Granted power increase to 201kw/779m for DTS site #1. Site #2 remains 166kw/890m.
Vallejo	34	KFSF-DT	Application for new auxiliary transmitter, 250kw/419m.
Yreka	4	K04HE	License canceled July 18 th , reason not given.
Colorado			
Cheyenne Wells	30	K30QN	From K38MK; granted.
Denver	3	K20KE	Moved from 20, 3kw/144m, 40-07-18/104-36-18.
Denver	14	KZDN-LD	From 31, 15kw/235m.
Lyons	16	KBRO-LD	Requests power reduction to 70 watts/-10m, 40-00-43/105-11-18. Amendment from 10 watts, which was a typo. Granted.
Manitou Springs	47	K47FJ	OFF July 8 th pending move to ch. 4; displaced by T-Mobile.
Silt	20	K49AH	Moved from 49, 1kw/772m, 39-25-21/107-22-34.
Snowmass Village	17	K17OK	From K49MB, 70 watts/-211m; granted.
Snowmass Village	35	K35PE	From K45MB, 70 watts/-211m; granted.
Steamboat Springs	10	KRMZ	OFF July 15th, needs to reorient satellite dish to receive programming from KRMA Denver.
Vail	45	K45IE	OFF July 17 th ; transmitter failure.
Woody Creek	14	K46KI	From 46, 60 watts/93m; granted.
Woody Creek	27	K27OV	From K48LO, 55 watts/93m; granted.
Woody Creek	32	K32OK	From K38LD, 55 watts/93m; granted. (previously reported but K32 calls now assigned)
Connecticut			
Hartford	31	WRDM-CD	See sharing host WVIT New Britain.
Hartford	35	WHCT-LD	From 38, 15kw/295m, 41-42-13/72-49-55; granted.
New Britain	31	WVIT	Granted permission to test on post-repack channel despite interference to pre-repack WPXN-TV New York City.
Stamford	21	WEDW	Requests STA to operate only Site 1 (Bridgeport) of a two-transmitter DTS. Site 2 (Empire State Building, NYC) is not yet ready. Granted.
Delaware			
Seaford	24	WDPB	New post-repack aux in service, 40kw/129m, 38-39-16/75-36-39.
Wilmington	34	WPPX-TV	Requests STA 131kw/251m, 40-02-39/75-14-25; interim post-

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
			repack antenna pending structure modification. Granted.
District of Columbia			
Washington	31	WETA-TV	Moved from 27, 240kw/172m, 38-53-30/77-07-54 (aux)
Florida			
Fort Myers	27	WLZE-LD	From 20, 1`5kw/323m, 26-48-02/81-45-47; granted.
Jacksonville	42	WJXT	Granted STA 1000kw/210m, 30-16-25/81-33-12; interim antenna at alternate site pending installation of permanent antenna.
Live Oak	17	WFXU	From 48, 1000kw/118m, 30-25-18/83-33-20 dismissed, reason not given. Remains authorized for channel 17 at 11.6kw/133m at existing site.
Miami	18	W18EU	Requests STA to move from ch. 17 using the existing W17DG antenna. Displaced from ch. 17 by WBEH-CD but cannot install permanent ch. 18 antenna yet. Granted.
Miami	20	W24DE	Move from ch. 24 dismissed. Station sold to WLMF-LD's new owners.
Miami	20	WFUN-LD	Move from ch. 48 dismissed. Station sold to WLMF-LD's new owners.
Miami	20	WLMF-LD	From 51; no longer required to go to auction vs. W24DE & WFUN.
Miami	24	W24DE	Seeks waiver of 47USC312(g), the "off over a year & you're out" law. Displaced by WAMI-DT. Displacement application for ch. 20 is mutually exclusive with those of WFUN-LD & WLMF-LD, and the FCC has not yet chosen which station will get the channel. OFF July 3 rd .
Naples	16	WANA-LD	Requests 15kw/198m, 26-20-30/81-42-38; granted.
Naples	18	WUVF-LD	Requests 15kw/198m, 26-20-30/81-42-38; granted.
Ocala	12	W12DQ	From W48EE, 3kw/103m; granted.
Panama City	19	WIDM-LD	Requests STA 600 watts/9m; interim reduced-power installation pending system-wide upgrade.
Panama City	25	W16CX	Requests STA for this channel (ex.-ch. 16) 600 watts/2m, 30-21-09/85-23-28; interim reduced-power installation pending system-wide upgrade.
Georgia			
Augusta	31	WFXG	Requests STA 247kw/344m; interim pre-repack antenna pending installation of post-repack antenna. Granted.
Augusta	34	W34FO	From W51EP, 5kw/128m; granted.
Augusta	51	WFXG	STA 37kw/363m dismissed. Reason not given, but station moved to ch. 31 in 2016...
Hinesville	36	W36EZ	Granted power increase to 15kw/126m, 32-03-55/81-21-05.
Macon	30	WMGT-TV	Moved from 40, 90.1kw/189m.
Norcross	23	WKTB-CD	Requests power increase to 15kw.
Savannah	8	WVAN-TV	From 9, 36.5kw/389m; granted.
Savannah	33	WDID-LD	From 26, 10kw/119m, 32-05-47/81-19-10
Swainsboro	18	WUET-LD	Requests site change, 15kw/126m, 32-05-47/81-19-10
Hawaii			
Kailua	29	KKAI	Granted STA for two-transmitter DTS: Site #1: 2.6kw/79m, 21-25-20/157-45-28 near Kailua. Site #2: 24.1kw/687m, 21-24-11/158-05-51 near Nanakuli.
Idaho			
Boise	33	KBSE-LD	Application to operate in ATSC 3.0 beginning July 15 th ; granted.
Boise	34	KCBB-LD	Application to operate in ATSC 3.0 beginning July 15 th ; granted.

Location	RF Ch	Callsign	Notes
Bonnars Ferry	24	K44KK	Moved from 44, 134 watts/827m.
Coeur d'Alene	16	K16NR	From K18DT, 3kw/479m; granted.
Nampa	24	KIVI-TV	Granted STA 447kw/858m; transmitter unable to operate at full power.
Sandpoint	34	K30LS	From 30 withdrawn. Unnecessary; station is not displaced.
Illinois			
Champaign	7	W07DD	OFF July 1 st , transmission line stolen from tower.
Chicago	18	WMEU-CD	From 32, 15kw/475m; granted.
Chicago	20	WWME-CD	From 39, 15kw/444m; granted.
Chicago	27	WCIU-TV	Application for aux transmitter 21kw/510m; requests STA for interim use of previously-licensed aux at 160kw/510m during repack work. Granted.
Effingham	25	WEDK-LD	From 30, 15kw/74m; granted.
Peoria	10	WAOE	From 39, 24kw/212m, 41-16-55/88-56-11. To use former WWTO-TV tower (and channel) near Oglesby. However, it will be at reduced power and greatly reduced height. Granted.
Peoria	27	W27EQ	From W26DY, 15kw/76m, 40-37-19/89-28-36; granted.
Rockford	23	WFBN-LD	From 35, 15kw/198m, 42-17-48/89-10-15; granted.
Rockford	28	WIFR-LD	From 41, 15kw/216m; granted.
Indiana			
Evansville	36	WEIN-LD	From 40, 15kw/116m, 38-01-27/87-21-43; granted.
Jeffersonville	29	WJYL-CD	From 16, 5kw/29m, 38-22-08/85-49-48 (see WMYO-CD Louisville at same site) Granted.
South Bend	28	WMYS-LD	From 39, 15kw/334m; granted.
South Bend	35	WBND-LD	From 34, 15kw/320m; granted.
Iowa			
Des Moines	16	KDSM-TV	Returned to the air July 1st.
Des Moines	19	KDMI	OFF July 7th, equipment failure.
Des Moines	33	WOI-DRT	From 50; granted.
Kansas			
Colby	17	KLBY	Requests STA 38.4kw/201m; reduced-power temporary transmitter pending repairs to regular unit.
Pittsburg	7	KOAM-TV	Granted power increase to 98.8kw/320m.
Topeka	17	KAJF-LD	Requests STA 15kw/98m.
Topeka	28	KCMN-LD	Requests STA 15kw/98m.
Topeka	35	KQML-LD	Requests STA 10kw/98m.
Kentucky			
East Bernstadt	9	WOBZ-LD	OFF June 29 th , relocating transmitter. Some paperwork says calls are WBON-LD but best I can tell there is no such station.
Louisville	18	WMYO-CD	Requests 5kw/29m, 38-22-08/85-49-48. Granted.
Louisville	47	WAVE	Requests STA 400kw/330m; interim pre-repack antenna pending installation of post-repack unit.
Richmond	9	WBON-LD	Requests power increase to 3kw/145m, 37-39-36/84-09-00.
Louisiana			
Alexandria	29	K29NX	From K44LC, 15kw/249m; granted.
Maryland			

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Annapolis	21	WMPT	Requests STA 800kw/239m; interim post-repack antenna in case permanent antenna cannot be installed in time; granted.
Frederick	28	WFPT	Power increased to 71.3kw/156m.
Hagerstown	26	WDVM-TV	Requests STA 400kw/349m; interim pre-repack antenna pending installation of post-repack antenna. Granted.
Salisbury	28	WGDV-LD	Requests STA 15kw/145m; interim post-repack antenna at lower elevation for RF safety for workers on nearby WMDT antenna.
Massachusetts			
Boston	22	WPX-TV	Moved from 32, 150kw/335m, 42-23-03/71-29-35.
Boston	43	WGBX-TV	Application for pre-repack aux, 922kw/350m.
Lowell	23	WYDN	See sharing host WPXG-TV Concord, N.H.
Lowell	33	WYDN	Requests power reduction; see sharing host WPXG-TV Concord, N.H.. Granted.
Pittsfield	7	WNYA	From 13, 23kw/437m, 42-37-31/74-00-37.
Springfield	23	WDMR-LD	Moved from 51, 15kw/152m.
Springfield	26	WGGB-TV	Requests STA 120kw/304m; interim post-repack antenna pending delivery of permanent unit. Granted.
Woburn	22	WDPX-TV	Moved from 32; sharing on WPX-TV Boston.
Michigan			
Bay City	23	WBSF	Moved from 46, 600kw/365m, 43-13-01/83-43-17.
Mt. Pleasant	28	WBWM-LD	From 18; granted.
Minnesota			
Duluth	20	K20OP	From K48NP, 7.5kw/160m, 46-47-07/92-07-16; granted.
Minneapolis	25	KJNK-LD	Granted STA 1kw/243m; to operate at reduced power pending move to ch. 8. OFF July 19 th pending construction of permanent facility.
Saint Cloud	26	K26PF	From K47NE, 11.3kw/78m, 45-38-00/94-35-15; granted.
Mississippi			
Clarksdale	30	WQEK-LD	Moved from 18, 10kw/331m.
Meridian	21	W21DB	Returned to the air (under STA) June 27 th , but off again on the 29 th .
Missouri			
Joplin	21	KGCS-LD	Moved from 22, 15kw/213m.
Woburn	22	WDPX-TV	Moved from 32; sharing on WPX-TV Boston.
Montana			
Bozeman	28	KWYB-LD	Requests power increase to 11.9kw/226m, 45-38-20/111-15-58; granted.
Ferndale	33	K17JG	Moved from 17, 112 watts/90m
Helena	22	K22OH	From K51LX, 15kw/209m; granted.
Nebraska			
Columbus	14	K14SY	From K46MB, 15kw/39m; granted.
Lincoln	24	K1JK-LD	Requests power increase to 15kw/56m, 40-49-23/96-43-13.
Nevada			
Carson City	13	K13AAU	From K47NI, 2kw/690m; granted.
Pahrump	25	KPVM-LD	Moved from 46, 13kw/1174m, 35-57-55/115-30-02.
Panaca	30	K41MY	Site changed to 37-27-51/114-28-15.
Panaca	32	K43DS	Power reduced to 1.2kw/582m, 37-27-34/114-28-00.
Reno	20	KNSN-TV	Calls changed from KAME-TV.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
New Hampshire			
Concord	23	WPXG-TV	Requests power reduction to 80.6kw/342m. Granted. On the air on this new channel, ex-ch. 33.
New Jersey			
Camden	23	WNJS	Granted STA 60.7kw/264m; to operate post-repack facility at reduced power pending delivery of permanent full-power transmitter.
Edison	22	WDVB-CD	Requests STA 7kw/300m; interim post-repack facility pending completion of permanent system.
Jersey City	22	WTBY-TV	See sharing host WDVb-CD Edison.
Linden	35	WNJU	Granted STA to test on this post-repack channel in advance of permanent move. Will interfere with WVIT New Britain, Conn. which has consented to the STA. (because WNJU and WVIT are co-owned!)
Mount Laurel	28	WWSI	See sharing host WCAU Philadelphia.
Newark	26	WFUT-DT	From 30, 155kw/439m; granted.
Newark	30	WFUT-DT	Application for 200kw/429m, 40-44-54/73-59-09 (aux)
Paterson	26	WXTV-DT	See sharing host WFUT-DT Newark.
Paterson	30	WXTV	Application for aux, see sharing host WFUT-DT Newark.
Roseland	30	WNMF-LD	Requests power increase to 15kw/165m, 40-47-18/74-15-18. Dismissed at applicant's request.
Secaucus	25	WWOR-TV	Granted STA 39kw/520m.
Trenton	23	WNJT	See sharing host WNJS Camden.
New Mexico			
Albuquerque	23	KTVS-LD	Moved from 36, 8kw/1232m. Returned to the air July 16 th on this new channel.
Albuquerque	28	STA	Application for temporary station to cover the Albuquerque International Balloon Fiesta in October. 100 watts/-52m, 35-11-33/106-35-58, Balloon Fiesta Park.
Las Cruces	42	K42DJ	Request for conversion to digital 350 watts/54m dismissed; reason not given but has STA for ch. 22.
Moon Ranch	23	K43MQ	Moved from 43.
New York			
Albany	24	WTEN	Granted STA 1000kw/346m; interim pre-repack facility pending installation of post-repack unit.
Albany	32	W32FL	From W44CT, 8kw/277m; granted.
Binghamton	23	WBPN-LD	Cancelled July 2 nd .
Binghamton	27	WIVT	Requests STA 200kw/200m; interim post-repack antenna pending installation of permanent unit. Granted.
Binghamton	28	WBPN-LD	Application for new Digital Companion Channel for analog ch. 10, 15kw/369m. The deleted ch. 23 permit was technically a separate station with the same call letters...
Binghamton	42	WSKG-TV	Granted STA 35kw/408m; to operate at 70% power until transition to post-repack facility on or before August 2 nd . Power supply failure in pre-repack transmitter.
Buffalo	32	WUTV	Requests STA 1000kw/303m, 43-01-48/78-55-14. To use the WNLO/WIVB transmitter until WUTV's own ch. 32 facility can be built. WNLO/WIVB is moving to ch. 36. Granted.
Elmira	17	W17EJ	From W50ES; granted.
Garden City	32	WLIW	Requests STA 56.5kw/496m, 40-42-47/74-00-47 pending combiner tuning.

Location	RF Ch	Callsign	Notes
<i>Greenwich</i>	41	WVBG-LP	Granted new auxiliary, 58kw/520m, 40-42-47/74-00-47.
New York	7	WABC-TV	<i>OFF July 16th pending move to digital ch. 17; T-Mobile.</i>
New York	23	WXNY-LD	New aux on the air, 100kw/214m, 40-48-08/74-14-46.
New York	27	WNYW	From 32; granted.
New York	30	WNJJ-LD	From 44, 92.8kw/496m, 40-42-47/74-00-47.
New York	30	WNYN-LD	From 41, 15kw/165m, 40-47-18/74-15-18.
New York	31	W34DI	From 39, 15kw/165m, 40-47-18/74-15-18; to share on WNJJ-LD.
New York	34	WPXN-TV	From 34; granted.
			Granted STA to test post-repack facility, which will interfere with WCAU and WWSI. Agreement with NBC says 24 hours' notice will be provided and NBC concurrence will be required. Testing will be between midnight and 5am.
New York	35	WNBC	Granted STA for testing on this channel; see sharing host WNJU Linden, N.J..
New York	36	WCBS-TV	Requests STA 321kw/496m, 40-42-47/74-00-47; to use aux antenna at increased power while main combiner is adjusted. Granted.
Newburgh	28	WEPT-CD	OFF Oct. 23, 2018 pending transition in Phase 4.
Oneida	32	WTKO-CD	Requests STA 7.5kw/57m; to operate post-repack facility at half power due to potential air-conditioning issues.
Port Jervis	31	W31EF	Requests power increase to 4.28kw/261m, 40-45-08/73-58-02. (Trump World Tower, NYC) Granted.
<i>Port Jervis</i>	32	W32EI	<i>Returned to the air June 30th.</i>
Rochester	11	WNIB-LD	From 42, 3kw/61m, 43-15-47/77-39-35; amendment to change site.
Rochester	16	WXXI-TV	Granted STA 91kw/130m; interim pre-repack facility pending installation of post-repack antenna.
Saranac Lake	34	WYCI	Requests permission to convert from two-transmitter DTS to single-site station at former DTS site #1, 11.4kw/97m, 44-20-28/74-07-42. Granted.
Schenectady	22	WCWN	Granted STA 600kw/426m; interim reduced-power post-repack facility pending delivery of transmission line & combiner.
Schenectady	25	WMHT	Requests STA 268kw/349m; interim post-repack antenna pending installation of permanent unit. Granted.
Schenectady	34	WMHT	Application for pre-repack aux, 268kw/349m.
Schenectady	43	WCWN	Requests STA 600kw/426m; interim pre-repack facility pending installation of transmission line & combiner.
Syracuse	19	WSYT	Requests STA 150kw/410m; interim post-repack facility pending delivery of permanent antenna. Granted.
Syracuse	20	WCNY-TV	Requests STA 150kw/410m; interim post-repack facility pending delivery of permanent antenna.
Syracuse	36	WSPX-TV	Requests STA 50kw/421m, 42-56-42/76-01-27; interim post-repack antenna pending structure modification. Granted.
Watertown	21	WWTI	Requests STA 7kw/318m; interim pre-repack antenna pending installation of post-repack antenna. Granted.
North Carolina			
Bakersville	27	W42AX	Granted STA for this channel, 940 watts/324m. To operate on ch. 27 until pending DTS application for WUNW Canton is granted. At that time, W42AX becomes a transmitter of WUNW.
Chapel Hill	20	WUNC-TV	Permit granted for new auxiliary, 1000kw/305m.
Concord	21	WUNG-TV	Application for auxiliary, 349kw/222m; interim post-repack antenna pending installation of permanent unit. Granted.
Durham	24	W24CP	OFF July 1 st , transmission line damaged by water.
Greenville	23	WDFH-LD	From W16DF, 15kw/58m, 35-06-33/77-06-09; granted.
Lexington	31	WCWG	Requests STA; see sharing host WXII-TV Winston-Salem.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Linville	17	WUNE-TV	Requests STA 58kw/546m; interim reduced-power pre-repack facility pending construction of post-repack facility.
New Bern	24	WAET-LD	From 36, 15kw/58m, 35-06-33/77-06-09.
Raleigh	15	WRAZ	From 49, 805.4kw/607m; granted.
Raleigh	15	WZGS-CD	Granted move from ch. 49; see sharing host WRAZ.
Raleigh	17	WRAL-TV	From 48, 805kw/554m; granted. (aux)
Sylva	2	W02AF	OFF June 28 th , amplifier failure.
Wilmington	21	WUNJ-TV	From 29, 1000kw/294m; granted.
Wilmington	34	WIDO-LD	From 45, 15kw/104m, 34-20-38/78-13-54; granted.
Winston-Salem	31	WXII-TV	Requests STA 950kw/546m; interim pre-repack antenna pending installation of post-repack unit.
Winston-Salem	33	WXII-TV	Granted new aux, 474kw/483m.
North Dakota			
Fargo	15	K15MR	From K39MA, 15kw/72m, 46-51-24/96-44-26; granted.
Fargo	18	K18NP	From K47OE, 15kw/72m, 46-51-24/96-44-26; granted.
Fargo	36	KVLY-TV	Moved from 44, 330kw/594m.
Ohio			
Akron	18	WOIO-DRT	From 24, 15kw/256m; granted.
Akron	18	WUAB-DRT	See sharing host WOIO-DRT.
Akron	24	WEAO	Requests STA 550kw/303m; interim post-repack antenna pending installation of permanent antenna. Granted.
Ashland	33	W33BW	Granted STA 15kw/203m, 40-44-50/82-18-54 pending conversion to digital.
Canton	18	W18EY	From W48DY, 15kw/31m; granted.
Canton	23	KONV-LD	Returned to the air June 26 th but off again July 19 th pending construction of permanent facility.
Canton	24	WRLM	Requests STA; see sharing host WEAO Akron. Granted.
Cleveland	35	WVIZ	From 26, 219.5kw/330m; granted.
Dayton	16	WPTD	Granted STA 199kw/326m; interim pre-repack facility pending installation of post-repack antenna.
Eastlake	34	W34FP	From W38ET, 9.2kw/158m; granted.
Mansfield	20	WOHZ-CD	From 41, 8kw/153m; granted.
Maplewood	25	W25FI	From W32DS, 6.8kw/147m; granted.
Youngstown	31	WKBN-TV	Granted STA; see sharing host WYTV.
Youngstown	31	WYTV	Requests STA 65kw/148m, 41-03-43/80-38-06; interim post-repack antenna pending installation of permanent antenna. Granted.
Youngstown	36	WKBN-TV	Requests power increase; see sharing host WYTV.
Youngstown	36	WYTV	Requests power increase to 1000kw/437m, 41-03-23/80-38-43. Modified to request 703kw.
Oklahoma			
Enid	20	KBZC-LD	From 42; granted.
Lawton	14	K14SX	From K45LN; granted.
Oklahoma City	19	KAUT-TV	Application for new aux transmitter, 60kw/465m, 35-33-37/97-29-08; granted & on the air.
Oregon			
Bend	14	KBND-LP	Moved from 41, 2.3kw/195m.
Eugene	11	K11GT	Requests power increase to 3kw/275m; granted.
Eugene	25	KCKW-LD	From 18, 5kw/275m; granted.

Location	RF Ch	Callsign	Notes
Newburg	26	KOPB-DRT	OFF ch. 32 June 28 th , displaced by KNMT. Granted move to ch. 26.
Portland	23	KGWZ-LD	From 46, 15kw/522m; granted.
Portland	32	KNMT	Moved from 45, 777kw/455m.
Pennsylvania			
Brookville	34	W45BT	Granted STA 100 watts/141m. Station was displaced from channel 45 on August 9, 2018. It has a permit for channel 34, but cannot operate there until WJAC-TV moves to channel 35. (scheduled for August 2 nd .) If WJAC is delayed by a week or more, W45BT's license will expire before it can move to its displacement channel. Operation on channel 34 at reduced power shouldn't interfere with WJAC.
Erie	22	WFXP	Requests STA 725kw/201m; interim pre-repack antenna pending installation of post-repack antenna. Granted.
Erie	24	WJET-TV	Requests STA 390kw/242m; interim pre-repack antenna pending installation of post-repack antenna. Granted.
Greensburg	28	WPCB-TV	From 50, 530kw/278m; granted.
Harrisburg	35	WGAL-DRT	Moved from 49.
Laurel Mountain	40	KDKA-DRT	Application for Digital Replacement Translator, 2.9kw/331m, 40-10-51/79-07-45 dismissed; reason not given.
Philadelphia	28	WCAU	Granted permission to test on post-repack channel despite interference to pre-repack WCPB Salisbury, Md.. Will also transition permanently to ch. 28 before WCPB does.
Philadelphia	31	WTFX-TV	Requests STA 777kw/343m; reduced-power post-repack facility pending repair of mask filter. Granted.
Pittsburgh	4	WQED	Moved from 13, 10kw/218m.
Pittsburgh	6	WBPA-LP	From 30, 3kw/185m dismissed; reason not given.
Scranton	34	WSWB	From 31, 120kw/379m; granted.
Towanda	25	W25AQ	Granted power change to 3.6kw/250m.
Puerto Rico			
Arecibo	35	WCCV-TV	Moved from 46, 60kw/521m.
Fajardo	16	WRUA	Requests STA 18kw/823m; to operate at reduced power & HAAT pending tower repairs. Granted.
Guayama	34	WIDP	Moved from 45, 40.3kw/841m.
Humacao	23	WVSN	Moved from 49, 50kw/623m.
San Juan	28	WKAQ-TV	New aux on the air, 500kw/765m.
South Carolina			
Charleston	12	WHDC-LP	OFF June 23 rd pending building permits to move transmitter.
Charleston	33	WBSE-LP	From 20, 10kw/106m, 32-49-14/79-56-56; granted.
Greenville	2	WGGG-TV	Requests STA for 30.9kw/333m; interim post-repack antenna pending installation of permanent unit. Granted.
Tennessee			
Erie	24	WJET-TV	Requests STA 390kw/242m; interim pre-repack antenna pending installation of post-repack antenna.
Texas			
Abilene	31	KEOT-LD	From 38, 15kw/76m; granted.
Austin	8	KCWX-DRT	Requests power change to 3kw/167m, 30-19-21/97-48-04
Austin	32	K29HW	From 29, 7.5kw/83m, 30-17-11/97-44-22; settlement w/KADF-LD & K34FM.

Location	RF Ch	Callsign	Notes
Austin	32	K34FM	From 34; dismissed, settlement w/KADF-LD & K29HW.
Beaumont	30	KXTP-LD	From 38; granted.
Childress	14	K46CN	Moved from 46, 250 watts/144m
Childress	16	K48DD	Moved from 48, 250 watts/144m
Childress	18	K50CQ	Moved from 50, 250 watts/144m
College Station	20	KZCZ-LD	Moved from 34.
Dallas	21	KDTX-TV	Moved from 45, 735kw/494m, 32-35-22/96-58-13.
Dallas	44	KLEG-CD	OFF June 21 st , delays in equipment delivery for move to ch. 28.
Erie	24	WJET-TV	Requests STA 390kw/242m; interim pre-repack antenna pending installation of post-repack antenna.
Fort Worth	47	KUVN-CD	OFF June 21 st , cannot install post-repack antenna until tower is reinforced.
Fredericksburg	5	KCWX	Power increased to 45kw/412m.
Groveton	2	KLNK-LD	From 48, 3kw/124m, 30-58-40/94-49-29. Granted & moved.
Lake Dallas	31	KAZD	Granted STA 1000kw/509m; interim post-repack antenna.
Laredo	18	K18NK	Cancelled July 11 th . Reason not given but suspect Mexican objection.
Lubbock	9	K09AAB	From K42LB, 3kw/252m; granted.
Lubbock	31	KLBK-TV	Moved from 40, 400kw/266m.
Memphis	24	K38AP	Moved from 38, 460 watts/169m
Memphis	28	K40AL	Moved from 40, 460 watts/169m
Memphis	34	K42AL	Moved from 42, 460 watts/169m
Odessa	15	KMLM-DT	Returned to the air June 10th.
Richmond	9	KBHO-LD	Moved from 7, 3kw/83m, 29-32-33/95-44-00.
San Antonio	10	KSAA-LP	OFF July 12 th pending construction of permanent facility.
Sweetwater	14	KAOM-LD	From 49, 15kw/75m, 32-29-48/100-18-07; granted.
Temple	9	KCEN-TV	Operating backup transmitter at 1.5kw from July 1st. Assuming this means transmitter output (not ERP) it's 38% of licensed power.
Tulia	21	K41CA	Moved from 41, 464 watts/94m
Tulia	22	K38LF	Moved from 38, 464 watts/94m
Tyler	18	KQKT-LD	From 21, 13.9kw/93m, 32-16-34/95-20-44; granted.
Tyler	35	KPKN-LD	Requests power increase to 15kw/164m; granted.
U.S. Virgin Islands			
Charlotte Amalie	22	WMNS-LD	Site changed to 18-19-48/64-54-38.
Utah			
Escalante	32	K21IQ	Moved from 21, 90 watts/-149m, 37-47-11/111-35-40.
Escalante	34	K15EM	Moved from 15, 90 watts/-147m, 37-47-11/111-35-40.
Escalante	35	K27IT	Moved from 27, 90 watts/-152m, 37-47-11/111-35-40.
Ogden	31	KQTI-LD	Requests power increase to 10kw/1148m, 40-39-12/112-12-09; granted.
Vermont			
Burlington	22	WCAX-TV	Requests STA 304kw/845m; to operate pre-repack facility at reduced power for RF safety during repack work. Granted.
Pownal	20	W46EW	Moved from 46, 1.26kw/354m.
Virginia			
Charlottesville	2	WVIR-TV	Requests to operate simultaneously on channels 2 and existing 32 from August 3rd through September 6th.
Charlottesville	35	WAHU-CD	Requests STA 15kw/319m, 37-59-04/78-28-51; interim post-repack facility on adjacent tower pending availability of crew to move antenna to permanent tower.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Manassas	35	WPXW-TV	Requests STA 10.5kw/218m, 38-57-50/77-06-17; interim post-repack facility pending construction of permanent facility.
Vienna	20	WAZT-CD	OFF July 2 nd . Power is off at post-repack transmitter site due to storm.
Woodstock	45	WDCO-CD	OFF July 2 nd pending move to ch. 24.
Woodstock	46	WAZT-CD	OFF July 2 nd . pending move to post-repack ch. 20.
Washington			
Bellingham	18	K24IC	Moved from 24, 10.6kw/753m.
Bellingham	35	KVOS-TV	Requests STA 40kw/781m; interim pre-repack antenna pending installation of post-repack unit.
Seattle	23	K23KI	OFF July 3 rd pending move to new channel.
Spokane	33	KWSU-DRT	Moved from 17, 1.5kw/427m, 47-34-38/117-17-57.
Tacoma	6	KDMD-LD	OFF July 17 th pending move to new site.
West Virginia			
Charleston	21	WOCW-LD	Returned to the air July 17 th .
Huntington	22	WSAZ-TV	From 23, 800kw/386m; granted.
Martinsburg	13	WWPX-TV	From 12, 4.2kw/328m, 39-14-21/77-46-16. (Charles Town. Site is within 30 meters of the Virginia state line.) Granted.
Wisconsin			
Eau Claire	30	W30EN	From W43CT; granted.
Milwaukee	29	WDJT-TV	Requests power increase to 1000kw/351m. Granted.
Milwaukee	34	WISN-TV	Requests STA 990kw/264m, 43-06-42/77-55-42; interim pre-transition facility pending completion of post-transition system.
Milwaukee	46	WDJT-TV	Application for pre-repack aux, 122.5kw/310m. Also requests STA 107.5kw/310m; interim pre-repack facility pending completion of post-repack system.
Wausau	31	W31EV	From W38EX, 15kw/60m; granted.
Wyoming			
Casper	18	K18JQ	Returned to the air July 12 th .

Did you say FM Dxing???

I once logged 800 watt

88.3 CBM-FM-3 from Iqaluit, Nunavit

three times in 15 minutes!

E-skip, tropo and meteor scatter.

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FM NEWS - AUGUST 2019

FM Call Letter and Programming Changes
Editor: Bill Hale fmnews@wtfda.org



Visit db.wtfda.org to stay up-to-date

AL	Butler	93.5	WKLW-FM
	[Call change from WMKQ]		
AL	Dothan	102.1	W271DN
	Oldies: 'All Oldies WDIG' // WDIG-1450		
AL	Mobile	99.5	W258AY
	Classic Rock: '96 The Rocket'		
AL	Montgomery	94.5	WUMO-LP
	[Is Silent]		
AB	Lethbridge	94.1	CJOC-FM
	Classic Hits-Variety		
AB	Lethbridge	98.1	CKBD-FM
	Contemporary Hit Radio/Hot Adult Contemporary		
AZ	Cottonwood	105.3	K287BZ
	[City-of-License change from Chilean Mill]		
AZ	Mesa	97.3	K247CF
	Classic Rock: '97.3 The Rattler' // KBSZ-1260		
AZ	Morristown	99.5	KRPH
	Regional Mexican (includes KRPH-FM1 Wittman)		
AZ	Oatman	101.3	KXMK
	Contemporary Christian: 'Air1'		
AZ	Quartzite	105.9	KCNL
	Classic Rock		
AZ	Show Low	99.7	KPKX-LP
	Returns to the air with Country		
AZ	Sierra Vista	96.9	K245DF
	Spanish Religious Teaching: 'Good Message' // KNXN-1470		
AZ	Tucson	88.5	KVCC
	[Is Silent; call change from KTUK]		
AZ	Vail	103.7	KXZK
	[Is Silent]		

AR	Little Rock	99.9	K260DT
	Returns to the air with Regional Mexican // KTUV-1440		
AR	Nashville	105.5	KNAS
	Classic Country: 'The Maverick'		
AR	Pocahontas	104.1	KPOC-FM
	Country: 'Max Country'; includes KPOC-1420 & K243CR 96.5		
BC	Canyon City	98.1	VF2226
	[License cancelled; calls deleted]		
BC	Ratlin	99.9	CHTR-FM
	[Calls assigned to new station]		
BC	Stony Creek	98.1	VF2234
	[License cancelled; calls deleted]		



AR	Clarksville	96.7	K244FP
	Country: 'KIC 106.9' // KXIO 106.9; move from 97.1 at Russellville as K246BY		
AR	Hatfield	94.9	K235DB
	[City-of-License move from Mena]		

CA	Bakersfield	92.1	KQKZ
	Rhythmic AC: 'Q92.1'; call change from KCHJ-FM		
CA	Barstow	101.3	KWIE
	R&B Oldies: 'Old School 101.3'		
CA	Beaumont	98.1	K251CC
	[Move from 99.7 at El Centro as K259BJ]		
CA	Bishop	88.5	KWTW
	Religious Teaching		
CA	Cathedral City	100.9	K265FH
	Religious Teaching: 'Pure Radio' // KPSF-1200		
CA	Columbia	98.9	KCVR-FM
	Spanish // KCVR-1570		
CA	Dunnigan	105.5	KSAC-FM
	Business News/Talk: 'Money 105.5'		
CA	Guerneville	95.1	KGGV-LP
	[Is Silent]		



CA Los Angeles 92.7 K224EY
[City-of-License change from San Marino]
CA Los Angeles 93.9 KLLI
[Call change from KXOS]
CA Modesto 107.5 K298DG
Calls assigned to new station; will be Talk:
'Power Talk 1360' // KFIV-1360
CA Oak View 106.3 KVYB
Rhythmic-CHR: '106.3 The Vibe' [call
change from KRUZ]
CA Pasadena 92.7 KFFL-LP
License cancelled; calls deleted]
CA Placerville 92.1 KVMX-FM
Regional Mexican: 'La Ranchera 92.1 FM,
104.7 FM & 890 AM' (includes K284CM
Sacramento & KVMX-890)
CA Ridgecrest 91.9 KWTD
Religious Teaching
CA Sacramento 104.7 K284CM
Regional Mexican: 'La Ranchera 92.1 FM,
104.7 FM & 890 AM' // KVMX-890)
CA Santa Barbara 103.3 KRUZ
Classic Hits: 'KRUZ 103.3' [call change
from KVYB
CA Santa Clarita 93.9 KLLI-FM1
[Call change from KXOS-FM1]
CA Santa Cruz 104.1 K281CA
Talk: 'Red Hot News-Talk KSCO' // KSCO-
1080
CA Shingle Springs 101.9 KNTY
Spanish
CA Watsonville 102.1 KXWS-LP
[Is Silent]



CO Colorado City 103.3 KIQN-FM
[Is Silent due to 'audio source' computer
failure; includes KIQN-FM1 Pueblo]
CO Fort Collins 98.3 K252GG
[Move from 89.3 at Cedar Cove as
K206DB]
CO Fort Collins 94.9 K235BT
News/Talk: 'Fox News Radio' // KCOL-600

CO Greenwood Village 102.3 KVOQ-FM
Adult Alternative: 'Indie 102.3' (includes
KVOQ-FM-3 Boulder & K215FM Fort
Collins)
CO Loveland 101.3K267CD
Regional Mexican: 'La Jota Mexicana' //
KVAM-1570
CO Norwood 100.3 K262DL
[Move from 89.5 as K208FF]
CO Rifle 90.9 KRJX
Contemporary Christian: 'Light Praise Radio'
CO Strasbourg 97.7 KSJL
Returns to the air with Religious Teaching:
'Radio 74 Internationale'



FL Callaway 103.5 WKNK
Country: 'Kicking' Country With Hank'
FL Cudjoe Key 97.7 WAVK
[City-of-License change from Marathon]
FL Gainesville 90.9 WGVR-LP
Oldies: 'Oldies 103.3' [CP to change from
103.3]
FL Graceville 101.7 WTOT-FM
[Is Silent]
FL Indiantown 103.1 WIRK
Country: 'New Country 103.1'
FL Jupiter 96.3 W242CI
Contemporary Hit Radio: 'Party 96.3' //
WMBX 102.3 HD2
FL Five Points 106.5 WCJX
Classic Hits: 'Lake City's Greatest Hits
106.5'
FL Live Oak 103.1 W276DI
Talk: 'News-Talk' // WQHL-1250
FL Live Oak 106.1 WJZS
Talk: 'News Talk'
FL Mexico Beach 99.3 WEBZ
Classic Hip Hop: '99.3 The Beat'
FL Okeechobee 106.1 WLMX
Regional Mexican: 'Radio Fiesta 106.1 FM &
95.1 FM'

FL Panama City Beach 105.1 WASJ
Adult Hits: 'Bob 105.1 FM'

FL Panama City 106.9 W295DC
Contemporary Christian: 'The Gulf Coast's
Way' // WAYP 88.3'; move from 106.3 at
Hiland as W292DM

FL Port St. Lucie 95.1 W236AO
Urban AC: '104.5 The Flame' // WFLM
104.5

FL Springfield 95.9 WRBA
Classic Rock: 'Classic Rock 95.9'

FL Tallahassee 96.5 W243EG
Classic Hip-Hop: 'Throwback 96.5' //
WTLY-1270

FL Tallahassee 96.9 W245CB
Returns to the air with Religious Teaching:
'Guadalupe Radio Network' // WCVV-1300

FL Tamarac 105.5 W288DD
Contemporary Christian: 'Freedom Radio
FM' // WZTU 94.9



GA Atlanta 100.1 W261EA
[Move from 104.3 at Cordele as W239AY]

GA Canton 102.5 W273CT
Contemporary Christian: 'K-Love' // WLVF
105.1

GA Commerce 95.1 W236DU
[Move from 94.7 as W234DJ]

GA Marietta 96.5 W243DQ
[Move from 96.1 at La Grange, etc. as
W241BK]

HI Haleiwa 96.9 KQNS-LP
Returns to the air with Religious Teaching

HI Volcano 107.7 KKOA
Country: 'KOA Country 107'

ID Fairfield 99.9 KXCD
[Is Silent pending sale and move to new XR
site]

ID Troy 100.5 KQZB
Classic Hits: 'Hits 100'



IL Centralia 95.3 WRXX
Contemporary Hit Radio: 'X95'

IL Centralia 98.3 W252EC **and**

IL Centralia 98.7 W254BE
Classic Hits: 'Superhits 1210 AM & 98.7 FM'
// WILY-1210

IL Chicago 94.3 WAVE-FM2
[Call change from WJKL-FM2]

IL Chicago 94.3 WAVE-FM3
[Call change from WJKL-FM3]

IL Elmwood Park 94.3 WAVE-FM1
[Call change from WJKL-FM1]

IL Fairfield 92.1 **W221xx**
Classic Hits: 'Oldies 1460' // WROY-1460;
[move from 93.7; **new calls pending**]

IL Glendale Heights 94.3 WAVE
[Call change from WJKL]

IL Herrin 92.7 WVZA-FM
Adult Contemporary: 'ALT 2K 92.7'

IL Marion 95.5 W238CQ
Sports: '95.5 The Fan' // WFRX-1300

IL Mount Vernon 94.1 WMIX-FM
Country: 'Today's Hot Country'

IL Mount Vernon 96.1 W241CX
Talk/Adult Standards: 'America's Best Music
& Talk' // WMIX-940

IL Springfield 95.9 WRBA
Classic Rock: 'Classic Rock 95.9'



IN Angola 88.3 WEAX
[Is Silent]

IN Bloomfield 101.1 WDCK-FM
Classic Country: 'K 101'

IN Greenfield 88.1 WNPP-FM2
[Call change from WJCF-FM2]

IN Michigan City 95.1 W236BD **and**

IN Valparaiso 106.7 W294CY
Talk: 'The Talk of The South Shore 95.1 FM
& 1420 AM' // WIMS-1420

IN Richmond 89.3 WJKL
[Call change from WKRT]

IN South Bend 97.1 W246DV
Classic Hits: 'Kool 97.1 FM & 910 AM //
WGTO 910

IA Cedar Rapids 98.1 KHAK
Country: 'Number 1 For New Country'

IA Cedar Rapids 104.5 KDAT
Adult Contemporary: 'Today`s Best Mix'
IA Ottumwa 92.7 KTWA
Adult Contemporary: 'Today`s Hits &
Yesterday`s Favorites 92.7 KTWA'
IA Ottumwa 102.7 K274CV
Talk/Sports: ' Your News And Information
Leader AM 1240 & 102.7 FM' // KBIZ-1240
IA Tabor 89.3 KHLW
Religious Teaching: 'Living Water Radio;
includes: KZLW 90.1 Gretna & K287CB
Glenwood, NE



KS Garden City 102.9 K275CT
Classic Hits: 'Classic Hits 1340 KGGG'
KY Monticello 104.5 WXYR-LP
Religious Teaching: 'Sat 104'
LA Benton 92.1 KSYR
[Is Silent]
ME Dennysville 102.9 WCRQ
Country: 'Border Country 102.9'
ME Mathias 95.3 WALZ-FM
Classic Hits: 'Classic Hits 92.7 FM & 95.3
FM' [95.3' refers to WQDY-FM Calais]



MA Adams 98.9 WNNI
News/Talk/Classical: 'New England Public
Radio'
MA Boston 99.9 W260DS
[Move from 100.1 at Quincy as W261DX]
MA Brockton 97.7 WKAF
Rhythmic AC: '97.7 The Beat'
MA Deerfield 91.7 WNNZ-FM
News/Talk/Classical: 'New England Public
Radio'
MA Great Barrington 89.5 WNNU
News/Talk/Classical: 'New England Public
Radio'
MA Methuen 105.3 W287CW
Contemporary Christian: 'K-Love' // WUBG-
1570

MI Benton Harbor 102.5 W273BM
R&B Oldies: 'WHFB 102.5 / 1060 AM' //
WHFB-1060

MN Big Lake 107.5 W298CE
Classic Hits: 'The Killer
Bee' // WQPM-1300



MN Forest Lake 95.9 WLKX-FM
Classic Hits: 'The Killer Bee'
MN La Crescent 102.7 KQEG
Oldies: '102.7 MeTV FM'



MS Tunica 96.1 WIVG
Sports: 'Sports 56' // WHBQ-560
MS Winona 98.1 W251CN
Country: 'The Hawg' // WLEE-1570
MO Cape Girardeau 101.9 K270CN
[Move from 92.3 as K222BY]
MO Carthage 96.3 KCAH-LP
[Frequency change from 107.9]
MO Cuba 101.7 KQXQ
[Is Silent]
MO Florissant 97.7 KWAP-LP
[Is Silent]
MT Bozeman 100.3 K262AZ
Religious Teaching: 'Your Network of Praise'
// KGCM 90.9
MT Missoula 99.3 KQEZ-FM1
[Call change from KVGN-FM1]
MT St. Regis 99.3 KQEZ
[Call change from KVGN]
MT West Yellowstone 90.7 KPWY
Returns to the air with Religious Teaching:
'Your Network Of Praise'
NE Gretna 95.7 KROA
Religious Teaching: 'My Bridge Radio';
includes: KZLW 90.1 (K201FC Sidney &
K287AX Chadron); KSSH 91.7 Shubert;
K202CJ Deshler; KRKR 95.1 Waverley
(K224DJ La Vista & K257GW Nebraska
City); KHZY 99.3 Overton (K232EC North
Platte, K238BC Ogallala & K282AX
Paxton); K260AF Kearney; and K295BC
Geneva, all Nebraska

NE Nebraska City 99.3 K257GW
 [Move from 99.5 as K258BO]
 NE Wayne 98.9 K255CK
 Classic Hits: 'The City 98.9 FM & 1590 AM'
 // KCTY-1590



NL La Grand Terre 96.1 CKIP-FM
 [License cancelled; calls deleted]
 NL Labrador City 97.3 CJRM-FM
 [License cancelled; calls deleted]
 NL St. John's 95.7 CKIJ-FM
 [License cancelled; calls deleted]
 NV Elko 95.3 KRJC
 Country: 'All American Country'
 NV Las Vegas 93.1 KYMT
 Rock: '93.1 The Mountain'
 NV Winnemucca 92.7 KWNA-FM
 Country: 'All American Country'



NJ Elizabethton 107.9 W300CC
 Country: 'Better Than Ever Country' //
 WBEJ-1240
 NJ Ocean City 102.7 WLRB
 [Call change from WWAC]
 NM Grants 88.7 KFCY
 [Is Silent]
 NM Shiprock 94.1 K231BB
 [License cancelled; calls deleted]
 NY Baldwinsville 92.1 WOLF-FM
 Country: '92.1 The Wolf'
 NY Cobleskill 103.5 WQBJ
 Rock: 'Q 105.7' ['105.7' refers to WQSH
 Malta; also // WQBK-FM 103.9 including
 W256BU Albany]
 NY Corinth 107.1 WKBE
 Contemporary Hit Radio: '107.1 The Point'
 NY Dansville 93.9 WDNB-FM
 Classic Rock: 'Classic Rock 93.9'
 NY Hancock 104.5 WHNB
 Country: 'Thunder 102 & 104.5' ['102'
 refers to WDNB 102.1]
 NY Jeffersonville 102.1 WDNB
 Country: 'Thunder 102 & 104.5' (includes
 W235AW Monticello) ['104.5' refers to
 WHNB 104.5]
 NY Liverpool 107.5 W298DC
 Classic Hits: 'The Dinosaur' // WFBL-1390

NY Malta 105.7 WQSH
 Rock: 'Q 105.7' [includes WQBJ 103.5 &
 WQBK-FM 103.9]
 NY New York 95.5 WPLJ
 Contemporary Christian: 'Air 1'
 NY New York 102.3 W272xx
 [Move from 104.5 at Danville as W283BR;
 new calls pending]
 NY Olean 100.5 W263CZ
 Talk: 'The Patriot' // WGGO-1590
 NY Port Chester 96.7 WMKQ-FM
 [Call change from WKLW]
 NY Port Jefferson 93.3 W227CL
 [City-of-License change from Coram]
 NY Remsen 93.5 WAWR
 [Call change from WARW]
 NY Rensselaer 103.9 WQBK-FM
 Rock: 'Q 105.7' ['105.7' refers to WQSH
 Malta; includes WQBJ 103.5 & WQBK-FM
 103.9]
 NY Saranac Lake 93.3 WSLP
 Adult Contemporary: 'The Mix' // WRGR
 102.1
 NY Tupper Lake 102.1 WRGR
 Adult Contemporary: 'The Mix' // WSLP 93.3



NC Leland 94.5 WKXS-FM
 Classic Rock: '94.5 The Hawk – The Port
 City's Classic Rock'
 NC Leland 107.9 W300DX
 Talk/News: '980 WAAV News, Talk, Sports'
 // WAAV-980

NC Rose Hill 100.5 W263DF **and**
 NC Rose Hill 101.1 W263BE
 Classic Country: 'Kix FM 710 AM & 100.5 FM'
 NC Rose Hill 100.5 W263DF
 Classic Country: 'Kix-FM' // WEGG-710
 NC Statesville 102.5 WEZG-LP
 New station signs on with Religious; call change from WWRO-LP
 NC Wilmington 101.3 WWQQ-FM
 Country: 'Double Q 101 – Cape Fear's Country Leader'
 NC Wilmington 102.7 WGNI
 Adult Contemporary: '102.7 GNI – Today's Hits & Yesterday's Favorites'
 NS Afton Station 104.5 CFPQ-FM
 [Calls assigned to new station]
 NU Arviat 105.1 CBIG-FM
 News/Talk: 'CBC Radio One North' // CFFB-1230
 NU Baker Lake 99.3 CBQR-FM-1
 News/Talk: 'CBC Radio One North' // CFFB-1230
 NU Rankin Inlet 105.1 CBQR-FM
 News/Talk: 'CBC Radio One North' // CFFB-1230
 NU Talyoak 105.1 CBIQ-FM
 News/Talk: 'CBC Radio One North' // CFFB-1230

Oldies: 'Oldies 1270' // WQTT-1270; move from 104.5 at Connersville, IN as W283AJ
 OH Miamisburg 93.7 WFCJ
 Religious Teaching: '93.7 The Light'
 OH Pemberville 103.7 WCKY-FM
 Country: 'Buckeye Country 103.7 `CKY'
 OH Port Huron 94.5 W233BG
 Talk: 'WLW 700' // WLW-700
 OH Portsmouth 91.5 WOSP
 [Is Silent]
 OH Springfield 100.7 WEEC
 Contemporary Christian: 'Hope 100.7'



OK Apache 98.5 KACO
 Classic Country: 'New Country 98.5'
 OK Norman 103.3 K277DD
 [Move from 104.7 at Borger, TX as K284AZ]
 ON Hamilton 95.3 CING-FM
 Hot AC: 'Energy 95.3'



OH Cambridge 101.9 WOMP-LP
 [Call change from WBPS-LP]
 OH Cincinnati 102.7 WEBN
 Rock: 'WEBN Cincinnati's Rock Station'; includes W264BW 100.7 & W292CO 106.3
 OH Delaware 98.5 WINF-LP
 Easy Listening: 'Local 98.5 WINF'
 OH Findlay 95.5 W238CX
 Talk/Sports: 'Your News-Sports-Weather Authority 1330/95.5' // WFIN-1330
 OH Lima 98.5 W253CM
 Classic Country: 'Lima's Classic Country' // WCIT-940
 OH Marysville 96.7 W244DV



OR Dallas 98.3 KTUP
 [Calls assigned to new station]
 OR La Grande 98.7 KUBQ
 Country: '98.7 The Ranch'
 PA Bloomsburg 91.1 WHSK
 [Call change from WBUQ]
 PA Gettysburg 93.7 W229DK
 Hot AC: 'Happy' // WGET-1320
 PA Gettysburg 107.7 WGTY
 Country: 'Froggy 107.7'
 PA Hanover 95.3 W237EN
 Adult Contemporary: 'Happy'
 PA Huntingdon 103.5 WHUN-FM
 Classic Hits: 'WOWY 97.1, 97.7 and 103.5' (W249DD 97.7) & WHUN-1150
 PA Philadelphia 93.3 WMMR
 Rock: 'Everything that Rocks!'

PA Philadelphia 92.5 WXTU
Country: 'Philly's Country Station'
PA University Park 97.1 WOWY
Classic Hits: 'WOWY 97.1, 97.7 and 103.5'
PA York-Hanover 98.5 WYCR
Classic Rock: 'Rocky 98.5'



PR Guayanilla 89.9 WMLG
Spanish Contemporary
Christian: 'Pura Palabra
Radio'



PR Mayaguez-Anasco 90.9
WLYM-LP
[City-of-License change from Mayaguez]
PR Vega Baja 98.1 W251DA
Spanish Contemporary Christian: 'Pura
Palabra Radio' // WBYM-1560
RI Providence 97.7 W249DZ **and**
RI Warwick 104.7 W284BA
Talk: 'News Radio AM 920' // WHJJ-920



SK Carrot River 101.1 VF2212
[Has reappeared in the ISEDC database,
and is believed to be a relay for CJNE-FM
94.7 Nipawin]



SC Belton 88.5 WAHP
[Call change from WEPC]

SC Cokesbury 91.9 WHRT-FM
[Call change from WAHP]
SC Georgetown 93.7 WXJY
Alternative Rock: '93.7 The Shark'
SD Wessington Springs 93.3 KJRV
Returns to the air with Classic Rock: 'Big Jim
93.3'



TN Cornersville 89.9 WLWW
Gospel
TN Gallatin 100.7 W264CR **and**
TN Gallatin 107.9 W300EA
Adult Hits: 'WHIN 100.7 FM & 1010 AM' //
WHIN-1010
TN Henry 104.7 WHNY
[Call change from WMUF]
TN Memphis 93.7 W229CT
[Call change from K280FN]



TX Amarillo 93.5 K228FO
Religious Teaching: 'St. Valentine Catholic
Radio 1360' // KSJW-1360; move from 88.5
at Guymon, OK as K203FF
TX Amarillo 100.9 KXGL
Classic Rock: '100.9 The Eagle'
TX Amarillo 102.9 KVWE
Rhythmic CHR: 'WE 102.9'; call change
from KEYU
TX Borger 104.3 KQFX
Returns to the air with Regional Mexican: 'La
Poderosa 96.1' [96.1 refers to KBEX
Dalhart]
TX Conroe 95.9 K240FC
[Call change from K237HB]
TX Conroe 102.5 KJHJ-LP
[Calls assigned to new station]
TX Edna 89.1 K206ER
[Move from 89.7 as K209DB]
TX El Campo 106.7 K294DD
Country: 'The Texas Legend 1390 AM &
106.7 FM' // KULP-1390
TX Fort Worth 96.3 KSCS
Country: 'New Country 96.3'

TX Garwood 97.3 KPUY
[Calls assigned to new station]

TX Houston 93.7 KQBT
Urban Contemporary: '93.7 The Beat'
[includes K283CH Houston]

TX Houston 99.5 KOHV-LP
[Calls assigned to new station]

TX Houston 102.5 KJFI-LP
[Calls assigned to new station]

TX Italy 93.7 K229DR
[Frequency change from 93.5 as K228GA]

TX Jasper 101.5 K268DO
[Format is Unavailable as // KCOX-1350 is Silent]

TX Jasper 102.7 KTXJ-FM
Southern Gospel: '102.7 KTXJ, Southern Gospel Radio'

TX Liberty 99.9 KSHN
Contemporary Christian // KSBJ 89.3

TX Lovelady 104.3 KHMR
[Is Silent]

TX Lubbock 100.7 K264AN
Sports: '100.7 The Score' // KJTV-950

TX Matagorda 106.1 KPYM
[Calls assigned to new station]

TX Monroe 95.9 K240FC
[Move from 95.3 at Huntsville as K237HB]

TX New Deal 97.3 KTTU-FM
Sports: 'Double-T 97.3'

TX Palacios 100.7 KPLU
[Calls assigned to new station]

TX South Padre Island 92.7 KESO
Returns to the air with Classic Hits: 'Classic Hits 92.7'

TX South Padre Island 95.3 KZSP
Returns to the air with Tejano: 'Super Tejano 102.1' ['102.1' refers to KBUC Raymondville]

TX Sulphur Bluff 99.7 KETE
Contemporary Christian: 'The Way 99.7'

TX Tarwood 97.3 KPUY
[Calls assigned to new station]

TX Tolar 95.5 KOMF-FM
[Move from Meridian on 95.3]

TX Wichita Falls 102.9 KOWF-LP
[Calls assigned to new station]



UT North Ogden 88.7 KUAO
[Call change from KNKL]

UT Tremonton 88.1 KNKL
[Move from Ogden; call change from KUAO]

UT Woodruff 107.1 KEGH
Spanish Adult Hits [Includes KEGH-FM1, -2, -3, -4 and K252DI Salt Lake City]

VT Middlebury 90.1 WOXM
[Call change from WVXM]

VA Bedford 95.3 W237FH
News/Talk // WBLT-1350

VA Farmville 92.9 WVHL
Country: 'Kickin` Country WVNL 92.9'

VA Glade Spring 100.5 WZQY
Country: 'Country Legends 100.5'

VA Gretna 104.3 W282CN
Sports: 'CBS Sports' // WMNA-730

VA Pulaski 106.5 W293AS
Contemporary Christian: 'The Journey' // WRVL 88.3

VA Roanoke 99.5 W258DN
News/Talk // WGMN-1240

VA Timberlake 93.3 W227BG
Sports: 'CBS Sports' // WVGM-1320

VA Woodbridge 105.9 WMAL-FM
News/Talk: '105.9 FM WMAL'



WA Centralis 102.9 KZTM
Regional Mexican: 'La Z 102.9'; call change from KFNY

WA Kennewick 106.9 K295AV
[City-of-License change from Walla Walla]



WV Beckley 97.9 WVPP-LP
[Is Silent]

WV Logan 101.9 WVOW-FM
Talk/Sports // WVOW-1290

WV Morgantown 98.3 W252EF
Classic Hits: 'Buzz 98.3' // WBKE-1490

WV Parkersburg 94.7 W234DC
 Classic Country: 'Willie 1050 & 94.7' //
 WLYQ-1050



WI Beaver Dam 95.3 WXRO
 Hot AC: '95 X'
 WI Milwaukee 98.7 W254CU
 Religious Teaching: 'Joy 1340 AM - 98.7
 FM' // WJY-1340
 WI Prairie du Chien 104.3 W282BU **and**
 WI Seneca 101.3 W267CT
 Classic Hits: 'Prairie's Own 980 & FM
 104.3' // WPRE-980
 WI Sheboygan 93.7 WBFM
 Country: 'Sheboygan's Country B93'



WY Big Piney, La Barge 97.1 K246CZ
 [Move from 97.3 as K247AN]
 WY Byron 92.1 KCWB
 Country: 'The Cowboy 92.1'



WY Cody 89.7 KNWT
 Adult Alternative: 'Wyoming Sounds'
 WY Greybull 100.3 KZMQ-FM
 Country: 'The Country Superstation
 100.3/102.3' (includes K272EU Cody)
 WY Hudson 103.1 KXWY
 Adult Alternative: 'Wyoming Sounds'
 WY Laramie 96.7 K244FN
 Country: 'New Country 96.7' // KHAT-1210
 WY Manderson 105.7 KVGL
 Classic Hits: 'The Eagle 105.7'
 WY Powell 104.1 KCGL
 Classic Hits: 'The Eagle'
 WY Shoshoni 97.1 KTWY
 Adult Alternative: 'Wyoming Sounds'
 WY Shoshoni 106.5 KWWY
 Classical: 'Classical Wyoming'



Remember, our 'tip lines' are always open for
 your tips and updates. Email us at either:

fmnews@wtfda.org

or through the WTFDA database. Just hit the
 'Contact Us' icon at the lower right-hand
 corner of the main page.



FM FACILITIES

August 2019

This information is reprinted from Doug Smith's FM News Information posted in the [WTFDA Forums](#).
The [WTFDA FM Database](#) is also updated with this information.

Abbreviations:

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

AL Montgomery 94.5 WUMO-LP OFF June 27th, power is off.
 AL Montgomery 99.3 W257DS PG>250w/182m
 AL Pelham 93.3 WPLX-LP PC 100m, 33-17-01/86-49-30
 AK Eagle River 98.5 K253CA OFF June 26th, lost program source.
 AZ Cottonwood 105.3 K287BZ PC<10w/770m
 AZ Green Valley 101.5 K264BB QC from 100.7, 250w/7m (KGVY-1080)
 AZ Wickenburg 96.3 KSWG PC 5.3kw/217m, 33-55-22/112-47-34
 AR Clarksville 96.7 K246BY QC from 97.1, 250w/-42m, 35-28-13/93-27-53; CL from Russellville (KXIO-106.9)
 AR Hatfield 94.9 K235DB PC<250w/29m, 34-30-16/94-22-40
 CA Agua Dulce 97.5 KLOS-LP QG from 96.7, 100w/-106m, 34-29-34/118-18-41
 CA Bakersfield 92.1 KQKZ CC from KCHJ-FM
 CA Beaumont 98.1 K259BJ QG from 99.7, 7.8w/220m, 34-02-13/116-58-07 (KMET-1490 Banning)
 CA Guerneville 95.1 KGGV-LP OFF June 23rd, unable to program station.
 CA Hopland 88.7 KORB PG>130 watts/426m, 38-55-54/123-08-30
 CA Livingston 89.1 KCJH PC>13kw/95m, 37-34-46/120-50-48
 CA Los Angeles 92.7 K224EY PG>250w/242m, 34-02-57/118-15-22 (KKLQ-100.3)
 CA Los Gatos 88.9 K205BN PG>33w/685m, 37-09-35/121-54-32 (KJLV-97.7 Los Altos)
 CA Pasadena 92.7 KFFL-LP CX
 CA Ramona 89.9 KUMI NW 300w/715m, 33-18-46/116-35-02
 CA Sacramento 93.3 KZHP-LP PG 44m
 CA San Diego 101.1 KVIB-LP NW 100w/24m, 32-43-37/117-08-56
 CA San Francisco 104.9 K285HD OFF June 28th, interfering with KXSC Sunnyvale

CA San Jose 91.9 K220BV PG>25w/698m, 37-09-35/121-54-32 (KJLV Los Altos)
 CA San Jose 92.7 KCXU-LP PG<100w/-140m, 37-22-01/121-51-37
 CA Thousand Oaks 91.9 K220FR PG<10w/600m
 CA Watsonville 102.1 KXWS-LP OFF Feb. 28th pending FCC approval of change application. Not sure why it wasn't filed until July 2nd.
 CA Watsonville 102.1 KXWS-LP PG 120m, 36-56-04/121-48-58
 CO Calhan 104.7 KKCS PG>22.5kw/105m, 38-57-06/104-18-05
 CO Calhan 104.7 KKCS PG>22.5kw/105m, 38-57-06/104-18-05
 CO Fort Collins 98.3 K206DB QG from 89.1, 11w/300m; CL from Cedar Cove
 CO Monument 93.9 K230BO PG<250w/148m, 39-04-16/104-44-33
 CO Norwood 100.3 K208FF QG from 89.5, 75w/-48m, 38-06-20/108-16-34
 CO Palisade 98.5 KAAI PG 890w/885m, 39-02-55/108-15-06
 CT Hamden 93.1 W225DI QG from 92.9
 CT New Britain 96.9 WPRF-LP PC 30m, 41-40-09/72-45-58
 DE Wilmington 107.3 W238BL QC from 95.5, 185w/171m, 39-50-02/75-31-27; CL from Wildwood, N.J. (WSRY-1550 Elkton, Md.)
 DC Washington 89.3 WPFW PG 34kw/156m, 38-56-10/77-05-33
 FL Belleview 91.3 WYFZ PG>900 watts/100
 FL Big Pine Key 104.1 WWUS PG>100kw/167m, 24-40-36/81-30-39
 FL Bradenton 96.1 W243AK QC from 96.5, 100w/112m
 FL Bradenton 96.1 W243AK QG from 96.5, 100w/112m
 FL Cudjoe Key 97.7 WAVK PG>100kw/167m, 24-40-36/81-30-39
 FL Duck Key 89.3 WAZQ PG>100kw/72m, 24-49-16/80-49-07

FL Graceville 101.7 WTOT-FM OFF May 18th, tower destroyed by lawn maintenance.
 FL Key Colony Beach 88.7 WYBW PG>400w/74m, 24-42-25/81-06-17
 FL Key WV 98.7 WCNK PG>100kw/168m, 24-40-36/81-30-39
 FL Lantana 95.1 W236CV PG>250w/127m
 FL Largo 103.9 W238BW QG from 95.5, 65w/109m, 27-50-52/82-45-49 (WXYB-1520 Indian Rocks Beach)
 FL Panama City 106.9 W292DM QC from 106.3, 15w/16m, 30-12-10/85-38-44; CL from Hiland (WAYP-88.3)
 FL Panama City 106.9 W292DM QG from 106.3, 15w/16m, 30-12-11/85-38-44 (WAYP-88.3 Marianna)
 FL Panama City 88.7 W204CD PG<10w/39m, 30-13-59/85-35-10
 FL Tallahassee 96.5 W243EG NW 99w/172m, 30-29-32/84-17-13 (WTLY-1270)
 FL Tampa 96.3 WURK-LP PG<100w/12m, 27-57-24/82-28-51
 GA Atlanta 100.1 W239AY QC from 95.7, 99w/148m, 33-55-01/84-12-05; CL from Cordele (WPLO-610)
 GA Commerce 95.1 W236DU QG from W234DJ-94.7, 250w/105m, 34-12-40/83-27-51 (WJJC)
 GA Marietta 92.3 W222AF NW 99w/242m, 33-48-27/84-20-27 (WAKL-106.7 Gainesville)
 GA Marietta 96.5 W241BK QC from 96.1, 250w/114m, 33-58-40/84-33-25; CL from La Grange (WFTD-1080)
 GA Rome 92.7 W224DS PG>120w/226m, 34-14-02/85-13-50
 GA Winder 101.1 W266BW PG> 250w/269m, 33-48-26/84-20-22
 HI Kaunakakai 95.9 KKHJ NW 19kw/513m, 20-50-41/156-54-04
 ID Grangeville 92.7 KORT-FM PC>720w/717m
 ID Twin Falls 105.1 K286CH PG<190w/69m, 42-33-45/114-32-34 (KIKX-104.7 Ketchum)
 IL Champaign 90.1 WEFT PG>10kw/126m
 IL Champaign 90.1 WEFT PG>10kw/126m, 40-10-52/88-19-03
 IL Lake Bluff 107.1 W295CG OFF July 3rd, reason not given.
 IL Lake Bluff 107.1 W296DF QC from W295CG-106.9 dismissed. Interference complaint from W296DA Vernon Hills.
 IL Pittsfield 92.1 W221BX OFF May 28th, lost utility power.
 IL Pontiac 88.3 WPJC PC 1.5kw/37m, 40-53-11/88-38-41
 IL Rockford 94.5 W233AD PC<38w/54m, 42-15-59/89-04-23
 IN Connersville 96.7 W283AJ QC from 104.5, 250w/79m, 40-15-41/83-16-24 (WQTT-1270 Marysville, OH)
 IN Dayton 91.5 WCNB PC>4.2kw/36m, 40-16-46/86-35-14
 IN Evansville 91.5 WUEV PG<6.1kw/37m, 37-58-17/87-31-54
 IN Indianapolis 93.5 W228CX PC>250w/291m (WFNI-1070)
 IA Britt 103.1 KHAM PG>10kw/72m, 43-03-42/93-44-19
 IA Davenport 105.7 K289BI PG 250w/93m, 41-28-29/90-26-45 (WVIK-90.3 Rock Island, Ill.)
 IA Marshalltown 101.5 KDNH-LP PC>100w/27m, 42-02-21/92-53-39
 IA Marshalltown 96.7 KCRM-LP PC>100w/27m, 42-02-21/92-53-39

IA Montezuma 89.7 KVCJ PG>100kw/151m, 41-12-14/92-51-07
 KY Louisville 106.3 W292FS NW 250w/71m, 38-12-46/85-33-13 (WAKY-620)
 LA Lafayette 99.5 K258DQ NW 250w/143m, 30-20-32/91-57-46 (KSLO-1230 Opelousas)
 LA Lake Charles 96.1 KYKZ XC 30-14-36/93-20-38
 LA Sulphur 101.3 KKGB XC 30-14-36/93-20-38
 MA Boston 99.9 W261DX QG from 100.1, 250w/231m, 42-20-57/71-04-31
 MI Houghton 99.9 W260AC PG<10w/143m, 47-06-04/88-33-56
 MI Iron River 97.9 W250CQ NW 250w/140m, 46-06-03/88-32-23 (WFER-1230)
 MI Muskegon 90.7 W214CA PC<13w/27m, 43-13-06/86-14-41
 MO Carthage 96.3 KCAH-LP QG from 107.9, 100w/8m
 NE Nebraska City 99.3 K258BO QC from 99.5, 210w/31m, 40-51-25/95-56-24
 NE Valentine 89.3 KKNL OFF June 30th, "very faint" signal for unknown reason.
 NL Marystown 88.3 CHCM-FM QG from 740 AM, 59.3kw/186m, 47-08-39/55-08-48
 NJ Hazlet 102.3 WXDP-LP NW 53m, 40-20-41/74-07-10
 NJ Hazlet 102.3 WXDP-LP PG 59m, 40-19-21/74-05-03
 NJ Wildwood 107.3 W238BL QC from 95.5, 185w/171m, 39-50-02/75-31-27 (WSRY-1550 Elkton, Md.)
 NM Grants 88.7 KFCY OFF June 25th, tower damaged by ice.
 NM Hobbs 88.3 KLHK PG>14kw/121m
 NM Hobbs 88.3 KLHK PG>14kw/121m, 32-42-48/103-05-27
 NM Roswell 103.1 K276ED PG>250w/23m (KHFM-95.5 Santa Fe)
 NY New York 102.3 W283BR QC from 104.5, 250w/89m, 40-50-58/74-10-58; CL from Dansville (WMCA-570)
 NY Port Jefferson 93.3 W227CL PC>207w/159m (WNYG-1440)
 NY Shirley 96.5 W243BF PC<30w/129m
 NY Sodus 96.9 W245DI PG>250w/106m, 43-08-54/77-04-09
 NC Belmont 98.7 W254AZ PG 150w/147m
 NC Charlotte 100.5 W283AY QG from 104.5, 250w/150m, 35-15-05/80-41-12 (WGIV-1370 Pineville)
 NC Clinton 102.5 W273DP NW 250w/99m, 34-58-36/78-18-16 (WRRZ-880)
 NC Lenoir 94.7 W234DG PG 200w/291m
 NC Mooresville 99.3 W257EJ NW 250w/90m, 35-36-04/80-48-51 (WHIP-1350)
 NC Raleigh 100.3 W262CZ PC<250w/114m, 35-34-43/78-26-10
 NC Smithfield 107.5 W298DB NW 250w/128m, 35-34-43/78-26-10 (WPTF-680 Raleigh)
 NC Valdese 96.5 W243DV PG>250w/299m
 ND Jamestown 107.1 K296HH PG<250w/26m, 46-52-47/98-43-04 (KQDJ-1400)
 ND Jamestown 97.1 K246AM PG<250w/26m, 46-52-47/98-43-04 (KRVX-103.1 Wimbeldon)

ND Tioga 92.7 K224FJ NW 250w/29m, 48-23-28/102-56-04 (KTGO-1090)
 OH Lima 98.5 W253CM NW 250w/50m, 40-44-24/84-06-20 (WCIT-940)
 OH Marysville 96.7 W283AJ QC from 104.5, 250w/79m, 40-15-41/83-16-24; CL from Connersville, Ind. (WQTT-1270)
 OH New Boston 88.3 WSGR PC>1.7kw/233m, 38-45-42/83-03-41
 OH Portsmouth 91.5 WOSP OFF June 20th, antenna or transmission line problems.
 OK Enid 100.9 K265FL PG<250w/39m, 36-23-53/97-52-40
 OK Madill 97.3 K247CK PG<250w/62m
 OK Norman 103.3 K284AZ QC from 104.7, 250w/36m, 35-13-18/97-26-29; CL from Borger, Tex. (KEBC-1560 Del City)
 OK Tulsa 93.5 K228BR PG>250w/74m, 36-07-30/95-53-03
 OK Wynnewood 104.5 KVOY OFF June 6th, power supply destroyed by one storm; tower toppled by another two weeks later...
 OR La Grande 93.7 K229BN PG>10w/517m, 45-26-15/117-53-49 (KOLU-90.1 Pasco, WA.)
 OR Ontario 91.9 K220JS OFF July 16th, isocoupler insulating K220JS feedline from supporting AM station tower failed.
 OR Seaside 107.1 K296DM OFF July 1st pending relocation of receive antenna to properly receive primary station KPDO-FM 93.9.
 PA Harrisburg 103.7 W279EC PG<130w/223m, 40-11-31/76-52-01
 PA Hazleton 106.9 W295CV NW 6w/155m, 40-58-10/75-57-24 (WBAX-1240)
 PUEB Puebla 92.9 XHECD-FM 1kw/19m, 19-03-34/98-13-23
 PR Mayaguez 90.9 WLYM-LP PG>12m, 18-11-00/67-10-04
 PR Mayaguez 94.5 W233CW PG>250w/620m, 18-09-00/66-59-00
 PR San Juan 95.3 W237FF NW 250w/221m, 18-16-43/66-05-32 (WAPA-680)
 SC Belton 88.5 WAHP CC from WEPC
 SC Charleston 100.1 W261DG PG<250w/97m; PC
 SC Charleston 107.7 W299CY NW 250w/97m, 32-49-26/80-00-10 (WCDC-950 Moncks Corner)
 SC Charleston 99.3 W257BQ PG<250w/97m
 SC Charleston 99.3 W257BQ PG<250w/97m (WMXZ-95.9 Isle of Palms)
 SC Orangeburg 97.1 W246BX PG>250w/112m
 SC Westminster 96.7 WVGC OFF June 20th, antenna & feedline removed for reinstallation at new site.
 SC Westminster 96.7 WVGC PG<25kw/86m, 34-41-15/82-59-16
 SC Westminster 96.7 WVGC PG<25kw/86m, 34-41-15/82-59-16
 TN Bristol 98.1 W251CJ PR 250w/668m, 36-25-53/82-08-16 (WOPI-1490)
 TN Dayton 97.1 W246DG PG>200w/215m, 35-29-31/85-02-59
 TN Hartsville 93.5 W228CB PG>250w/110m, 36-25-24/86-02-

24 (WTNK-1090)
 TN Union City 104.9 KYTN PC<6kw/75m, 36-29-00/88-57-10
 TN Walnut Hill 101.9 W270BN PC>230w/102m
 TN Waverly 105.1 WVWF CC back from WBWR (was WBWR for only eight days)
 TX Boerne 96.9 K245DE PG>250w/374m, 29-50-26/98-49-32 (KONO-FM 101.1 Helotes)
 TX Boerne 96.9 K245DE PG>250w/374m, 29-50-26/98-49-32 (KONO-FM 101.1 Helotes)
 TX Cleburne 98.3 K252EB PG>250w/78m, 32-38-18/96-31-26
 TX Conroe 95.9 K240FC QG from K237HB, 150w/119m, 30-32-16/95-28-17; CL from Huntsville (KYOK-1140)
 TX Edna 89.1 K209DB QG from 89.7, 250/98m, 28-57-56/96-38-37
 TX Garland 101.5 K268CL PG>250w/61m, 32-45-50/96-41-11; PC
 TX Garwood 97.3 NEW-198746 NW 6kw/46m, 29-32-31/96-29-41
 TX Houston 101.7 KQEU-LP PC<25m, 29-43-02/95-39-09
 TX Humble 101.7 K269GT PG<60w/31m, 30-00-03/95-17-15; CL from Porter
 TX Marshall 92.3 KCUL-FM OFF June 20th for financial reasons
 TX Meridian 106.5 KITT PG 250w/118m, 31-54-17/97-40-49; CL from Hico
 TX Mertzon 103.5 KBJX PG 25kw/213m, 31-16-40/100-51-42
 TX Mertzon 103.5 KBJX PG 25kw/213m, 31-16-40/100-51-42
 TX Mesquite 107.1 KBPM-LP PG 100w/19m, 32-42-18/96-33-05
 TX Ozona 94.3 KYXX PG<6kw/-2m, 30-43-05/101-12-34
 TX Ozona 94.3 KYXX PG<6kw/-2m, 30-43-05/101-12-34
 TX Port Lavaca 107.3 K297CB PG 250w/51m
 TX Spearman 98.3 KXDJ PC>22kw/255m
 TX Three Rivers 94.5 KEMA PG 50kw/142m, 28-47-53/98-20-12
 TX Tolar 95.5 KOMA-FM QG from 95.3, 1.55kw/393m, 32-16-31/98-01-22; CL from Meridian
 VA Halifax 106.3 WMNA-FM PG>18.5kw/117m, 36-58-22/79-05-32; CL from Gretna
 VA Lynchburg 107.5 W298CN PG>250w/192m, 37-20-57/79-10-05
 WA Walla Walla 98.7 K254DK PC 10w/326m, 45-59-38/118-10-47
 WA White Salmon 104.5 KXXP NW 4.9kw/963m, 45-38-56/121-43-17
 WA Yakima 96.1 K241CV NW 180w/284m, 46-30-48/120-24-03 (KYAK-930)
 WV Saint Marys 107.9 W300AQ PG>250w/108m, 39-22-49/81-11-36 (WHNK-1450 Parkersburg)
 WI Appleton 100.7 W264CN PG 38w/60m, 44-14-42/88-30-14
 WI Neenah 102.1 W271AC PG 50w/46m, 44-09-02/88-29-52



Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099
southernfmdx@wtfd.org – Deadline: 15th
August 2019

Doug Speheger – Norman, OK – EM15gf

6/19 Es

1326 XHAGT AG Aguascalientes, “La Mejor” slogan and stream match 965
1454 XHMSL SN Los Mochis, RDS: “Stereo Uno,” HD with 4 HD channels decoded 944
1456 XHVJS SO Ciudad Obregon, “La Mejor”

Fred Nordquist – Moncks Corner, SC – FM03AF

Sangean HDT-1X and AirSpy with latest version of SDR Console (v3.0.10). All new to log except WFFN 95.3 Coaling AL which is now my shortest Es distance record (prev logged via tropo). ELT

6/23 Es 1146-1524 GT/HN/MXVC/MXCP/MXCH/MXYC MUF: 107.7

1146 XHRUV 90.5 VC Xalapa, PI: 3FQ1 – ‘KRUV,’ PS: XHRUV-FM, SS, public 1410
1403 XHPUGC 96.3 VC Ursulo Galvan, SS, “La Caliente” 1391
1405 TGFM 94.9 GT Ciudad Guatemala, SS, “9-4-9 Radio” 1448
1414 XHLL 90.1 VC Boca Del Rio, SS, “Fusion 91” 1393
1417 TGER 96.1 GT Ciudad Guatemala, PI: FFFF, PS: MUNDO, SS, “Radio Nuevo Mundo” 1444
1417 TGED 92.9 GT Ciudad Guatemala, PI: 2121 – ‘KGMR,’ PS: Radio Disney, SS “Radio Disney” 1444
1433 XHORA 99.3 VC Orizaba, SS, “Ori Stereo,” local ad 1447
1437 XHCS 103.7 VC Veracruz, SS, “Amor 103” 1391
1447 R Ixtateca 99.5 GT San Mateo Ixtateca, SS, “Radio Ixtateca,” religious, not on WTFDA FM Db 1390
1450 R Maranatha 106.7 CH San Cristobal, PI: A16B – ‘KAED,’ PS: MARANATHA, SS, has website, not on WTFDA FM Db 1355
1458 XHMAB 101.3 CP Ciudad Del Carmen, PI:---- - ‘KWI,’ PS: RETRO FM, SS, “Retro FM” 1246
1502 XHOT 97.7 VC Xalapa, PI: ---- - ‘WOD,’ SS, RT: XHOT-FM 1410
1503 En Vida 94.7 HN Santa Rosa Copan, SS, “Envida FM,” religious, not on WTFDA FM Db 1389
1509 XHBD 104.9 VC Banderilla, PI:1409 – ‘KACV,’ PS: EL PATRON, SS, “El Patron” 1409
1520 XHHTY 107.1 VC Martinez De La Torre, SS, “La Mejor” 1401
1728 XHPCHQ 91.3 QR Chetumal, PI: 0000, PS: HAAMIL, SS, “Haamil” 1138
1817 WGTX 102.3 MA Truro, “The Dunes,” local weather 812

6/25 Es 1232-2000 NL/TX MUF: 107.7

1243 KPYM 106.1 TX Matagorda, SS, “La Nueva 106.1” 954

7/2 ES 1932-2000 MI/MN/WI MUF: 104.3

1944 WUFN 96.7 MA Albion, “Family Life Radio,” religious 675

7/3 Es 1752-1816 NS/MA/ME/PE/NB/RI/CT MUF: 107.7

1810 WPXC 102.9 MA Hyannis, PI: 7E9C, PS: song/artist, rock 786
1814 WWRX 107.7 CT Stonington, PI: 9091, PS: 107.7 JAMMIN, “Jammin 107” 719
1818 WOCN 104.7 MA Orleans, PI: 79E1, soft rock 803

7/13 Es 1101-1216 NS/NB/PE/ME/VT/MA/QC/NY MUF: 107.7

1418 CKDY-1 103.3 NS Weymouth, ID, weather 1075
1419 CKQD-1 103.7 PE Elmira, local ads 1309
1420 CBZ 101.5 NB St. John, NY Metropolitan Opera 1157
1459 CHHI 95.9 NB Miramichi City, PI: C488, PS: song/artist, “95-9 Sun FM” 1216

1500 WRNM 91.7 ME Ellsworth, multi-station ID, "God's Country" 995
 1511 CKHZ 103.5 NS Halifax, PI: CCDB, country 1174
7/17 Es 1101-1216 CAYM/DOM/JAM/MX/PR MUF: 107.9
 1107 WVID 90.3 PR Anasco, PI: FFFF, VID903, SS, "VID 903" 1297
7/20 Es 1032-1500 TX/LA/NE/IA/MN/SD/NS/AL/KS/MO/AR/CI/NL/OK/MS MUF 107.9
 1039 KNCH 90.1 TX San Angelo, PI: 328F, PS: KNCH 1202
 1050 XHEMU 103.7 CI Piedras Negras, PI: A684 – 'WEMU,' PS: XHEMU-FM, SS 1253
 1301 KMKK 93.9 SD Rapid City, PI: 2BAA, adult hits 1454
 1327 WFFN 95.3 AL Coaling, PI: 626B, PS: The Bear, previous via tropo, new Es shortest distance record! 439
 1341 KPHR 106.3 MN Ortonville, PI: 3863, classic rock 1222
 1350 KIPI 93.5 SD Eagle Butte, PI: 3990 – 'WZXA,' PS: KIPI, rock 1394
 1354 KQSF 95.7 SD Dell Rapids, PI: 3C19, country 1162
 1400 KABD 107.7 SD Ipswich, PI: A11D, PS: song/artist, adult hits 1290
 1401 KQLC 106.1 ND Lisbon, ID, "Thunder 106-1" 1308
 1402 KMOM 105.5 SD Roscoe, ID 1308
 1403 KBFO 106.7 SD Aberdeen, PI:---- - 'WYV,' PS: song/artist, adult hits 1290
 1408 KPHA 91.7 ND Mandan, PI: 3852, religious talk 1430
 1412 KNBZ 97.7 SD Redfield, PI: 3328 1294
 1415 KGID 96.3 TX Giddings, PI: A2AB 1023
 1417 WKSO 97.3 MS Natchez, PI: 70F2, PS: KISS973, adult hits 678
 1418 KALD 91.9 TX Caldwell, PI: 1121 993
 1427 KBMQ 88.7 LA Monroe, ID 703
 1431 KPCH 99.3 LA Ruston, PI: 37D7 739
 1434 KYKX 105.7 TX Longview, PI: 507B, country 862
 1442 KBLZ 102.7 TX Winona, PI: 13DB, r&b 881
 1447 KKUS 104.1 TX Tyler, local ad 901
 FM Log Total to date = 4018

.....
Glenn Hauser – P.O. Box 1684 –Enid OK 73702 – wghauser@yahoo.com –
www.worldofradio.com

Lots of great Es loggings from Glenn this month. Check them out at forums.wtfda.org under VUD FM DX Reports.

.....
 Here's some info that will shed light on some recently reported catches.....

First, Jim Thomas in Springfield MO has info on a couple stations heard by Fred Nordquist, as reported earlier in this month's column. Ref HNHN Santa Rosa Copan on 6/23, Jim writes, "HRIS Vida FM, originates at 106.5 in San Pedro Sula. They have four relays on 94.7: LaCeiba, Tela, Danil and Santa Rosa de Copan. I'm checking with CONATEL Honduras to see what the technical data is for the 94.7 relays. Their website is radiovidafm.net.

The second item noted is Fred's logging of Radio Ixtateca on the same date. Per Jim, "Radio Ixtateca Luz Divina 99.5 is located in San Mateo Ixtatan, Huehuetenango. They are a sanctioned religious broadcaster (allowed by the SIT but they do not hold a license).

And from Doug Smith in Pleasant View TN (a suburb of Smashville) comes info on a logging by Jeff Falconer in Northern FM DX. According to Doug, "Jeff Falconer's unID at 1928 on June 20, 2018, on 104.1 is a match for KTEG Santa Fe NM. The 'correct' PI code for KAZQ, the call that came up on Jeff's receiver, is 129A. The correct PI code for KTEG is 429A. iHeart stations replace the first digit of the 'correct' PI code with a 1, so 129A would be the expected PI for an iHeart station when the formula says it should be 429A. KTEG is an iHeart station and has had a rock format for years.

See y'all next month!

Northern FM DX

Northern FM DX



Keith McGinnis
 Hingham, MA
 longwave@comcast.net

For D~~x~~ers 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.

EDITORS NOTE. PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.
 All Submissions must be in to me by the 10th of each month.

Russ Edmunds
 Blue Bell, PA
 (15 mi NW of Philadelphia) Grid FN20id

SDRPlay RSP1a SDRs, Onkyo T450RDS, Yamaha T-80 & Conrad RDS Manager; Yamaha T-85 & Conrad RDS Manager; all w APS9B @ 15'; Insignia NSHDRAD2 w/ whip

Time	CALL	FREQ	CITY	ST	RDS PI & PROG DETAILS	DIST
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June 12 2019 Es

9:39	WWKA	92.3	Orlando	FL	Country, ID	863
9:44	WSMR	89.1	Sarasota	FL	RDS Capture	8579 988
9:45	WPRG	89.5	Columbia	MS	AFR: "Financial Issues"	1020
9:45	WUSF	89.7	Tampa	FL	RDS Capture	8B51 940
9:47	KQID	93.1	Alexandria	LA	RDS Capture	3B13 1112
9:50	WBVM	90.5	Tampa	FL	RDS Capture	597A 939
9:53	WKSJ	94.9	Mobile	AL	RDS Capture	17ED 973
9:55	WSMS	99.9	Artesia	MS	ID	861
9:57	WJIS	88.1	Bradenton	FL	RDS Capture	6D4E 987
9:57	WAFR	88.3	Tupelo	MS	ID	835
9:58	WSGA	92.3	Hinesville	GA	ID	676
9:59	WWIO	88.9	Brunswick	GA	RDS Capture	8F9E 710
10:00	KAYT	88.1	Jena	LA	Fox 48 (Alexandria) News	1131
10:00	WAPE	95.1	Jacksonville	FL	ID	767
10:00	WYFB	90.5	Gainesville	FL	ID	810
10:02	WGTF	89.5	Dothan	AL	RDS Capture	6673 838
10:04	WMAE	89.5	Booneville	MS	RDS Capture	745C 822
10:04	KYFL	89.5	Monroe	LA	RDS Capture	4FED 1072
10:07	WOLR	91.3	Lake City	FL	RDS Capture	973F 816
10:07	KAVK	89.3	Many	LA	RDS Capture	122C 1131
10:12	WGUO	94.9	Reserve	LA	Country, ID	1104
10:13	KQKI	95.3	Bayou Vista	LA	RDS Capture	3B4C 1158
10:16	KVCL	92.1	Winnfield	LA	Winn Parish PSA's	1119
10:18	WRWA	88.7	Dothan	AL	ID	846
10:19	WFFN	95.3	Coaling	AL	RDS Capture	626B 825
10:20	KGRM	91.5	Grambling	LA	RDS Capture	219E 1102

10:23	WCTQ	92.1	Venice	FL	RDS Capture	13B2	987	
10:24	KJVC	92.7	Mansfield	LA	RDS Capture - New	29E8	1170	
10:25	KJGM	88.3	Bastrop	LA	SONLIFE		1057	
10:25	WMBV	91.9	Dixon's Mill	AL	Moody	887		
10:25	KUUZ	95.9	Lake Village	AR	SONLIFE, ID - New		993	
10:25	WJLV	94.7	Jackson	MS	RDS Capture	6D9F	996	
10:26	WMAU	88.9	Bude	MS	RDS Capture	75EB	1056	
10:28	WMAW	88.1	Meridian	MS	RDS Capture	75EB	920	
10:28	WLXW	89.7	Waynesboro	MS	RDS Capture	7420	950	
10:29	unid	90.7			Piano music across	BOH		
10:31	KCKR	91.9	Church Point	LA	RDS Capture	165D	1162	
10:34	WBBN	95.9	Taylorville	MS	ID - New		986	
10:37	KPAO	88.1	Plaquemines	LA	RDS Capture	0000	1131	
10:38	KTDY	99.9	Lafayette	LA	ID	1169		
10:45	KITA	89.5	Iota	LA	RDS Capture	270E	1194	
10:49	KALD	91.9	Caldwell	TX	RDS Capture	1121	1367	
10:52	WRKF	89.3	Baton Roouge	LA	RDS Capture	8295	1121	
10:57	KMSL	91.7	Mansfield	LA	AFR, local ID		1173	
10:58	KUT	90.5	Austin	TX	ID into Texas Standard News			1438
10:59	KHML	91.5	Madisonville	TX	ID (KHCB Net)		1313	
11:07	KTSR	92.1	DeQuincy	LA	RDS Capture	4411	1223	
11:12	WAOY	91.7	Gulfport	MS	RDS Capture	0000	1028	
11:15	KLDN	88.9	Lufkin	TX	Classical, Red River Radio Fund Drive			
11:15	KOOS	91.7	Albany	TX	Fund drive for Catholic Radio			1404
11:19	KAVX	91.9	Lufkin	TX	RDS Capture	1239	1240	
11:23	KTYR	89.7	Trinity	TX	R. Aleluya		1294	
11:23	KNTU	88.1	McKinney	TX	RDS Capture	3456	1295	
11:30	KVLL	94.7	Wells	TX	T40, ID		1258	
11:30	unid	99.9			"Channel 9 Trading Post", first caller from Bayview			
11:31	KYDA	101.7	Azle	TX	RDS Capture	4FAE	1262	
11:42	KAFX	95.5	Diboll	TX	RDS Capture - New	F000	1244	
11:48	KAKV	88.9	El Dorado	AR	K-Love		1076	
11:50	unid	88.9			Classical music, Bogus PI of 5B5B (WCNZ)			
11:55	KXNG	91.7	Houston	TX	ID		1322	
19:30	WMPN	91.3	Jackson	MS	RDS Capture	75EB	986	
17:45	KUT	90.5	Austin	TX	ID		1438	

June 18 2019 Es

17:50	KHML	91.5	Madisonville	TX	Biodrama (KHCB Net // 91.9)			1313
17:50	KALD	91.9	Caldwell	TX	Biodrama (KHCB Net // 91.5)			1367
17:55	KMHA	89.5	Austin	TX	RDS Capture, classical music		3032	1435
9:24	KORN	92.1	Parkston	SD	RDS Capture	36BF	1200	

June 21 2019 Es

10:23	KUSQ	95.1	Worthington	MN	ID		1073	
10:24	KNSW	91.7	Worthington	MN	RDS Capture	343E	1088	
10:27	KVCF	90.5	Freeman	SD	ID		1161	
10:29	KUSD	89.7	Vermillion	SD	RDS Capture	46A7	1136	
10:31	KKYA	93.1	Yankton	SD	ID		1160	
10:35	KZUM	89.3	Lincoln	NE	Local concert promos - New			1124
10:41	KGOR	99.9	Omaha	NE	ID		1089	
10:43	KMLV	88.1	Ralston	NE	RDS Capture	A3E3	1087	
10:45	KCSI	95.3	Red Oak	IA	ID		1045	
10:52	KRLS	92.1	Knoxville	IA	RDS Capture	3E14	938	

10:52	KETR	88.9	Commerce	TX	RDS Capture 1C8F	1235	
10:55	KMLL	91.7	Marysville	KS	EAS Alert for surrounding counties - New		
11:04	KZAN	91.7	Hays	KS	Pgm: "High Plains Morning", HPPB		
11:07	KPRD	88.9	Hays	KS	RDS Capture 3959	1251	
11:09	KSKG	99.9	Salina	KS	ID	1191	
11:43	KTCS	99.9	Fort Smith	AR	ID	1116	
11:46	KZLE	93.1	Batesville	AR	ID	941	
11:47	KBHN	89.7	Booneville	AR	ID	1082	
11:49	KHPQ	92.1	Clinton	AR	RDS Capture 2412	958	
11:52	KZMP	104.9	Pilot Point	TX	Asian music, talk		1278
11:53	KUAF	91.3	Fayetteville	AR	RDS Capture 44D5	1061	
11:53	KWCV	88.9	Walnut Ridge	AR	RDS Capture 4A61	918	
11:57	KTXG	90.5	Greenville	TX	AFR & local ID's		1257
11:58	KHCP	89.3	Paris	TX	KHCB Net ID - New		1193
12:00	KMXK	94.9	Cold Spring	MN	RDS Capture 3210	1038	
12:01	KZZA	106.7	Muenster	TX	Spanish, TOH ID - New		1309
12:01	KYDA	101.7	Azle	TX	RDS Capture 4FAE	1262	
12:04	KWGS	89.5	Tulsa	OK	RDS Capture 4AC6	1156	
12:06	KQCV	95.1	Shawnee	OK	Bott network	1198	
12:08	KTFX	101.7	Warner	OK	RDS Capture 42C5	1129	
12:09	KNYD	90.5	Broken Arrow	OK	RDS Capture 34C7	1160	
12:09	KNTU	88.1	McKinney	TX	RDS Capture 3456	1295	
12:11	KAYH	89.3	Fayetteville	AR	RDS Capture 1277	1055	
12:11	KIVY	92.7	Crockett	TX	"Real Country", then "Kiss an Angel Good Morning", site shows slogan change - New		
12:14	KAIA	91.5	Bloomfield	MO	RDS Capture A1D0	846	
12:19	KFWR	95.9	Jacksboro	TX	Country, ID - New		1347
12:27	KBMP	90.5	Enterprise	KS	Bott Network	1176	
12:28	KERX	95.3	Paris	AR	RDS Capture 1C61	1077	
12:32	KVNE	89.5	Tyler	TX	RDS Capture 48CA	1224	
12:32	KVOM	101.7	Morrillton	AR	Ad for Phil Wright Toyota		1015
12:33	KASU	91.9	Jonesboro	AR	RDS Capture 11E8	887	
12:34	KCNY	107.1	Greenbrier	AR	RDS Capture 16B2	988	
12:35	KYHD	94.7	Valliant	OK	RDS Capture A519	1167	
12:36	KRUE	92.1	Waseca	MN	ID	964	
12:36	KCMO	94.9	Shawnee	KS	RDS Capture 168E	1029	
12:39	KGZ	88.1	Abilene	TX	RDS Capture 2143	1458	
12:41	KHCD	89.5	Salina	KS	RDS Capture 22B3	1176	
12:41	KIWR	89.7	Council Bluffs	IA	RDS Capture 276D	1087	
12:42	KANU	91.5	Lawrence	KS	RDS Capture 1166	1066	
12:43	KJIR	91.7	Hannibal	MO	RDS Capture 623B	1007	
12:44	KNWI	107.1	Osceola	IA	ID	975	
12:46	KNCK	94.9	Concordia	KS	ID	1192	
12:47	KXCV	90.5	Maryville	MO	NW MO State promos		1032
12:48	WQKQ	92.1	Dallas City	IL	ID	837	
12:59	KHYI	95.3	Howe	TX	ID	1265	
13:00	KOLA	103.5	Ogden	KS	Country, ID	1134	
13:02	KLTY	94.9	Arlington	TX	RDS Capture 2F12	1318	
13:07	KSUI	91.7	Iowa City	IA	Iowa Public Radio		844
13:09	KBYB	101.7	Hope	AR	ID	1115	
13:17	KKGQ	92.3	Newton	KS	Wichita ads, weather		1191
13:21	KICT	95.1	Wichita	KS	Ad for Eddie's Chrysler-Jeep-Dodge		
13:22	KFXI	92.1	Marlow	OK	RDS Capture 1F92	1300	
13:28	KCBK	91.5	Frederick	OK	Gospel, ID	1351	
13:31	KJTH	89.7	Ponca City	OK	ID	1229	
13:35	KDHX	88.1	St. Louis	MO	Jazz, concert promos		818
13:43	KCKJ	89.5	Sarcoixie	MO	RDS Capture - New	1655	1024
13:45	KBDD	91.9	Winfield	KS	SONLIFE	1180	
9:06	KJWM	91.5	Grand Island	NE	ID	1222	

June 24 2019 Es

9:06	KCSI	95.3	Red Oak	IA	Station event promo	1045
9:06	KIWR	89.7	Council Bluffs	IA	ID	1087
9:10	KXNE	89.3	Norfolk	NE	RDS Capture	4E12 1150
9:10	KMLV	88.1	Ralston	NE	K-Love	1087
12:59	KLDN	88.9	Lufkin	TX	LSU-Shreveport promo, "Red River Radio"	

June 26 2019 Es

13:00	KTYR	89.7	Trinity	TX	ID	1294
13:03	KGRM	91.5	Grambling	LA	RDS Capture	219E 1102
13:03	KAVX	91.9	Lufkin	TX	RDS Capture	1239 1240
13:04	KAPM	91.7	Alexandria	LA	RDS Capture	0000 1138
13:09	KYFL	89.5	Monroe	LA	RDS Capture	4FED 1072
13:16	KAKV	88.9	El Dorado	AR	K-Love	1076
13:18	unid	91.5			Moody Net - nothing listed in skip zone	
13:52	KVNE	89.5	Tyler	TX	RDS Capture	48CA 1224
13:53	KRWR	92.1	Tyler	TX	Presumed this with sports talk; or possibly KQSM-AR	1233
14:15	KLTY	94.9	Arlington	TX	ID	1318
14:15	KHKN	94.9	Maumelle	AR	ID	1009
14:22	KTXK	91.5	Texarkana	TX	ID	1146
10:40	KYFL	89.5	Monroe	LA	RDS Capture	4FED 1072

June 28 2019 Es

12:31	KVNE	89.5	Tyler	TX	RDS Capture	48CA 1224
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June 30 2019 Es

19:08	KAIA	91.5	Bloomfield	MO	RDS Capture	A1D0 846
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July 2 2019 Es

19:09	KHPQ	92.1	Clinton	AR	RDS Capture	2412 958
19:15	KWFC	89.1	Springfield	MO	RDS Capture	4A9C 994
19:16	KCKJ	89.5	Sarcoxie	MO	ID	1024
19:16	unid	89.5			Salvation Army Beat The Heat Box Fan Drive	
19:19	WYNG	94.9	Mount Carmel	IL	K-Love, this based on skip zone	679
19:20	KTTS	94.7	Springfield	MO	RDS Capture	442C 978
19:20	KWND	88.3	Springfield	MO	audio // KCKJ-89.5	978
19:24	KGGO	94.9	Des Moines	IA	ID	953
19:25	WDLN	89.3	E. Moline	IL	Moody Net - is this based on skip zone	
19:25	WSIU	91.9	Carbondale	IL	RDS Capture	8514 768
19:25	unid	91.7			Classical violin	
19:30	KVNE	89.5	Tyler	TX	ID	1224
19:30	KAPM	91.7	Alexandria	LA	RDS Capture	0000 1138
19:33	KHKN	94.9	Maumelle	AR	RDS Capture	138D 1009
19:33	unid	90.5			Opera - mostly female vocals	

19:34	unid	88.3			Bluegrass music promo for 800-350-9255 which has no apparent connection
19:34	KUAR	89.1	Little Rock	AR	RDS Capture 44E1 1011
19:34	KTXK	91.5	Texarkana	TX	NPR, ID 1146
19:35	KPAQ	88.1	Plaquemines	LA	RDS Capture 0000 1131
19:35	KDHX	88.1	St. Louis	MO	RDS Capture 18B9 818
19:37	KTSR	92.1	DeQuincy	AR	ID 1223

July 3 2019 Es

18:41	WYFE	88.9	Tarpon Springs	FL	RDS Capture 948E 915
18:42	WXGL	107.3	St. Petersburg	FL	RDS Capture 920B 936
18:43	WMBV	91.9	Dixon's Mills	AL	Moody Net 887
18:45	unid	104.9			Classic Hits or Classic Rock w/ PI 'FFFF'
19:07	KQID	93.1	Alexandria	LA	RDS Capture 3B13 1112
19:07	ZNH	91.7	Nassau	NW	RDS Capture 68A3 1087
19:10	WAYT	88.1	Thomasville	GA	RDS Capture 572B 816
19:10	WVKV	95.3	Nashville	GA	RDS Capture 8D35 768
19:10	WFSU	88.9	Tallahassee	FL	RDS Capture 63C4 815
19:12	WMAW	88.1	Meridian	MS	RDS Capture 75EB 920
19:12	WMPN	91.3	Jackson	MS	RDS Capture 75EB 986
19:12	WQVE	101.7	Albany	GA	ID - New 770
19:13	KLAA	103.5	Tioga	LA	RDS Capture 2DOC 1130
19:13	WLXW	89.7	Waynesboro	MS	RDS Capture 7420 950
19:14	WSMS	99.9	Artesia	MS	ID 861
19:14	KFNV	107.1	Ferriday	LA	ID 1072
19:14	WYOY	101.7	Gluckstadt	MS	ID 986
19:14	WRKF	89.3	Baton Rouge	LA	RDS Capture 8295 1121
19:16	WUAL	91.5	Tuscaloosa	AL	RDS Capture 8983 829
19:16	WFFN	95.3	Coaling	AL	RDS Capture 626B 825
19:16	WBVM	90.5	Tampa	FL	RDS Capture 597A 939
19:17	WZEW	92.1	Fairhope	AL	RDS Capture 972A 980
19:17	WKOR	94.9	Columbus	MS	ID 852
19:17	WSLY	104.9	York	AL	Fox Sports 903
19:17	unid	103.5			Oldies: "I'm A Believer" (Monkees)
19:19	unid	93.5			Blues, PI of 7A95 (WOJL)
19:19	WAQL	90.5	McComb	MS	AFR // KPAQ-88.1 1046
19:19	WMSU	92.1	Starkville	MS	RDS Capture 7640 877
19:19	WZRH	92.3	LaPlace	LA	ID 1119
19:19	KPAQ	88.1	Plaquemines	LA	RDS Capture 0 1131
19:19	KAVK	89.3	Many	LA	AFR // KPAQ-88.1 1131
19:19	WPRG	89.5	Columbia	MS	AFR // KPAQ-88.1 1020
19:19	KBAN	91.5	DeRidder	LA	AFR // KPAQ-88.1 1193
19:20	WWNO	89.9	New Orleans	LA	NPR 1090
19:21	KTDY	99.9	Lafayette	LA	ID 1169
19:22	WMAU	88.9	Bude	MS	RDS Capture 75EB 1056
19:23	KYFL	89.5	Monroe	LA	RDS Capture 4FED 1072
19:25	WJLV	94.7	Jackson	MS	RDS Capture 6D9F 996
19:25	KAYT	88.1	Jena	LA	ID 1131
19:26	WJNS	92.1	Bentonia	MS	SONLIFE net 977
19:27	KJAE	93.5	Leesville	LA	Country, ID 1184
19:28	KJLO	104.1	Monroe	LA	RDS Capture 28F0 1066
19:28	WLSM	107.1	Louisville	MS	RDS Capture 7394 902
19:29	unid	106.7			Classic Rock: "You Can't Always Get What You Want" - Rolling Stones
19:29	unid	104.9			Country: "Nothin' on but the Radio"
19:30	KRLE	89.7	Carbon Hill	AL	RDS Capture 3E06 799
19:30	WRTT	95.1	Huntsville	AL	ID 724

19:30	WYTF	88.7	Indianola	MS	AFR - only one likely in skip zone - New
19:30	WAFR	88.3	Tupelo	MS	AFR 835
19:30	WHLH	95.5	Jackson	MS	"95.5 Hallelujah FM" liner thanks to Nick for help 996
19:33	WRKS	105.9	Pickens	MS	ESPN, RDS Capture - New 82A2 966
19:33	WOTB	88.7	Pearl River	LA	RDS Capture 7B8F 1054
19:34	WWOZ	90.7	New Orleans	LA	ID - New 1091
19:34	WQNZ	95.1	Natchez	MS	RDS Capture 8053 1080
19:35	WPEF	91.5	Kentwood	LA	ID 1056
19:37	KGRM	91.5	Grambling	LA	RDS Capture 219E 1102
19:37	WEUZ	92.1	Minor Hill	TN	"92.1 and 103.1" liner 738
19:38	KDON	92.1	DeQueen	AR	Ad for Ivan Smith Rugs in Shreveport
19:38	KJGM	88.3	Bastrop	LA	SONLIFE Net 1057
19:39	KVNE	89.5	Tyler	TX	RDS Capture 48CA 1224
19:40	KCKR	91.9	Church Point	LA	RDS Capture 165D 1162
19:40	K208DW	89.5	DeRidder	LA	SONLIFE Net - only possibility for skip zone - New 1195

Harry Hayes - Wilkes-Barre, PA

Equipment: Sony XDR-F1HD rcvr., FM-6 in attic

Time	CALL	FREQ	CITY	STATE	PROG DETAILS
<u>May 10 2019 Es</u>					
1120	WMYZ	88.7	Inverness	FL	"Z-88.3"
1200	WOLR	91.3	Lake City	FL	Repeats WFRF
<u>May 26 2019 Es</u>					
1645	CIJK	89.3	Kentville	NS	"K-Rock"
<u>June 5 2019 Es</u>					
1005	WVPE	88.1	Elkhart	IN	RDS ID, 515 mi. New
1030	KJOC	93.5	Bettendorf	IA	"Quad City's Sports Leader" New
1035	KKOT	93.5	Columbus	NE	"The Hawk"
2029	KMYK	93.5	Osage Beach	MO	Rock music
<u>June 12 2019 Es</u>					
0955	WBRH	90.3	Baton Rouge	LA	ID
1000	WJLH	90.3	Flagler Beach	FL	ID ,Rel.
1030	WMPK	93.5	Summit	MS	"Super Talk MS" New
1127	KAVX	91.9	Lufkin	TX	ID
1200	KRVS	88.7	Lafayette	LA	Voice ID
<u>June 21 2019 Es</u>					
1155	KITN	93.5	Worthington	MN	"Rock-It FM"
1203	KBFC	93.5	Forrest City	AR	Local News ten ABC News "...here in Forrest City"
1206	KASU	91.9	Jonesboro	AR	"Fresh Air" program, Voice ID
<u>June 26 2019 Es</u>					
1318	KJAE	93.5	Leesville	LA	Call ID New

July 3 2019 Es

1939 WRKF 89.3 Baton Rouge LA RDS ID

July 9 2019 Tr

945 WCRG 90.7 Williamsport PA WGRC 91.3 relay, local off, 60 mi. New

July 9 2019 Es

1045 WKGC 90.7 Panama City FL Voice ID
1100 WWOZ 90.7 New Orleans LA RDS ID, Jazz, Blues New
1143 KLSA 90.7 Alexandria LA "Red River Radio"
1215 KOBC 90.7 Joplin MO "K-LOVE 90.7" RDS NON ID, Tent.

Randy Miltier, W6NT
Ashland, OR 97520 CN82

Sony XDR-F1HD receiver
Antenna: Winegard HD-6055P in the attic pointed east

Times Pacific *New

Time CALL FREQ CITY STATEPROG DETAILS

May 21 2019 Es

1835 KFLO 91.5 Albuquerque NM Family Life Radio, ID

June 5 2019 Es

0820 KOIZ 93.1 Amarillo TX Lucky Star Casino ad
0825 KPRF 98.7 Amarillo TX "Lonestar 98.7"

June 14 2019 Es

1817 KKCH 92.7 Glenwood Sp CO Dollar Loan Center ad. "Eagle County"

June 15 2019 Es

1920 KXNE 89.3 Norfolk NE RDS
1930 KRNE 91.5 Merriman NE same prog as KXNE
2020 KMNE 90.3 Bassett NE same prog as KXNE
2027 KBRB(t) 92.7 Sioux City IA "House of Hair, 3 in a Row..."

June 23 2019 Es

2015 CKMP* 90.3 Calgary AB Calgary ads
2042 CKBL* 92.9 Saskatoon SK "The Bull"

June 27 2019 Es

1540 KFMX 94.5 Lubbock TX "FM X"
1550 KFLO(t) 91.5 Albuquerque NM Family Life Radio
1558 KBCO 97.1 Roswell NM "Hot 97.1"
1605 KMTH 98.7 Maljamar NM NPR. "Las Cruces"
1610 KHEY 96.3 El Paso TX "K-HEY Country"

1620	KSII	93.1	El Paso	TX	"KISS FM"
1625	XHEPR*	99.1	Sierra Presidio	CH	RDS

July 2 2019 Es

1740	KPRJ	91.5	Jamestown	ND	Praire Pub. Radio. "ND"
1755	KTAR(t)	92.3	Tucson	AZ	"Arizona"

July 3 2019 Es

0845	KACV	89.9	Amarillo	TX	RDS "KACV-FM"
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Aiming For TV DX from the Big Dipper



This photo from Chad Bryan shows his antenna system seemingly aimed right at the Big Dipper. You don't see too many photos like this around.

SIGN UP & Renewal Form
YEARLY DUES \$10.00 USD for Monthly VUD E-ZINE
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Name _____

Address _____ Apt # _____

City _____ State/Prov _____ Zip _____

Country _____ Interests: TV () FM () 30-50 () Weather ()

E-Mail Address _____

Sign me up/renew me for: 1 year () 2 years () More () _____

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Make your checks/money orders payable to: WTFDA
And *thanks* for your support of the WTFDA!

Madison-Milwaukee GTG 2019

Our 26th annual Madison-Milwaukee Get-Together will be on Saturday, August 17 at our home in Oak Creek, Wisconsin, at 801 E Park Blvd. Radio hobbyists of all kinds are welcome. E-mail me at <DXing2@aol.com> or phone 414 813-7373 if you'd like more information. –Tim Noonan