



FM Towers in Cuba  
Courtesy: Jim Thomas

## THE STATE OF FM RADIO IN CUBA

PLUS MORE DTV REPACK INFO!

The Official Publication of the Worldwide TV-FM DX Association



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# 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 AND MIKE BUGAJ.



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## The Mailbox

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AUGUST 2017

### DUES RECEIVED

DATE	NAME	S/P	EXP
6/24/2017	Mike Lazaro	NY	6-18
6/26/2017	Stan Weisbeck	WA	6-18
6/26/2017	Fred Laun	MD	6-18
6/26/2017	John Adams	OR	6-18
6/27/2017	Craig Cook	FL	6-18
7/5/2017	Richard Novak	FL	7-18
7/11/2017	David Sinclair	BC	7-18
7/11/2017	Ed Phelps	KY	5-18
7/11/2017	Eugene Hinton	CA	8-19
7/11/2017	Al Tobia	CA	6-18

Thanks everyone for your support of the WTFDA!

### MADISON-MILWAUKEE GTG 2017

The 24<sup>th</sup> annual get-together will be held in Oak Creek, Wisconsin this year, on Saturday, August 19<sup>th</sup> at our place at 801 E Park Blvd. If you'll be on the road anyway to view the eclipse, take in the get-together as part of your trip. E-mail me at [DXing2@aol.com](mailto:DXing2@aol.com) or phone me at 414-813-7373. TIM NOONAN

This column is being prepared on the 28<sup>th</sup> of July. At this time I have another 13 renewals received and processed that are not in the column on the left. The checks received for those ten people were processed a little earlier than I would have liked (and they've all been cashed). The Mailbox next month will have those 13 renewals plus any other renewals I receive after today.

This is just a short note to say hello to Richard Novak. Richard lives in Fort Pierce, Florida. I know that Chris and the others down that way will be happy to have another member aboard from their state. Welcome, Richard!

### COMMENTS!

Just in case you thought you were the only one disgusted with the condition of the FM and TV bands, you are not alone. Here are some comments from some of your fellow WTFDA members...

Stan Weisbeck: "I'm happy to rejoin WTFDA for my 25<sup>th</sup> year! My best DX frequencies of 93.3 and 94.1 are gone to translators. Pretty much every .4mhz across the band has a local signal on it now. Still, I try for DX."

And then there is Richard Porter: "I think the FCC's taking away so much of the video spectrum is a real tragedy!! Especially when a lot of it will be used for

inferior sounding cell phone operation. No one seems to really care about quality these days – only quantity. This is progress???????? Very typical of society in general!!”

This leads me to a letter I just received from Gary Siegel. Gary’s in Toledo, Ohio.

Gary Siegel: “I’m enclosing a money order to continue in WTFDA for another year. Unfortunately with less enthusiasm than in the past. Part of that is atmospheric, fewer tropo, ducting and E-skip episodes in recent years has made FM/TV DXing increasingly less fruitful. New TV DX essentially has been terminated by digital TV that precludes exotic reception-unless one has specialized equipment which seems to require increased costs.

FM DX is being hurt by the FCC’s desire to fill the FM band beyond capacity. They’ve filled open channels; are infringing on coverage areas of established stations with higher power translators and higher power digital transmissions riding alongside analog transmissions, thus harming adjacent channel reception close to local and semi-local stations. This likely accounts for the diminished tropo, ducting and E skip reception that numerous DXers are complaining about. Frustration in the hobby is due in part to supposed technology advances, some by the FCC to try to aid a fading medium – AM. The effort to help AM is both a detriment and hindrance to FM as well as to DXers. This from a federal agency that is supposed to be an advocate of consumers as well as the industry. The case for AM remediation would not be necessary if 1) the FCC would allow more sensible amount of night time interference on the AM dial instead of allowing silly flea night power for virtually all licensed stations, leveling night power with more non-directionality, cutting back some of the higher power stations’ wattages, especially those who use dial killing HD digital IBOC at night. The FCC talks about the noise on the AM dial, yet they are the ones promoting it. 2) Encourage local Edison companies to clean up their power infrastructure. 3) Decrease the crowding of frequencies on the AM dial, encourage more to just go off the air. 4) If AM is dead in the eyes of many, establish a lower frequency FM dial section for some of these AM stations to migrate to, 5) End AM digital broadcasts altogether, no one is buying digital radios, and the side channel noise is harming both coverage areas and is masking skywave reception; bring back AM stereo to boost, clean and clear overall reception.

Why am I focusing on AM’s overall status? Because let’s face it folks the FCC has a mistaken notion that fixing AM’s problems by dumping their stations onto FM can somehow

bring back a failing medium, which is now threatening to turn FM into a failure of a medium. This in turn threatens our hobby by causing detrimental QRM for those who enjoy FM both for its clarity and perceived greater listener enjoyment. With TV now highly limited in its receptibility, FM teetering on the edge as a distance reception medium, the future of our hobby does not look promising. I’ve for example spent the better part of the last 5 years gradually crawling toward the 1300 mark of stations heard on FM, finally pushing through with the help of 7 nearby Michigan translators – not exactly how I envisioned doing this, when at one time I would have thought hearing 2000 FM stations would have been more than feasible from my Toledo, OH location.”

Thanks Stan, Richard and Gary for your comments. We all need to vent sometimes. I vent quite a bit to my wife about the hobby and I know she’s sick of listening to me. So, if you have something to say, send me an email, write me a letter and I’ll put it here.

### DATABASE UPDATE – CUBAN FM STATIONS

From Jim Thomas: “This WTFDA FM database update comes courtesy of Radiocuba, the juvenile wing of their big brother, the ICRT.

Radiocuba recently updated the coordinates for all FM radio stations, island-wide. Antenna heights at HAAT were also. It kind of amazes me that Radiocuba is slowly stepping up. They’ve also noted transmitter/tower parks (farms), which are mostly repeaters of the large Cd. Habana stations. Those have been noted in the Remarks column.

Late last night (Saturday, July15th), I completed updating the entire list in the DB. Approximately 90% of the Cuban FM radio stations co-ordinates (latitude & longitude) will take you to the base of the broadcast tower. This can be evidence by trying it with Google Maps satellite view. It’s actually pretty awesome. However, some of the Google Maps satellite views do not have a very high resolution to them (compared to other parts of the Earth), so you might be hard-pressed to actually see a tower. Some of the shorter \*sticks\* are buried in residential areas, so I have to assume they have the co-ordinates correct.”

**Is the FM band crowded?** As of June 30<sup>th</sup> - 6755 commercial stations, 4111 educational, 7453 boosters and translators, 1966 LPFMs. Total: 20,285 stations. Nah, it’s not crowded ☺ CU in 30.



# TV News

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**August 2017**

We have a massive number of repack-related channel changes this month. I'm dispensing with "Requests channel change from..." and simply typing "From". Also, my word processor was upchucking with the massive tables so I'm afraid I've had to dispense with the state flags.

Location	RF Ch	Callsign	Notes
<b>Alabama</b>			
Bessemer	14	WDBB	From 18, 317kw/668m
Birmingham	7	WVTM-TV	From 13, 21.6kw/400m; granted
Birmingham	16	W47EI	From 47
Birmingham	20	WABM	From 36, 621kw/401m; granted
Birmingham	29	WBRC	From 50, 609kw; granted
Demopolis	17	WJMY-CD	From 25, 12.5kw
Florence	2	WHDF	From 14, 9.9kw
Gadsden	33	WPXH-TV	From 45, 105kw/347m; granted
Gulf Shores	27	WFNA	From 25, 348m; granted
Homewood	21	WTTO	From 28, 605kw/422m
Huntsville	17	WAAY-TV	From 32, 310kw/538m; granted
Huntsville	18	WZDX	From 41, 449kw/525m
Jacksonville	35	WEAC-CD	From 34, 13kw
Louisville	30	WGIQ	From 43, 702kw
Mobile	18	WMPV-TV	From 20, 667kw; granted
Mobile	20	WKRQ-TV	From 27, 961kw/578m; granted
Mobile	30	WEIQ	From 41, 427kw/185m
Montgomery	8	WSFA	From 12, 32.1kw/594m; granted
Montgomery	22	WCOV-TV	From 20, 505kw/528m; granted
Montgomery	28	WMCF-TV	From 46, 597kw; granted
Mount Cheaha	12	WCIQ	From 7, 46kw/599m
Opelika	17	WLGA	From 30, 372kw; granted
Selma	25	WAKA	From 42, 707kw/495m
Selma	34	WBIH	From 29, 404m; granted
Talladega	23	WOIL-CD	From 47, 1.85kw
Troy	19	WIYC	From 48, 27.6kw; granted
Tuscaloosa	36	WSES	From 33, 319kw; granted
Tuskegee	18	WBMM	From 22, 52kw/337m
<b>Alaska</b>			
Anchorage	7	KYES-TV	From 5, 50kw/240m, 61-25-22/149-52-20. Has nothing to do with repack.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
<b>Arizona</b>			
Phoenix	22	KPDF-CA	From 41, 3.02kw; granted
<b>Phoenix</b>	<b>27</b>	<b>KASW</b>	<b>From 49, 200kw/551m; granted</b>
<b>Phoenix</b>	<b>29</b>	<b>KTAZ</b>	<b>From 39, 425kw/552m; granted</b>
Snowflake	3	K03FB	Converted to digital, 300 watts
<b>Sierra Vista</b>	<b>21</b>	<b>KWBA-TV</b>	<b>From 44, 525kw/332m; granted</b>
<b>Tucson</b>	<b>16</b>	<b>KHRR</b>	<b>From 40, 235kw/622m; granted</b>
Tucson	36	KUVE-CD	From 42, 8.2kw; granted
<b>Arkansas</b>			
Bentonville	35	KHMF-CA	Granted Special Temporary Authority to use this channel, vs. authorized ch. 14, due to overload problems in the radios of first responders operating just below the channel. 6.28kw.
<b>Camden</b>	<b>18</b>	<b>KMYA-DT</b>	<b>From 49, 530kw; granted</b>
El Dorado	36	KLMB-CD	From 23
<b>Eureka Springs</b>	<b>25</b>	<b>KXNW</b>	<b>From 34, 57.8kw/218m; granted</b>
Fort Smith	25	KDFD-CD	From 44, 10.2kw; granted
<b>Hot Springs</b>	<b>16</b>	<b>KVTH-DT</b>	<b>From 26, 52.6kw/263m; granted</b>
Hot Springs	18	KTVV-LD	Power reduced to 5kw
<b>Jonesboro</b>	<b>18</b>	<b>KVTJ-DT</b>	<b>From 48, 420kw/296m; granted</b>
<b>Little Rock</b>	<b>14</b>	<b>KARZ-TV</b>	<b>From 44, 525kw</b>
<b>Pine Bluff</b>	<b>34</b>	<b>KASN</b>	<b>From 39, 906kw; granted</b>
<b>Rogers</b>	<b>33</b>	<b>KNWA-TV</b>	<b>From 51, 820kw/259m; granted</b>
Siloam Springs	24	KKAF-CD	From 33; granted
<b>California</b>			
<b>Anaheim</b>	<b>12</b>	<b>KDOC-TV</b>	<b>From 32, 52kw/1129m; granted</b>
<b>Bakersfield</b>	<b>26</b>	<b>KUVI-DT</b>	<b>From 45, 424kw; granted</b>
Bakersfield	35	KABE-CD	From 39, 13.9kw; granted
Cherry Valley	8	KILA-LD	Requests power increase to 600 watts; granted
<b>Chico</b>	<b>20</b>	<b>KNVN</b>	<b>From 24, 225kw/567m</b>
<b>Chico</b>	<b>36</b>	<b>KHSL-TV</b>	<b>From 43, 170kw/462m</b>
<b>Clovis</b>	<b>27</b>	<b>KGMC</b>	<b>From 43, 205kw; granted</b>
<b>Corona</b>	<b>25</b>	<b>KVEA</b>	<b>From 39, 748kw/901m; granted</b>
<b>Cotati</b>	<b>5</b>	<b>KRCB</b>	<b>From 23, 980 watts/627m; granted</b>
<b>Fresno</b>	<b>32</b>	<b>KVPT</b>	<b>From 40</b>
Fresno	35	KZMM-CD	From 22
<b>Garden Grove</b>	<b>42</b>	<b>KBEH</b>	<b>CL from Oxnard, to accomodate channel sharing with KWHY-TV Los Angeles</b>
<b>Indio</b>	<b>27</b>	<b>KVER-CD</b>	<b>From 41, 10.3kw</b>
Los Angeles	4	KVHD-LD	From 40, 2.1kw dismissed, due to KWHY-TV
<b>Los Angeles</b>	<b>4</b>	<b>KWHY-TV</b>	<b>Application for new auxiliary backup transmitter. Technical specifications not given. Granted channel change from 42, 3.79kw/887m.</b>
Los Angeles	22	KHTV-CD	From 27, 7.24kw; granted
Los Angeles	22	KMRZ-LD	Power increased to 15kw
<b>Los Angeles</b>	<b>31</b>	<b>KCBS-TV</b>	<b>From 43, 470kw/952m; granted</b>
Los Angeles	32	KNLA-CD	From 50, 10.7kw; granted
Merced	19	KMPH-CD	From 49, 2.06kw
<b>Oakland</b>	<b>31</b>	<b>KTVU</b>	<b>From 44, 775kw; granted</b>
Ontario	27	KPOM-CD	From 45, 360 watts
<b>Palm Springs</b>	<b>26</b>	<b>KMIR-TV</b>	<b>From 46, 80.5kw; granted</b>
<b>Paradise</b>	<b>17</b>	<b>KCVU</b>	<b>From 20, 180kw/431m</b>
<b>Rancho Palos Verdes</b>	<b>30</b>	<b>KXLA</b>	<b>From 51, 670kw/937m; granted</b>
Sacramento	19	KMUM-CD	From 31, 11.5kw

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
<b>Sacramento</b>	<b>22</b>	<b>KSPX-TV</b>	<b>From 48, 592kw/488m</b>
<b>Sacramento</b>	<b>24</b>	<b>KMAX-TV</b>	<b>From 21, 630kw/613m</b>
<b>Salinas</b>	<b>11</b>	<b>KCBA</b>	<b>From 13; granted</b>
Salinas	28	KMMD-CD	From 39, 12kw
<b>San Bernardino</b>	<b>5</b>	<b>KVCR-DT</b>	<b>From 26, 3.6kw; granted</b>
San Bernardino	12	K12QV	Requests conversion to digital, 1kw, 34-09-56/117-18-27; amendment from 3kw
<b>San Bernardino</b>	<b>24</b>	<b>KPXN-TV</b>	<b>From 38, 746kw/905m; granted</b>
<b>San Diego</b>	<b>17</b>	<b>KNSD</b>	<b>From 40, 200kw/579m; granted</b>
<b>San Diego</b>	<b>19</b>	<b>KPBS</b>	<b>From 30, 285kw/573m</b>
San Diego	24	KBNT-CD	From 25, 14.6kw
<b>San Francisco</b>	<b>7</b>	<b>KRON-TV</b>	<b>From 38, 47.5kw/507m; granted</b>
<b>San Francisco</b>	<b>12</b>	<b>KGO-TV</b>	<b>From 7; granted</b>
<b>San Francisco</b>	<b>20</b>	<b>KDTV-DT</b>	<b>From 51, 200kw; granted</b>
San Francisco	21	KFTL-CD	From 28, 12.8kw
San Francisco	22	KAXT-CD	From 42, 7kw; granted
<b>San Francisco</b>	<b>28</b>	<b>KBCW</b>	<b>From 45, 790kw/490m</b>
<b>San Francisco</b>	<b>32</b>	<b>KCNS</b>	<b>From 39, 960kw/518m</b>
<b>San Jose</b>	<b>13</b>	<b>KNTV</b>	<b>From 12, 95kw/419m; granted</b>
<b>San Jose</b>	<b>19</b>	<b>KSTS</b>	<b>From 49, 120kw; granted</b>
San Luis Obispo	32	K50LZ	From 50, 10.7kw
San Luis Obispo	36	KSBO-CD	From 42, 13.4kw; granted
<b>San Mateo</b>	<b>27</b>	<b>KCSM-TV</b>	<b>From 43, 334.5kw/518m</b>
Van Nuys	27	KSKJ-CD	From 45, 696 watts; granted
<b>Visalia</b>	<b>22</b>	<b>KNXT</b>	<b>From 50, 126kw/827m</b>

#### **Colorado**

<b>Castle Rock</b>	<b>15</b>	<b>KETD</b>	<b>From 45, 56kw/315m; granted</b>
<b>Colorado Springs</b>	<b>26</b>	<b>KKTV</b>	<b>From 49, 355kw/719m; granted</b>
Denver	16	KQDK-CD	From 39, 560 watts
<b>Denver</b>	<b>18</b>	<b>KPXC-TV</b>	<b>From 43, 305kw/358m</b>
<b>Denver</b>	<b>31</b>	<b>KTVD</b>	<b>From 19, 960kw</b>
<b>Denver</b>	<b>33</b>	<b>KRMA-TV</b>	<b>From 18</b>
<b>Denver</b>	<b>36</b>	<b>KDVR</b>	<b>From 32, 590kw/291m</b>
<b>Greeley</b>	<b>17</b>	<b>KPJR-TV</b>	<b>From 38, 633kw</b>
Pueblo	21	KGHB-CD	From 27, 11.5kw
<b>Pueblo</b>	<b>25</b>	<b>KVSN-DT</b>	<b>From 48, 222kw; granted</b>
<b>Pueblo</b>	<b>28</b>	<b>KOAA-TV</b>	<b>From 42, 664kw</b>
Romeo	27	K47KC	From 47

#### **Connecticut**

<b>Bridgeport</b>	<b>21</b>	<b>WEDW</b>	<b>From 49, 99.4kw/219m; granted</b>
<b>Bridgeport</b>	<b>42</b>	<b>WZME</b>	<b>Application for new transmitter, 50kw/367m, 40-44-54/73-59-10 dismissed. Second transmitter on the Empire State Building, NYC, to create a two-transmitter DTS.</b>
Hartford	22	WUTH-CD	From 47, 9.03kw
<b>Hartford</b>	<b>30</b>	<b>WEDH</b>	<b>From 45, 365kw/506m; granted</b>
<b>New Britain</b>	<b>31</b>	<b>WVIT</b>	<b>From 35, 200kw/450m; granted</b>
<b>New London</b>	<b>28</b>	<b>WHPX-TV</b>	<b>From 26, 496kw/385m; granted</b>
<b>Waterbury</b>	<b>33</b>	<b>WCCT-TV</b>	<b>Granted channel change from 20, 69.2kw/517m. Old application to increase to 470kw on ch. 33 dismissed.</b>

#### **Delaware**

Dover	3	WEVD-LD	From 27, 550 watts
Georgetown	42	W42EI	Requests power reduction to 9.1kw

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Seaford	24	WDPB	From 44, 65.2kw/194m
Wilmington	13	WHYY-TV	From 12; granted
Wilmington	34	WPPX-TV	From 31, 213kw/371m; granted
<b>District of Columbia</b>			
Washington	9	WUSA	Sharing host for WJAL Hagerstown MD.
Washington	22	WMDO-CD	To share with WIAV-CD
Washington	34	WRC-TV	From 48, 624kw/244m; granted
Washington	44	WIAV-CD	Sharing host for WMDO-CD
<b>Florida</b>			
Boca Raton	25	WBEC-TV	From 40, 734kw
Bradenton	29	WXPX-TV	From 42, 198kw/475m; granted
Cape Coral	34	WFTX-TV	From 35, 1000kw/391m; granted
Cocoa	32	WHLV-TV	From 51, 699kw; granted
Daytona Beach	15	WVEN-TV	From 49, 59kw; granted
Daytona Beach	21	WDYB-CD	From 14, 11.8kw; granted
Destin	22	WDES-CD	From 35, 3.78kw; CL from Miramar Beach; granted
Destin	29	WFBD	From 48, 704kw/312m; granted
Fort Myers	31	WINK-TV	From 50, 700kw/416m; granted
Fort Pierce	18	WTCE-TV	From 38, 649kw; granted
Fort Walton Beach	14	WFGX	From 50, 471kw/583m
Fort Walton Beach	25	WAWD	From 49, 19.9kw; granted
Fort Walton Beach	31	WPAN	From 40, 84kw
Gainesville	8	WNBW-DT	From 9
Gainesville	27	WYME-CD	From 45, 10.5kw
High Springs	29	WGFL	From 28, 125kw/288m; granted
Hollywood	24	WAMI-DT	Granted channel change from 47, 631kw
Inglis	24	WYKE-CD	From 47, 9.78kw; granted
Jacksonville	9	WJCT	Granted channel change from 7, 17.5kw/297m
Jacksonville	11	WJKF-CD	From 12
Jacksonville	14	WFOX-TV	Granted channel change from 32, 547kw
Jacksonville	18	WJXT	From 42, 550kw/304m; granted
Jacksonville	21	WJEB-TV	From 44, 622kw
Jacksonville	34	WBXJ-CD	Granted channel change from 43, 5.87kw
Kissimmee	21	WKME-CD	From 15
Lakeland	18	WMOR-TV	From 19, 940kw/478m; granted
Leesburg	7	WACX	From 40, 53.2kw
Live Oak	17	WFXU	From 48, 11.6kw/133m; granted
Marathon	21	W21CL	Requests conversion to digital, 12kw; granted
Melbourne	14	WOPX-TV	From 48, 380kw/468m; granted
Melbourne	22	WOTF-DT	From 43, 600kw; granted
Miami	19	WSBS-CD	From 50, 3.4kw
Miami	21	WPXM-TV	From 35, 96kw/279m; granted
Miami	26	WLRN-TV	From 20, 1000kw/302m; granted
Miami	27	WSFL-TV	From 19, 900kw/240m; granted
Miami	28	WHFT-TV	From 46, 701kw
Miami	33	WJAN-CD	From 41, 11.4kw; granted
Naples	28	WZVN-TV	From 41, 769kw; granted
Naples	30	WWDT-CD	From 43, 11.6kw
Naples	32	WXCW	From 45, 900kw/393m; granted
New Smyrna Beach	24	WDSC-TV	From 33, 282kw/490m; granted
Orlando	20	WZXZ-CD	Granted channel change from 36, 706w
Orlando	21	W21AU	Converted to digital, 11.43kw
Orlando	28	WRBW	From 41, 587kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Orlando	33	WOFL	From 22, 770kw; granted
Orlando	34	WUCF-TV	From 23, 1000kw
Orlando	36	WHDO-CD	From 38, 14.4kw
Palm Beach	7	WFGC	From 49, 12.1kw; granted
Palm Beach	17	WTCN-CA	From 43, 8.64kw; granted
Panama City	16	WJHG-TV	From 18; granted
Panama City Beach	33	WPCT	From 47, 101kw; granted
Pensacola	24	WSRE	From 31, 859kw/552m
Pensacola	35	WJTC	From 45, 826kw; granted
St. Augustine	29	WQXT-CD	From 28
St. Petersburg	19	WTOG	From 44, 255kw/478m; granted
Stuart	33	WWHB-CA	From 48, 1.58kw; granted
Stuart	34	WHDT	From 42, 599kw
Tallahassee	22	WTWC-TV	Granted channel change from 40, 317kw
Tallahassee	30	WVUP-CD	From 45, 12.6kw; granted
Tampa	9	WFLA-TV	From 7, 36kw/464m; granted
Tampa	17	WFTS-TV	From 29, 760kw/469m; granted
Tampa	20	WFTT-DT	Granted channel change from 47, 300kw/421m
Tampa	30	WRMD-CD	From 49, 10.4kw

### Georgia

Athens	7	WGTV	From 8, 24kw/327m
Atlanta	14	WSKC-CD	From 22, 12.3kw; granted
Atlanta	20	WANN-CD	From 29, 11.4kw
Atlanta	31	WPCH-TV	From 20, 805kw/329m
Atlanta	32	WSB-TV	From 39, 869kw; granted
Atlanta	34	WATC-DT	From 41, 288kw
Atlanta	36	WUPA	From 43, 975kw
Augusta	19	WBPI-CD	From 49, 8.14kw; granted
Augusta	28	WJBF	From 42, 755kw/504m
Augusta	36	WFXG	From 31, 27.5kw/362m; granted
Bainbridge	19	WTLH	From 50, 354kw
Chatsworth	4	WNGH-TV	From 33, 2.15kw/567m
Cochran	9	WMUM-TV	From 7, 33kw/330m
Columbus	5	WJSP-TV	From 23, 1.45kw/432m; granted
Columbus	26	WYBU-CD	From 16; granted
Cordele	34	WSST-TV	From 22, 66.2kw
Dalton	28	WELF-TV	From 16, 475kw; granted
Dawson	7	WACS-TV	From 8, 4.9kw; granted
Macon	26	WGXA	From 16, 575kw/243m; granted
Macon	30	WMGT-TV	From 40, 90.1kw; granted
Macon	33	WGNM	From 45, 793kw; granted
Monroe	22	WHSB-TV	From 44, 550kw
Perry	23	WPGA-TV	From 32, 82.2kw/190m
Rome	16	WPXA-TV	From 31, 670kw/596m
Savannah	8	WVAN-TV	From 9, 22kw/389m; granted
Savannah	16	WSAV-TV	From 39, 673kw; granted
Thomasville	20	WCTV	From 46, 490kw/617m; granted
Valdosta	31	WSWG	From 43, 43kw/258m; granted
Waycross	7	WXGA-TV	From 8, 36.5kw/315m; granted

### Hawaii

Honolulu	18	KALO	From 38, 62.6kw
Honolulu	20	KITV	From 40, 41.1kw/54m; granted
Honolulu	26	KWBN	From 43, 4.58kw; granted



<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Honolulu	36	KHLU-CD	From 46, 12.3kw
Kailua	25	KKAI	From 50. Two-site DTS: Site 1: 29.5kw; Site 2: 7.34kw
Kaneohe	32	KPXO-TV	From 41, 25.4kw/662m

### Idaho

Boise	15	KKJB	From 39, 20.7kw; granted
Coeur d'Alene	18	KCDT	From 45, 31.1kw

### Illinois

Alton	36	W36EX	From W50CH, 128 watts; granted
Arlington Heights	28	WEDE-CD	From 34, 2.84kw
Champaign	32	WICD	From 41, 715kw/396m; granted
Champaign	34	WCIA	From 48, 350kw/294m
Charleston	50	WEIU-TV	Application for new backup transmitter (255kw/146m) dismissed
Chicago	18	WMEU-CD	From 32, 11kw
Chicago	20	WWME-CD	From 39, 10kw
Chicago	22	WLS-TV	From 44, 700kw
Chicago	23	WCIU-TV	From 27, 503kw; granted
Chicago	24	WFLD	From 31, 859kw
Chicago	25	WTTW	From 47, 193kw
Chicago	26	WPVN-CD	From 20; granted
Chicago	33	WMAQ-TV	From 29, 377kw; granted
Chicago	34	WCPX-TV	From 43, 91kw
Decatur	20	WAND	From 17; granted
East St. Louis	28	WRBU	From 47, 58kw/334m; granted
Jacksonville	18	WSEC	From 15, 82kw/292m; granted
Joliet	35	WGBO-DT	Granted channel change from 38, 550kw/418m
Macomb	36	WMEC	From 21, 100kw/129m; granted
Marion	30	WTCT	From 17, 775kw
Moline	31	WQAD-TV	From 38, 868kw/329m; granted
Mount Vernon	42	W42EM	Requests power reduction to 5kw, 38-34-27/90-19-31
Olney	23	WUSI-TV	From 19, 50.5kw; granted
Peoria	24	WHOI	From 19, 165kw/205m; granted
Peoria	26	WMBD-TV	From 30, 822kw/192m
Peoria	33	WAOE	From 39, 23.1kw; granted
Peoria	35	WTVP	From 46, 155kw/214m; granted
Rockford	36	WQRF-TV	From 42, 910kw; granted
Springfield	11	WCIX	From 13
Springfield	15	WICS	From 42, 429kw/436m; granted
Springfield	16	WRSP-TV	From 44, 185kw
Sugar Grove	27	W27EB	From W40CN, 11.5kw; granted
Urbana	36	WCCU	From 26, 624kw; granted

### Indiana

Bloomington	27	WTTV	From 48, 325kw/360m; granted
Bloomington	28	WIPX-TV	From 27, 125kw/324m; granted
Bloomington	33	WTIU	From 14, 384kw/219m; granted
Elkhart	30	WSJV	From 28, 324kw; granted
Evansville	12	WEHT	From 7, 14kw/314m; granted
Evansville	22	WTVW	From 28, 570kw/301m
Evansville	26	WFIE	From 46, 168kw/310m; granted
Evansville	28	WEVV-TV	From 45
Fort Wayne	16	WFWC-CD	From 45, 876 watts
Fort Wayne	18	WFWA	From 40, 109kw/219m

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Fort Wayne	20	WFFT-TV	From 36, 770kw/216m; granted
Fort Wayne	32	WANE-TV	From 31, 226m; granted
Fort Wayne	34	WISE-TV	From 18, 456kw
Hammond	21	WJYS	From 36, 105kw; granted
Indianapolis	7	WHMB-TV	From 20, 12.6kw/299m; granted
Indianapolis	16	WDNI-CD	From 19, 13.9kw
Jasper	24	WJTS-CD	From 18
Jeffersonville	29	WJYL-CD	From 16, 12.9kw; granted
Marion	28	WIWU-CD	From 51, 930 watts; granted
Muncie	19	WIPB	From 23, 228kw; granted
Salem	16	WMYO	From 51, 487kw; granted
Salem	21	WRLW-CD	From 41, 58 watts
South Bend	27	WNDU-TV	From 42, 650kw/310m
South Bend	29	WSBT-TV	From 22, 310kw
South Bend	36	WHME-TV	From 48, 236kw/293m; granted
Terre Haute	18	WAWV-TV	From 39, 250kw; granted. News stores suggest this station may be at reduced power or off the air, see WTWO.
Terre Haute	35	WTWO	From 36, 464kw
Terre Haute	36	WTWO	Granted Special Temporary Authority to operate at half power due to transmission line failure
Vincennes	31	WVUT	From 22, 69.4kw/162m

#### Iowa

Burlington	21	KGCW	From 41, 447kw/385m; granted
Cedar Rapids	22	KPXR-TV	From 47, 240kw/326m; granted
Davenport	17	KWQC-TV	From 36, 341m; granted
Davenport	30	KLJB	From 49, 770kw/328m; granted
Dubuque	14	KFXB-TV	From 43, 580kw; granted
Marshalltown	17	KDAO-CD	From 44, 780 watts; granted
Mason City	24	KIMT	From 42, 610kw/466m; granted
Newton	36	KFPX-TV	From 39, 103kw/156m
Sioux City	14	KTIV	From 41, 484kw/613m; granted
Sioux City	32	KMEG	Granted channel change from 39, 870kw

#### Kansas

Lawrence	25	KMCI-TV	From 41, 685kw/306m; granted
Pittsburg	20	KPJO-LP	From 49, 15kw
Topeka	16	KTKA-TV	From 49, 51kw/445m; granted
Topeka	20	KTMJ-CD	From 43, 9.27kw; granted
Wichita	15	KSNW	From 45, 471kw
Wichita	34	KFVT-LD	From 40

#### Kentucky

Ashland	36	WKAS	From 26, 63.2kw/147m; granted
Bowling Green	24	WNKY	From 16, 90kw; granted
Bowling Green	29	WKGB-TV	From 48, 32.5kw/247m; granted
Campbellsville	15	WLCU-CD	From 23, 2.48kw
Covington	22	WCVN-TV	From 24, 39.9kw/125m; granted
Danville	19	WDKY-TV	From 31, 765kw; granted
Elizabethtown	23	WKZT-TV	From 43, 33.7kw/191m; granted
Hazard	33	WKHA	From 16, 55.9kw; granted
Lexington	27	WTVQ-DT	From 40, 487kw/285m; granted
Lexington	28	WLEX-TV	From 39, 379kw
Lexington	35	WKLE	From 42, 35.8kw/263m; granted
Louisville	14	WLKY	From 26, 400kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Louisville	18	WKYI-CD	From 24, 13kw; granted
Louisville	30	WKPC-TV	From 17, 52.7kw/267m; granted
Louisville	32	WDRB	From 49, 724kw/390m
Louisville	34	WKMJ-TV	From 38, 31.2kw/267m; granted
Louisville	36	WAVE	Granted channel change from 47, 680kw
Madisonville	31	WKMA-TV	Granted channel change from 42, 36.7kw/316m
Morehead	25	WUPX-TV	From 21, 604kw/446m; granted
Morehead	30	WKMR	From 15, 60.5kw/297m; granted
Murray	17	WKMU	From 36, 32.7kw/198m; granted
Newport	15	WXIX-TV	From 29, 164kw; granted
Owensboro	17	WKOH	From 30, 37.3kw/137m; granted
Owenton	24	WKON	From 44, 28.7kw/222m; granted
Paducah	19	WPSD-TV	From 32, 679kw; granted
Paducah	23	WKPD	From 41, 32.9kw/153m; granted
Paducah	25	WDKA	From 49, 623kw; granted
Pikeville	23	WKPI-TV	From 24, 45.1kw/428m; granted
Scottsville	15	WPBM-CD	From 46, 7.78kw; amendment to add power reduction
Somerset	17	WKSO-TV	From 14, 49.1kw/446m; granted

### Louisiana

Alexandria	26	KBCA	From 41, 810kw/302m; granted
Alexandria	33	KLPA-TV	From 26, 572kw
Baton Rouge	24	WGMB-TV	From 45, 665kw/423m
Baton Rouge	36	KBTR-CD	From 41, 13.6kw; granted
Hammond	35	KGLA-DT	From 42, 681kw; granted
Lake Charles	18	KVHP	Granted channel change from 30, 300kw/393m
Lake Charles	24	KFAM-CD	From 14
Minden	32	KPXJ	From 21, 700kw; granted
New Iberia	14	KLWB	From 50, 480kw; granted
New Orleans	23	WLAE-TV	From 31
New Orleans	27	WWL-TV	From 36, 829kw; granted
New Orleans	31	KNOV-CD	From 41, 5.16kw; granted
New Orleans	33	WPXL-TV	From 50, 575kw/271m
New Orleans	36	WBXN-CD	From 18, 5.45kw
Shreveport	16	KSHV-TV	From 44, 301kw; granted
Shreveport	17	KLTS-TV	From 24, 297kw
Shreveport	23	KSLA	Granted channel change from 17, 181kw/541m
Shreveport	36	KADO-CD	From 40, 13.9kw; granted
Slidell	17	WUPL	From 24, 715kw
West Monroe	19	KARD	From 36, 691kw/524m; granted
West Monroe	22	KMCT-TV	From 38, 25kw; granted

### Maine

Biddeford	36	WMEA-TV	From 45, 42.1kw; granted
Lewiston	24	WPME	From 35, 11.4kw/267m; granted
Portland	15	WGME-TV	From 38, 480kw/500m; granted
Portland	31	WCSH	From 44, 775kw; granted
Portland	34	WPXT	From 43, 103kw/267m; granted
Waterville	17	WPFO	From 23, 338kw/333m

### Maryland

Annapolis	31	WMPT	From 42, 415kw/287m; granted
Baltimore	22	WMPB	From 29, 36.5kw/307m; granted
Baltimore	25	WNUV	From 40, 425kw
Baltimore	26	WBFF	From 46, 420kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Baltimore	27	WMAR-TV	From 38, 830kw/307m
Frederick	21	WFPT	From 28, 35.2kw/156m; granted
Hagerstown	23	WDVM-TV	From 26, 577kw/377m; granted; call changed from WHAG-TV
Hagerstown	29	WWPB	From 44, 372kw/366m; granted
Hagerstown	39	WJAL	To share with WUSA Washington DC. I believe the city of license is also changing to Washington but I don't see anything official on that.
Oakland	26	WGPT	From 36, 80.8kw/283m; granted
Salisbury	19	WRUE-LD	Call changed from W19DZ
Salisbury	21	WCPB	From 28, 113kw/154m; granted
Salisbury	29	WMDT	From 47, 246kw
Salisbury	32	WBOC-TV	From 21, 920kw/284m; granted
Towson	23	WMJF-CD	From 39, 3.57kw; granted

### Massachusetts

Boston	5	WGBH-TV	From 19, 6.7kw/363m
Boston	22	WPX-TV	From 32, 241kw/289m
Boston	32	WGBX-TV	From 43, 455kw/388m
Boston	34	WFXT	From 31, 910kw/351m; granted
New Bedford	24	WLNE-TV	From 49, 200kw/285m; granted
Pittsfield	7	WNYA	From 13, 12.45kw/303m; granted
Springfield	13	WGBY-TV	From 22, 30kw/303m
Springfield	21	WFXQ-CD	From 28, 22 watts; granted
Winchendon	22	WVMA-CD	From 47, 9.04kw; granted
Worcester	19	WUNI	From 29, 216kw

### Michigan

Ann Arbor	24	WPXD-TV	From 50, 206kw/291m; granted
Battle Creek	16	WOBC-CD	From 14, 296 watts; granted
Battle Creek	17	WOTV	From 20, 270kw/327m
Battle Creek	21	WZPX-TV	From 44, 98kw/320m
Bay City	23	WBSF	From 46, 43.9kw; granted
Cadillac	34	WCMV	From 17, 493kw; granted
Cheboygan	16	WTOM-TV	From 35, 38kw/194m
Detroit	15	W33BY	From 33, 2.66kw
Detroit	20	WTVS	From 43, 345kw/323m
Detroit	21	WWJ-TV	From 44, 275kw/327m
Detroit	22	WDWO-CD	From 18, 15kw
Detroit	25	WXYZ-TV	From 41, 720kw/301m
Detroit	31	WMYD	From 21, 622kw; granted
Detroit	32	WDIV-TV	From 45, 720kw/307m; granted
Detroit	34	WKBD-TV	From 14, 195kw/295m; granted
East Lansing	33	WKAR-TV	From 40, 376kw/297m
Escanaba	32	WJMN-TV	From 48, 736kw; granted
Grand Rapids	35	WOLP-CD	From 41, 14.4kw; granted
Kalamazoo	22	WLLA	From 45, 275kw
Kalamazoo	33	WOKZ-CD	From 50, 71 watts; granted
Lansing	14	WLAJ	From 25, 372kw
Lansing	28	WSYM-TV	From 38, 487kw/305m; granted
Manistee	20	WCMW	From 21, 68.3kw
Marquette	8	WNMU	From 13, 15.5kw; granted
Mount Clemens	27	WADL	From 39, 605kw/187m; granted
Muskegon	31	WMKG-CD	From 49
Saginaw	18	WEYI-TV	From 30, 98kw/393m; granted
Saginaw	36	WAQP	From 48, 678kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Traverse City	35	WPBN-TV	From 47, 398kw
Vanderbilt	21	WFUP	From 45, 66kw/325m; granted
<b>Minnesota</b>			
Alexandria	24	KSAX	From 42, 55.3kw/361m; granted
Duluth	18	KQDS-TV	From 17, 297m
Minneapolis	30	KSTC-TV	From 45, 745kw/430m
Rochester	26	KXLT-TV	From 46, 108kw
St. Cloud	16	KPXM-TV	From 40, 375kw/449m
St. James	49	K49HE	Granted power reduction to 1.3kw, 44-06-25/95-35-44 (Walnut Grove); power reduced
St. Paul	35	KSTP-TV	Application for new auxiliary backup transmitter, 1000kw/346m
<b>Mississippi</b>			
Biloxi	32	WLOX	From 39, 485kw/397m; granted
Booneville	9	WMAE-TV	From 12, 35kw/224m; granted
Cleveland	17	WXVT-LD	Power increased to 15kw, 33-39-25/90-42-17; call changed from WFXW-LD
Fulton	24	W39CA	From 39, 11kw
Greenville	15	WFXW	Call changed from WXVT
Gulfport	25	WXXV-TV	From 48, 190kw; granted
Holly Springs	26	WBUY-TV	From 41, 736kw; granted
Jackson	14	WDBD	From 40, 555kw; granted
Meridian	13	WTOK-TV	From 11, 104kw/159m; granted
Meridian	28	WMAW-TV	From 44, 737kw/378m; granted
Mississippi State	8	WMAB-TV	From 10, 8.9kw/351m; granted
Natchez	15	WNTZ-TV	From 49, 530kw/312m; granted
Senatobia	23	WWTW	To share with WTWV Memphis
Tupelo	11	WTVB	From 8, 18.2kw/541m; granted
Tupelo	17	WEPH	From 49, 517kw; granted
Vicksburg	36	WLOO	From 41, 950kw/582m; granted
<b>Missouri</b>			
Cape Girardeau	36	KBSI	Granted channel change from 22, 1000kw
Joplin	17	KSNF	From 46, 110kw/320m
Joplin	23	KODE-TV	From 43, 720kw/267m; granted
Joplin	35	KOZJ	From 25, 68kw; granted
Kansas City	36	KSHB-TV	From 42, 647kw/325m; granted
Osage Beach	22	KRBK	From 49 (granted); 25.4kw/119m (Warsaw) 7.36kw/275m (Eldridge) 24.9kw/136m (Polk) 42.6kw/104m (Stockton) 7.46kw/192m (Springfield) (five-transmitter Distributed Transmission System)
Saint Joseph	30	KCJO-LD	Call changed from KBJO-LD
Springfield	16	KOZK	From 23, 84.7kw; granted
Springfield	19	KYTV	From 44, 640kw/625m; replaces KGHZ which has gone dark; granted
St. Louis	17	KETC	From 39, 88.6kw; granted
St. Louis	21	KEFN-CD	From 49, 8.52kw (amendment from 8.32kw); granted
<b>Montana</b>			
Bozeman	29	KDBZ-CD	From 42, 11.6kw
Great Falls	17	KTGF	From 45, 430 watts
Kalispell	15	KUKL-TV	From 46, 12.3kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
<b>Nebraska</b>			
<b>Omaha</b>	<b>26</b>	<b>KPTM</b>	<b>From 43, 497kw; granted</b>
Omaha	27	KOHA-LD	From 48
<b>Omaha</b>	<b>29</b>	<b>KXVO</b>	<b>From 38, 408kw</b>
<b>Omaha</b>	<b>31</b>	<b>KMTV-TV</b>	<b>From 45, 652kw/411m; granted</b>
<b>Nevada</b>			
<b>Paradise</b>	<b>20</b>	<b>KBLR</b>	<b>From 40, 630kw/371m; granted</b>
<b>Reno</b>	<b>11</b>	<b>KTVN</b>	<b>From 13, 15.9kw/891m; granted</b>
<b>Reno</b>	<b>12</b>	<b>KRNV-DT</b>	<b>From 7, 891m</b>
Reno	18	KRNS-CD	From 46, 8.38kw
<b>Reno</b>	<b>23</b>	<b>KRXI-TV</b>	<b>From 44, 600kw/854m</b>
<b>New Hampshire</b>			
<b>Concord</b>	<b>23</b>	<b>WPXG-TV</b>	<b>From 33, 80.6kw/342m; granted</b>
<b>Keene</b>	<b>18</b>	<b>WEKW-TV</b>	<b>From 49, 66kw/328m</b>
<b>Littleton</b>	<b>23</b>	<b>WLED-TV</b>	<b>From 48, 77.3kw/382m</b>
<b>Merrimack</b>	<b>29</b>	<b>WNEU</b>	<b>From 34, 70kw/296m; granted</b>
<b>New Jersey</b>			
<b>Atlantic City</b>	<b>44</b>	<b>WMCN-TV</b>	<b>To share with WPHY-CD Trenton</b>
<b>Burlington</b>	<b>36</b>	<b>WGTW-TV</b>	<b>To share with WMGM-TV Wildwood</b>
<b>Camden</b>	<b>23</b>	<b>WNJS</b>	<b>From 22, 202kw/264m; granted</b>
Glassboro	26	WQAV-CD	From 50
<b>Linden</b>	<b>35</b>	<b>WNJU</b>	<b>From 36, 425kw/496m; granted</b>
<b>Newark</b>	<b>12</b>	<b>WNET</b>	<b>From 13, 4.56kw/508m; granted</b>
Ocean View	33	WSJZ-LD	Power reduced to 106 watts
<b>Secaucus</b>	<b>25</b>	<b>WWOR-TV</b>	<b>From 38, 130kw; granted</b>
Springville	16	WDUM-LD	Requests conversion to digital from analog 41, 5kw
Trenton	22	WPHY-CD	From 50, 3.17kw; channel sharing host for WMCN-TV Atlantic City
<b>Wildwood</b>	<b>36</b>	<b>WMGM-TV</b>	<b>Channel sharing host for WGTW-TV Burlington</b>
<b>New Mexico</b>			
<b>Albuquerque</b>	<b>16</b>	<b>KLUZ-TV</b>	<b>From 42, 321kw/1262m; granted</b>
<b>Albuquerque</b>	<b>36</b>	<b>KASY-TV</b>	<b>From 45, 205kw/1290m</b>
<b>Las Cruces</b>	<b>26</b>	<b>KTDO</b>	<b>From 47, 132kw/553m; granted</b>
<b>New York</b>			
<b>Albany</b>	<b>8</b>	<b>WXXA-TV</b>	<b>From 7, 437m</b>
<b>Albany</b>	<b>24</b>	<b>WTEN</b>	<b>From 26, 725kw/427m; granted</b>
<b>Amsterdam</b>	<b>19</b>	<b>WYPX-TV</b>	<b>From 50, 182kw/220m; granted</b>
<b>Batavia</b>	<b>24</b>	<b>WPXJ-TV</b>	<b>From 23, 465kw/274m</b>
<b>Binghamton</b>	<b>7</b>	<b>WICZ-TV</b>	<b>From 8, 8.7kw/370m; granted</b>
<b>Binghamton</b>	<b>8</b>	<b>WBNG-TV</b>	<b>From 7; granted</b>
<b>Binghamton</b>	<b>27</b>	<b>WIVT</b>	<b>From 34, 298kw; granted</b>
<b>Binghamton</b>	<b>31</b>	<b>WSKG-TV</b>	<b>From 42, 40.2kw; granted</b>
<b>Buffalo</b>	<b>16</b>	<b>WNYO-TV</b>	<b>From 49, 99.8kw; granted</b>
<b>Buffalo</b>	<b>31</b>	<b>WNED-TV</b>	<b>From 43, 123kw/332m; granted</b>
<b>Buffalo</b>	<b>34</b>	<b>WKBW-TV</b>	<b>From 38, 331kw/432m; granted</b>
<b>Buffalo</b>	<b>36</b>	<b>WUTV</b>	<b>From 14, 455kw/329m</b>
<b>Corning</b>	<b>25</b>	<b>WSKA</b>	<b>From 30</b>
<b>Corning</b>	<b>30</b>	<b>WYDC</b>	<b>From 48, 5.36kw/342m; granted</b>
DeWitt	27	WIXT-CD	From 40, 767 watts
<b>Elmira</b>	<b>23</b>	<b>WETM-TV</b>	<b>From 18, 50.6kw; granted</b>
<b>Elmira</b>	<b>35</b>	<b>WENY-TV</b>	<b>From 36, 73.5kw; granted</b>

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Gloversville	16	WFNY-CD	From 48, 441 watts; granted
<b>Garden City</b>	<b>21</b>	<b>WLIW</b>	<b>Power increase to 251kw/123m dismissed (old 2008 application)</b>
<b>Garden City</b>	<b>32</b>	<b>WLIW</b>	<b>From 21, 70kw/126m; granted</b>
<b>Jamestown</b>	<b>5</b>	<b>WNYB</b>	<b>From 26, 1.93kw</b>
<b>Jamestown</b>	<b>26</b>	<b>WNYB</b>	<b>Power increase to 450kw dismissed (old 2008 application)</b>
<b>New York</b>	<b>27</b>	<b>WNYW</b>	<b>From 44, 705kw; granted</b>
<b>New York</b>	<b>34</b>	<b>WPXN-TV</b>	<b>From 31, 106kw/520m</b>
Newburgh	28	WEPT-CD	From 22; granted
Olean	11	WVTT-CD	From 34, 1.25kw; granted
Oneida	32	WTKO-CD	From 36, 7.83kw
<b>Plattsburgh</b>	<b>36</b>	<b>WCFE-TV</b>	<b>From 38, 37kw/742m; granted</b>
<b>Riverhead</b>	<b>29</b>	<b>WLNY-TV</b>	<b>From 47, 790kw/194m</b>
<b>Rochester</b>	<b>9</b>	<b>WHAM-TV</b>	<b>From 13, 155m; granted</b>
<b>Rochester</b>	<b>10</b>	<b>WHEC-TV</b>	<b>Application for new auxiliary backup transmitter, 7.4kw/119m</b>
<b>Rochester</b>	<b>21</b>	<b>WROC-TV</b>	<b>From 45, 686kw/123m; granted</b>
<b>Rochester</b>	<b>22</b>	<b>WXXI-TV</b>	<b>From 16, 125kw/152m</b>
Rochester	26	WGCE-CD	From 25, 4.08kw; granted
Rochester	29	WBGT-CD	From 46, 10.7kw; granted
<b>Saranac Lake</b>	<b>17</b>	<b>WYCI</b>	<b>From 40, 6.94kw; granted</b>
<b>Schenectady</b>	<b>22</b>	<b>WCWN</b>	<b>Granted channel change from 43, 389kw</b>
<b>Schenectady</b>	<b>25</b>	<b>WMHT</b>	<b>From 34, 268kw; granted</b>
Southampton	18	WVVH-CD	From 50, 7.79kw
<b>Syracuse</b>	<b>14</b>	<b>WSYT</b>	<b>From 19, 720kw/415m</b>
<b>Syracuse</b>	<b>15</b>	<b>WNYS-TV</b>	<b>From 44, 590kw/393m; granted</b>
<b>Syracuse</b>	<b>18</b>	<b>WTVH</b>	<b>From 47, 274kw; granted</b>
<b>Syracuse</b>	<b>19</b>	<b>WSTM-TV</b>	<b>From 24, 150kw/410m</b>
<b>Syracuse</b>	<b>20</b>	<b>WCNY-TV</b>	<b>From 25, 96kw/392m</b>
Syracuse	23	WHSU-CD	From 51, 3.85kw
Syracuse	24	WONO-CD	From 34, 2.26kw
Syracuse	25	WTVU-CD	From 34, 13kw
<b>Syracuse</b>	<b>36</b>	<b>WSPX-TV</b>	<b>From 15, 78.1kw</b>
<b>Utica</b>	<b>34</b>	<b>WFXV</b>	<b>From 27, 539kw/244m; granted</b>
<b>Watertown</b>	<b>26</b>	<b>WPBS-DT</b>	<b>From 41, 32.5kw/369m</b>
<b>Watertown</b>	<b>31</b>	<b>WWTI</b>	<b>From 21, 31.1kw/330m</b>

#### North Carolina

<b>Belmont</b>	<b>25</b>	<b>WJZY</b>	<b>From 47, 645kw; granted</b>
<b>Burlington</b>	<b>26</b>	<b>WGPX-TV</b>	<b>From 14, 82kw/239m; granted</b>
<b>Chapel Hill</b>	<b>20</b>	<b>WUNC-TV</b>	<b>From 25, 960kw/461m; granted</b>
<b>Charlotte</b>	<b>9</b>	<b>WTVI</b>	<b>From 11, 357m</b>
Charlotte	15	W15EB	From W21CK; granted
<b>Charlotte</b>	<b>18</b>	<b>WCCB</b>	<b>From 27, 813kw/364m; granted</b>
<b>Charlotte</b>	<b>19</b>	<b>WSOC-TV</b>	<b>Granted channel change from 34, 720kw</b>
<b>Charlotte</b>	<b>24</b>	<b>WCNC-TV</b>	<b>From 22, 828kw; granted</b>
Charlotte	27	WGTB-CD	From 28
<b>Concord</b>	<b>21</b>	<b>WUNG-TV</b>	<b>From 44, 110kw/417m</b>
<b>Durham</b>	<b>9</b>	<b>WTVD</b>	<b>From 11; granted</b>
<b>Durham</b>	<b>14</b>	<b>WRDC</b>	<b>From 28, 523kw/596m; granted</b>
Durham	24	WUBX-CD	Granted channel change from 31, 5.52kw
<b>Fayetteville</b>	<b>22</b>	<b>WUVC-DT</b>	<b>From 38, 235kw/556m; granted</b>
Goldsboro	7	WHFL-CD	From 43, 1.54kw
<b>Goldsboro</b>	<b>8</b>	<b>WNCN</b>	<b>From 17, 29kw/608m</b>
<b>Greensboro</b>	<b>28</b>	<b>WMYV</b>	<b>From 33, 630kw</b>
<b>Greensboro</b>	<b>35</b>	<b>WFMY-TV</b>	<b>From 51, 743kw</b>
<b>Greenville</b>	<b>12</b>	<b>WNCT-TV</b>	<b>From 10, 35.2kw/574m; granted</b>

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Greenville	19	WYDO	From 47, 124kw
Greenville	25	WUNK-TV	From 23, 348m; granted
Greenville	36	WEPX-TV	From 26, 334kw/152m; granted
Jacksonville	16	WPXU-TV	From 34, 401kw/197m; granted
Jacksonville	28	WUNM-TV	From 19, 138kw/562m; granted
Kannapolis	32	WAXN-TV	Granted channel change from 50, 107kw
Linville	36	WUNE-TV	From 17, 165kw/547m; granted
Lumberton	30	WUNU	From 31, 197kw/317m; granted
Lumberton	33	WLPS-CD	From 14; granted
Manteo	13	WSKY-TV	From 9; granted
Morehead City	8	WFXI	Granted Special Temporary Authority to operate at 59% power due to transmitter failure. Station is going dark in January in the spectrum auction.
New Bern	10	WCTI-TV	From 12, 34.2kw/583m; granted
Ogden	35	WTMV-LD	From 39
Pinehurst	34	WYBE-CD	From 44
Raleigh	15	WRAZ	From 49, 509kw/607m; granted
Raleigh	17	WRAL-TV	From 48, 533kw/625m; granted
Raleigh	18	WLFL	From 27, 590kw
Roanoke Rapids	27	WUNP-TV	From 36, 117kw/363m; granted
Rocky Mount	30	WHIG-CD	From 31, 5.18kw
Rocky Mount	32	WRPX-TV	From 15, 205kw/378m; granted
Sanford	36	WBFT-CD	From 46
Smithfield	23	WARZ-CD	From 34, 987 watts; granted
Washington	34	WITN-TV	Granted channel change from 32, 940kw/592m
Wilmington	21	WUNJ-TV	Granted channel change from 29, 940kw/296m
Wilmington	23	WECT	From 44, 462kw; granted
Wilmington	24	WWAY	From 46, 652kw; granted
Wilmington	29	WSFX-TV	From 30, 167kw; granted
Winston-Salem	33	WUNL-TV	From 32, 630kw/501m
<b>North Dakota</b>			
Minot	15	KSRE	From 40, 36.2kw/319m; granted
Valley City	24	KRDK-TV	From 38, 285iw
<b>Ohio</b>			
Akron	17	WBNX-TV	From 30, 505kw/357m
Akron	22	WVPX-TV	From 23, 900kw/294m
Akron	24	WEAO	From 50, 175kw/294m
Alliance	29	WNEO	From 45, 405kw/251m
Athens	32	WOUB-TV	From 27, 305kw/246m; granted
Bowling Green	22	WBGU-TV	From 27, 137kw
Cambridge	6	WOUC-TV	From 35, 7.11kw/338m
Chillicothe	23	WWHO	From 46, 545kw/341m
Cincinnati	17	WCET	From 34, 274kw/325m; granted
Cincinnati	18	WSTR-TV	From 33, 258kw; granted
Cincinnati	26	WCPO-TV	From 22, 985kw/297m; granted
Cleveland	19	WKYC	From 17, 911kw; granted
Cleveland	27	W27EA	From W16DO, 12.9kw; granted
Cleveland	35	WVIZ	From 26, 181kw/330m; granted
Cleveland	36	WQHS-DT	Granted channel change from 34, 360kw/352m
Columbus	16	WOSU-TV	From 38, 311kw; granted
Columbus	24	WDEM-CD	From 17, 1.05kw
Columbus	27	WTTE	From 36, 829kw; granted
Columbus	28	WSYX	From 48, 677kw



<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Dayton	31	WDTN	From 50, 745kw/330m
Dayton	33	WHIO-TV	From 41, 854kw; granted
Dayton	34	WKEF	From 18, 747kw
Dayton	35	WPTD	From 16, 250kw/345m; granted
Dayton	36	WRGT-TV	From 30, 510kw
Mansfield	20	WOHZ-CD	From 41, 9.2kw
Marion	18	WMNO-CD	From 28, 5.96kw
Oxford	29	WPTO	From 28, 410kw/274m; granted
Portsmouth	15	WQCW	From 17, 386m; granted
Sandusky	3	WGGN-TV	From 42, 10kw
Toledo	26	WUPW	Requests channel change from 46, 60kw/370m; granted
Toledo	36	WMNT-CD	From 48, 12kw
Youngstown	31	WYTV	From 36, 903kw

### Oklahoma

Ada	17	KTEN	From 26, 811kw
Bartlesville	36	KDOR-TV	From 17; granted
Claremore	32	KRSU-TV	From 35, 133kw/252m; granted
Lawton	21	K38GL	From 38, 15kw
Oklahoma City	18	KOPX-TV	From 50, 104kw/480m
Oklahoma City	19	KAUT-TV	From 40, 375kw/467m; granted
Oklahoma City	21	KUOT-CD	From 19
Oklahoma City	25	KWTV-DT	From 39, 748kw
Oklahoma City	31	KOHC-CD	From 45, 11.4kw
Poteau	19	KSJF-CD	From 50, 936 watts; granted
Sallisaw	48	K48FL	Requests power increase to 7.97kw; granted
Tulsa	16	KWHB	From 47, 23kw/457m; granted
Tulsa	17	KUTU-CD	From 25, 6.55kw granted
Tulsa	26	KOTV-DT	From 45, 574kw; granted; application for backup transmitter on this channel, 730kw/505m
Tulsa	34	KMYT-TV	From 42, 770kw; granted

### Oregon

Grants Pass	36	K47GI	From 47, 267 watts
Hermiston	19	K48DZ	From 48, 15kw
Portland	15	KOXO-CD	From 41, 8.53kw; granted
Portland	24	KATU	From 43, 678kw; granted
Portland	25	KOIN	From 40, 734kw; granted
Portland	32	KNMT	From 45, 777kw; granted
Portland	36	KKEI-CD	From 38, 8.65kw; granted
Roseburg	15	K51GJ	From 51
Roseburg	36	KTCW	From 45, 10.1kw

### Pennsylvania

Altoona	6	WKBS-TV	From 46, 570 watts; granted
Altoona	24	WTAJ-TV	From 32, 499kw/325m
Altoona	31	WATM-TV	From 24, 790kw/326m
Berwick	36	W47AO	From 47, 12.2kw
Bolivar	22	WTOO-CD	From 23, 14.6kw; granted; city from Altoona
Charleroi	29	WWAT-CD	From 45, 407 watts; granted; city from Uniontown
Charleroi	32	WMVH-CD	From 40, 4.65kw
Darby	36	W36DO	Requests power increase to 1.6kw; granted
Erie	21	WSEE-TV	From 16, 84.5kw; granted
Erie	26	WFXP	From 22, 930kw; granted
Erie	27	WQLN	From 50, 191kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Erie	28	WJET-TV	From 24, 571kw
Greensburg	28	WPCB-TV	From 50, 175kw/278m; granted
Harrisburg	32	WHP-TV	From 21, 954kw
Hazleton	22	WOLF-TV	From 45, 220kw/510m; granted
Hazleton	26	WYLN-LP	From 35, 4.55kw
Johnstown	35	WJAC-TV	From 34, 382m; granted
Kittanning	32	WKHU-CD	From 44, 5.04kw
Philadelphia	28	WCAU	From 34, 618kw; granted
Philadelphia	31	WTFX-TV	From 42, 499kw; granted
Pittsburgh	2	WQED	From 13, 5.83kw/218m; granted
Pittsburgh	16	WINP-TV	From 38, 309kw/208m
Pittsburgh	20	WPGH-TV	From 43, 535kw; granted
Pittsburgh	21	WPNT	From 42, 645kw/312m; granted
Pittsburgh	23	WPXI	From 48, 500kw/306m; granted
Pittsburgh	30	WBYD-CD	From 39, 12.5kw; granted
Scranton	12	WYOU	From 13; granted
Scranton	16	WNEP-TV	From 50, 248kw/519m; granted
Scranton	33	WQPX-TV	From 32, 350kw/377m
Scranton	34	WSWB	From 31, 85kw/379m; granted
Uniontown	22	WWKH-CD	From 47, 4.92kw; granted
Washington	36	WWLM-CD	From 20; granted
Wilkes-Barre	9	W08EM	From 8, 24 watts
<b>Puerto Rico</b>			
Arecibo	35	WCCV-TV	From 46, 40.6kw; granted
Carolina	30	WRFB	From 51, 10.7kw; granted
Fajardo	15	WMTJ	From 16, 174kw/853m; granted
Fajardo	16	WRUA	From 33, 34.1kw; granted
Guayama	34	WIDP	From 45, 40.3kw; granted
Humacao	23	WVSN	From 49, 27.4kw
Mayaguez	20	WOST	From 22, 47.7kw
Mayaguez	31	WNJX-TV	From 23, 476kw/685m
Ponce	14	WTIN-TV	From 15, 371kw/848m
Ponce	16	WQQZ-CD	From 30, 544 watts
Ponce	19	WQTO	Two-site DTS. Site 1: 696kw/310m; Site 2: 13.1kw/334m; amendment from 800kw (1)/15kw (2)
Ponce	36	WVOZ-TV	From 47, 25kw/250m
Quebradillas	23	WQSJ-CD	From 48, 1.27kw
San Juan	22	WSJN-CD	From 20, 10.5kw
San Sebastian	33	WJWN-TV	From 39, 621kw/626m; granted
<b>Rhode Island</b>			
Providence	2	WSBE-TV	From 21, 430 watts/273m; granted
Providence	7	WPRI-TV	From 13, 27kw/309m; granted
Providence	25	WJAR	From 50, 530kw; granted
<b>South Carolina</b>			
Allendale	21	WEBA-TV	From 33, 370kw/241m; amendment from 371kw; granted
Anderson	35	WMYA-TV	From 14, 395kw/320m; granted
Beaufort	32	WJWJ-TV	From 44, 385kw/366m; amendment from 389kw; granted
Charleston	17	WTAT-TV	From 24, 625kw; granted
Charleston	19	WCSC-TV	From 47, 562kw; granted
Charleston	20	WCBD-TV	From 50, 546kw; granted
Charleston	25	WCIV	From 36, 565kw
Columbia	7	WOLO-TV	From 8, 530m

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Columbia	15	WLTX	From 17, 951kw; granted
Columbia	22	WACH	From 48, 175kw/532m; granted
Columbia	25	WZRB	From 47, 155kw
Columbia	33	WRLK-TV	Granted channel change from 32, 282kw/317m
Florence	26	WWMB	From 21, 448kw; granted
Florence	27	WPDE-TV	From 16, 543kw; granted
Greenville	2	WGGG-TV	From 16, 33kw; granted
Hardeeville	26	WTGS	From 28, 957kw; granted
Murrells Inlet	8	WGSC-CD	Channel sharing host for WGSJ-CD
Murrells Inlet	11	WGSJ-CD	To share with WGSC-CD
Myrtle Beach	36	WFXB	From 18
Spartanburg	11	WSPA-TV	From 7, 669m; granted
Sumter	29	WRJA-TV	From 28, 109kw/355m; amendment from 114kw; granted
Sumter	31	WKTC	From 39, 426kw
<b>South Dakota</b>			
Rapid City	21	KNBN	Granted Special Temporary Authority to operate at reduced power of 50kw due to antenna failure
Sioux Falls	21	KDLT-TV	From 47, 589kw; granted
<b>Tennessee</b>			
Adamsville	32	W32EV	From 18 (W18BL); granted
Chattanooga	8	WDEF-TV	From 12; granted
Chattanooga	14	WDSI-TV	From 40, 47.5kw/346m; granted
Chattanooga	35	WTCI	From 29, 181kw/353m; granted
Cleveland	5	WTNB-CD	From 27, 1.67kw; granted
Cleveland	19	WPDP-CD	From 25, 24 watts; granted
Cleveland	23	WFLI-TV	From 42, 338kw
Cookeville	32	WNPX-TV	From 28, 605kw/422m; granted
Greeneville	28	WEMT	From 38, 710kw/719m
Jackson	21	WJKT	From 39, 193kw/319m; granted
Jackson	35	WBBJ-TV	From 43, 857kw/303m; granted
Jellico	18	WPXK-TV	From 23, 889kw/531m
Johnson City	9	WJHL-TV	From 11, 38kw/703m; granted
Kingsport	32	WKPT-TV	From 27, 208kw/708m; granted
Knoxville	15	WTNZ	From 34, 300kw; granted
Lexington	14	WLJT-DT	From 47, 142kw; granted
Memphis	23	WTWV	Channel sharing host for WWTW Senatobia, Miss.
Memphis	33	WPXX-TV	From 51, 537kw/312m; granted
Murfreesboro	16	WHTN	From 38, 618kw; granted
Nashville	7	WNPT	From 8
Nashville	20	WZTV	From 15
Nashville	23	WJDE-LD	From 31, 4.45kw
Nashville	30	WNAB	From 23, 200kw/425m
Nashville	34	WJNK-LD	Converted from analog, 15kw; there are now no analog signals left in Nashville...
Nashville	36	WTVF	From 25, 431m
Tazewell	36	WVLR	From 48, 798kw; granted
Union City	24	WUWT-CD	From 26
<b>Texas</b>			
Abilene	30	KTAB-TV	From 24, 650kw; granted
Arlington	25	KPXD-TV	From 42, 707kw
Austin	23	KNVA	From 49, 320kw/394m
Austin	24	KXLK-CD	From 23; granted
Austin	34	KEYE-TV	From 43, 840kw; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Bastrop	45	KHPB-CD	Cancelled
Baytown	31	KUBE-TV	From 41, 820kw
Beaumont	29	KITU-TV	From 33, 920kw; granted
Belton	17	KNCT	From 46, 272kw; granted
Bryan	29	KYLE-TV	From 28, 53.9kw; granted
Conroe	33	KTBU	From 42, 770kw; granted
Corpus Christi	17	KCRP-CD	From 41, 8.85kw
Corpus Christi	19	KUQI	From 38, 32.9kw; granted
Dallas	21	KDTX-TV	From 45, 611kw
Dallas	27	KDFI	From 36, 829kw
Dallas	28	KLEG-CD	From 44, 10.9kw
Dallas	34	KSTR-DT	From 48, 850kw/519m
Dallas	36	KXTX-TV	From 40, 925kw; granted
De Soto	10	KHPK-LD	Requests power increase to 3kw; granted
Denton	29	KDTN	Granted channel change from 43, 757kw
El Paso	20	KTFN	From 51, 130kw/524m
El Paso	21	KSCE	From 39; granted
Fort Worth	22	KUVN-CD	From 47, 114 watts; granted
Fort Worth	24	KXAS-TV	From 41, 675kw/495m; granted
Fredericksburg	35	KHPF-CD	From 44, 38 watts; granted
Galveston	22	KTMD	From 48, 592kw; granted
Garland	33	KUVN-DT	From 23, 900kw; granted
Georgetown	29	KHPX-CD	From 28, 189 watts; granted
Greenville	23	KTXD-TV	From 46, 130kw/513m
Harlingen	16	KMBH	From 38, 618kw; granted
Harlingen	18	KGBT-TV	From 31, 360kw/460m
Harlingen	21	KLUJ-TV	From 34, 33.9kw; granted
Houston	21	KZJL	From 44, 660kw/460m; granted
Irving	34	KSTR-DT	From 48, 850kw
Katy	25	KYAZ	From 47, 625kw/595m; granted
La Grange	15	KHPL-CD	From 40, 23 watts; granted
Lake Dallas	31	KAZD	From 39, 852kw; granted
Longview	20	KFXK-TV	From 31, 845kw/360m
Lubbock	24	KXTQ-CD	From 46, 5.3kw; granted
Lubbock	25	KTTZ-TV	From 39, 290kw/202m; granted
Lubbock	31	KLBK-TV	From 40, 375kw/271m; granted
McAllen	17	KNVO	From 49, 517kw
McAllen	32	KTFV-CD	From 48, 9kw
Nacogdoches	15	KYTX	From 18, 527kw; granted
Odessa	15	KMLM-DT	From 42, 27.9kw; granted
Odessa	28	KPBT-TV	From 38, 750kw/2374m (typo)
Port Arthur	27	KBTB-TV	Granted channel change from 40, 768kw
Rio Grande City	14	KTLM	From 40, 201kw/576m; granted
Rosenberg	30	KXLN-DT	From 45, 745kw; granted
Round Rock	25	KHPZ-CD	From 15, 85 watts; granted
San Antonio	15	KVDA	From 38, 450kw/451m; granted
San Antonio	24	KNIC-CD	From 34, 5.4kw; granted
San Antonio	28	WOAI-TV	Granted channel change from 48, 612kw
San Antonio	29	KENS	From 39, 816kw
San Antonio	36	KGMM-CD	From 24
San Marcos	20	KHPM-CD	From 40, 24 watts; granted
Texarkana	26	KTAL-TV	From 15, 927kw/480m; granted
Victoria	20	KAVU-TV	From 15, 1000kw
Waco	28	KWKT-TV	From 44, 95.1kw; granted
Wolfforth	23	KLCW-TV	From 43, 127kw/282m; granted

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
<b>Utah</b>			
Eureka	29, 33, 35, 39, 41, 43, 45	K29CJ, K33DL, K35CZ, K39CR, K41DC, K43DA, K45DD	Canceled at request of licensee
<b>Salt Lake City</b>	<b>19</b>	<b>KJZZ-TV</b>	<b>From 46, 114kw/1256m</b>
Salt Lake City	21	KEJT-CD	From 50, 5.5kw
<b>Vermont</b>			
<b>Rutland</b>	<b>10</b>	<b>WVER</b>	<b>From 9, 10.7kw/425m</b>
<b>St. Johnsbury</b>	<b>28</b>	<b>WVTB</b>	<b>From 18, 84.1kw/589m; granted</b>
<b>U.S. Virgin Islands</b>			
Charlotte Amalie	19	WVGN-LD	Requests power reduction to 3.25kw; granted
<b>Charlotte Amalie</b>	<b>21</b>	<b>WZVI</b>	<b>From 43, 890 watts</b>
<b>Charlotte Amalie</b>	<b>36</b>	<b>WTJX-TV</b>	<b>From 44, 42.9kw; granted</b>
<b>Virginia</b>			
Abingdon	23	WAPW-CD	From 21
<b>Ashland</b>	<b>8</b>	<b>WUPV</b>	<b>From 47, 7.8kw; amendment from 30kw; granted</b>
Bristol	11	WOPI-CD	From 9; granted
Bristol	16	WAPK-CD	From 36, 9.4kw; granted
<b>Charlottesville</b>	<b>2</b>	<b>WVIR-TV</b>	<b>From 32, 5.47kw; granted</b>
<b>Charlottesville</b>	<b>26</b>	<b>WHTJ</b>	<b>From 47, 155kw; granted</b>
Charlottesville	35	WAHU-CD	From 40, 14.9kw; granted
Chesapeake	27	WJGN-CD	From 38, 12kw; granted
<b>Grundey</b>	<b>14</b>	<b>WLFG</b>	<b>From 49, 479kw</b>
<b>Hampton</b>	<b>11</b>	<b>WVEC</b>	<b>From 13, 346m; granted</b>
<b>Hampton</b>	<b>31</b>	<b>WHRO-TV</b>	<b>From 16, 358m</b>
Harrisonburg	36	WSVF-CD	From 43, 11.4kw
<b>Lynchburg</b>	<b>7</b>	<b>WSET-TV</b>	<b>From 13, 627m; granted</b>
Lynchburg	19	WLHG-CD	From 43, 9.07kw; granted
<b>Lynchburg</b>	<b>21</b>	<b>WWCW</b>	<b>From 20, 938kw/503m; granted</b>
<b>Manassas</b>	<b>35</b>	<b>WPXW-TV</b>	<b>From 34, 800kw/257m</b>
Norfolk	14	WNLO-CD	From 45, 7.72kw
<b>Norfolk</b>	<b>16</b>	<b>WTKR</b>	<b>From 40, 565kw/375m</b>
<b>Norfolk</b>	<b>32</b>	<b>WPXV-TV</b>	<b>From 46, 395kw/376m; granted</b>
<b>Petersburg</b>	<b>28</b>	<b>WRIC-TV</b>	<b>From 22, 851kw/346m; granted</b>
<b>Portsmouth</b>	<b>19</b>	<b>WAVY-TV</b>	<b>From 31, 700kw/286m; granted</b>
<b>Portsmouth</b>	<b>20</b>	<b>WGNT</b>	<b>From 50, 50kw/375m</b>
<b>Richmond</b>	<b>10</b>	<b>WWBT</b>	<b>From 12, 29kw/237m; granted</b>
<b>Richmond</b>	<b>22</b>	<b>WCVF-TV</b>	<b>From 42, 150kw/327m; granted</b>
<b>Richmond</b>	<b>24</b>	<b>WRLH-TV</b>	<b>Granted channel change from 26, 765kw</b>
<b>Richmond</b>	<b>29</b>	<b>WCVW</b>	<b>From 44, 93kw/327m; granted</b>
<b>Roanoke</b>	<b>27</b>	<b>WPXR-TV</b>	<b>From 36, 345kw/622m</b>
<b>Roanoke</b>	<b>30</b>	<b>WDBJ</b>	<b>From 18, 990kw/604m; granted</b>
<b>Roanoke</b>	<b>34</b>	<b>WSLS-TV</b>	<b>From 30, 930kw/609m; granted</b>
<b>Roanoke</b>	<b>36</b>	<b>WFXR</b>	<b>From 17, 923kw/614m; granted</b>
<b>Staunton</b>	<b>12</b>	<b>WVPT</b>	<b>From 11. 3-site DTS with no changes except channel.</b>
<b>Virginia Beach</b>	<b>21</b>	<b>WVBT</b>	<b>From 29, 295kw/304m; granted</b>
Woodstock	26	WAZW-CD	From 46, 10.1kw; granted; city from Winchester
Woodstock	30	WAZT-CD	From 45, 3.58kw; granted
Yorktown	36	WYSJ-CA	From 19, 6.65kw

**Washington**

<b>Bellevue</b>	<b>24</b>	<b>KUNS-TV</b>	<b>From 50, 565kw/237m; granted</b>
<b>Bellingham</b>	<b>14</b>	<b>KVOS-TV</b>	<b>From 35, 362kw</b>
Clarkston	17	KVBI-CD	From 42, 1.54kw
<i>Ellensburg</i>	27	<i>K39DM</i>	<i>From 44, 13.3kw</i>
<b>Kennewick</b>	<b>27</b>	<b>KVEW</b>	<b>From 44, 114kw/405m; granted</b>
Moses Lake	34	K39DL	From 39, 15kw
<b>Richland</b>	<b>22</b>	<b>KTNW</b>	<b>From 38, 32.4kw/367m; granted</b>
<b>Seattle</b>	<b>16</b>	<b>KFFV</b>	<b>From 44, 48kw/259m</b>
<b>Seattle</b>	<b>23</b>	<b>KIRO-TV</b>	<b>From 39, 715kw; granted</b>
<b>Seattle</b>	<b>25</b>	<b>KING-TV</b>	<b>From 48, 608kw</b>
<b>Seattle</b>	<b>30</b>	<b>KOMO-TV</b>	<b>From 38, 851kw; granted</b>
<b>Seattle</b>	<b>36</b>	<b>KZJO</b>	<b>From 25, 287m; granted</b>
Sunnyside	8	KWCZ-LD	Call changed from K08LU
<b>Tacoma</b>	<b>21</b>	<b>KTBW-TV</b>	<b>From 14, 107kw</b>
<b>Tacoma</b>	<b>34</b>	<b>KWDK</b>	<b>Granted channel change from 42, 123kw</b>
Yakima	22	K51JG	From 51, 15kw

**West Virginia**

<b>Bluefield</b>	<b>17</b>	<b>WVVA</b>	<b>From 46, 545kw/370m; granted</b>
<b>Bluefield</b>	<b>25</b>	<b>WLFB</b>	<b>From 40, 734kw; granted</b>
<b>Charleston</b>	<b>18</b>	<b>WLPX-TV</b>	<b>From 39, 570kw/352m; granted</b>
<b>Charleston</b>	<b>24</b>	<b>WVAH-TV</b>	<b>From 19, 533kw; granted</b>
<b>Charleston</b>	<b>29</b>	<b>WCHS-TV</b>	<b>From 41, 373kw; granted</b>
<b>Clarksburg</b>	<b>13</b>	<b>WVFX</b>	<b>From 10, 32.5kw/236m; granted</b>
<b>Grandview</b>	<b>8</b>	<b>WSWP-TV</b>	<b>From 10, 28kw/293m; granted</b>
Hinton	16	WZTS-LD	Site changed to 37-55-40/80-58-11; city from Summersville
<b>Huntington</b>	<b>10</b>	<b>WOWK-TV</b>	<b>From 13, 13kw/412m; granted</b>
<b>Huntington</b>	<b>20</b>	<b>WVPB-TV</b>	<b>From 34, 62kw/358m; granted</b>
<b>Huntington</b>	<b>22</b>	<b>WSAZ-TV</b>	<b>From 23, 640kw/386m; granted</b>
<b>Lewisburg</b>	<b>11</b>	<b>WVNS-TV</b>	<b>From 8, 4kw/566m</b>
<b>Martinsburg</b>	<b>13</b>	<b>WVPX-TV</b>	<b>From 12; granted</b>
<b>Morgantown</b>	<b>34</b>	<b>WNPB-TV</b>	<b>From 33, 180kw/450m; granted</b>
<b>Oak Hill</b>	<b>31</b>	<b>WOAY-TV</b>	<b>From 50, 320kw/210m; granted</b>
<b>Parkersburg</b>	<b>35</b>	<b>WTAP-TV</b>	<b>From 49, 270kw/201m; granted</b>

**Wisconsin**

<b>Antigo</b>	<b>19</b>	<b>WTPX-TV</b>	<b>From 46, 24.5kw; granted</b>
<b>Appleton</b>	<b>36</b>	<b>WACY-TV</b>	<b>From 27, 65kw; granted</b>
<b>Chippewa Falls</b>	<b>14</b>	<b>WEUX</b>	<b>From 49, 525kw/226m; granted</b>
<b>Crandon</b>	<b>13</b>	<b>WMOW</b>	<b>From 12; granted</b>
<b>Eau Claire</b>	<b>17</b>	<b>WEAU</b>	<b>From 38, 700kw; granted</b>
<b>Eau Claire</b>	<b>25</b>	<b>WQOW</b>	<b>From 15, 253kw; granted</b>
<b>Green Bay</b>	<b>12</b>	<b>WLUK-TV</b>	<b>From 11; granted</b>
<b>Green Bay</b>	<b>14</b>	<b>WGBA-TV</b>	<b>From 41, 175kw/365m; granted</b>
<b>Green Bay</b>	<b>22</b>	<b>WFRV-TV</b>	<b>From 39, 775kw; granted</b>
<b>Janesville</b>	<b>21</b>	<b>WIFS</b>	<b>From 32, 157kw; granted</b>
<b>Kenosha</b>	<b>30</b>	<b>WPXE-TV</b>	<b>From 40, 750kw/316m; granted</b>
<b>Kenosha</b>	<b>40</b>	<b>WPXE-TV</b>	<b>Granted new auxiliary backup transmitter, 24.5kw/279m</b>
<b>La Crosse</b>	<b>28</b>	<b>WXOW</b>	<b>From 48, 251kw; granted</b>
<b>La Crosse</b>	<b>33</b>	<b>WLAX</b>	<b>From 17, 1000kw/295m; granted</b>
<b>Madison</b>	<b>11</b>	<b>WISC-TV</b>	<b>From 50, 10.2kw/469m; granted</b>
<b>Madison</b>	<b>18</b>	<b>WMSN-TV</b>	<b>From 49, 164kw; granted</b>
<b>Mayville</b>	<b>34</b>	<b>WWRS-TV</b>	<b>From 43, 504kw; granted</b>
Milwaukee	17	WBME-CD	From 24, 12.7kw
<b>Milwaukee</b>	<b>27</b>	<b>WVTI</b>	<b>From 18, 475kw/356m; granted</b>

<b>Milwaukee</b>	<b>29</b>	<b>WDJT-TV</b>	<b>From 46, 717kw/336m</b>
<b>Milwaukee</b>	<b>32</b>	<b>WTMJ-TV</b>	<b>From 28, 650kw/305m</b>
Milwaukee	36	WMKE-CD	From 21
Sturgeon Bay	19	WLWK-CD	From 22, 4.1kw; granted
<b>Suring</b>	<b>15</b>	<b>WCWF</b>	<b>From 21, 692kw</b>

A preliminary estimate of the cost of the repack has been released. As broadcasters feared, it exceeds the FCC's statutory authority to reimburse. The law establishing the repack provided \$1.75 billion to compensate broadcasters for their costs in being forcibly moved to new channels.

Stations were required, by July 12<sup>th</sup>, to file their estimated expenses for moving. Those expenses totaled \$2.12 billion. This is not a final figure – some stations had not yet reported their estimates, and the numbers have not yet been audited. The Commission has indicated it will go to Congress and ask for enough money to fully reimburse stations. Legislation has been introduced to accomplish this. Will it pass? Who knows...

Official channel sharing information is now appearing. Channel sharing data you see in this month's column, and in future columns, *does* come from that official source. (the FCC LMS database) So far only eighteen sharing pairs have shown up. Some pairs that have received considerable advance publicity have not yet been filed. (WNBC/WNJU, for one)

Trip Erickson reminds me that stations surrendering their channels under a channel sharing agreement are required to do so *before* the repacking proceeds. This means we will see these stations begin operating on their host's *existing* channels in the next few months. Where these host stations are being repacked, their sharing clients will move with them when the repack reaches the host's phase.

This explains why, for example, you see KBEH Oxnard, California sharing with KWHY Los Angeles on channel 42, a channel that will cease to exist after repacking. KBEH merges its signal with KWHY first; only later does the pair move their transmission to their new channel 4.

Potentially confusing situations have come up in Rockford, Illinois and Augusta, Georgia. In both cities, Gray Television has sold the spectrum of full-power stations in the spectrum auction – and then replaced the full-power stations with LPTVs using nearly identical facilities.

In Rockford, WIFR (licensed to Freeport, virtual channel 23) sold its physical channel 41 assignment and went dark. Gray bought LPTV station W22EE, Rochelle; moved it to Rockford; obtained a permit to switch the station to channel 41; and changed the call letters to WIFR-LD. At least, that's what happened from a regulatory standpoint. What probably happened from an engineering standpoint is.. that Gray reduced power on the WIFR transmitter from 100 kilowatts ERP to 15, then took the old WIFR license off the wall & replaced it with the new WIFR-LD license.

The situation in Augusta is similar. WAGT, virtual channel 26, sold its physical channel 30. It was replaced with LPTV station WBK. WBK moved from physical channel 16 to physical channel 30; moved to the WAGT tower; and changed call letters to WAGT-CD. In practice, most likely the power of the WAGT transmitter was reduced from 400kw to 15 & the licenses swapped.

This allows Gray to collect a share of the auction proceeds without immediately shutting down the stations. If they can find a new channel below 37 for WIFR, they can continue to operate a station in Rockford indefinitely. (this may be a challenge, given the proximity of Rockford to Chicago, Milwaukee, and Madison) The Augusta station holds a Class A license and is thus *guaranteed* a permanent channel after repacking.

## ***TV News Special: The Repack – Stations going dark***

In July, the FCC released DA-17-702. This is a list of stations which will be voluntarily leaving their current channels as a result of the repack.

The list can be divided into three categories:

- **Off-air stations.**
- **Channel Sharing stations.**
- **Band Changing stations.**

Channel Sharing stations can be further divided between those which have already filed channel sharing agreements, and those which have not.

### **Off-air stations:**

There are eleven stations leaving the air entirely. Two have already done so. The other nine have until October 25<sup>th</sup>.

### **Channel Sharing stations:**

132 stations will be leaving their current channels but have expressed interest in entering a channel sharing agreement with some other station(s). These stations must file their agreements with the FCC by late November, and go dark on their current channels by January 23, 2018.

I'm not 100% sure what happens with stations that are not able to reach an agreement by November. I know they'll need to go dark on their current channels on January 23<sup>rd</sup>. I'm not sure that their licenses will be immediately canceled. It is possible they can continue to seek an agreement and may return to the air if they succeed in doing so. I'm pretty confident Section 312(g) of the Communications Act will apply here – if a channel sharing station is not able to negotiate an agreement and return to the air by January 23, 2019, its license will be canceled. (that's not official but it seems probable.)

As of late July, only 18 channel sharing agreements have been filed. All of the agreements filed to date have involved two stations. (it is technically feasible to involve more than two stations in a channel sharing arrangement, and the rules allow for an agreement between more than two stations.) This means an additional 113 stations are at risk of going dark next January.

Some channel sharing arrangements which have been the subject of significant publicity have not (yet?) been filed. The widely-rumored WNBC/WNJU and WLVI/WHDH agreements are not yet on file. A quick glance at the list shows at least three more stations which I very much expect will enter sharing agreements. I have listed other commonly-controlled stations in the same markets as channel-sharing stations which have not yet announced agreements. There's no guarantee a station will share with a co-owned station but that's the first place to look.

One station which indicated interest in channel sharing has instead already surrendered its license and gone dark. (WIFR Freeport, Illinois)

### **Band Changing stations:**

Thirty stations will remain on the air but will be moving to a lower frequency band. 13 stations are moving from UHF to high-VHF. 16 are going from UHF to low-VHF. One station (WQED Pittsburgh) is moving from high-VHF to low-VHF.



The dates for these moves vary. These changes must be coordinated with other stations' moves within the same band. The earliest move is November 30, 2018; the last July 3, 2020.

**The lists:**

(sorted in order by call letters for off-air and channel-sharing stations; by destination channel and call letters for band-changing stations.)

*Off-air stations:*

KATA-CD	50	Mesquite, Tex.	
WAGT	30	Augusta, Ga.	Already off
WAOH-CD	29	Akron, Ohio	
WBKI-TV	19	Campbellsville, Ky.	
WDLP-CD	21	Pompano Beach, Fla.	Already off
WFXI	8	Morehead City, N.C.	
WMEI	14	Arecibo, P.R.	
WNYJ-TV	29	West Milford, N.J.	
WPBO	43	Portsmouth, Ohio	
WSJU-TV	31	San Juan, P.R.	
WWJS-CD	15	Clarksville, Ind.	

*Channel Sharing stations:*

KBEH	42	GARDEN GROVE, CA	To ch. 4 w/KWHY-TV Los Angeles
KNET-CD	50	LOS ANGELES, CA	To ch. 32 w/KNLA-CD Los Angeles
KTNC-TV	14	CONCORD, CA	To ch. 32 w/KCNS San Francisco
WBIN-TV	27	DERRY, NH	To ch. 27 w/WUTF-DT Marlborough, Mass.
WCWG	31	LEXINGTON, NC	To ch. 16 w/WXII-TV Winston-Salem
WGSJ-CD	11	MURRELLS INLET, SC	To ch. 8 w/WGSC-CD Murrells Inlet
WGTW-TV	36	BURLINGTON, NJ	To ch. 36 w/WMGJ-TV Wildwood
WIRS	17	YAUCO, PR	To ch. 17 w/WVEO Aguadilla
WJAL	39	HAGERSTOWN, MD	To ch. 9 w/WUSA Washington
WKPV	47	PONCE, PR	To ch. 36 w/WVOZ-TV Ponce
WMCN-TV	44	ATLANTIC CITY, NJ	To ch. 22 w/WPHY-CD Trenton
WMDO-CD	22	WASHINGTON, DC	To ch. 44 w/WIAV-CD Washington
WTBY-TV	22	POUGHKEEPSIE, NY	To ch. 22 w/WDVB-CD Edison, N.J.
WUVP-DT	29	VINELAND, NJ	To ch. 17 w/WPHL-TV Philadelphia
WWTO-TV	10	LA SALLE, IL	To ch. 30 w/WLPD-CD Plano
WWTV	34	SENATOBIA, MS	To ch. 23 w/WTWV Memphis
WXFT-DT	44	AURORA, IL	To ch. 22 w/WLS-TV Chicago
WXTV-DT	30	PATERSON, NJ	To ch. 26 w/WFUT-DT Newark
DWIFR	41	FREEPORT, IL	Already off
K35DG-D	35	LA JOLLA, CA	
KAZA-TV	47	AVALON, CA	
KCCO-TV	7	ALEXANDRIA, MN	
KCEB	26	LONGVIEW, TX	
KEMO-TV	32	SANTA ROSA, CA	
KEXT-CD	20	SAN JOSE, CA	
KILM	44	BARSTOW, CA	

KJLA	49	VENTURA, CA	Co-owned w/KVMD & KXLA
KLCS	41	LOS ANGELES, CA	
KMMA-CD	41	SAN LUIS OBISPO, CA	
KMTP-TV	33	SAN FRANCISCO, CA	
KOCE-TV	50	HUNTINGTON BEACH, CA	
KOFY-TV	19	SAN FRANCISCO, CA	
KQEH	50	SAN JOSE, CA	Co-owned w/KQED & KQET
KRCA	35	RIVERSIDE, CA	
KSEX-CD	42	SAN DIEGO, CA	
KSFV-CD	22	LOS ANGELES, CA	Co-owned w/ KVHD-LD & KHTV-CD
KSMS-TV	31	MONTEREY, CA	Co-owned w/ KCBA & KDJT-CD
KTLN-TV	47	NOVATO, CA	Co-owned w/ KAXT-CD
KTSF	27	SAN FRANCISCO, CA	
WAGV	51	HARLAN, KY	
WAPG-CD	18	GREENEVILLE, TN	Co-owned w/ WKPT-TV
WAZF-CD	20	FRONT ROYAL, VA	
WAZH-CD	14	HARRISONBURG, VA	
WBDT	26	SPRINGFIELD, OH	Co-owned w/ WDTN
WBOA-CD	29	PITTSBURGH, PA	
WCDC-TV	36	ADAMS, MA	Co-owned w/ WXXA-TV
WCGV-TV	25	MILWAUKEE, WI	Co-owned w/ WVTV
WCLJ-TV	42	BLOOMINGTON, IN	
WCMZ-TV	28	FLINT, MI	
WCTX	39	NEW HAVEN, CT	Co-owned w/ WTNH
WDCA	35	WASHINGTON, DC	Co-owned w/ WTTG
WDCW	50	WASHINGTON, DC	
WDLI-TV	49	CANTON, OH	
WDPX-TV	40	VINEYARD HAVEN, MA	
WDWL	30	BAYAMON, PR	
WEBR-CD	49	MANHATTAN, NY	
WEDY	41	NEW HAVEN, CT	
WELU	34	AGUADILLA, PR	Co-owned w/ WSJN-CD & WQSJ-CD
WEMW-CD	19	GREENSBURG, PA	
WEPA-CD	16	PITTSBURGH, PA	
WFFP-TV	24	DANVILLE, VA	
WFMZ-TV	46	ALLENTOWN, PA	
WFPX-TV	62	FAYETTEVILLE, NC	
WFXZ-CD	24	BOSTON, MA	
WGCB-TV	30	RED LION, PA	
WHTV	34	JACKSON, MI	
WIMP-CD	25	MIAMI, FL	
WIVB-TV	39	BUFFALO, NY	Co-owned w/ WNLO
WKBN-TV	41	YOUNGSTOWN, OH	Co-owned w/ WYTV
WKOI-TV	39	RICHMOND, IN	
WLNS-TV	36	LANSING, MI	Co-owned w/ WLAJ
WLPH-CD	44	MIAMI, FL	
WLVI	41	CAMBRIDGE, MA	Co-owned w/ WHDH
WLVT-TV	39	ALLENTOWN, PA	
WLWC	22	NEW BEDFORD, MA	

WLXI	43	GREENSBORO, NC	
WMBQ-CD	46	NEW YORK, NY	
WMFP	18	LAWRENCE, MA	
WMLW-TV	48	RACINE, WI	Co-owned w/ WDJT-TV & WBME-CD
WMSY-TV	52	MARION, VA	
WMUN-CD	45	NEW YORK, NY	Co-owned w/ WNMF-LD
WMVT	35	MILWAUKEE, WI	Co-owned w/ WMVS
WMYT-TV	39	ROCK HILL, SC	Co-owned w/ WJZY
WNBC	28	NEW YORK, NY	Co-owned w/ WNJU
WNDY-TV	32	MARION, IN	Co-owned w/ WISH-TV&WIIH-CD
WNJN	51	MONTCLAIR, NJ	Co-owned w/ WNET &WLIW
WNJT	43	TRENTON, NJ	Co-owned w/ WNET &WLIW
WNNB-CD	30	BEAVER, PA	
WNNE	25	HARTFORD, VT	
WNVC	24	FAIRFAX, VA	
WNVT	30	GOLDVEIN, VA	
WOCH-CD	49	CHICAGO, IL	
WOTH-CD	20	CINCINNATI, OH	
WPCP-CD	27	NEW CASTLE, PA	
WPMT	43	YORK, PA	
WPWR-TV	51	GARY, IN	Co-owned w/ WFLD
WQVC-CD	46	GREENSBURG, PA	
WRAY-TV	42	WILSON, NC	
WRDM-CD	19	HARTFORD, CT	
WRET-TV	43	SPARTANBURG, SC	
WRIW-CD	36	PROVIDENCE, RI	
WRLM	47	CANTON, OH	
WRNN-TV	48	KINGSTON, NY	
WSBN-TV	32	NORTON, VA	
WSFJ-TV	24	NEWARK, OH	
WSNS-TV	45	CHICAGO, IL	Co-owned w/ WMAQ-TV
WTBL-CD	49	LENOIR, NC	
WTCV	32	SAN JUAN, PR	
WTGL	46	LEESBURG, FL	
WTSD-CD	23	PHILADELPHIA, PA	
WTTA	32	ST. PETERSBURG, FL	Co-owned w/ WFLA-TV
WTVE	25	READING, PA	Co-owned w/ WPHY-CD
WUAB	43	LORAIN, OH	Co-owned w/ WOIO
WUSF-TV	16	TAMPA, FL	
WUTB	41	BALTIMORE, MD	Co-owned w/ WBFF & WNUV
WUVN	46	HARTFORD, CT	Co-owned w/ WUTH-CD
WVCY-TV	22	MILWAUKEE, WI	
WVIA-TV	51	SCRANTON, PA	
WVPY	21	FRONT ROYAL, VA	
WVTA	41	WINDSOR, VT	
WVTX-CD	28	BRIDGEPORT, OH	
WWSI	49	ATLANTIC CITY, NJ	Co-owned w/ WCAU
WXBU	23	LANCASTER, PA	
WXEL-TV	42	WEST PALM BEACH, FL	

WYBE	35	PHILADELPHIA, PA	
WYCC	20	CHICAGO, IL	
WYCN-CD	36	NASHUA, NH	Co-owned w/ WBIN-TV
WYCW	45	ASHEVILLE, NC	Co-owned w/ WSPA-TV
WYDN	47	WORCESTER, MA	
WZDC-CD	25	WASHINGTON, DC	
WZGS-CD	44	RALEIGH, NC	
WZME	42	BRIDGEPORT, CT	

*Band Changing stations:*

WGGG-TV	16	Greenville, SC	To ch. 2
WHDF	14	Florence, AL	To ch. 2
WQED	13	Pittsburgh, PA	To ch. 2
WSBE-TV	21	Providence, RI	To ch. 2
WTLW	44	Lima, OH	To ch. 2
WVIR-TV	32	Charlottesville, VA	To ch. 2
WGGN-TV	42	Sandusky, OH	To ch. 3
KWHY-TV	42	Los Angeles, CA	To ch. 4
WNGH-TV	33	Chatsworth, GA	To ch. 4
KRCB	23	Cotati, CA	To ch. 5
KVCR-DT	26	San Bernardino, CA	To ch. 5
WGBH-TV	19	Boston, MA	To ch. 5
WJSP-TV	23	Columbus, GA	To ch. 5
WNYB	26	Jamestown, NY	To ch. 5
WTNB-CD	27	Cleveland, TN	To ch. 5
WKBS-TV	46	Altoona, PA	To ch. 6
WOUC-TV	35	Cambridge, OH	To ch. 6
KRON-TV	38	San Francisco, CA	To ch. 7
WACX	40	Leesburg, FL	To ch. 7
WFGC	49	Palm Beach, FL	To ch. 7
WHFL-CD	43	Goldsboro, NC	To ch. 7
WHMB-TV	20	Indianapolis, IN	To ch. 7
WNCN	17	Goldsboro, NC	To ch. 8
WUPV	47	Ashland, VA	To ch. 8
WISC-TV	50	Madison, WI	To ch. 11
WVTT-CD	34	Olean, NY	To ch. 11
KDOC-TV	32	Anaheim, CA	To ch. 12
WGBY-TV	22	Springfield, MA	To ch. 13
WNYI	20	Ithaca, NY	To ch. 13
WTSF	44	Ashland, KY	To ch. 13

No stations are going to channels 9 or 10.

# FM Facilities Report

This information is reprinted from Doug Smith's FM News Information posted in the WTFDA Forums <http://forums.wtfda.org>. The WTFDA FM Database is also updated with this information.

## Abbreviations:

AF- New Station Applied For  
 Aux- Auxiliary Backup Transmitter  
 CC- Call Change  
 CL-City of License  
 CX-Canceled

NS-New Station Permit Granted  
 NW-New Station on the Air  
 PC-Power/Height Change Granted  
 PG-Power Change Granted  
 QG-Frequency Change Granted

RA>Returns to the Air  
 ROA-Request of Applicant  
 XG-new site granted  
 XC-transmitter site changed  
 PR/QR-Power or Freq requested

## AUGUST 2017 (changes during July)

ALAB Anniston	94.9	W236CQ	QR from 95.1, 250w; relays WDNG 1450
ALAB Birmingham	94.9	W235BS	PG>99w
ALAB Butler	93.5	WCLR	CC from WMLG
ALAB Mobile	104.5	KMOW-LP	CC for NS
ALAB Pelham	93.3	WPLX-LP	NW 29m, 33-17-33/86-46-44 (North Shelby Community Radio)
ALAB Sheffield	92.3	WSHF-LP	PC<-10m, 34-41-58/87-45-15
ALAB Tarrant	98.3	W252BE	PG>250w
ALAS Chignik	94.3	K232FQ	QG from K220CL-91.9, 380w, 59-03-56/160-25-16
ALAS Nikolai	89.5	KNIB	CC for NS
ARIZ Chilean Mill	105.3	K287BZ	QG from K232FP-94.3, 99w, 34-41-15/112-07-01
ARIZ Doney Park	98.9	KZXX	PC>560w
ARIZ Globe	99.1	K256DB	PR>250w, 33-14-50/111-31-49; to relay KBSZ 1260
ARIZ Huachuca City	103.1	K276GI	PG>250w, 31-38-06/110-19-57
ARIZ Kingman	97.1	K246CO	PR>99w
ARIZ Kingman	97.1	K246CO	PG>99w
ARIZ Mesa	99.1	KFXV-LP	PC<7m, 33-26-22/111-36-24
ARIZ Phoenix	107.5	K298CK	PG>250w
ARIZ San Xavier	102.5	KWAK-LP	NW 90cm, 32-05-53/111-01-35 (Tohono O'odham Nation)
ARIZ Vail	104.5	KXZK	QG from 103.7, 299w/14m, 32-00-58/110-41-45
ARIZ Wickenburg	91.1	K270BA	QC from 101.9, 250w
ARKA Bentonville	95.3	K237GR	PG>250w, 36-23-37/94-10-53; CL from Johnson
ARKA Clarksville	96.7	K244FP	QG form K246BY-97.1, 35-28-13/93-27-53; CL from Russellville; relays KXIO 106.9
ARKA Fort Smith	88.9	KAOW	PG>2.95kw/149m, 35-26-51/94-21-53
ARKA Little Rock	98.1	KINC-LP	QR from 97.9, 100w/20cm, 34-46-03/92-16-02
ARKA Van Buren	101.1	K266BS	XR 35-21-15/94-25-53
CALI Adelanto	101.5	KDEF-LP	CC from KPTG-LP
CALI Adelanto	107.1	KPTG-LP	CC for NS
CALI Beaumont	99.1	K256CX	NW 200w, 34-06-50/117-59-50; relays KDIS 1110
CALI Blythe	101.5	K286DD	PG 24w, 34-00-25/118-21-55
CALI Coachella	95.1	KWXZ-LP	CC for NS
CALI Crescent City	89.5	K208GB	QG from K204CL-88.7; relays KLOV 89.3
CALI Crescent City	89.5	K204CL	QC from 88.7
CALI Culver City	107.9	K252FK	QR from 98.3, 250w dismissed
CALI Halloran Springs	100.9	K265FG	PG>250w, 36-02-05/115-21-24
CALI Halloran Springs	100.9	K265FG	PR<2w, 36-06-46/115-19-49; PC>250w, 36-02-05/115-21-24
CALI Happy Camp	91.5	K216EC	QC from 91.1
CALI Hollister	89.1	K206BQ	PC<150w, 36-45-22/121-30-06
CALI Holtville	100.1	KGBA-FM	XC 32-48-43/115-29-49
CALI Lake Isabella	93.3	K227DD	QG from K239AZ-95.7
CALI Lancaster	107.1	K296GX	NW 100w, 34-44-41/118-07-30; relays KOSS 1380
CALI Los Alamos	106.3	K292HD	NW 125w, 34-41-28/120-15-58
CALI Los Angeles	99.1	KFEP-LP	PR<100w/-10m, 34-05-21/118-20-14
CALI Los Angeles	99.1	KZUT-LP	PG 3w/190m, 34-07-32/118-22-11; NW (Machine Project)

CALI Los Angeles	101.5	KQBH-LP	CC for NS
CALI Los Molinos	98.9	KTEH-LP	XR 40-04-01/122-05-56
CALI McCloud	91.9	KLDD	PR>3kw/476m, 41-13-19/122-18-27
CALI Montecito	92.9	KJEE	PG 950w/251m
CALI Nipomo	107.9	KTGY-LP	PG>17m, 35-01-40/120-33-04
CALI Petaluma	103.3	KPCA-LP	NW -61m, 38-16-04/122-38-01 (Petaluma Community Access)
CALI Riverside	102.3	K272FQ	PC>50w
CALI Sacramento	103.1	KDLZ-LP	PG 100w/18m, 38-31-56/121-31-46; CC for NS
CALI Salinas	103.1	KIPW-LP	PR>46m, 36-39-42/121-37-46
CALI Salinas	103.1	KIPW-LP	PG<-87m, 36-39-42/121-37-46
CALI San Jose	92.7	KCXU-LP	NW -142m, 37-22-00/121-51-36 (Center for Careers and Training)
CALI Santa Barbara	99.5	KVRY-LP	NW -183m, 34-25-05/119-40-59 (CSN)
CALI Santa Rosa	99.1	K256DA	PC<175w
CALI Sebastopol	93.7	KJZY	NW 60w/54m (aux)
CALI South Fresno	99.7	K259CF	PG>125w, 36-45-02/119-47-56
CALI Turlock	100.5	KEFC-LP	PG<30m
CALI Turlock	107.5	KVHH-LP	QG from 99.3, 27m, 37-30-41/120-50-18; CL from Denair
CALI Turlock	100.5	KEFC-LP	PC 30m
CALI Turlock	107.3	KVHH-LP	QR from 99.3, 37-30-41/120-50-18; CL from Denair
CALI Ukiah	107.5	K298CP	QG from K244AH-96.7
CALI Walltown	100.1	K261EF	PG<1w, 38-35-05/121-15-21
CALI Walltown	100.1	K261EF	NW 1w, 38-35-05/121-15-21
CALI Wasco	94.7	KWVP-LP	QC from 92.7, 20m, 35-35-12/119-19-17
CALI Yankee Hill	90.7	K214EE	PG<4w, 39-39-04/121-27-43
COLO Alamosa	105.3	K233DJ	QR from 94.5
COLO Aurora	93.9	KETO-LP	PG 30m
COLO Blanca	100.3	KSBK	QG from 98.3
COLO Burlington	88.1	K201FK	PG<205w, 39-17-41/102-15-37
COLO Cedar Cove	89.1	K204GN	QG from 88.7, 12w
COLO Del Norte	104.1	K278AY	QR from 103.5
COLO Del Norte	104.1	K281CU	QG from K278AY-103.5
COLO Denver	98.9	K255BL	CX, off over a year
COLO Evergreen	96.5	KXPK	PG<526m, 39-40-33/105-29-07; PC
COLO Falcon	103.3	KHYR-LP	XR 38-47-30/104-46-23
COLO Fort Collins	104.5	K268BX	QC from 101.5, 80w, 40-32-47/105-11-53; CL from Cheyenne, Wyo.; relays KJMP 870
COLO Fort Collins	90.9	K215FM	NW 150w, 40-32-47/105-11-53
COLO Grand Junction	92.7	K257FH	QR from 99.3, 250w, 39-07-35/108-38-12
COLO Montrose	96.1	KSTR-FM	PG>823w/-62m (aux); PC
COLO Placerville	90.7	KLMQ	PG>250w/449m
COLO Rifle	90.9	KRIX	PG<600w/-112m, 39-30-58/107-56-15
COLO Woodland Park	89.5	KWCC-FM	CC from KILE-FM
CONN Bloomfield	98.7	WGZO-LP	PG 30m, 41-50-38/72-39-52
CONN Naugatuck	92.1	W221CQ	PR>125w, 41-29-45/73-02-35; relays WMRQ-FM 104.1
CONN Westport	102.5	W273CN	PG>250w, 41-11-45/73-16-43; relays WPKN 89.5
FLOR Bartow	99.9	W280FE	QC from 103.9
FLOR Bradenton	97.1	W246CY	PG>250w
FLOR Bradenton	97.1	W246CY	PC>250w
FLOR Daytona Bch Shrs	99.5	WLOV-FM	PC>5.7kw/102m
FLOR Hollywood	96.1	WZPP-LP	QR from 103.9, 51w/42m
FLOR Jacksonville	104.1	NEW-lpfm	CX ROA (North Jacksonville Community Radio)
FLOR Lynn Haven	104.3	WGSX	CC from WBYW
FLOR North Miami	92.7	WKHE-LP	NW 54m, 25-53-36/80-10-56 (Actions for Better Future)
FLOR San Carlos Park	98.5	WFFY	CC from WLVO
FLOR St. Petersburg	100.1	NEW-lpfm	QR from 103.1, 19m
FLOR St. Petersburg	100.1	NEW-lpfm	QG from 103.1, 19m
FLOR Sugarloaf Key	105.7	WGAY	PG>22kw/109m, 24-40-36/81-30-39
FLOR Tallahassee	95.7	W239CG	PG>250w, 30-29-16/84-16-47
FLOR Weeki Wachee	102.9	WZEU-LP	PG 85m, 28-34-55/82-31-44
FLOR West Palm	91.5	W218CW	QG from W215CL-90.9, 160w, 26-42-26/80-03-06

FLOR West Palm Beach	104.1	W279DG	QR from 103.7, 250w, 26-44-59/80-07-57
FLOR White Springs	105.5	WJFU-LP	NW 48m, 30-21-51/82-47-12 (People Network)
GEOR Lilburn	92.5	W223CQ	QG from W221AZ-92.1
HAWA Kihei	95.5	K238BR	PG>130w, 20-42-33/156-15-49; relays KEWE 1240
HAWA Kihei	98.7	K254CS	XG 20-42-33/156-15-49
HAWA Paia	102.1	KQMY	NW 330w/1796m, 20-42-34/156-15-49
IDAH Boise	94.5	K233DE	QG from 92.7, 250w, 43-33-57/116-20-14; CL from Idaho Falls; relays KSPD 790
IDAH Soda Springs	100.1	KQJK	CC from KITT
ILLI Arlington Heights	88.3	WHCD	CC from WCLR
ILLI Arlington Heights	88.3	WHCD	CX ROA
ILLI Bloomington	92.5	W223CA	PC<38w, 40-29-21/89-00-23
ILLI Bolingbrook	95.1	W236CG	PG>85w, 41-44-25/88-00-30
ILLI Carlyle	91.9	W221DY	QC from 92.1
ILLI Highland Park	103.1	WVIX	CC from WVIV-FM
ILLI Jacksonville	90.3	W212AN	QG from W214AV-90.7, 39-39-58/90-15-30
ILLI Jacksonville	91.7	W219DV	QG from W218BA-91.5, 120w, 39-44-20/90-14-00
ILLI Lemont	93.5	WVIV-FM	CC from WVIX
ILLI Mendota	100.1	WGLC-FM	XR 41-32-08/89-06-26
ILLI Park Ridge	96.7	W244BQ	PR>99w; to relay WLEY-FM 107.9
ILLI Waukegan	103.3	W277CV	PG<120w, 42-51-20/87-50-41 CX ROA; moving to Milwaukee instead.
INDI Goshen	104.3	WLEG-LP	QR from 96.5, 18m, 41-34-00/85-47-22
INDI Goshen	104.3	WLEG-LP	QG from 96.5, 18m, 41-34-00/85-47-22
INDI Indianapolis	92.7	W224DI	NW 140w, 39-45-36/86-00-22; relays WTLC 1310; PR<100w; PG>140w
INDI Indianapolis	92.7	WEWP-LP	PG>30m, 39-42-57/86-10-14 rescinded
INDI Indianapolis	100.1	WSHT-LP	NW 11m, 39-49-56/86-09-45 (Sabbath Inc.)
INDI Ligonier	102.7	WAOR	PG>122m, 41-27-32/85-44-43
INDI New Castle	100.1	WHHC-LP	QC from 107.5, 30m
IOWA Bettendorf	97.9	K253BL	QC from 98.5, 140w, 41-36-13/90-26-04; CL from Bluegrass
KANS Ashland	94.7	K234AG	PC<205w, 37-12-49/99-48-29
KANS Burlingame	98.5	KSAJ-FM	PG<17.5kw/256m, 39-03-50/95-45-49; CL from Abilene
KANS Liberal	90.5	KLEC	CC from KYEH
KANS Overland Park	93.7	K229CY	XG 38-59-59/94-39-58
KANS Wichita	96.7	K244FL	NW 85w, 37-43-28/97-11-27; relays KPHN 1360
KANS Wichita	95.5	K238BD	XG 37-43-05/97-19-05; CL from Haysville
KENT Bowling Green	103.1	W274BQ	QR from 102.7, 25w, 36-57-37/86-32-49; relays WKLX 100.7
KENT Brownsville	100.7	WKLX	PR>16kw
LOUI Alexandria	93.9	KMXH	PG>7.3kw
LOUI Alexandria	93.9	KMXH	PC>7.3kw
LOUI Alexandria	100.9	K265FB	XG 31-16-57/92-26-25
LOUI Baton Rouge	102.1	KZLU-LP	CC for NS
LOUI Calhoun	93.5	KLXE	CC from KPDJ
LOUI Lake Charles	97.1	K281AU	QC from 104.1, 30-16-46/93-14-45; relays KITA 89.5
LOUI Marrero	93.7	KNOF-LP	CC for NS
LOUI New Orleans	97.5	K248BB	PG>250w; relays WFNO 830
LOUI New Orleans	97.9	K250BA	PG>250w, 29-57-07/90-04-13; CL from Slidell
LOUI Oak Grove	104.1	KLCJ	PC>6kw/94m, 30-00-11/93-05-05
LOUI Ville Platte	92.5	KVPI-FM	PG>25kw/62m
MAIN Brunswick	91.1	WBOR	XG 43-54-21/69-57-49
MAIN Oakland	88.9	WMDR-FM	PC>398m, 44-15-02/70-25-24
MAIN Sanford	102.3	W272CG	PR>210w
MAIN Sanford	102.3	W272CG	PG>210w; PC
MARY Baltimore	101.5	W268BA	PR>250w, 39-20-18/76-40-00; CL from Church Hill; relays WWIN 1400
MARY Cumberland	105.7	W289BR	PC<100w, 39-34-52/78-53-59; relays WFRB 560
MARY Eden	96.5	WCTG	req. CL from Chincoteague, Va.
MARY Frederick	94.3	W225AQ	QC from 92.9, 55w, 39-27-53/77-29-43; CL from Lock Haven, Penna.; relays WWFD 820
MASS Greenfield	92.3	W222CH	PG>99w, 42-32-01/72-35-32; PG
MASS Methuen	105.3	W287CW	QG from W237BF-95.3, 250w, 42-23-13/71-04-36; CL from Middlebury, Vt.; relays WCCM 1570
MASS Springfield	91.9	WAIC	PC 200w/22m

MASS Ware	97.5	W272AU	QG from 102.3, 30w, 42-08-30/72-20-55; CL from Hanover, N.H. rescinded ROA; going for 97.7 @ 200w instead
MICH Beaver Island	100.1	WVBI-LP	PR 39w/47m, 45-41-11/85-31-38
MICH Beaver Island	100.1	WVBI-LP	PG>47m, 45-41-11/85-31-38
MICH Big Rapids	107.7	W299BE	XG 43-39-50/85-28-55
MICH Dearborn	107.9	W300DI	NW 85w, 42-23-22/83-08-53; relays WDTW 1310
MICH Fort Gratiot Tshp.	97.3	W247CU	PR>150w
MICH Gulliver	102.5	WCMM	PG<60kw
MICH Gulliver	102.5	WCMM	PC<60kw
MICH South Haven	106.5	W293DB	QG from W221DL-92.1, 250w, 40-10-52/88-19-03
MICH Webberville	95.9	W240CG	PG>130w, 42-40-33/84-30-00; relays WITL-FM 100.7
MINN Alexandria	99.3	KXRZ	PC>12kw/82m, 45-52-47/95-18-35
MINN Hayfield	98.3	K252DM	QG from K253CH-98.5
MINN Minneapolis	97.5	W248CU	NW 250w, 44-56-45/93-05-31; relays KTIS 900
MINN Minneapolis	94.1	K235BP	QR from 94.9, 10w, 44-58-34/93-16-20; CL from Bemidji; to relay KSTP 1500 dismissed
MINN Shoreview	93.3	W227BF	PC<65w
MINN Shoreview	93.3	W227BF	PR<65w
MINN St. Charles	107.7	KDCZ	CC from KDZZ
MINN St. Paul	92.9	W225AP	PR>250w, 44-57-30/93-04-31; PG; PC
MINN Warroad	91.1	KOLJ-FM	QC from 91.7, 75kw/62m, 48-38-50/95-44-10
MISSI Biloxi	103.5	W278CE	PG>34w, 30-23-39/88-59-58
MISSO Cole Camp	104.1	K281CT	QG from K284AR-104.7
MISSO Kansas City	90.5	KLHW-LP	QG from 96.9, 19m, 39-01-08/94-24-24
MISSO Kansas City	94.5	NEW-lpfm	AF dismissed (South Kansas City Community Radio)
MISSO Kansas City	90.5	KLHW-LP	QC from 96.9, 20m, 39-01-08/94-24-24
MISSO Leadwood	107.1	KLMZ	PG>820w/215m, 37-47-55/90-33-44
MISSO Neosho	100.7	K264CS	NW 90w, 36-54-33/94-27-40; relays KBTN 1420
MISSO St. Joseph	88.9	K205FX	XG 39-44-04/94-47-23
MISSO Vandalia	94.5	K233DM	QG from 106.3, 99w, 39-00-56/94-30-24
MONT Billings	95.9	K259AN	QR from 99.7, 62w; QG
MONT Billings	95.9	K240ET	QG from K259AN-99.7, 62w; to relay KEBR 88.1
MONT Billings	101.5	KVRM-LP	QR form 104.1, 45-46-04/108-27-27
MONT Bozeman	88.1	KOFK-FM	PG>213m, 45-38-20/111-15-56
MONT Bozeman	88.1	KOFK-FM	NW 2w-H/500w-V/213m, 45-38-20/111-15-56; replaces LPFM
MONT Helena	94.9	K235BW	XG 46-46-07/112-01-21
MONT Helena	96.3	K242CX	QG from K244EH-96.7, 250w, 46-46-07/112-01-21; relays KIMO 107.3
MONT Helena	96.3	K244EH	QC from 96.7, 250w, 46-48-07/112-01-21
NEVA Fallon	89.7	KQNV	QG from 89.9, 500w/76m, 39-29-21/118-45-07
NEVA Henderson	98.9	K255CT	PG>250w, 36-20-02/114-58-27
NEVA Reno	89.5	KNCJ	PG>2.85kw
NEVA Reno	96.9	K245BV	XR 39-15-26/119-42-36; CL from Incline Village
NEVA Sparks	88.3	KYSA	PR<14kw/135m, 39-35-03/119-47-52
NEWH Northwood	94.7	WQNH-LP	NW 197m, 43-10-33/71-12-29 (NH Community Radio)
NEWJ Bridgeton	99.9	W260BW	PR>250w, 39-41-43/75-17-55; CL from Bridgeton
NEWJ Ewansville	107.9	W298CJ	QC from 107.5, 185w, 40-15-16/74-30-34; PR>200w, 40-19-06/74-14-44
NEWJ North Cape May	106.3	WJSE	PC 5.4kw/105m, 39-07-47/74-47-18; CL from Ocean City
NEWJ Villas	98.7	WCZT	PC<90m, 39-00-33/74-52-13; CL from Avalon
NEWJ Weehawken	91.9	W220EJ	NW 10w, 40-45-22/73-59-12 (NYC)
NEWL Bay Roberts	95.9	VOAR-1-FM	CX, replaced by 96.7 St. John's
NEWL St. John's	96.7	VOAR-FM	QG from 1210 AM, 100kw/157m, 47-32-03/52-49-23
NEWM Las Cruces	91.5	KRUX	PG>1.9kw/-42m, 32-16-59/106-44-50
NEWM Silver City	96.5	K243BH	PG>125w, 32-46-21/108-17-47
NEWM Springer	106.5	KNMR	NW 100kw/449m, 36-40-56/104-24-53 (LMNOC Broadcasting)
NEWM Truth or Consequences	91.1	KLCF	PR>1kw/824m, 32-58-04/107-13-37
NEWY Candor	101.3	W267BQ	PG<200w; CL from Richford
NEWY Elmira	102.9	W275AB	PG>250w, 42-07-51/76-47-26
NEWY Geneva	106.7	W240DO	QR from 106.7, 250w
NEWY Geneva	106.7	W294CC	QG from W240DO-95.9, 200w



NEWY Monroe	106.1	W291CQ	PG<10w, 41-22-42/74-08-16; relays WJZZ 88.1
NEWY New York	99.5	WBAI	AF 5.1kw/387m, 40-44-54/73-59-11 (aux)
NEWY Penn Yan	96.1	W260BE	QR from 99.9, 190w, 42-37-14/77-15-16; CL from Watertown
NEWY Penn Yan	96.1	W241CN	QG from W260BE-99.9, 190w, 42-37-14/77-15-16; CL from Watertown; relays WFLR 1570
NEWY Pomona	94.3	W232AL	PG<80w, 41-13-27/74-04-11 CX ROA; has permit for 55w at different site; XR 40-57-39/73-55-23
NEWY Pomona	94.3	W232AL	PG<55w, 40-57-39/73-55-23; relays WNSH 94.7
NEWY Port Jervis	107.7	W299BA	XG 41-22-22/74-47-29
NEWY Poughkeepsie	96.7	W244DK	PG<25w, 41-29-19/73-56-55; CL from Middletown; relays WPDH 101.5; PC
NEWY Poughkeepsie	97.3	W247CW	QG from W244DK-96.7, 75w; CL from Middletown
NEWY Poughkeepsie	106.3	W292CM	PR>250w; to relay WPDH 101.5
NEWY Poughkeepsie	97.3	W244DK	QC from 96.7, 75w; PR>250w, 41-43-18/73-59-37; CL from Middletown
NEWY Rhinebeck	102.5	WHVC	CC for NS
NEWY Syracuse	89.1	WJPZ-FM	PC>1kw
NEWY Watkins Glen	107.1	W234BD	QC from 94.7, 250w, 42-18-33/76-49-21; CL from Bolton, Vt.; relays WPIE 1160
NORTHC Lexington	106.1	W264DE	QR from 100.7, 36-10-32/80-09-24
NORTHC Statesville	100.7	W264CU	PR<99w, 35-35-43/80-50-31
NORTHC Valdese	96.5	W243DV	PG>250w, 35-43-22/81-36-28
NORTHC Williamston	97.5	W237BQ	QC from 95.3, 35-51-27/77-02-34; CL from Fairmont; relays WIAM 900
NORTHD Fargo	93.1	K261BA	QC from 100.1, 250w, 46-49-03/96-48-07; CL from Rolla; relays WDAY 970
NORTHD Mandan	100.5	K263AP	PC<205w, 46-26-43/100-29-57; QR to 100.3
NORTHD Williston	91.7	KNDW	PR>1.3kw/154m, 48-09-19/103-30-03
NORTHD Williston	90.1	K211FS	XR 48-09-19/103-30-03; to relay KHRI 90.7
OHIO Athens	90.1	W211BT	PR>38w, 39-18-40/82-07-11; to relay WUFM 88.7
OHIO Cumminsville	90.5	W217BI	QC from 91.3, 19w, 39-02-42/84-28-56
OHIO New Boston	104.1	WPAY-FM	CC from WNKE
OKLA Chackasha	90.5	KFXU	FC; sold to KHCB
OKLA Marlow	88.7	KFXH	FC; sold to KHCB
OKLA Oklahoma City	95.3	K237GE	PG>250w
OKLA Oklahoma City	89.5	K208CG	PG>250w
OKLA Stillwater	99.9	K260CV	XG 36-07-22/96-58-42
OKLA Sulphur	90.7	KFXT	FC; sold to KHCB
ONTA Blind River	98.5	CBON-FM-6	QG from AM, 136w/7m
ONTA Marathon	102.3	CBON-FM-29	PG>3.862kw/280m
ONTA Penetanguishene	89.7	CBCM-FM	PG>1.76kw/185m
ONTA Penetanguishene	96.5	CJBC-3-FM	PG>28.311kw/185m
ONTA Timmins	96.1	CBCJ-FM	PG<11kw/193m, 48-28-14/81-17-48
OREG Coburg	107.3	K297AJ	PC>135w
OREG Klamath Falls	99.9	K260AK	PG>140w, 42-08-44/121-46-15
OREG Madras	96.5	KSQI	CC from KDOI
OREG Redmond	96.1	K219KX	NW 250w, 44-51-18/123-07-15
OREG Salem	105.5	NEW-lpfm	PG<24m, 44-54-42/123-02-35
OREG Salem	101.5	KSXM-LP	CC for NS
OREG Seaside	102.3	KCRX-FM	PG<10.5kw/122m, 45-57-11/123-56-14
PENN Berwick	103.5	WMMZ	CC from WHLM-FM
PENN Bethlehem	98.5	W227DE	QR from 93.3, 50w; amendment from 250w
PENN Erie	106.3	WCTL	PG 860w/262m, 42-02-16/80-03-44; CL from Union City
PENN Halifax	88.5	WLVO	CC from WKHW
PENN Holland	95.3	W237DC	PR>250w
PENN Mehoopany	97.5	W248CJ	PG<10w
PENN Philadelphia	99.9	W260CZ	PG<50w
PENN Reading	106.3	W293CL	QC from 106.5, 40-21-16/75-53-57
PENN York	98.1	W251CE	PG>250w
PENN York	93.9	W253AC	QC form 98.5, 250w, 39-59-56/76-41-43; CL from Reading; relays WSBA 910
PUER Mayaguez	95.5	W238CR	PC>250w
QUEB Maniwaki	97.3	CHGA-FM	PG>16.9kw/205m
RHOD Newport	89.3	WXNI	PG>7kw/254m, 41-35-48/71-11-24; CL from North Dartmouth, Mass.; CC from WUMD
RHOD Newport	89.3	WXNI	CC from WUMD
SOUTHC Burton	93.7	WOEZ	CC from WALI

SOUTHC Columbia	100.7	W264DF	PG>250w
SOUTHC Conway	93.9	WMIR	CC from WJXY-FM
SOUTHC Gaffney	91.1	WYFG	PG>210m, 35-06-54/81-46-36; PC
SOUTHC Hilton Head Is.	92.7	W243CZ	QC from 96.5, 120w, 32-09-38/80-45-48; CL from Talahassee (sic), Fla.
SOUTHC Ridgeland	94.9	WXJP-LP	QC from 102.7
SOUTH D Frankfort	89.5	KTUT	CX ROA
SOUTH D Murdo	100.9	KSJW	CX ROA
SOUTH D Rapid City	90.3	KASD	PG>3kw/133m
TENN Chattanooga	98.7	W230CN	QR from 93.9, 35-00-33/85-20-41
TENN Chattanooga	98.7	W254DB	QG from W230CN-93.9, 35-00-33/85-20-41
TENN Harrogate	91.3	WLMU	PG>3kw/15m, 36-33-40/83-39-21
TENN Knoxville	101.5	W268BP	PG>250w
TENN Knoxville	102.9	W275AD	XG 36-00-21/83-56-20
TENN Knoxville	107.3	W297AX	PR>240w
TENN Knoxville	107.3	W297AX	PG>240w
TENN Mountain City	102.9	W275CK	XC 36-27-54/81-47-16
TENN Nashville	106.3	KXNS-LP	CC for NS
TENN Nashville	101.9	W270BK	XG 36-25-08/86-47-18; CL from Clarksville; to relay WQZQ 830
TENN Union City	103.3	W277CA	PG<50w; PC
TEXA Amarillo	90.7	KAVW	PC>1.2kw/164m, 35-14-31/101-48-43
TEXA Amarillo	92.7	K224EF	PC>250w
TEXA Amarillo	94.5	K233CB	PC>250w, 35-13-25/101-50-21; relays KTNZ 1010
TEXA Amarillo	97.5	K248DE	QG from K234BN-94.7, 250w, 35-12-27/101-50-17; CL from Santa Rosa, N.M.; relays KGNC 710
TEXA Austin	102.9	KIJZ-LP	PG>152m, 30-31-04/97-32-11
TEXA Baytown	103.3	KZCV-LP	QC from 92.5, 65m, 29-49-06/94-53-28
TEXA Boerne	93.9	K230AL	PC>250w, 29-48-19/98-43-11; relays KRNH 92.3
TEXA Boerne	103.9	K268CR	QR from 101.5, 180w, 29-50-26/98-49-32; CL from San Antonio
TEXA Brownsville	105.1	KXIQ-LP	NW 32m, 25-55-20/97-29-18 (Brownsville Society for the Performing Arts)
TEXA Cleburne	98.3	K252EB	XC 32-27-28/96-56-16
TEXA Concan	93.1	KHCU	CC from KHJQ
TEXA Denton	92.9	KUZU-LP	NW 37m, 33-12-24/97-08-00 (Denton Holiday Festival Association)
TEXA El Paso	92.7	K268CD	QR from 101.5, 99w, 31-48-57/106-29-18; CL from Pinos Altos, N.M.
TEXA Ellinger	89.1	KTIM	PR 19.5kw/84m, 29-52-43/96-52-45
TEXA Ellinger	89.1	KTIM	PG>19.5kw/84m, 29-52-43/96-52-45
TEXA Fort Worth	102.5	K273CS	PG>250w, 32-54-05/97-10-51
TEXA Fort Worth	92.9	K225BR	XG 32-45-11/97-19-46
TEXA Hillsboro	92.9	K225CM	QG from K228FQ-93.5
TEXA Holliday	100.9	KWFB	PG>18kw/118m, 33-54-23/98-40-52
TEXA Houston	105.3	K287BQ	PC<60w, 29-44-56/95-28-55
TEXA Houston	96.9	K240CW	QC form 95.9, 50w, 29-42-24/95-23-17; CL from Corpus Christi; relays KWWJ 1360; PR<3w
TEXA Houston	98.7	K254BZ	XG 29-34-15/95-30-37; CL from Fairbanks
TEXA Mesquite	107.1	KBPM-LP	QG from 106.5
TEXA Midland	105.1	K286BW	XG 32-05-11/102-17-10
TEXA Porter	102.5	K276GL	QC from 103.1, 250w, 30-13-53/95-07-26; CL from Livingston
TEXA San Antonio	107.9	KAYZ-LP	CC for NS
TEXA San Antonio	96.9	KPPC-LP	PC 50m, 29-31-46/98-21-40
TEXA Sugar Land	96.9	K248CJ	QC from 97.5, 230w, 29-51-47/96-11-29; CL from Gary
TEXA Sugar Land	96.1	KIRP-LP	QG from 98.3, 72m
TEXA Wheeler	98.9	KXNZ	QG from 103.9
USVI Frederiksted	101.3	WEVI	QC from 102.1, 4.6kw/286m
UTAH Logan	92.3	KBLU-LP	NW -208m, 41-44-43/111-48-16 (Aggie Radio)
UTAH Ogden	88.1	KWCR-FM	PR>1.55kw/200m, 41-15-18/112-14-09
UTAH Salt Lake City	92.1	K221GK	NW 99w, 40-39-12/112-12-06
UTAH Utah Co.	98.3	K252DB	PC>165w, 40-05-21/111-49-16
VIRG Charlottesville	102.9	W276DA	QC from 103.1, 120w, 37-59-06/78-28-48
VIRG Charlottesville	107.1	W276DA	QR from 102.9, 250w
VIRG Christiansburg	93.1	W226AT	PG>80w
VIRG Christiansburg	94.3	W232CS	PG>250w
VIRG Christiansburg	105.9	W290CU	PG>55w

VIRG Ferrum	89.9	WWVT-FM	CC from WFFC
VIRG Lakeside	91.7	W219CX	PG<13w, 37-30-52/77-30-28
VIRG Richmond	88.5	W203CB	PR>170w
VIRG Rocky Mount	95.7	WRXA-LP	NW -11m, 36-59-42/79-54-00 (Rocky Mount Community Radio)
WASH Magnuson Park	101.1	KMGP-LP	PG 46w/44m, 47-39-31/122-18-09
WASH Olympia	104.7	K284CG	PG<70w, 47-00-20/122-56-35
WASH Olympia	100.3	K262CY	QG from K225BY-92.9, 85w, 47-08-20/123-08-23; relays KRXY 94.5
WASH Olympia	104.7	K284CG	NW 70w, 47-00-20/122-56-35; relays KBUP 1240
WASH Pasco	104.5	KTZB-LP	CC for NS
WASH Seattle	104.1	K278BH	QC from 103.5, 99w, 47-32-37/122-06-27; CL from Astoria, Ore.; relays KGNW 820
WEST Bethany	88.1	WZUM-FM	PG>10kw
WEST Bluefield	94.5	W233CL	PG>150w
WISC Baraboo	105.9	W290AL	PR>250w, 43-25-50/89-39-13
WISC Beloit	92.3	W222AU	XR 42-27-34/89-01-43
WISC Columbus	88.1	WQWA-LP	PR<26m, 43-22-14/89-03-12
WISC Columbus	88.1	WQWA-LP	PG<26m, 43-22-14/89-03-12
WISC Elk Mound	94.1	WIAL	PG>114m; CL from Eau Claire
WISC Fond du Lac	103.1	W276CO	PG>250w; relays WRPN 1600
WISC Lake Hallie	92.9	WECL	PG 5.8kw/92m, 44-49-47/91-26-48; CL from Elk Mound
WISC Madison	99.5	W258CM	PG>250w
WISC Merrill	91.5	W218CC	PR<85w, 44-57-12/89-39-37
WISC Milwaukee	103.3	W277CV	PG>250w, 43-06-42/87-55-50; CL from Waukegan, Ill.; relays WRRD 1510
WISC Milwaukee	101.3	WKJJ-LP	PC>50m, 43-04-04/87-58-54
WISC Milwaukee	101.3	WPJQ-LP	PC>50m, 43-04-04/87-58-54
WYOM Rock Springs	95.1	KYCS	PG<11.6kw; PC
WYOM Sheridan	91.3	KSUW	PG>20kw/364m, 44-37-24/107-07-03



## UPCOMING METEOR SHOWERS

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



Shower	Activity Period	Maximum Date	Maximum S. L.	Radiant R.A.	Radiant Dec.	Velocity km/s	r	Max. ZHR	Time	Moon
Southern delta Aquariids (SDA)	Jul 21-Aug 23	Jul 30	126.9°	22:42	-16.4°	41.0	3.2	16	0300	07
Perseids (PER)	Jul 13-Aug 26	Aug 12	140.0°	03:12	+57.6°	60.5	2.2	100	0400	19
Orionids (ORI)	Aug 25-Nov 19	Oct 22	208.9°	06:24	+15.5°	67.1	2.5	15	0500	03
Leonids (LEO)	Nov 05-Dec 03	Nov 18	236.1°	10:17	+21.5°	69.7	2.5	15	0500	00
Geminids (GEM)	Nov 30-Dec 17	Dec 13	261°5	07:33	+32.4°	33.7	2.6	120	0100	24
Ursids (URS)	Dec 17-Dec 24	Dec 22	270°7	14:30	+74.8°	32.6	3.0	10	0500	04

# 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

42 Holly Park Drive

Tabernacle, NJ 08088

E-mail: [nickl@wtfda.org](mailto:nickl@wtfda.org)



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## *The Editor's Note*

Any good vibes that were leftover from June wilted away as we moved further into July, with E-skip activity being quite scarce. Yours truly could not recall a more vapid July since I've been paying attention to this and there seemed to be similar sentiments echoed across the continent.

However, as has seemed to have been a recent trend (look no further than July 2016, 2013, and 2012 for similar occurrences), Es activity made a late rally, with a strong opening on the 27<sup>th</sup> affecting both the east and south. E-skip openings followed on the next two mornings. What is it now with bunching several openings in mid to late July to try to make up for the absence of skip? Will this help the seasonal Es grade? Check back with us in August.

Tropo, meanwhile, got hot around the Midwest and Great Lakes on the 26<sup>th</sup>, with a strong opening. Frank Merrill in IL and Steve Rich's IL DX site received DTV decodes from as far away as WV during the event.

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**Glenn Hauser**  
Enid, OK

The KTUL transmitter on RF24 is located just north of McAlester.

It's a Digital Replacement Translator. From a technical standpoint, it's the same as an ordinary translator. From a regulatory standpoint, it's intended to fill gaps -- areas where the station reached in analog but doesn't in digital. KTUL has an application on file for another one, also on channel 24, located between Bartlesville and Coffeyville KS.

Digital Replacement Translators are part of the main station's license. They cannot be sold independently of the main station and cannot carry any programming besides a 100% relay of the main station. They do not get their own call letters -- the call letters of the channel 24 transmitter are also KTUL. == (Doug Smith W9WI, Pleasant View, TN EM66, WTFDA gg via WORLD OF RADIO 1884, DXLD) Yet ``city`` listed as Tulsa, not McAlester, which I suppose Doug determined from the

coordinates, which I did not inspect (gh, WORLD OF RADIO 1884, DXLD)

\*\* U S A. Area tropo from some Tulsa, Wichita stations, morning of Saturday July 1: at 1423 UT, KWCH Wichita on both RF 12 and RF 19, but better on 19: 12-1 KWCH-DT with local news; 12-2 KWCH WX; 12-3 Heroes, old drama reruns, new subchannel for this? Faded out from 19 by 1507.

KOKI-TV, RF 22, 23-1 from Tulsa with local news

No Es TVDX (nor FM) to report this month, July! I have just about given up hope for ever getting any double-hop analog TV from Central or South America, despite my antenna aimed that way and long hours of watching snow on channel 2. Not much tropo either, just this from the area:

\*\* OKLAHOMA. After hitting the reset button by mistake, I have to reprogram my Sanyo TV screen: this model does not allow DTV channels to be added individually, only auto-programming. So away we go circa 0430 UT July 6: it detects 42 channels, and flipping thru them,

discover some major ones got skipped, like KTUZ-29 ``30``. But to my great surprise, tropo must be up, so KTOU-LD on RF 21 is now included from OKC. If I auto-reprogram it again during dead conditions, will lose it.

Here`s how its six subchannels are labeled:

21-1, HSN  
21-2, SBN  
21-3, HSN2  
21-4, ONTV4U but LR bug says JTV  
21-5, KTOU-LD, but only broadcasting black screen with some flashes  
21-6, KTOU-LD, infomercial with no bug

Here what Rabbitears.info shows for KTOU:

display physical video audio call sign  
network/programming  
21-1 21.1 480i DD2.0 HSN HSN  
21-2 21.2 480i DD2.0 SBN SonLife + SAP Audio Icon  
21-3 21.3 480i DD2.0 HSN 2 HSN2  
21-4 21.4 480i DD2.0 ONTV4U Infomercials  
21-5 21.5 480i DD2.0 KTOU-LD Gun TV  
21-6 21.6 480i DD2.0 KTOU-LD [Blank]  
It`s only 4 kW ERP, with signal slightly direxional toward Enid.

BTW, KUOT-CD on RF 19 is slated to move to 21, apparently supplanting KTOU: because KAUT 40 goes to 19. Others repacking in Market 50: KOPX 50 to 18; KOCM 46 to 16; KOHC-CD 45 to 31; KWTW 39 to 25.

The reprogramming also picks up KETA 13, with the four OETA subchannels NOT breaking up. Tropo boost may account for it, and I fear when that subside, it`ll be back to jerking around, presumably due to QRM from the second harmonic of KNID 107.1 on 214.2 MHz. I can also barely get OETAs in clear on a third set with rabbit ears only.

{No, continues to be almost break-up-free on this antenna, and fortunately because Suddenlink Cable has reverted to the problem before two months ago: NO stereo, and mandatory DVS imposed on OKLA. I`ve notified OETA again and they are working on getting it fixed}

My HD screen is also receiving RF channel 48 in analog, a weak but steady, snowy but color-confetti pixure from KOCY-LP, with Estrella Network, 15 kW ERP. Also noisy analog audio. That`s the one I have previously seen on my B&W analog TV and other antenna, cutting on and off the air, but nothing lately, and I still see no trace of it there.

This is the \*first\* time I have seen any NTSC weak transmitted video on my HD Sanyo screen! At 0459 UT July 6, an anti-cable promo for all the stations and

networks one can get off the air. Otherwise, programming is infomercials, at late-night, probably usual sex enhancement devices or pills.

However, at 0511 UT, suddenly goes to black, and floating around the screen in small font are NO SIGNAL, and NO PROGRAM. This is obviously produced at the input to the ch A48 transmitter, not by my receiver. Disappears at 0523, but back at 0524, probably a brief fade below reception threshold here.

So anyhow, KOCY-LP on analog 48 is still there, sometimes, but a big mess if anyone would actually try to watch it, rather than as a full-power virtual 48 subchannel of the KTUZ RF 29 transmitter. The KOCY-LP ID on the hour showed 48-1, even though it was seen in analog! (Glenn Hauser, Enid, DX LISTENING DIGEST)

\*\* OKLAHOMA. KFOR-27, ``channel 4``, OKC, July 6 at 1800 UT ID slide at ToH shows a bunch of translators, as stations are required to do periodically. It`s only up for a few seconds, impossible to read, let alone retain. Note to self: have tape rolling next time, ready to freeze and photo, in case the list be accurate and up-to-date. I do so July 8 at 1800: NO SHOW, between programs, not even a legal ID for KFOR itself! Does this appear at random times? Maybe a translator list on the website <http://kfor.com> --- of course not. Even searching on `translator` gets nothing but some news stories mentioning that word, not talking about TV relayers! (Glenn Hauser, Enid, DX LISTENING DIGEST)

\*\* OKLAHOMA. RF 42, July 11 at 1430 UT, 4-channel station decodes, as tropo is enhanced from eastern OK, also bringing in Bad signals on many other UHF channels, correlating with Tulsa area market. Only other decode is RF 26, KTEN ``10`` Ada. 42 might have been the LD in OKC, but not now. I survey what`s contained within:41-1 KMYT-TV, 41-2 GetTV, 41-3 GritTV, 41-4 HNI as per PSIP, but ``H&I`` shown in program promo, during an old Andy Devine B&W movie. But contrary to schedule showing Wagon Train at 9-10 am CT, per <http://handitvnetwork.com/schedule/>

Means Heroes & Icons. We don`t get this in OKC market, or local cable. Site is halfway between Tulsa and Muskogee with 900 kW ERP. KMYT MyTV will be repacked to RF 34 (Glenn Hauser, Enid, DX LISTENING DIGEST)

KDCU-DT, RF 31 and 31-1, Univision with U bug and eji bug for kidvid, classic Disney toons. Wichita market; no subchannels found KSNW-DT, RF 45, 3-1; also 3-2 Telemun[do], 3-3 Ion, Wichita (Glenn Hauser, Enid OK, DX LISTENING DIGEST)



## Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099

[southernfmdx@wtfda.org](mailto:southernfmdx@wtfda.org) – Deadline: 15th

August 2017

**Doug Speheger** – Norman, OK – EM15gf

### 6/26 Es

1039	KWMX	96.7	AZ	Williams 829
1051	<u>KSNE</u>	106.5	NV	Las Vegas 986
1058	KXPT	97.1	NV	Las Vegas 1013

### 6/30 Es

1251	KDDL	94.3	AZ	Chino Valley, ‘Cattle Country’ 855
1257	KXMB	94.1	NV	Henderson, ‘Mix 94.1’ 986
1259	<u>KKLD</u>	95.9	AZ	Cottonwood, RDS: KKLD 830
1300	KMGN	93.9	AZ	Flagstaff, ‘The Mountain’ 794
1303	KXPT	97.1	NV	Las Vegas, ‘The Point’ 1013
1305	KWKM	95.7	AZ	St. Johns, Show Low area 692
1305	<u>KKFR</u>	98.3	AZ	Mayer, ‘Power 98.3’ 849
1306	KMVA	97.5	AZ	Dewey, ‘Hot 97.5’ 849
1312	KSNE	106.5	NV	Las Vegas, ‘Sunny 106.5,’ area ads 986
1313	<u>KONY</u>	99.9	UT	St. George, RDS: KONY 901
1314	KJUL	104.7	NV	Moapa Valley, ‘The Jewel’ 958
1320	<u>KHYZ</u>	99.7	CA	Mountain Pass, ‘The Highway Vibe,’ Laughlin area references 1019
1324	<u>KOAS</u>	105.7	AZ	Dolan Springs, ‘Old School 105.7’ 948
1327	KWNR	95.5	NV	Henderson, ‘The Bull’ 986
1328	<u>KAHM</u>	102.1	AZ	Prescott, ‘Easy Listening KAHM,’ area weather/fire info 830
1334	<u>KWLP</u>	100.9	AZ	Peach Springs, strong signal, Music Mountain High School reference, ‘KWLP The Peach’ 897
1338	<u>KURR</u>	103.1	UT	Hilldale, ‘Mix 103.1,’ hurricane area mentions 901
1341	<u>KWID</u>	101.9	NV	Las Vegas, Spanish, webstream match, in briefly over local 100kw KTST 988
1344	<u>KCLS</u>	101.5	UT	Leeds, RDS: KCLS, strong signal 901
1348	KOMP	92.3	NV	Las Vegas, ‘KOMP 92.3, the rock station’ 1013
2113	KMYI	94.1	CA	San Diego, San Diego references/traffic 1148
2126	KKFR	98.3	AZ	Mayer, RDS: POWER983, in again 849

Great to hear from you, Doug! So nice to have another Sooner on board-jz

**Fred Nordquist** – Moncks Corner, SC – FM03af – all new

Receivers: Sangean HDT-1X, AirSpy with SDR Console, Antenna: APS-13

5/16 Es

1918 KYRQ 90.3 TX Natalia, religion, Oasis Network 1151

5/24 Es

0900 XHZCM 107.7 QR Cozumel, SS, "La Voz del Caribe" 977  
1231 VPR-FM 99.5 BZ Belmopan, EE/SS ads, "More FM" 1231  
1632 VPR-FM 107.1 BZ Belize City, EE, "More FM" // 99.5 1200  
1637 XHOM 107.5 VC Coatzacoalcos, SS, romantic 1372  
1638 TGPI 99.1 GU Coban, SS, "La Pantara" 1386  
1648 XHVET 90.5 TB Villa La Venta, SS, "La Radio de Tabasco" 1448  
1650 XHQAA 99.3 QR Chetumal, local announcement, city name 1140

5/25 Es

1209 CMBA8 97.5 CU Bartolomeo Maso, SS, "Radio Rebelde" 920

6/13 Es

1759 WXPB 90.3 ME Corinth, Catholic, rosary 988

6/25 Es 1255-1442 & 1935-2221 EDT – NS/QC/NH/VT/ON/IA/SD/KS/MO/NE/IL/MN/NH/ME/PEI/KY  
MUF 108

1255 CBVX 95.3 QC Quebec, RDS PS: ...ICI..., FF 1039  
1434 KINI 96.1 NE Crookston, RDS PI: 267A, PS: KINI Ctry 1321  
1434 KJBI 100.1 SD Fort Pierre, RDS PI: 27E6, "Classic Hits 100.1 The Eagle" 1332  
1434 K268CZ 101.5 IA Sioux Center, "Classic KSOU 1090" 1109  
1950 KBJQ 88.3 KS Bronson, religion, 2 program matches 903  
1953 KTKS 95.1 MO Versailles, RDS PI: 4342, country 800  
1954 KCVG 89.9 NE Hastings, Bott Radio net ID with KCVG-NE/KMCMV-MO  
signals echo 1139  
1954 KRKR 95.1 NE Waverly, RDS PI: 3DF9, PS: song/artist, religious music 1064  
2000 KMOE 92.1 MO Butler, "KMA," open carrier, then AM 1530 KMAM s/off ann 876  
2007 KBIE 103.1 NE Auburn, baseball, "B103 – Today's Best Country," a/c 402 1004  
2012 KYOO 99.1 MO Half Way, "Your Country" 810  
2022 WRND 94.3 KY Oak Grove, RDS PI: 82E1, PS: song/artist on WRND 93.2,  
top 40, shortest skip distance in this opening 485  
2023 KPNT 105.7 IL Collinsville, RDS PI: 3901, PS: song/artist, rock,  
"The Point" 687  
2025 WOOZ 99.9 IL Harrisburg, RDS PI: 3901, PS: New Ctry Z100,  
"Z100," country 586  
2026 KHZR 97.7 MO Potosi, RDS PI: 5933 – 'WBST,'  
PS: Boost 101-9 Boost 101-9, top 40 689  
2026 KBDZ 93.1 MO Perryville, RDS PI: 130B 657  
2027 WIMB 89.1 IL Murphysboro, RDS PI: 57F3 – 'WBGL,' WBGL ID 611  
2029 KBI A 91.3 MO Columbia, ID 790  
2034 KSD 93.7 MO St. Louis, "93-7 The Bull" 687  
2046 WCIL 101.5 IL Carbondale, RDS PI: 5ACB, "Rock 101.5" 613

6/30 Es 1840-2131 EDT AR/OK/TX/MO/LA MUF 107.7

1852	KBEX	96.1	TX	Dalhart, SS, "La Poderosa" 1278
1951	KZRC	96.1	OK	Bennington, "Mix 96-1 Texoma" 932
1955	KZKL	90.5	TX	Wichita Falls, RDS PI: 5313, religion 1069
1959	KQPD	91.1	OK	Ardmore, "...Q Ardmore..." 987
1959	KPWA	93.5	AR	Bismarck, ID 768
2001	KAMD	97.1	AR	Camden, ID, local news/weather 741
2002	KBEL	96.7	OK	Idabel, ID, "KBEL 96-7 FM" 856
2005	KCXY	95.3	AR	East Camden, "Y95," local ads 741
2006	KPWW	95.9	TX	Hooks, RDS PI: AF39 – 'KPWS' 820
2014	KMOO	99.9	TX	Mineola, SID "KMOO 99-9" 903
2019	KBUS	101.9	TX	Paris, "K-Bus" 890
2038	KBEU	92.7	AR	Bearden, "Fox Sports 92.7" 733
2039	KVGB	90.9	TX	Holliday, "The Gospel Station" 1090
2059	KWGS	89.5	OK	Tulsa, ID, jazz 913

7/4 Es

1919	KGLI	95.5	IA	Sioux City, local weather and announcements 1095
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7/11 Es 1353-1416 edt NE/KS/MO MUF 106.9

1403	KKFK	94.1	KS	Kansas City, RDS PI: 1E3D, local ad 903
1411	KPIO	93.7	KS	Pleasanton, ETWN religion 907
1416	KIJN	92.3	TX	Farwell, religion, local weather 1310

7/21 Es 1257-1333 & 1726-1932 edt RI/MA/NH/ME/NY/VT/NS/CT/QC/NJ/NB/ON MUF 102.9

1302	WCRQ	102.9	ME	Dennysville, RDS PI: 5BBA, PS: WCRQ-FM, adult hits 1057
1304	WJFD	97.3	MA	New Bedford, Portuguese 765
1306	WTUX	101.1	ME	Gouldsboro, ID, "Tux" 1004
1310	WEGB	90.7	NY	Napeague, RDS PIL 5FD5, religion, "Faith FM" 695
1313	WGXL	92.3	NH	Hanover, "GXL" 830
1735	WUML	91.5	MA	Lowell, RDS PI: 8ABB, PS: WUML, rock 803
1737	WSEW	88.7	ME	Sanford, RDS PI: 84AE, PS: WSEWWord, religion 860
1847	WNJO	90.3	NJ	Toms River, RDS PI: 77F4, public 565
1853	WRUR	88.5	NY	Rochester, RDS PI: 83A5, public 697
1855	CKPR	91.5	ON	Thunder Bay, ID 1156

Total to date = 3585

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**Glenn Hauser** – Enid, OK

Check out Glenn's detailed loggings on the WTFDA Forums at [forums.wtfda.org](http://forums.wtfda.org), click on VUD FM DX Reports. Highlights include:  
June 30 – Mexico, US Southwest



## Somewhere in Havana - 2017



# The Cuban Pachanga

Story by Jim Thomas

## 2017 - The State of FM Radio in Cuba

*Pachanga, f fam ~ a rowdy celebration.*

A person would be hard-pressed to say that most people don't like a party. And such is the way it is in Cuba.

Cuban residents have come to rely on tourism dollars to make a living. And they have also come to expect something from the tourist that they wish could go away. *The Pachanga*. The celebration that tourists expect when visiting Cuba. The Cuban party atmosphere - the sun, the art-deco, the classic cars filling the streets, friendly and funny locals, and the sound of the pulsating merengue music spilling out of doors and windows. *The Pachanga!* The tourists want it, however, the local Cuban resident wants change. In the words of one local Havana business marketer, "We don't like it. We need to make the modern style for Cubans. Sober colors. Clean minimalism. White spaces."

But for a country that averages only 687 pesos per month in wages, they must cater to the tourist. The phrase on the streets in Havana and other Cuban cities these days is "¡Resolver!" and that is quickly followed by, "¡Asi Es La Vida!"

"¡Resolver!" is a genuine Cuban Spanish term that literally means "to get by" - do whatever it takes to make a peso. "¡Asi Es La Vida!" is the equivalent to "That's life!"

The current exchange rate has a Cuban trading 26.5 pesos for every American dollar. One American dollar will make a days wages for the average Cuban employee. If you can, imagine making 11 cents per hour. The picture becomes clear why the *Pachanga* continues to exist in Cuba. And so Cuba appears to be locked in a 1959 time capsule. And yet evidence of capitalism in Cuba is slowly, if at a snails pace, making in-roads into the Cuban infrastructure. This is in a country where any type of advertising is illegal.



Evidence of this "Capitalism in disguise" is found in none other than one of the State's properties - Radio Taíno, which is found at 93.3

MHz in Havana, and on numerous other frequencies throughout the country. Radio Taíno is the tourism radio station for Cuba. The goal is to promote everything about Cuba to the tourist, for one goal of the state - make money. Locally, it's called "capitalismo de incógnito". No other radio station in Cuba is authorized to operate like this.

# The Cuban Pachanga

"According to the constitution, the media cannot be used against the system, and advertising is capitalism, which goes against the system," explains Yoan Karell Acosta Gonzalez, a professor at the University of Havana.

Gonzalez, then clarifies, "The constitution doesn't say you cannot promote products exactly. It says you cannot use the media to promote capitalism."

If this isn't quite clear, then consider this: Those that choose to operate a bed-and-breakfast, a restaurant, a radio station, or other type of service oriented operation by converting extra rooms inside their homes are not technically considered entrepreneurs, but rather "self-employed," or *cuentapropismo*, in the preferred nomenclature of the state. Such a categorization apparently accommodates personal initiative while limiting the acquisition of private property used for purely profit-oriented ends, as well as any potential inequality derived from that.

Raúl Castro, Cuba's current president since 2008, has been lessening the restrictive rules for the self-employed in Cuba. While advertising is still not allowed, very subtle signage can be installed on the exterior of a home for identifying the business location. Anything more and they will draw attention. Just as there are an increasing number of private food business and personal services, Cuba is also seeing a growing number of licensed radio stations being operated out of homes and located in residential neighborhoods. Privately held media in Cuba is still prohibited, and the

## CMIB 96.9 MHz - Radio Amanecer Primero de Enero, Ciego de Ávila



Radio Amanecer, with its studios in a home in a residential district on the outskirts of Primero de Enero, in the province of Ciego de Ávila. The entrance to the studios faces toward a courtyard, which is away from the main road. The signage seen here would not be acceptable if it was facing the street.

Radio Amanecer is one of many privately operated radio stations that have pursued Radiocuba to issue them a broadcast license. Owners of such radio stations have to prove to Radiocuba they have direct affiliation with their community. Radio Amanecer was issued a license for AM radio in 2001. They were awarded their FM license in 2003, with a repeater license for 94.1 in 2005.



Price Tours of Key West Florida published this postcard and used it in marketing campaigns during the mid-1950s.

government owns all mainstream media outlets. Smaller FM radio stations are required to have some type of community or provincial government connection. Funding for such radio operations must come from the government agency.

## A new party in 1959

Since the Cuban Revolution in 1959, Fidel Castro's government applied a series of measures that transformed all national media. Radio Rebelde, the first radio station developed under the revolution, started broadcasting on February 24th.

During the early years of the revolution there was a division between the mainstream media in Cuba, created with private capital that opposed the new political situation. A series of small radio stations in favor of the new government, organized an "Independent Front of Free Broadcasters" (*Spanish: Frente Independiente de Emisoras Libres*). These radio stations were recognized as official by the new government. The government would develop a Bureau of Broadcasting under the political leadership of the PCC. Radio stations in the country were completely put under state control on May 24, 1962 under the management of the newly established Cuban Broadcasting Institute. Under the new broadcasting system, all media were to meet a set of values established by the government to strengthen the political process in the country, some names of radio stations were changed, and the coverage of radio services were extended to reach the whole country. In 1975, the agency changed its name to the Cuban Institute of Radio and Television (ICRT).

# The Cuban Pachanga

## The Cuban radio tempo in modern times

In 2005 Cubans had at least 3.9 million radio receivers, and the country had 169 AM, with 55 main FM stations. The ICRT served as the government's administrative outlet for broadcasting. In 2014, the ICRT relinquished control of licensing procedures when the newly formed division for broadcasting management was introduced. Radiocuba, the new division, is under the direct supervision of the ICRT. Radiocuba manages all activities involving licensing and broadcast regulations.



In early 2016, Radiocuba surprised certain circles in the broadcast industry and radio hobbyists alike, when they introduced Radio and Television maps on their website. The maps show the location for all licensed broadcast facilities for AM, FM, and TV stations and where they are located, by province.

**DIVISIÓN TERRITORIAL LA HABANA**  
Centros Transmisores de Frecuencia Modulada (FM)  
Cantidad de transmisores: 14



The La Habana map, as pictured above. To identify the stations operating at each transmitter location, you would move your cursor on your internet program over the dot and press and hold the left button. This will bring up a box that shows the station names and frequency on the radio dial. To access these maps, follow this URL:

<http://www.radiocuba.cu/Sitioweb/index.php/servicios/transmission-radio/frecuencia-modulada-fm>

A recent count of all FM stations in the Worldwide TV-FM Dx Association's online FM database shows 328 licensed facilities in operation within Cuba's borders. This number includes all forms of broadcast coverage which Radiocuba categorizes as: National, Regional, Provincial, and Community.



There are six National AM/FM radio networks, which are all based in Havana. Of those six networks, the top three Cuban major radio outlets are:

1. Radio Progreso, 90.3 with 23 repeaters - entertainment;
2. Radio Reloj, 101.5 with 14 repeaters - news;
3. Radio Rebelde, 96.7 with 32 repeaters - news, music, sports.

## RADIO EQUIPMENT IN CUBA



Radio transmitters and equipment for various Cuban broadcasters at an unidentified location. Radio Progreso and Radio Taíno equipment is seen in the foreground.



Broadcast towers located in Ciudad Habana. The tower on the left has been identified as primarily a TV broadcast tower, while the tower on the right has a variety of radio equipment.



One of Radiocuba's engineering service trailers at the San Isidro Ilegó antenna park south of the city of Sancti Spiritus.

## Cuba's radio future

While Cuba's future of radio broadcasting over the airwaves is still largely in question, one thing is for certain - ¡Llegó Internet a Cuba!

The internet has arrived in Cuba. Cubans are one of the most highly educated people in the western hemisphere and they can't get enough of the internet. And its evident that radio broadcasters in Cuba are following the money trail, even though the Cuban government is against capitalism.

# The Cuban Pachanga

The first connection to the internet in Cuba was in 1996. After that, it stalled, then stagnated. No one really knows why. The Cuban government blames the US and the trade embargo. Whatever the reason or reasons, the Cuban populace is demanding access to the internet, despite the fact users of the internet there are scrutinized more than any other country on the planet.

Availability and use of the Internet in Cuba is slowly changing. There is a good deal of pent up demand among the well-educated Cuban population. On June 4, 2013, Cubans were able to sign up with ETEC S.A., the state telecom company, for public Internet access under the brand "Nauta" at 118 centers across the country. As of March 2017 the cost of Internet access was \$1.50 per hour for domestic intranet access, which is still high in a country where salaries average \$20 a month.

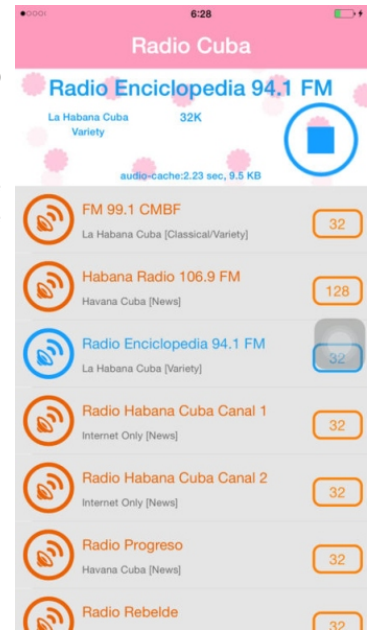
In early 2016, ETEC S.A. began a pilot program for broadband Internet service in Cuban homes, with a view to rolling out broadband Internet services in private residences.

Where the future of radio and the internet lies in Cuba, no one knows. But one thing visitors are quick to discover - Cubans don't like rain. When it rains, people stay home. Shops close early. Schools let out early. Radio stations go off the air because people want to go home. On a rainy day, there is no *Pachanga*. In a country that gets tropical rain, the day the rains come its a lost cause. Umbrellas cost a half month's wages. No one knows where to buy an umbrella, because socialism blocks advertising. No one can advertise they have umbrellas! No umbrella, no *Pachanga*. If you plan to be a tourist in Cuba, hope for a sunny day.

Then you can enjoy your Cuban Pachanga!

### Radio Cuba app

This radio app was developed specifically for the Cuban smartphone market by Apple and third party developers. The Radio Cuba app is available for both iPhone and Android.



Llegó Internet a Cuba - The Internet has arrived in Cuba

## T-Mobile to Pay for Some LPTV Repack Moves

Company says it is willing to foot the bill to help ease transition

Written by John Eggerton for *Broadcasting & Cable* [July 17, 2017]

Source: <http://www.broadcastingcable.com/news/washington/t-mobile-pay-some-lptv-repack-moves/167217>



T-Mobile has volunteered to pay for affected low-power stations to move to temporary channels in order to clear broadcast spectrum as quickly and equitably as possible following the incentive auction.



That came in a voluntary proposal for a Supplemental Reimbursement Program submitted to the FCC Monday, a step LPTVs saw as a positive sign.

"I am writing to inform you of a voluntary commitment that T-Mobile USA, Inc. ('T-Mobile') is making to compensate certain low power television stations that operate on a secondary basis and are unable to obtain a permanent channel in time to accommodate T-Mobile's rapid deployment of broadband service in the 600 MHz band," said T-Mobile. "As detailed more fully below, T-Mobile is offering to pay the reasonable costs associated for such stations to move from a temporary channel to a permanent channel. While these stations are required to vacate the 600 MHz band when the broadband provider is ready to initiate service, T-Mobile recognizes that some of these stations may need to move twice, and T-Mobile is willing to go beyond what is required and compensate these stations for the additional move."

The double move would be required because the FCC may not have identified new channels for the stations before T-Mobile is ready to take over their old ones.

LPTVs can file for a new channel in a special "displacement" window, but that does not open until November. In some areas, that would be after T-Mobile's planned deployment, so they would have to relocate to a temporary channel until the displacement window opened. T-Mobile says they should not have to pay for two moves, so it will cover the first, though it points out such double payments are fully consistent with the law, meaning it does not have to help out the LPTVs but will.

T-Mobile, the biggest bidder in the auction, said it plans to have at least 10 MHz of spectrum ready for deployment across more than a million square miles by the end of the year.

"Our Coalition applauds T-Mobile in doing the right thing in assisting displaced by the auction LPTV stations from having to incur the costs of moving twice in response to the T-Mobile rapid deployment of the spectrum they won in the auction," said Mike Gravino, director of the LPTV Spectrum Rights Coalition. "While not a panacea for all of the problems and inequalities of the auction and repack, this commitment by T-Mobile to assist some of the most vulnerable LPTV is most welcomed."

The FCC created the displacement window to help find new spectrum homes for LPTVs and translators, but they are not protected in the repack, meaning that if the FCC runs out of spectrum, they could go off the air.

T-Mobile has already [agreed to cover the expenses](#) of public TV's low-power translators that have to move following the auction to make way for wireless forward auction winners—T-Mobile was the largest—to move in.

"NAB is gratified by the T-Mobile announcement, which recognizes the important role that low power TV stations play in providing quality entertainment and lifeline news and information to millions of TV viewers," said the National Association of Broadcasters in a statement.

# SIGN UP & Renewal Form

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Print this form and send it with your dues.

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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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