

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 2009

The Magazine for TV and FM DXers

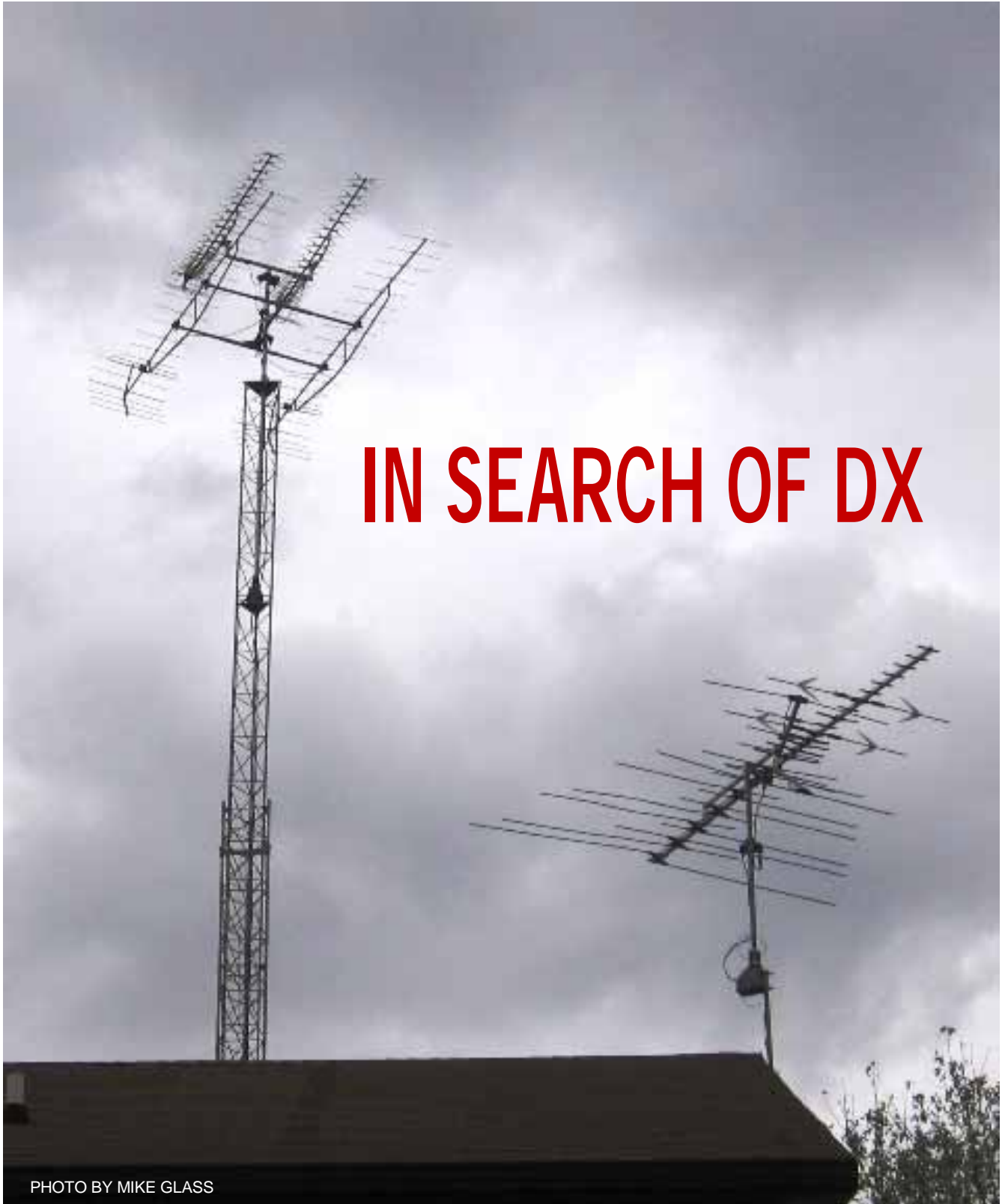


PHOTO BY MIKE GLASS



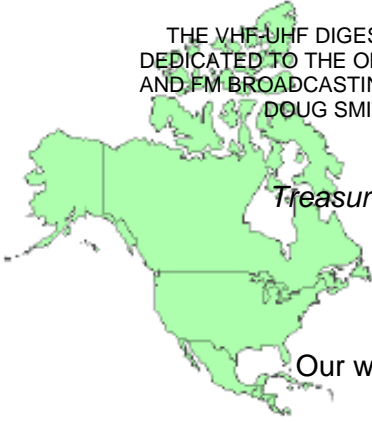
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**CONVENTION 2009  
LABOR DAY WEEKEND  
NRC & WTFDA TOGETHER AT  
ALLENTOWN, PA**

# THE WORLDWIDE TV-FM DX ASSOCIATION

*Serving the UHF-VHF Enthusiast*

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



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Our website: [www.wtfda.org](http://www.wtfda.org); Our forums: [www.wtfda.info](http://www.wtfda.info)

APRIL 2009



Finally! For those of you online with an email address, we now offer a quick, convenient and secure way to join or renew your membership in the WTFDA from our page at:

<http://www.wtfda.org/join.html>

You can now renew either paper VUD membership or your online eVUD membership at one convenient stop. Use the link above to either join the WTFDA or renew your membership in North America's only TV and DX organization.

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Hopefully Southern FM and Northern FM will return when Keith and John get some reports.

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## IT COULD HAVE BEEN INTERSTING

Well, yes, March could have been interesting. It could have been a month void of high power analog television signals, but thanks to the new administration, it wasn't.

Looking back at March we found that there wasn't very much DX-worthy to talk about. However, tropo actually was noted in the Midwest around the 17<sup>th</sup> and 18<sup>th</sup>. And some days earlier, tropo was observed in LA, MS and AR. Some of these receptions were in the 400+ mile range. And Roy Barstow on Cape Cod saw TV tropo from as far south as South Carolina on the 18<sup>th</sup>. That's it for DX activity in March.

## MEMBERS AND MORE

Our newest member this month is **Jon Petricoin** from Akron PA. Jon found our website and the rest is history. He's got a 7 foot parabolic and is restoring it. Welcome to the WTFDA Jon!

Renewals received during the period 2/21 to 3/14 came from **Harry Hayes** (PA), **Larry Kenney** (CA), **George Rogers** (GA), **Bruce Hall** (ON), **Jeff Wolf** (MD), **Nate Ely** (WI), **James Ivill** (WV), **John Zeis** (PA), **Allan Dunn** (MA), **Gerard Hart** (MY), **Dan Dankert** (CA), **Edward Ritchie** (WI), **Larry Back** (OH), **Peter Taylor** (WA), **Bill Draeb** (WI), **Chris Dunne** (FL), **Barry Shinall** (IA), **Tom Yingling** (MD), **Ivan Silva** (Brazil), **Luis Franceschi** (PR), **Doug McAbee** (MI), **Tim Cronin** (IL) and **Paul Crego** (NY).

## WHAT HAPPENED IN FEBRUARY



## PAYPAL

For those of you who use Paypal to renew your memberships, please note that we've made a little change. We've set up a business account for the WTFDA and, in order to use it, you MUST renew your memberships from the WTFDA website at <http://www.wtfda.org>. I am not accepting dues to my own personal Paypal account any longer, so don't send money to it. And the club cannot accept payments to an email address as we did in the past. Use the website instead. It's quick. It's easy. And it puts your dues into the club's checking account and saves us all time.

## WTFDA TV STATION GUIDE

**John Ebeling** wrote that he has TWO copies of the old TV Station Guide laying around and wonders if anybody wants one (or both). Yes, they are out-of-date but someone might want one to remember the analog era. I can't remember what we charged for these but I think \$5.00 might cover the postage on it (this is a pretty large stack of 8.5" x 11" paper). Email me if you are interested.

## LENNY LIVES!

WTFDA member **Lenny Goldberg** (OR) recently spent ten days at the University of Maryland Medical Center where successful cancer surgery was performed on Feb 25<sup>th</sup>. Lenny has had more than his share of obstacles in his life to overcome and his wife and his faith have helped him through them. Lenny, I'm glad your still here!

Of course like a true DXer he brought a radio with him during his stay. Unfortunately, reception in the hospital was terrible.

## VIP307

Our man in New Orleans, **Richard Gray**, emailed us that Wade gave him the name of a dealer that has VP307s along with the VP306s. That dealer is Willtronics, located in Tyler Texas. Their phone is 800-657-2404. Richard says to expect to see one on the top of his house in the near future!

That is one monster of a VHF antenna! I'd expect that Southern DXers would have more use for one of those than those of us in the north.

So, if you want one, now you know where to get one. Take care and see you next month!  
-Mike



# TV News

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**April 2009**

**Abbreviations:**

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

**News:**

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



**Canada:**  
**Quebec:**

*Laval*                      4 **NEW**                      *AF 79w, French community station*



**Guam:**

**Agana**                      8 **KUAM-DT**                      **NW 3.5kw/304m**  
**Agana**                      12 **KGTF-DT**                      **QC from ch. 5, 54.7kw/178m, 13-29-17/144-49-37**  
**Tamuning**                      14 **KTGM-DT**                      **NW 12.5kw/168m, 13-29-17/144-49-30**



**Puerto Rico:**

**Arecibo**                      7 **WSTE-DT**                      **AF 25kw/88m, 18-02-52/66-39-16 (DTS)**  
**Bayamon**                      30 **WDWL-DT**                      **PG>100kw**  
**Carolina**                      51 **WRFB-DT**                      **PR>256kw**  
**Fajardo**                      16 **WMTJ-DT**                      **NW 140kw/**

**Mayaguez**                      7 **WSTE-DT**                      **AF 25kw/336m, 18-16-29/66-06-49 (DTS)**  
**Mayaguez**                      10 **W10BG-D**                      **DG 144w, 18-19-33/67-10-13**  
**Mayaguez**                      35 **WIPM-DT**                      **PG>784kw**  
**Ponce**                      7 **WSTE-DT**                      **AF 100w/65m, 18-27-21/66-45-16 (DTS)**  
**San Juan**                      7 **WSTE-DT**                      **AF 6kw/370m, 18-19-25/67-10-27 (DTS)**  
**San Juan**                      10 **W10CZ-D**                      **DR 300w, 18-21-32/66-11-25 dismissed; going for 150w at different site.**  
**San Juan**                      10 **W10CZ-D**                      **DR 150w, 18-17-42/66-09-56**  
**San Juan**                      31 **WSJU-DT**                      **NW 66kw/267m**



**USA:**

**Alabama:**  
**Birmingham**                      10 **WBIQ-DT**                      **QC from ch 53, 3kw/426m**  
**Dothan**                      21 **WDHN-DT**                      **NW 1000kw/190m, 31-14-25/85-18-43**  
**Florence**                      20 **WYLE-DT**                      **PR 50kw/275m, dismissed (CX, DE)**  
**Florence**                      20, **WYLE-DT, 26 WYLE**                      **CX, DE, see text**  
**Huntsville**                      46 **WHNT-DT**                      **QR from ch 59**

<b>Montgomery</b>	12	WSFA-DT	800kw/528m; QG
<b>Montgomery</b>	20	WCOV-DT	PG>31.6kw
Montgomery	34	WFRZ-LD	DC 15kw
<b>Mount Cheaha</b>	7	WCIQ-DT	QC from ch 56, 34.8kw/576m
<b>Alaska:</b>			
Lemon	2	K02QM-D	PC<10w
<b>North Pole</b>	20	KJNP-DT	PR>492m, 64-52-45/ 148-03-14; PG
<b>Arizona:</b>			
Cottonwood	29	K29IQ-D	NS DCC 1.5kw for K51HV (KPAZ-21)
<i>Parker</i>	49	KJPO-LP	PR>150kw, 33-54-37/ 113-59-31; PG; CC from K49IM
Phoenix	9	KDTP-LD	NS DCC 300w, 33-20- 01/ 112-03-45 for ch. 11
Phoenix	50	K50LC-D	NS DCC 5kw, 33-19- 57/ 112-03-57
Prescott	45	K45JX-D	XR 34-11-32/ 112-45-13
<i>Quartzsite</i>	55	KRPO-LP	PR>90kw, 33-45-07/ 113-40-30 dismissed
Tucson	13	K13ZH-D	AF 300w, 32-14-57/ 111-06-57, replacement translator for KOLD-DT 32, to use old analog antenna?
<i>Verde Valley</i>	46	K46IL	PG>1.19kw (an increase of four entire watts...)
<b>Yuma</b>	11	KYMA-DT	PR>22.3kw; PG
<b>Arkansas:</b>			
El Dorado	18	K18AB-D	DR 2.54kw
<b>Fort Smith</b>	27	KFTA-DT	PG>600kw
<b>Little Rock</b>	22	KATV-DT	PC 1000kw/ 515m, 34-47-49/ 92-29-20
<b>Little Rock</b>	22	KATV-DT	AF 364kw/ 411m (aux)
<b>California:</b>			
Bakersfield	29	KBFX-CD	DR from ch. 27, 15kw
<i>Barstow</i>	6	KCIO-LP	PC<990w, 34-40-10/ 116-50-51
<i>Barstow</i>	20	K20IM	PG>2kw, 34-51-22/ 117-03-00
<i>Cal-Oregon</i>	42	KQSX-LP	PG<300w, 41-17-34/ 122-18-18
<i>Caliente</i>	41	KDBK-LP	PG<65kw; NW
<b>Calipatria</b>	36	KAJB-DT	NW 155kw/ 476m
<b>Ceres</b>	15	KBSV-DT	NW 421w/ 576m, 37-30-28/ 121-22-20
<i>Chalfant Valley</i>	39,	K55FD,	QR from chs. 55, 61,
	41,	K61EJ,	64
	43	K64CY	
<i>Chico</i>	48	K48KB	PR>40kw, 39-44-41/ 122-03-22
<b>El Centro</b>	9	KECY-DT	PR<478m; PG
<i>El Centro</i>	56	KHFS-LP	CC from K56GC
Fresno	27,	KJKZ-LD,	DR 15kw
	39	KMSG-LD	
Fresno	42	KJEO-LD	NS DCC 15kw, 37-04-

<i>Garberville</i>	10	K10HX	26/ 119-25-52 for ch. 32 PG>15w, 40-07-09/ 123-41-30
Gonzales	41	KOTR-LD	NS DCC 15kw, 36-32- 05/ 121-37-09 for ch. 2
<i>Indio</i>	8	KVPS-LP	XG 33-51-58/ 116-26-05
<i>Inyokern</i>	6	K06OL	XR 34-32-50/ 118-12-57
Lakeport	4	K04QR-D	PG>100w, 38-47-13/ 122-07-20
Lakeport	5	K05MI-D	PR>300w
<i>Litchfield</i>	34	K13RZ	QC from ch. 13, 570w, 40-07-01/ 120-19-06
<i>Litchfield</i>	46	K46HL	NW 272w, 40-07-01/ 120-19-06 (KOLO-8)
Mineral	5	K05JK-D	DG 6w
<b>Monterey</b>	31	KSMS-DT	PG>1000kw
Paradise	5	K05EM-D	DG 6w
Redding	6	KFMD-LD	PG>300w
Redding	8	KVFR-LD	XR 40-36-40/ 122-22-51
<i>Redding</i>	41	KRHT-LP	QC from ch. 58, 3kw
Sacramento	49	KSAO-LD	DR 15kw
San Luis Obispo	13	K31KG-D	QR from ch. 31, 300w
San Luis Obispo	31	K31KG-D	NS DCC 300w, 35-21- 37/ 120-39-18 for K28FK PG<20kw, 34-54-37/ 120-11-09
<i>Santa Maria</i>	35	K35ER	DR from ch. 42, 15kw, 38-20-52/ 122-34-35
<b>Ukiah</b>	49	K42HE-D	DR from ch. 42, 15kw, 38-20-52/ 122-34-35
<b>Vallejo</b>	34	KFSF-DT	PG>330kw/ 499m
<i>Victorville</i>	29	KVKV-LP	PR>7.6kw
Visalia	47	KMCF-LD	DR 15kw, 36-44-45/ 119-16-57 from ch. 35
<b>Colorado:</b>			
Akron	35	K35FI-D	DG 190w
Anton	22	K22JE-D	DG from K55IB, 435w
<b>Castle Rock</b>	45	KWHD-DT	QG from ch 46 1000kw/188m
Colorado Springs	32	K32EO-D	DR 12.2kw
Cripple Creek	5	K05MD-D	PR<25w, 39-43-13/ 105-14-37
Denver	14	K14NC-D	QG from ch. 44, 100w, 39-43-58/ 105-14-08
Denver	28	KLPD-LD	QR from ch. 16, 15kw, 39-43-46/ 105-14-08
<b>Denver</b>	51	KCEC-DT	NW 900kw/ 233m
<i>Durango</i>	38	K38JD	PG<100w, 37-17-34/ 107-51-41
Fort Collins	47	K47LY-D	NW 10kw, 40-32-47/ 105-11-53 (replacement translator for KRMA- DT)
<i>Gateview</i>	29	K62DP	QR from ch. 62, 150w, 38-17-52/ 107-15-05
<i>Glenwood Springs</i>	39	KHGS-LP	NW 2kw, 39-31-57/ 107-20-30
<i>Grand Junction</i>	30	K30IU	PC>17kw, 38-52-39/ 108-13-36
Grand Junction	38	K38JX-D	PR>5.3kw, 38-52-39/

108-13-36  
 Montrose 28 K28AD-D DR 12.5kw  
**Pueblo** 8 KTSC-DT **PG 22.4kw/720m, 38-44-43/104-51-39**

**Pueblo** 48 KVSNDT **PG>350kw; NW (Univision FC; see notes**

Sterling 31 K31IQ-D

**Connecticut:**  
**Bridgeport** 49 WEDW-DT **PG>91kw**  
**Bridgeport** 49 WEDW-DT **QC from ch. 52 41kw/222m**

*Hartford* 48 WRNT-LP *RA with RTN*  
**Norwich** 9 WEDN-DT **PG>4.2kw**

**Delaware:**  
*Georgetown* 48 W48DP *QG from W69EP, 1kw, 38-42-24/75-24-05*

**Florida:**  
 Alachua 40 W40CQ-D NW 15kw, 29-37-46/82-34-25

**Bradenton** 42 WXPX-DT **PG>257kw/474m**

*Gainesville* 8 WNFT-LP *PG<2.5kw*  
*Gainesville* 26 WGVT-LD *CC from WSSH-LP*  
*Key West* 31 WTVK-LP *PR<500w, 24-34-25/81-44-56*

Matecumbe 43 W43CB-D DG 3kw  
 Matecumbe 57 W57DU-D NW 15kw, 25-32-24/80-28-07

Miami 3 WLMF-LD DR from ch. 53, 300w dismissed, going for ch. 51 instead

Miami 33 WBPB-LD QR from ch. 11, 15kw, 25-59-09/80-11-37; CL from Palm Beach

Miami 51 WLMF-LD DR from ch. 53, 15kw  
 Ocala 43 WOCD-LD NS DCC 15kw, 29-15-34/82-34-05 for ch. 27

Orlando 8 WOFT-LD DR 300w, 29-16-05/82-04-51; CL from Reddick

Orlando 10 WVCI-LD NS DCC 15kw, 28-35-34/81-25-14 for ch. 16

**Orlando** 23 WMFE-DT **NW 950kw/380m**

Orlando 24 WVCI-LD QR from ch. 10, 15kw  
**Orlando** 26 WKMG-DT **PG>944kw**  
 Orlando 28 WZXZ-LD NS DCC 1w, 28-34-51/81-04-32 for ch. 36

**Orlando** 39 WFTV-DT **AF 295kw/411m, 28-16-44/81-01-25 (aux)**

*Palm Beach* 50 WTCN-CA *QG from ch. 43, 27-07-19/80-23-20*

**Tallahassee** 27 WTXL-DT **QC from ch 22, 1000kw/518m**

Tampa 23 WSVT-LD NS DCC 15kw, 27-56-49/82-27-34 for ch. 18

**Tampa** 29 WFTS-DT **PR 1000kw/468m; PG; PC**

*West Palm Beach* 53 WALO-LP *CL changed from Jupiter; CC from WWJV-LP*

**Georgia:**  
 Athens 31 W31DG-D AF 9kw/268m, 33-55-51/83-47-00; replacement translator for WSB-DT

**Augusta** 31 WFXG-DT **QR from ch 51 413kw/384m; QG PR>140w**

Carrollton 13 W13DJ-D  
**Columbus** 11 WTVM-DT **QG from ch. 9, 50kw**  
 Gainesville 46 W46EJ-D AF 5kw/285m, 34-07-32/83-51-32; replacement translator for WSB-DT

**Hawaii:**  
**Honolulu** 38 KALO-DT **NW 155kw/577m**

**Idaho:**  
 Cambridge 11 K11PB-D DG 8w  
 Coeur d'Alene 40 KMNZ-LD PR<1.1kw  
 Fish Creek 26 K36JR-D QR from ch. 36, 78w, 42-36-46/112-00-08

Fish Creek 36 K36JR-D NS DCC 250w, 42-36-59/112-00-08 for K13CO

Malad City 35 K35GW-D DC  
 Pocatello 21 K21JC-D NW 190w, 42-51-58/112-30-48 (KIFI-8)

Rexburg 13 K13UF-D DG 300w  
*Terrace Lakes - Crouch* 47 K67FI *QR from ch. 67*

**Illinois:**  
 Arbury Hills 25 W25DW-D DR 12.5kw; DG  
**Chicago** 27 WCIU-DT **PG<550kw**  
 Danville 31 W31BX-D DC 3.08kw  
**Quincy** 10 WGEM-DT **QC from ch. 54 12.3kw/238m**

**Rockford** 13 WREX-DT **PG>18kw**  
**Rockford** 13 WREX-DT **QC from ch. 54 12.4kw/216m**

**Indiana:**  
 Evansville 36 WTSN-LD DR 3kw, 37-59-01/87-16-13; DG; XR 37-59-13/87-16-11; CC from WYYW-LD

*Evansville* 41 WYYW-LP *XR 37-59-01/87-16-13; XG; PR>14.2kw, 37-59-13/87-16-11; CC from WTSN-LP*

Indianapolis 19 WDNI-LD DG 15kw  
**Indianapolis** 20 WHMB-DT **GA from ch 16 530kw/302m**

**Indianapolis** 25 WRTV-DT **PG>1000kw**  
 Jasper 18 WJTS-LD DC 15kw, 38-22-53/86-52-26

Martinsville 15 WREP-LD DG 200w  
**South Bend** 22 WSBT-DT **QC from ch 30, 266kw/333m**

**Kansas:**  
**Derby** 31 KDCU-DT **PA from ch 46, 1000kw/345m**

**Garden City** 13 KUPK-DT **QC from ch 18, 63kw/262m**

**Hays** 7 KBSH-DT **NW 9.6kw/216m**

Pittsburg 41 K41KX-D DG 15kw, 37-04-34/

Topeka 11 KTWU-DT 94-32-32  
 QC from ch 23,  
 25kw/302m

Topeka 13 WIBW-DT QC from ch 44,  
 23kw/413m

Kentucky:  
 Beattyville 7 WLJC-DT PC>70kw  
 Lexington 40 WTVQ-DT PG>635kw/  
 284m

Louisiana:  
 Baton Rouge 25 WLPB-DT PG<357kw/  
 311m, 30-22-22/  
 91-12-16

Columbia 11 KAQY-DT NW 25kw/  
 544m, 32-05-42/  
 92-10-34

Lafayette 32 KLFT-LD PG>8.3kw; NW  
 New Iberia 50 KLWB-DT XG 30-20-32/  
 91-57-46; increase  
 antenna height 30cm  
 (about a foot)

Opelousas 22 KDCG-LD PR<1.7kw  
 Shreveport 24 KLTS-DT QG from ch. 25,  
 150kw, 32-40-40/  
 93-55-30

Maine:  
 Augusta 10 WCBB-DT QC from ch 17,  
 30kw/304m

Bangor 7 WVII-DT QC from ch 14, 14kw  
 Bangor 31 W31CX NW 70w, 44-45-22/  
 68-47-28

Portland 32 W32CA-D DG 15kw  
 Skowhegan 4 WGCI-LD DR 80w

Maryland:  
 Ocean City 22 WBLP-LP QG from ch. 14, 750w,  
 38-26-37/  
 75-03-15

Salisbury 6 W06CF PR>1kw; PG  
 Salisbury 23 W23DF NW 3.5kw, 38-27-22/  
 75-34-22

Salisbury 47 WMDT-DT QC from ch 53,  
 350kw/  
 307m

Massachusetts:  
 Boston 38 WHDN-LD QR from ch. 26  
 Boston 45 WCEA-LD NS DCC 9kw, 42-19-  
 52/  
 71-04-40 for ch. 58

Norwell 10 WWDP-DT QC from ch 52,  
 5kw/142m, 42-00-  
 38/71  
 -02-42

Michigan:  
 Ann Arbor 19 WPXD-DT PA from ch. 31  
 denied.

Grand Rapids 13 WZZM-DT PG>16.5kw  
 Marquette 17 W17CS-D DG 15kw  
 Muskegon 17 W52DB-D QR from ch. 31  
 Vanderbilt 45 WFUP-DT NS 108kw/  
 324m

Minnesota:  
 Duluth 10 WDIO-DT QC from ch 43,  
 34.6kw/  
 297m

Minneapolis 28 KHVM-LD XG 45-04-05/  
 93-10-29; CL from

Minneapolis 29 WFTC-DT Mankato  
 QG from ch 21 392m,  
 non-DA

Minneapolis 51 WDMI-LD NS DCC 15kw, 45-03-  
 45/  
 93-08-21 for ch. 62

Rochester 10 KTTC-DT QC from ch. 36  
 20kw/381m, 43-34-15/  
 92-25-37

Rochester 51 K51KI-D XG 44-02-28/  
 92-20-25 (modifies  
 permit to move from  
 analog K58GC-58/29)

Mississippi:  
 Meridan (sic) 42 W42DD NW 75w, 32-22-39/  
 88-44-46

Meridian 24 WMDN-DT QC from ch. 26  
 616kw/182m

Meridian 42 W42DD PG<75w, 32-22-39/  
 88-44-46

Oxford 36 WMAV-DT PG<272.5kw

Missouri:  
 Joplin 35 KJPX-LP QC from ch. 47, 50kw,  
 37-03-08/  
 94-23-20

Kansas City 34 WDAF-DT PG>1000kw  
 St. Louis 49 K49FC-CD DG 15kw

Montana:  
 Billings 18 KSVI-DT NW 1000kw/  
 228m

Broadus 3 K03CS-D DC 12w  
 Butte 34 K34II PG>2kw, 46-01-41/  
 112-32-04

Butte 39 K39JC-D PR<625w, 46-01-41/  
 112-32-04

Hardin 22 KHMT-DT NW 1000kw/  
 248m, 45-44-24/  
 108-08-18 (very near,  
 but not on, their  
 analog tower)

Hysham 8, K11OS-D, DR 21w, 46-14-26/  
 13 K13PO-D 107-19-34; DG

Joplin 51 K51KO-D DR 1.17kw, 48-51-17/  
 111-08-29

Lewistown 45 K45CS-D DG 274w  
 Pablo 27 KSKC-LD QG from ch. 46, 6.6kw  
 Polson 50 K50LB-D DG 100w

Nebraska:  
 Alliance 13 KTNE-DT QC from ch 24,  
 27kw/466m

Bassett 7 KMNE-DT QC from ch 15,  
 27kw/453m

Grand Island 16 KTVG-DT QR from ch 19  
 1000kw/186m

Lincoln 12 KUON-DT PG>75kw  
 Merriman 12 KRNE-DT QC from ch 17,  
 75kw/322m

North Platte 2 KNOP-DT NW 6.75kw/  
 196m

North Platte 9 KPNE-DT QC from ch 16,  
 85kw/334m

North Platte 50 K50JI NW 80w, 41-08-01/  
 100-47-13

Nevada:  
 Battle Mountain 11, K11IY, PR<102w, 40-37-05/  
 13 K13JD 116-41-21

Hawthorne 20, K20FR-D, DG 564/  
 30, K30FS-D, 577/

	33, K33GZ-D,	240/
	48, K48GG-,	661/
	50 K50AI-D	661w
Las Vegas	17 KEEN-CD	DG 4.1kw, 36-00-36/ 115-00-20
<b>Las Vegas</b>	<b>22 KVMY-DT</b>	<b>NW 1000kw/ 383m</b>
Logandale	14 K14ND-D	DG from K07IJ, 1.8kw, 36-41-09/ 114-31-10
Lovelock	18, K18DP-D, 24, K24FF-D, 30 K30DS-D	DR 1.2kw; DG
Moapa	18 K18IP-D	DG from K09IT, 1.8kw, 36-41-09/ 114-31-10
Overton	20 K20JV-D	DG 1.8kw, 36-41-09/ 114-31-10 from K11JL
Overton	38 K38LA-D	QG from K38IE, 1.8kw, 36-41-09/ 114-31-10
Reno	11 KNVV-LD	QR from ch. 36, 300w
Reno	21 K21JP-D	AF 15kw, 39-18-57/ 119-53-02, replacement translator for KRXI
<b>Reno</b>	<b>26 KREN-DT</b>	<b>NW 1000kw/ 896m</b>
Reno	36 KNVV-LD	NS DCC 300w, 39-18- 38/ 119-53-01 for ch. 41
<i>Round Mountain</i>	<i>25, K55HQ, 31, K63FP, 27, K58FM, 29 K61GL</i>	<i>QR from chs. 24, 39, 18, and 27, 300w</i>
<i>Stateline</i>	<i>31 K31KH</i>	<i>QG from K59GM</i>
<b>New Hampshire:</b>		
<b>Durham</b>	<b>11 WENH-DT</b>	<b>QC from ch. 57 15.8kw/302m</b>
<b>New Jersey:</b>		
<i>Edison</i>	<i>39 WDVb-CA</i>	<i>QR from ch. 23, 10kw, 40-34-17/ 74-20-47; QG</i>
<b>Vineland</b>	<b>29 WUVP-DT</b>	<b>PG 335kw/ 398m</b>
<b>New Mexico:</b>		
<i>Albuquerque</i>	<i>25 KQDF-LP</i>	<i>PG&gt;150kw, 35-12-50/ 106-27-01</i>
<b>Farmington</b>	<b>12 KOBf-DT</b>	<b>QC from ch 17, 30kw/125m</b>
Fort Sumner	21 K21IM-D	NW 15kw, 34-28-35/ 104-21-24
<i>Hobbs</i>	<i>45 K45JA</i>	<i>PG&gt;100w, 32-26-11/ 103-09-17; PC</i>
Las Cruces	41 K41KY-D	NS DCC 250w, 32-16- 41/ 106-54-36 for K57BV
Las Vegas	20 K20GQ-D	DR 236w
Raton	40 K40DI-D	DR 230w
<b>Roswell</b>	<b>27 KRPV-DT</b>	<b>QC from ch 28, 50kw/122m</b>
Roswell	41 K15FT-D	QR from ch. 15, 6.8kw, 33-21-02/ 104-31-20
<b>New York:</b>		
<b>Corning</b>	<b>48 WYDC-DT</b>	<b>QC from ch 50, 7.6kw/334m</b>
Elmira	28 W21BW-D	DR 760w from ch. 21
<b>Syracuse</b>	<b>15 WSPX-DT</b>	<b>NW 27kw/</b>

	22 WTVU-LD	<b>379m</b> DR 10kw, amendment from 13.5kw
Syracuse	38 W38CY-D	DG 15kw
Syracuse	42 W30AJ-D	QR from ch. 30 (via chs. 46 and 31), 12.3kw
Tupper Lake	25 W25AT-D	DG 165w
<b>North Carolina:</b>		
<b>Asheville</b>	<b>25 WUNF-DT</b>	<b>PG 125kw/ 816m</b>
<b>Charlotte</b>	<b>40 WHKY-DT</b>	<b>AF 18kw/ 167m, 35-17-14/ 80-41-45 (DTS)</b>
<b>Durham</b>	<b>28 WRDC-DT</b>	<b>PG&gt;725kw/ 585m, 35-40-35/ 78-32-08</b>
<b>Greenville</b>	<b>51 WEPX-DT</b>	<b>NW 114kw/ 140m</b>
<b>Hickory</b>	<b>40 WHKY-DT</b>	<b>AF 950kw/ 251m, 35-39-28/ 81-24-24 (DTS)</b>
Jefferson	21 W21CR-D	NW 175w, 36-27-40/ 81-29-19 (WUNC-4)
Lumberton	14 WLPS-LD	NW 15kw, 34-42-01/ 79-06-32, DCC for ch. 7 analog
<b>Raleigh</b>	<b>27 WFLD-DT</b>	<b>PG&gt;725kw</b>
Raleigh	45 WACN-LD	NS DCC 5kw, 35-40- 28/ 78-31-40 for ch. 34
<b>North Dakota:</b>		
Bismarck	43 K43JQ-D	DR 1.6kw
Grand Forks	49 K49FF-D	DG 15kw
<b>Jamestown</b>	<b>7 KJRR-DT</b>	<b>NW 10.6kw/ 135m</b>
<b>Ohio:</b>		
<b>Cleveland</b>	<b>8 WJW-DT</b>	<b>PG&gt;30kw, DA</b>
Columbus	17 WDEM-CD	DC 1.05kw
<i>Dayton</i>	<i>40 WRCX-LP</i>	<i>PC&gt;34kw, 39-43-28/ 84-15-18</i>
Delaware	42 Wxcb-CD	DG 475w, 40-18-47/ 83-03-03
<b>Sandusky</b>	<b>42 WGGN-DT</b>	<b>NW 450kw/ 283m, 41-04-30/ 82-27-05</b>
<b>Steubenville</b>	<b>9 WTOV-DT</b>	<b>PG&gt;23kw</b>
<b>Oklahoma:</b>		
<i>Lawton</i>	<i>43 K43LK</i>	<i>PR&gt;5kw, 34-36-27/ 98-16-26; PG</i>
<b>Muskogee</b>	<b>20 KQCW-DT</b>	<b>NW 550kw/ 252m</b>
<b>Oklahoma City</b>	<b>9 KWTv-DT</b>	<b>QC from ch 39, 40kw/465m, 35-32-58/ 97-29-49</b>
<i>Oklahoma City</i>	<i>21 KTOU-LP</i>	<i>FC to HSN</i>
<i>Oklahoma City</i>	<i>36, KCHM-LP 48 KWDW-LP</i>	<i>Both relay KUOK-DT 35, Univision</i>
Tulsa	32 K32IW-D	NS DCC 4kw, 36-11- 27/ 96-05-32 for K13XU
<b>Tulsa</b>	<b>47 KWHB-DT</b>	<b>QC from ch. 48 50kw/460m</b>
<b>Oregon:</b>		
<i>Astoria</i>	<i>42 K42IR</i>	<i>QG from K50JF, 18kw, 46-17-11/ 123-53-45</i>
Burns	36 K36BA-D	DR 620w; DG



Coos Bay	44 K44FH	PG<5.42kw, 43-23-30/ 124-14-57
Coos Bay	49 K49DM-D	DC 15kw
Cottage Grove	20 K52CV-D	QC from ch. 52, 200w
<b>Eugene</b>	<b>9 KEZI-DT</b>	<b>QC from ch. 44 43.9kw/533m</b>
Eugene	21 K21FS-D	DR 1.1kw; DG
Florence	32, K32HF-D, 35, K35HW- 40, K40IT-D, 43, K43JY-D, 51 K51JB-D	DG from K54DG, K56DL, K58CW, K60DQ, K52DO, 2.5kw
<b>Grants Pass</b>	<b>30 KBLN-DT</b>	<b>NW 2kw/654m</b>
Grants Pass	47 K47GI	PC<4kw
London Springs	27, K27JY-D, 33, K33KD-D, 35, K35JH-D, 43 K43LO-D	DG 12w, 43-38-13/ 123-05-34 from K53FJ, K57GW, K55HE, K59FS (already have permits for analog operations on these channels)
Madras & Culver	26 K26JG-D	NS DCC for K66BC, 1kw
<b>Medford</b>	<b>5 KOBIDT</b>	<b>QC from ch 15, 5.4kw/823m</b>
<b>Medford</b>	<b>12 KDRV-DT</b>	<b>QC from ch. 38 16.9kw/823m, non- DA</b>
Medford	32 K32DY-D	DR 15kw
Medford	44 KDOV-LP	CC from K44IA
Newport	18 K18FR-D	DG 5.4kw
Newport	29 K29AZ	PC>19kw, from no offset to plus
Pacific City	19 K19EI-D	DR 550w; DG
Redmond	25 K25GA-D	DR 1.6kw
Roseburg	25 K25FG	XC 43-14-08/ 123-19-18
Roseburg	51 K51GJ-D	DG
Salem	16 K16HT-D	PG>10kw
<b>Salem</b>	<b>22 KPXG-DT</b>	<b>QC from ch. 4, 745kw/510m</b>
Severance Ranch	14 K14NB-D	NS DCC 15kw, 44-26- 17/ 120-57-14 for K06JN
The Dalles	25 K59EK	QR from ch. 39 (has permit to move from 59 to 39)
<b>Pennsylvania:</b>		
<b>Bethlehem</b>	<b>9 WBPH-DT</b>	<b>PG&gt;89kw</b>
Erie	9 WLEP-LP	PG<100w, 42-02-21/ 80-03-39
Hawley	9 WWPS-LP	QG from ch. 8, 2.25kw, 41-11-32/ 74-45-13; QC
Philadelphia	30 WELL-LD	NS DCC 10kw, 40-02- 19/ 75-14-14 for ch. 45
<b>Philadelphia</b>	<b>34 WCAU-DT</b>	<b>PG&gt;700kw/ 400m</b>
Pittsburgh	16 WBGD-LD	DR 15kw, 40-26-46/ 79-57-51
Pittsburgh	22 W22DP-D	AF 9.25kw, 40-26-46/ 79-57-51; replacement translator for WTAE- DT 51
Pittsburgh	26 W61CC-D	DR 2.85kw
<b>Scranton</b>	<b>50 WNEP-DT</b>	<b>GA from ch 49 QR, 500kw/ 517m, 41-10- 57/ 75-52-15; QG</b>
State College	27 WHVL-LD	DC from ch. 29, 15kw

**South Carolina:**

<b>Charleston</b>	<b>7 WITV-DT</b>	<b>PG&gt;20kw</b>
Charleston	18 WLCN-CD	DR 15kw, 33-01-24/ 80-07-23
<b>Columbia</b>	<b>10 WIS-DT</b>	<b>PR&gt;57kw/ 481m; PG</b>
<b>South Dakota:</b>		
<b>Rapid City</b>	<b>7 KEVN-DT</b>	<b>PR&gt;43.5kw; PG</b>
<b>Tennessee:</b>		
<b>Chattanooga</b>	<b>9 WTVC-DT</b>	<b>AF 33.8kw/ 306m (aux)</b>
<b>Chattanooga</b>	<b>12 WDEF-DT</b>	<b>QC from ch 47, 26kw/384m</b>
Memphis	21 WDNM-LD	DG from ch. 19, 15kw, 35-06-44/ 89-53-31
<b>Nashville</b>	<b>27 WKRN-DT</b>	<b>PG&gt;1000kw</b>
South East Memphis	14 WFBI-LD	QR from ch. 33, 35- 12-34/ 89-49-01
<b>Texas:</b>		
Amarillo	20 KDAX-LD	NS DCC 15kw, 35-18- 55/ 101-50-03 for ch. 13
Amarillo	61 KEAM-LP	PR<12kw, 35-20-33/ 101-49-22
Arlington	6 KBFW-LD	DG 300w
Austin	17 KVAT-LD	DR 2kw, CL from Garfield; DG
Austin	19 KGBS-LD	NS DCC 15kw, 30-19- 10/ 97-48-06 for ch. 32
<b>Beaumont</b>	<b>21 KFDM-DT</b>	<b>PC&gt;74kw</b>
Beaumont	43 KUIL-LD	NS DCC 15kw, 30-00- 06/ 94-05-37 for ch. 64
Big Spring	54 K54JQ	PG<9.9kw, from minus offset to plus
<b>Bryan</b>	<b>29 KYLE-DT</b>	<b>PA from ch. 28 50kw/220m.</b>
<b>Bryan</b>	<b>50 KBTX-DT</b>	<b>NW 1000kw/ 507m</b>
Clear Lake City	31 KJIB-LD	DR from ch. 29, 15kw
Denison	29 KHFW-LD	DR 12kw, 33-32-08/ 96-49-54
Denison	50 K50LF-D	NS DCC 15kw, 33-51- 57/ 96-30-47 for K59IM
Forbes / Jasper City	59 K59IL	PR<1.7kw, 30-25-49/ 93-58-49; from zero offset to none
<b>Fort Worth</b>	<b>11 KTVT</b>	<b>NW 122.6kw/ 482m (aux)</b>
<b>Fort Worth</b>	<b>19 KTXA-DT</b>	<b>QG from ch 18 1000kw/500m, 32-34- 43/ 96-57-12</b>
Gainesville	2 KSFV-LD	DR 300w, 33-32-08/ 96-49-54
Gainesville	33 KPFW-LP	QR from ch. 61, 9kw
Jasper	54 K54JK	PC>15.9kw, 30-58-31/ 93-59-24
<b>Laredo</b>	<b>19 KLDO-DT</b>	<b>PR&gt;50kw/132</b>
Lubbock	46 KXTQ-CD	DG 15kw
Lufkin	14 KIBN-LP	PR>16kw
Mullin	51 KAXW-LD	DG from ch. 61, 15kw, 31-26-41/ 97-23-41
<b>Rio Grande City</b>	<b>40 KTLM-DT</b>	<b>QR from ch 20</b>

		355kw/577m, 26-31-01/ 98-39-07; QG
San Angelo	11 KLST-DT	NW 18.8kw/ 434m
San Angelo	16 KSAN-DT	NW 1000kw/ 160m
San Antonio	48 WOAI-DT	NW 460kw/ 329m (aux)
Sherman	12 KXII-DT	QC from ch 20, 36kw/546m
Uvalde	47 K47J	XG 29-37-11/ 99-02-56
Victoria	25 KXTS-LD	DR from ch. 41, 15kw, 28-50-42/ 97-07-33
Waco	10 KWTX-DT	QC from ch 53, 26kw/555m
Waco	25 KWKT-DT	PA from ch. 44 dismissed ROA.
Waco	44 KWKT-DT	PG>135kw
Wichita Falls	15 KJTL-DT	NW 1000kw/ 263m
Wichita Falls	28 KFDX-DT	NW 1000kw/ 269m
<b>Utah:</b>		
Alton	34 K34FO-D	DC 38w
Hatch	38 K38GQ-D	DC 50w, 37-40-36/ 112-22-20
Long Valley Junction	44, K44FU-D, 50 K50GD-D	DC 15w/30w
Ogden	10 KULX-LD	DC from ch. 51, 240w, 40-39-34/ 112-12-05
Ogden	25 KSVN-LD	NS DCC 14kw, 40-39- 35/ 112-12-05 for ch. 49
Orderville Park City	30 K30CP-D 25, K25DL-D, 29, K29II-D, 33, K33FY-D, 39 K39HP-D	DC 38w DR 77w
St. George	29 KDLO-LD	NS DCC 15kw, 37-03- 49/ 113-34-29 for ch. 30
Summit Co.	17 K17DG-D	DR 244w
<b>Vermont:</b>		
Burlington	22 WCAX-DT	QC from ch 53, 443kw
Monkton	25 W25BT-D	DG 369w
<b>Virginia:</b>		
Charlottesville	19 WCAV-DT	PG>155kw; NW, 50kw
Front Royal	21 WVPY-DT	PG>100kw
Norfolk	28 W28DM-D	NS DCC 15kw, 36-46- 32/ 76-23-11
<b>Washington:</b>		
Grays River	31 K31IR-D	DR 800w from K59BX, 800w; DG
Kennewick	44 KVEW-DT	PG 160kw/ 404m
Longview	36 KEVE-LD	PG<7kw, 45-31-21/ 122-44-45
Richland	38 KTNW-DT	PR 45.1kw/ 369m; PG
Walla Walla	31 K28FT-D	QR from ch. 28, 5.4kw
Wenatchee	34 K34EM-D	DG 15kw
Yakima	16 KNDO-DT	NW 150kw/

Yakima- Toppenish	58 K58DL	266m FC; sold to 3Abn
<b>West Virginia:</b>		
Clarksburg	12 WBOY-DT	QC from ch 52, 12.25kw/262m
Huntington	13 WOWK-DT	QC from ch 47, 12.5kw/414m
Huntington	23 WSAZ-DT	PG>1000kw/ 390m
Wheeling	7 WTRF-DT	QC from ch 32, 25.4kw
<b>Wisconsin:</b>		
Chippewa Falls	49 WEUX-DT	PG>1000kw/ 223m
Columbus	30 W30IE-D	AF 5kw, 43-20-40/ 89-06-10 replacement xltr for WWAZ-DT
Eau Claire	13 WEAU-DT	PG>26kw; QC from ch. 39, 22.9kw/611m
La Crosse	8 WKBT-DT	QC from ch 41, 20.3kw/465m
La Crosse	48 WXOW-DT	QG from ch 14 371kw
Madison	49 WMSN-DT	QR from ch 11 280kw/469m; QG
Milwaukee	8 WMVS-DT	PR>33kw
Milwaukee	35 WMVT-DT	PR>625kw; PG
Park Falls	36 WLEF-DT	QC from ch. 47 50kw/445m
Ripon	15 W15CU-D	AF 7kw, 43-47-31/ 88-52-54 replacement xltr for WWAZ-DT
Wausau	7 WSAW-DT	QC from ch 40, 16.9kw/373m
Wausau	9 WAOW-DT	QC from ch. 29 16.6kw/368m
Wittenberg	31 WFXS-DT	NW 685kw/ 325m
<b>Wyoming:</b>		
Glendo	21 K58GQ	QC from ch. 58, 42- 20-44/ 105-01-54
Jackson	29 K29HG-D	DC from K59DY, 128w
Jackson	36 K36JD-D	NW 12.5kw, 43-27-43/ 110-45-12 (KIFI-8)
Lander	16 K16HY-D	AF 120w, 42-54-21/ 108-42-19; replacement translator for KCWC-DT 8
Laramie	8 KWYP-DT	NW 13kw/ 308m, 41-18-35/ 105-27-19 (replaces analog facility on same channel.)
Rawlins	9 KFNR-DT	NW 978w/51m
Rawlins	51 K51IZ-D	DC 230w from K56AV
Sheridan	7 KSWY	FC; sold to JCTV (religious music videos & other youth programming)
Thermopolis	16 K16HX-D	AF 90w, 43-39-08/ 108-15-05; replacement translator for KCWC-DT 8

Thanks to Joel Nelson and Glenn Hauser for information appearing elsewhere in this column.

DTS = Distributed Transmission System, where a single

station operates multiple transmitters on the same channel. The FCC lists only one city-of-license for all transmitters, but I'm listing them above by the city each individual transmitter is intended to serve.

We may be seeing MANY Canadian stations disappear in the next year – and not by flash-cutting to digital. Included in the list are two common Ontario Es targets CJOH-TV-6 (ch. 6) Deseronto and CKCO-TV-2 (ch. 2) Warton. A common Manitoba skip target – CKX-TV (ch. 5) Brandon – is also at risk.

CTVGlobemedia in Canada has filed a short-term renewal application for their stations. For some of their stations. They have indicated they have no intention of renewing the licences of three main stations and 45 relay transmitters.

The three main stations that will not be renewed are the "A" stations in Windsor and Wingham, Ontario (CHWI-16 and CKNX-8) and CBC-affiliated CKX-TV.

The two Ontario stations will simply leave the air. The application indicated Windsor and Wingham viewers wishing to see "A" programming will have to subscribe to a cable/satellite system that carries CFPL-10 London. In the past common practice had been to close the studios of economically-challenged stations and use their transmitters to relay some other co-owned station. However, CTV has made it clear their intention is to shut down these transmitters altogether.

CKX is likely to do the same; however, the station is for sale, and it's possible someone will buy it and keep it in service. The application indicates CTV offered to sell the station to the CBC for \$1, but the Corporation indicated they couldn't afford to operate the station and convert it to digital. (even though again, the station would likely be converted to a high-power relay, eliminating the cost of maintaining a studio.)

For what it's worth, the application cites a cost of \$437million to convert all CTV over-the-air transmitters to digital.

Four additional stations which currently carry some locally - originated programs will be converted to 100% relayers of other stations. These are CKCO-TV-3 Oil Springs (Sarnia), Ontario; CFRN-TV-3 Whitecourt, Alberta; CFRN-TV-4 Ashmont, Alberta; and CFRN-TV-6 Red Deer, Alberta.

The 45 relay stations that are to go dark – those of high power in **boldface**:

#### ALBERTA:

- *CFRN-3* relayers in Athabasca, Loughheed, and Rocky Mountain House.
- *CFCN-4* relayers in Bassano, Burmis, Coleman, Drumheller\*, Oyen, Pigeon Mountain, Waterton Park, and the B.C. communities of Mount

Goldie, Moyie, and Sparwood.

\* the low-powered channel 10 relay in Drumheller will be closed. Another, higher-powered relay on channel 12 will remain in operation.

#### MANITOBA:

- *CKY-7* relayers in Flin Flon, Snow Lake, The Pas, and Thompson.
- *CKX-5* relayers in **Foxwarren, McCreary**, (both ch. 11) and Melita. And CKX itself.

#### NEW BRUNSWICK:

- *CKCW-2* relayers in Campbellton and **Upsalquitch** (ch. 12).

#### NOVA SCOTIA:

- *CJCH-5* relay in Bridgetown.
- *CJCB-4* relay in New Glasgow.

#### ONTARIO:

- *CFTO-9* relayers in **Bobcaygeon** (ch. 54) and **Orillia**. (ch. 21)
- *CITO-3* relayers in Chappleau, Hearst, Kapuskasing, and **Kearns** (ch. 11).
- *CJOH-6* relayers in **Cornwall**, (ch. 8) **Deseronto**, (ch. 6) and **Pembroke**. (ch. 47)
- *CICI-5* relay in **Elliot Lake** (ch. 3).
- *CKNY-10* relay in **Huntsville**. (ch. 11)
- *CKVR-3* relay in Parry Sound.
- *CHBX-2* relay in **Wawa**. (ch. 7)
- *CKCO-13* relay in **Warton**. (ch. 2)
- *CHWI-16* relay in Windsor. (and of course CHWI itself)

#### PRINCE EDWARD ISLAND:

- *CKCW-2* relay in St. Edward.

#### SASKATCHEWAN:

- *CIPA-9* relay in Big River.
- *CKCK-2* relay in Fort Qu'Appelle.
- *CICC-10* relay in Hudson Bay.
- *CIWH-12* relay in Humboldt.

It remains to be seen if these closures will actually happen. The CRTC is overhauling the regulations applicable to over-the-air TV in Canada. Stations are trying to get restrictions relaxed, and to get the CRTC to order cable and satellite operators required to pay carriage fees to over-the-air stations. It is possible this is a negotiating ploy. On the other hand, it's possible it could actually happen...

In a more or less related area, CHCH-11 Hamilton and its relayers are also threatening to shut down completely this year. An employee group is offering to buy and operate the station contingent on concessions from the government.

The relay stations, all in Ontario:

**London**, (ch. 51) **Muskoka**, (ch. 67) North Bay, **Ottawa**

(ch. 11), Sault Ste. Marie, Sudbury, and Timmins.

Now, back to the U.S.:

When the FCC first authorized digital operation by LPTVs and translators, they speculated on the use of a single digital translator to relay several stations. While we've seen spotty reports of digital translators relaying multiple related stations, this month we have the first translator I'm aware of relaying unrelated stations.

Joel Nelson forwarded information on K31IQ-D, Sterling, Colorado. This translator is relaying KBDI-12, KTVD-20, KDVR-31, and KWGN-2 on four subchannels. For some reason, this translator is using major channel 51. (I.e., KBDI is coming up as 51-1, KTVD as 51-2, etc...) There are seven analog translators authorized in Sterling but K31IQ is the only digital operation.

As I understand it, K31IQ could legally use the major channel numbers of the stations being relayed. They could use 12-1 for their relay of KBDI, 20-1 for their relay of KTVD, 31-1 for their relay of KDVR, and 2-1 for their relay of KWGN.

We now have a third distributed transmission system (DTS) and the first outside Pennsylvania.. WHKY-DT Hickory, NC has filed to convert their existing single-transmitter system to a two-transmitter DTS.

The main transmitter (which seems to be located in the city of Hickory) would be replaced by a more powerful rig located a few miles southwest of the city. It would be supplanted by a second, less-powerful transmitter a few miles east of Charlotte on the WTVI-42 tower.

As expected, WSTE-7 in Puerto Rico has also filed for a DTS.

WYLE-26 Florence, Alabama has lost their license and their permit for a DTV on channel 20. FCC found they failed to operate between February 7<sup>th</sup>, 2007 and February 8<sup>th</sup>, 2008. The station did broadcast a test pattern for 24 hours on February 3<sup>rd</sup>, 2008, but the FCC held that didn't constitute "broadcasting". A 2006 amendment to the Communications Act requires the revocation of the license of any station that remains off the air for over a year. I do expect an appeal.

KDCU-DT in Kansas wants to buy the channel 31 DTV facilities of KSCW Wichita. KSCW is moving to DTV channel 19. Buying the existing facilities would get KDCU on the air faster – and would allow a significant power increase.

WPXD-DT Ann Arbor, Mich. has had its application to move from channel 31 to channel 19 denied. Canada objected; the proposed facility would interfere with their "checklist" facilities for CKXT-DT-2, on the same channel in London, Ontario.

Note a new full-power DTV-only station on the air on channel 48 in Pueblo, Colorado. KVSN-DT 48 is believed to be a Univision affiliate.

Note also that antenna heights above average terrain are reported for WSB-DT's new translators in Athens and Gainesville, Georgia. HAATs are almost never reported for translators and LPTVs, although you can calculate them on the FCC's website. Indeed, I don't recall ever seeing a HAAT for a TV translator. (they do occasionally appear for FM translators)

The recent economic downturn has certainly affected behind-the-scenes operations at many (most!) TV stations. Contributions to retirement plans are being suspended; overtime and maintenance expenditures are being slashed; and of course, thousands of layoffs.

Until now, the technical parameters of stations' transmitters have not been affected.

Two co-owned DTV stations in central Texas have decided not to go ahead with plans to move to better channels.

KWKT-44 in Waco is operating on DTV channel 57. They have a permit to move their DTV operation to their analog channel (and antenna) with 135kw.

KWKT had filed a proposal to move to DTV channel 25, which is being abandoned by Waco station KXXV's analog signal. (KXXV-DT is on, and will remain on, ch. 26)

This proposal has been withdrawn, due to the large capital expenditure necessary to change channels. KWKT would not reuse the KXXV analog antenna; they'd have to buy a new ch. 25 antenna, swap out antennas on their tower, and replace the transmitter.

The other affected station is KYLE-28 Bryan. This station's proposal to remain on interim DTV channel 29 with 1000kw had already been approved. (the station had been slated to return to their analog channel with 50kw)

KYLE has asked the FCC to reassign channel 28, abandoning the channel 29 permit. The same reason was cited: poor economic conditions.

WSPA-7 (and DTV 53) Spartanburg, South Carolina is on reduced power after an ice-induced tower collapse. The station had a backup tower – but the main tower collapsed across the base of the backup and brought it down too.

Good (DTV?) DX!



# FM NEWS

From WTFDA.info and w9wi.com



BILL HALE, 6124 ROARING SPRINGS DR, N. RICHLAND HILLS TX 76180

FMnews@wtfda.org

APRIL 2009

## INDEX OF ABBREVIATIONS

APP application	PTA Program Test Authority (station has been given authority to begin testing)
APP Mod Change to an already submitted application	STA Special Temporary Authority
AUX auxiliary facilities (backup)	ROA (at the) request of applicant
CL city of license (change to or from)	XL Transmitter Location
Class FM license class	
CP construction permit (authority to broadcast with facilities noted)	AS American Samoa
CP Mod change to an already granted CP	GU Guam
DA directional antenna	NMI Northern Mariana Islands
FC frequency change (to or from)	VI Virgin Islands
LC License to Cover (station has ended testing and has been given authority to begin operation)	
NDA non-directional antenna	Note: antenna heights are HAAT except where noted

### --- CANADA ---

#### - CALL LETTER CHANGES -

<u>Old Call</u>	<u>New Call</u>
No changes to report	

#### - FORMAT and SLOGAN CHANGES -

BC Chilliwack	89.5	CHWK	> Classic Rock: <i>89.5 The Hawk</i>
ON Thunder Bay	105.3	CKTG	> Now carries the syndicated <i>Bob and Tom Show</i> at 4 PM
QC Amqui	99.9	CFVM	> AC: <i>Rock Detente</i>
QC Port Cartier	99.1	CIPC	> CHR: <i>FM 99 un</i>

#### --TECHNICAL CHANGES --

AB Calgary	99.1	CBR-1	Power decrease granted to 7000 watts (max), but will increase antenna height
AB Pincher Creek	92.7	CJPV	New station is on the air with Country: <i>Mountain Radio II</i> CJPR 94.5 Blairmore
BC Big White Mountain	93.1	VF2329	Antenna height to 601 m
BC Chilliwack	89.5	CHWK	New station is on the air with Active Rock: <i>The Hawk</i>
BC Revelstoke	106.1	CKCR(FM)	800 watts; AM-to-FM move granted
NS Bedford	99.3	CHSB	New station is on the air with Christian: <i>Hilltop FM</i>
NS Bon Accord	91.7	CBAF-21	Power decrease granted to 60.2 kw (max), but will increase antenna height
NS Bon Accord	103.3	CBZC	Power increase granted to 38.5 kw (max) and will increase antenna height
NS Eastern Passage	105.9	CFEP	Is now on here, moving from 94.7
NS Truro	98.5	CINU	Power decrease granted to 30 watts, but will increase antenna height
ON Little Current	100.7	CFRM-FM	Power increase to 27.5 kw/155 m granted
ON Peterborough	105.1	CKQM-FM	7.5 kw/278 m, 44-19-41/78-17-58
ON Sioux Lookout	97.1	CKDR-1	Power decrease granted to 166 watts, but will increase antenna height
QC Saint Jerome	101.1	CFND	Power increase granted to 49 watts and increase antenna height
QC Saguenay	105.5	CKGS	New station is on the air with Active Rock (French)

#### --TECHNICAL CHANGES --

#### - GRANTS FOR NEW STATIONS -

<u>CP granted for:</u>			
BC Nelson	92.5	VF2538	13 watts/-48 m; will relay VOAR-1210
BC Cherryville	94.7	NEW	11 watts; Christian; will relay VOAR-1210
BC Salmon Arm	101.3	NEW	50 watts; Christian; will relay VOAR-1210
BC Sicamous	89.9	NEW	32 watts; Travel Information
BC Spences Bridge	97.5	VF2539	48 watts-V/-244 m
BC Terrace	?	VF2535	50 watts-V/-37 m; will relay VOAR-1210; frequency not listed
BC Whistler	101.5	NEW	1.87 kw/-244, 50-04-45/123-01-00; Hot AC

#### --TECHNICAL CHANGES --

#### - APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

<u>Applies:</u>			
AB Fort Vermillion	97.9	CIAM-FM-11	To move to 98.5 MHz
NS Parrsboro	99.1	CICR-FM	500 w/24 m
NS Truro	98.5	CINU-FM	For FC to 106.3
ON Peterborough	96.7	NEW	For 7 kw/233 m + relocation
ON Woodstock	104.7	CIHR-FM	For an increase in power to 20 kw

QC	Joliette	103.5	CJLM-FM	For a power increase to 4.5 kw
QC	Longueuil	103.3	CHAA-FM	To increase power to 1.545 kw
QC	Pikogan	100.1	CKAG-FM	For an increase in power to 3.738 kw, an increase in antenna height to 38 m, and to relocate the transmitter site
QC	Quebec	90.3	CKJF-FM	100 w; FC to 106.9
QC	Saint-Hilarion	96.3	CIHO-FM	To convert commercial station to community station
QC	Sainte-Marie de Beauce	101.3	CHEQ-FM	For 100 kw/98 m; FC to 101.5
QC	Sherbrooke	104.5	CKOY-FM	For 50 kw/190m, 45-22-25/71-54-54

**--TECHNICAL CHANGES --  
- PROPOSALS FOR NEW STATIONS -**

				<u>Applies for:</u>
AB	Edmonton	95.7	NEW	100 kw/251 m; previously approved but required to seek different frequency
NS	Halifax	99.1	NEW	35 kw/119 m; blues
NS	Halifax	105.1	NEW	(2 Applicants) 45 kw/224 m
NS	Liverpool	99.3	NEW	50 w/60 m; community
NS	Truro	106.1	NEW	5 w/19 m; community
QC	Alma	97.7	CFGT(FM)	CFGT-1270 has applied to move here with 50 kw at 77.6 metres.
QC	Camp Sarcelle	xx.x	NEW	Facilities not listed; would relay CFQR-FM, CBF-FM, CKOI-FM, and CITE-FM
QC	Levis	104.1	NEW	173 w/14 m; French community station
QC	Levis	105.7	NEW	170 w/121 m; jazz & blues
QC	Quebec	105.3	NEW	5 kw/460 m; easy listening
QC	Quebec	105.7	NEW	5 kw/460 m; English contemporary EZL

**--- UNITED STATES AND TERRITORIES ---  
FULL POWER and LPFM STATIONS**

**-- CALL LETTER CHANGES --**

		<u>Old Call</u>	<u>New Call</u>	NY	South Bristol Township			
AK	Juneau	88.9	NEW	KNGW	107.3	WCRR	WROO	
AZ	Wilton	95.9	NEW	KUKY	NY	Tupper Lake	88.3	NEW
AR	Fouke	104.3	KLMZ	KPOS	NC	Semora	106.7	WKVE
CA	Esparto	97.9	KTTA	KLMG	OH	Bowling Green	89.7	NEW
CA	Jackson	94.3	KLMG	KTTA	.			
CA	Madera	107.1	KXOB	KHIT-FM	OH	Bowling Green	89.7	WSFK
CA	San Diego	97.3	KSON-FM	KSON	OH	Greenville	91.9	NEW
CA	Tehachapi	88.7	KYLU	KBLV	OH	Waynesville	89.3	NEW
CO	Broomfield	92.5	KWLI	KWOF	OK	Altus	89.3	NEW
CO	Longmont	104.3	KKFN-FM	KKFN	OK	Fairview	90.3	KJLJ
FL	Beverly Beach	92.7	WROO	WBHQ	OK	Hammon	89.9	NEW
GA	Fayetteville	97.5	WPZE	WUMJ	OK	Sand Springs	102.3	KKCM
GA	Mableton	102.5	WAMJ	WPZE	OR	Madras	102.5	KHJA-LP
GA	Roswell	107.5	WJZZ	WAMJ	PA	Chambersburg	93.3	WROG
GA	Toombsboro	91.9	NEW	WZZG	PA	Connellsville	88.7	NEW
IL	Paris	98.5	WINH	WIBQ	PA	Farmington Township		
IN	Clifford	89.9	NEW	WISG			105.1	NEW
IN	Rushville	91.9	NEW	WMUI	PA	Waynesboro	101.5	WFYN
IA	Chariton	105.3	KELR-FM	KEDB	PA	Waynesburg	103.1	WANB
IA	Coggon	88.7	NEW	KUBU	SC	Briarcliffe Acres	107.1	WQSD
KS	Coldwater	90.3	NEW	KNJT	SC	Isle of Palms	95.9	WIOP
KS	Columbus	107.1	KJML	KBZI	TN	Sunbright	91.5	NEW
KS	Great Bend	88.1	NEW	KRTT	TX	Crystal Beach	105.3	KPTI
KS	Scott City	88.5	KHEV	KJLJ	TX	Hudson	96.3	KLJK
KY	Catlettsburg	91.7	WRCV	WCMI-FM	TX	Port Arthur	93.3	KPTY-FM
KY	Hazard	106.1	WYZQ-LP	WRZD-LP	TX	Post	107.3	KPOS
KY	Morganfield	95.3	WEZG	WKVN	UT	Delta	91.9	NEW
LA	Golden Meadow	89.3	NEW	KUHN	UT	Nephi	90.5	NEW
ME	Augusta	101.3	WKCG	WVQM	UT	Park City	91.9	KPCW
ME	Belfast	91.5	NEW	WJVH	UT	Price	91.9	NEW
ME	Lincoln	90.5	NEW	WWLN	UT	Richfield	91.7	NEW
MA	Petersham	91.3	NEW	WNGB	UT	Vernal	91.7	NEW
MD	Cumberland	102.9	WROG	WYPM	VT	Swanton	89.9	NEW
MD	Lexington Park	97.7	WYRX	WMDM	VT	Manchester	91.1	NEW
MO	Deerfield	100.7	KBZI	KIKM	VT	Middlebury	90.1	NEW
MS	New Hebron	91.9	NEW	WSMP	VT	Swanton	89.9	NEW
NV	Crystal	100.1	NEW	KFCP	VA	Colonial Heights	90.1	NEW
NJ	Netcong	89.3	WNJY-FM	WNJY	WA	Aberdeen	94.3	KCFL-LP
NM	Alamo	88.1	NEW	KABR-FM	WA	Friday Harbor	91.9	NEW
NM	Santa Rosa	95.9	KIVA	KKJY	WV	Fayetteville	100.7	WSGD
NY	Acra	90.7	NEW	WGXC	WY	Wamsutter	97.7	KRAN
					WY	Warren AFB	103.3	KHNA

**- FORMAT AND SLOGAN CHANGES -**

AL	Atmore	104.1	WYOK	>	Adult Hits: <i>Jack FM</i>
AL	Marion	102.9	WNPT-FM	>	Adult Hits: <i>Jack FM</i>
AL	Orrville	100.9	WALX	>	Classic Hits: <i>Alex FM</i>
AL	Thomaston	103.9	WTID	>	Country [returns from silent]
AL	York	104.9	WSLY	>	Sports: Fox Sports

AK	Homer	88.9	KMJG	>	Modern Rock
AR	Fort Smith	90.7	KEAF	>	Religious Teaching
CA	Esparto	97.9	KLMG	>	Spanish Top 40: <i>Mega 97 point 9</i>
CA	Jackson	94.3	KTTA	>	Regional Mexican: <i>Ke-Buena</i>
CA	Madera	107.1	KHIT-FM	>	Classic Hits: <i>K-Hit</i>
CA	Los Angeles	97.1	KLSX	>	Top-40: <i>AMP Radio</i>
CO	Wellington	94.3	KMAX-FM	>	Classic Hits
CT	Hartford	102.9	WDRG-FM	>	Oldies
FL	De Funiak Springs	91.3	WAKJ	>	Contemporary Christian
FL	Fort Myers	95.3	WOLZ	>	AC
FL	Jacksonville	102.9	WMXQ	>	Modern Rock: <i>X102 point 9</i>
GA	Brunswick	100.7	WMUV	>	Classic Country
GA	Fayetteville	97.5	WUMJ	>	Urban AC
GA	Hinesville	104.7	WTHG	>	Classic Hits
GA	Pearson	101.9	WPNG	>	CHR
HI	Honolulu	105.9	KPOI-FM	>	Classic Hits
IL	Paris	98.5	WIBQ	>	News/Talk: <i>Terre Haute's News-Talk 98 point 5 WIBQ</i>
IN	Greencastle	94.3	WREB	>	Adult Contemporary
IN	Muncie	91.3	WWHI	>	CHR
IN	Terre Haute	102.7	WBOW-FM	>	Adult Contemporary
IA	Bloomfield	106.9	KDMU	>	Oldies: <i>Kool 106 point 9</i>
KS	Columbus	107.1	KBZI	>	Classic Country: <i>Country Legends 107 point 1</i>
LA	Rayne	106.7	KKOO	>	Classic Country
ME	Augusta	101.3	WVQM	>	Talk // <i>WVOM-103.9</i>
ME	Boothbay Harbor	96.7	WCME	>	Rock // <i>WTOS-105.1</i>
ME	Dover-Foxcroft	103.1	WDME-FM	>	Sports: <i>ESPN The Zone // WZON-620</i>
MI	Belding	90.9	WSLI	>	Contemporary Christian: <i>Smile FM // WKPK</i>
MI	Michigan	88.3	WKPK	>	Contemporary Christian: <i>Smile FM // WSLI</i>
MI	Port Huron	91.9	WORW	>	CHR
MS	Decatur	103.3	WZKR	>	Country: <i>B-103</i>
MS	Frairs Point	98.7	WNEV	>	Black Gospel/Blues
MS	Pascagoula	105.9	WHGO	>	Classic Rock
MO	Hayti	94.9	WGCQ	>	Southern Gospel: <i>God's Country</i>
MT	Fort Benton	95.9	KJCD	>	Adult Contemporary: <i>KJ-95</i>
MT	Frenchtown	101.5	KXGZ	>	Soft AC: <i>The View</i>
NY	Boonville	91.7	WXLB	>	North Country Public Radio // <i>WSLU-89.5 Canton</i>
NY	New York	92.3	WXRK	>	Top 40: <i>92 point 3 Now</i>
NC	Garysburg	90.1	WZRU	>	Contemporary Christian
NC	Norlina	90.5	WZRN	>	Contemporary Christian // <i>WZRU-90.1</i>
ND	Lisbon	106.1	KQLX-FM	>	Talk: <i>106 point 1 Talk</i>
OH	Cincinnati	94.1	WNNF	>	<i>Frequency 94 point 1</i>
OH	Oxford	88.5	WMUB	>	News-Talk: <i>NPR // WVXU-91.7 Cincinnati</i>
OK	Fairview	90.3	KHEV	>	Gospel // <i>KHYM-103.9</i>
OK	Sand Springs	102.3	KRMG-FM	>	News/Talk // <i>KRMG-740</i>
OR	Creswell	95.3	KUJZ	>	Sports // <i>KSCR-1320</i>
OR	Pilot Rock	92.1	KVAN-FM	>	Classic Hits
PA	Girardville	107.9	WQDD-LP	>	Adult Standards
PR	Vieques	106.1	WVIS	>	Spanish (returns from being silent)
SC	Briarcliffe Acres	107.1	WRXZ	>	Rock: <i>Rock 107</i>
TX	Benbrook	107.1	KDXX	>	Spanish Urban: <i>La Que Buena</i>
TX	Benevides	107.7	KXTM	>	Tejano
TX	Brownwood	91.7	KHPU	>	Religious Teaching // <i>KHCB-FM 105.7</i>
TX	Edna	96.1	KIOX-FM	>	Classic Country [returns to the air]
TX	Hondo	105.9	KMFR	>	Classic Rock [returns to the air]
TX	Lewisville	107.9	KESS	>	Spanish Urban: <i>La Kalle</i>
TX	Lovelady	104.3	KHMR	>	Classic Rock.
TX	Lubbock	102.5	KZII	>	<i>102 point 5 Kiss FM</i>
TX	Overton	100.7	KPXI	>	Country: <i>Real Country</i>
TX	Port Arthur	93.3	KPTY	>	Regional Mexican: <i>Que Buena</i>
TX	Seymour	94.3	KSEY-FM	>	Traditional Country
UT	Woodruff	100.7	KYMV	>	CHR
VA	Bedford	106.9	WLEQ	>	Rock: <i>The Planet // WZZU-97.9</i>
WA	Aberdeen	94.3	KGHI-LP	>	Oldies // <i>KYAO-100.9</i>
WI	Soldiers Grove	105.9	WKPO	>	Adult Hits [returns to the air]
WY	Laramie	102.9	KARS-FM	>	Classic Rock

### -TECHNICAL CHANGES -

#### - NOW ON THE AIR -

AL	Holly Pond	96.9	WRSA-FM	100 kw/308 m, 34-29-23/86-37-38; Class C0
AL	Orrville	100.9	WALX	50 kw/150 m, 32-21-40/86-52-28
AL	Pine Level	97.5	WVRV	6 kw/100 m, 31-58-32/85-58-27; Class A
AL	Waverly	88.7	WELL-FM	60 kw-V/129 m, DA, 32-44-11/85-29-54; CL from Dadeville
AK	Homer	89.9	KHGO	3 kw-V/-57 m, 59-42-41/151-19-58; Class A
AK	Wasilla	100.9	KAYO	50 kw/-84 m, 68-38-21/148-59-56; Class C2
AZ	Pinetop	89.5	KRCI	1 kw/343 m, 34-12-22/109-58-34; Class C3
AR	Huntsville	99.5	KAKS	14 kw/135 m, DA, 36-07-37/93-51-57
AR	West Helena	104.1	KIHW-LP	24 w/59 m, 34-31-48/90-36-46
CA	Bayside	91.5	KNHM	500 w/525 m, DA, 40-43-38/123-58-22
CA	McKinleyville	89.3	KNDZ	750 w-V/306 m, DA, 40-49-32/124-00-05; Class C3
CA	Morro Bay	99.7	KXTY	285 w/454 m, DA, 35-21-40/120-39-21
CA	San Diego	103.7	WSCF	26.5 kw/210 m, 32-50-20/117-14-56
CO	Morrison	91.1	KLDV	100 kw/356 m, 39-36-00/105-12-35

CO	South Fork	91.5	KTML	280 w-V/492 m, 37-43-47/106-35-18; Class C3
CO	Walsenburg	89.3	KTAW	500 w-V/115 m, 37-37-39/104-49-17; Class A
FL	Clewiston	91.5	WPSF	700 w-V/118 m, 26-41-27/80-47-18
FL	Green Cove Springs	107.3	WPLA	98 kw/302 m, 30-16-51/81-34-12; CL from Jacksonville
FL	Perry	93.5	WFDZ	6 kw/77 m, 30-08-00/83-35-45; Class A
FL	Windermere	103.1	WLOQ	22 kw/227 m, (to) DA, 28-33-32/81-35-39; CL from Winter Park
GA	Clayton	96.3	WRBN	370 w/395 m, 34-54-24/83-24-56
GA	Patterson	88.1	WNEE	1 w-H/20 kw-V/104m, DA, 33-53-26/83-09-49; Class C3
GA	Port Wentworth	91.9	WLFS	23.5 kw/103 m, 32-09-28/80-59-31
ID	Marsing	89.1	KAWS	8.75 kw-V/668 m, 43-00-25/116-42-13
ID	Rupert	101.7	KUMC-LP	100 w-V/24 m, 42-37-04/113-40-41; FC from 93.3
ID	Sun Valley	91.9	KWRV	100 w/657 m, 43-39-41/114-24-08
IL	Champaign	100.3	WIXY	13 kw/138 m, 40-00-45/88-08-29
IL	Gilman	103.7	WFAV	3.2 kw/138 m, 40-43-04/87-51-36; Class A
IL	Savoy	99.1	WXTT	50 kw/152 m, 40-08-53/87-46-21; CL from Danville
KS	Cimarron	92.9	KMML	32 kw/186 m, 37-56-30/100-18-44
KS	Columbus	107.1	KBZI	11.5 kw/149 m, 37-14-15/94-44-15
KY	Fearsville	91.7	WYJZ	1 kw (adds H)/-8 m, 36-58-13/87-22-12; Class A
LA	Erath	107.9	KRKA	100 kw/263 m, 30-12-06/91-46-37
MD	St. Michaels	94.3	WINX-FM	4.6 kw/110 m, 38-37-49/76-03-25; CL from Cambridge
MI	Belding	90.9	WSLI	2.9 kw-V/30 m, 43-05-12/85-18-59; Class A
MI	Michigamme	88.3	WKPK	15 kw-V/252 m, 46-36-14/87-37-15; Class C2
MN	Bemidji	106.3	KBJI-LP	65 w/37 m, 47-33-21/94-48-04
MN	Fisher	100.3	KSNR	100 kw/172 m, XL to 47-58-38/96-36-42; CL from Thief River Falls
MS	Flora	103.9	WYAB	6 kw/88 m, 32-31-24/90-15-52
MS	Friars Point	98.7	WNEV	6 kw/100 m, 34-21-56/90-38-14; Class A
MO	Hayti	94.9	WGCO	6 kw/67 m, (drops DA), 36-19-06/89-42-01; CL from Ripley, Tennessee
MT	Fort Benton	95.9	KJCD	100 w-H/4 m, 47-50-08/110-39-10; Class A
MT	Libby	88.9	KVRZ	85 w/380 m, 48-29-13/115-47-39; Class A
NM	Roswell	90.1	KRLU	2.4 kw-V/120 m, 33-21-47/104-38-11
NM	Roswell	99.3	KWFL	16.5 kw/133 m, 33-21-47/104-38-11; Class C2 from C3
NY	Boonville	91.7	WXLB	100 w/107 m, 43-26-53/75-20-48; Class A
NY	Canton	89.5	WSLU	40 kw/91 m, DA, 44-32-01/75-05-50 [increases V power to equal H]
NY	Montgomery	88.1	WGMV	1.15 kw/35 m, DA, 41-28-37/74-16-10; Class A
OH	Westerville	97.5	WOBN	29 w-H/20 m, 40-07-28/82-56-06
OK	Piedmont	88.5	KZTH	35 kw/182 m, 35-31-17/98-09-33
OK	Sayre	88.7	KESG	60 kw/78 m, 35-17-36/99-41-52; Class C1
OR	Nyssa	87.7	KARO	85 kw/305 m, 43-25-01/116-50-35
PA	Scranton	104.9	WWRR	270 w/333 m, 41-26-06/75-43-35
PA	Smethport	106.3	WXMT	1.03 kw/240 m, 41-48-30/78-38-12
PA	South Waverly	96.1	WPHD	APP Mod for 1.15 kw/187 m, 41-58-04/76-40-02
SC	Whitmire	90.9	WNBK	1.8 kw/102 m, DA, 34-29-52/81-32-55; Class A
SD	Newell	107.9	KXZT	4.8 kw-H/455 m, 44-19-40/103-50-06
SD	Spearfish	90.7	KOAR	700 w/501 m, 44-19-42/103-50-03
TN	Oliver Springs	106.1	WJZO	190 w/532 m, 36-06-29/84-20-08; Class A
TX	Decatur	91.3	KDKR	40 kw-H/100 kw-V/544 m, DA, 33-23-12/97-33-57
TX	Hondo	105.9	KMFR	6 kw/100 m, XL to 29-18-49/99-15-59
TX	Lovelady	104.3	KHMR	10.6 kw/153 m, 31-11-30/95-29-32; Class C3
TX	Navasota	92.5	KWUP	3.3 kw/136 m, XL to 30-27-58/96-02-57
TX	Nolanville	107.3	KLFX	1.35kw/167 m, 31-05-38/97-34-51
TX	Wheeler	88.3	KLXL	100 w-H/104 m, 35-25-57/100-16-31; Class A
TX	Yorktown	96.3	KGGB	6 kw/100 m, 29-02-43/97-24-23; Class A
VT	Grand Isle	102.3	WLFE-FM	20 kw/111 m, DA, 44-45-53/73-35-16; CL from St. Albans
VA	Edinburg	88.3	WOTC	1 kw/123 m, 38-48-13/78-48-21
WA	Elma	99.3	KDDS-FM	64 kw/742 m, DA, 47-18-46/122-22-15
WA	Lynden	106.5	KWPZ	68 kw/711 m, 48-40-46/122-50-31
WA	Pullman	90.7	KZUU	420 w/30 m, 46-43-51/117-09-42
WV	Bethlehem	105.5	WUKL	13.5 kw/95 m, 40-03-17/80-42-26
WV	Clarksburg	90.1	WCKU	4 kw/215 m, 39-19-09/80-23-31; Class B1
WI	Clearwater Lake	103.5	WCWL-LP	96 w/30 m, 45-51-28/89-11-15
WY	Lyman	104.7	KYLZ	89 kw-H/647 m, 40-52-16/110-59-43; FC from 104.9; CL from Tremonton, Utah

**- TECHNICAL CHANGES -**

**- FCC ACTIONS -**

**CP GRANTED FOR:**

AL	Fort Deposit	102.3	WAMI-FM	100 kw/218 m, XL to 31-39-57/86-43-06; CL from Opp; Class C1 from A
AR	Maricopa	105.5	KLVA	25 kw/100 m, 33-14-30/112-12-06; CL from Casa Grande; Class C3 from C2
AZ	Seligman	103.3	KZKE	7.7 kw/138 m, XL to 35-19-28/112-45-52; Class C3 from A
AR	Corning	93.5	KBKG	12 kw/118 m, XL to 36-21-30/90-45-05; Class A to C3
AR	Huntsville	99.5	KAKS	14 kw/135 m, DA, 36-07-37/93-51-37
CA	Calistoga	89.1	KBBF	420 w/844 m, 38-39-23/122-36-54; CL from Santa Rosa
CA	Camarillo	90.3	KMRO	10.5 kw/281 m, XL to 34-24-40/119-10-28
CA	Camarillo	90.3	KMRO-FM1	2 kw/5 m, DA, 34-15-25/118-38-29
CA	Forestville	100.9	KSXY	2.5 kw/156 m, XL to 38-44-08/122-50-55; CL from Calistoga
CA	Garberville	89.1	KXBC	1.3 kw-V/765 m, DA, 40-07-14/123-41-31; Class C1
CA	Hemet	105.5	KXRS	6 kw/85 m, 34-01-41/116-58-40
CA	Maricopa	94.9	KXTT	6 kw/95 m, 35-05-39/119-27-40
CA	San Francisco	94.9	KYLD	30 kw/369 m, 37-41-22/122-26-10
CA	Taft	106.5	KEAL	6 kw/87 m, 35-05-39/119-27-40
CO	Center	103.5	KPAU	460 w-H (drops V)/8 m, XL to 37-47-20/106-06-43



FL	Key West	88.3	WAZQ	2 kw/31 m, 24-34-20/81-44-25; Class A
FL	Lynn Haven	104.3	WWHV	1.5 kw-H (drops V)/19 m, 30-13-56/85-39-44
FL	Miami	101.5	WLYF	100 kw/248 m, XL to 25-58-00/80-12-43
GA	Tignall	105.3	WSGC-FM	17.48 kw/100 m, 33-59-22/82-46-23; FC from 105.1; CL from Elberton
ID	Caldwell	103.5	KSAS-FM	54 kw/786 m, 43-45-18/116-05-52
ID	Culdesac	98.5	KZID	3.5 kw/129 m, (to) DA, XL to 46-27-47/116-54-25; CL from Orofino
IA	Coggon	88.7	KUBU	5 kw/66 m, DA, 42-27-26/91-34-49; Class A
KS	Manhattan	89.9	KYAH	9 kw/93 m, DA, 39-25-51/96-38-30; Class C3
KY	Burgin	105.9	WKYB	3 kw/141 m, 37-48-49/84-39-28; Class A
KY	Hazard	106.1	WRZD-LP	2 w-H (drops V)/210 m, XL to 37-115-21/83-10-25
ME	Portland	101.9	WPOR	32 kw/186 m, 43-45-33/70-19-15
MI	Chocolay Township	94.9	WUPZ	58 kw/139 m XL to 46-30-52/87-28-37; CL from Crystal Falls; Class C1 from C3
MI	Monroe	97.5	WYDM	49 w/41 m, 41-55-07/83-26-12
MO	Cameron	91.7	WJTJ	28 kw/118 m, DA, 39-57-28/94-06-55; Class C2
NE	Grand Island	91.5	KBTK	1.5 kw/51 m, XL to 40-54-35/98-23-00
NV	Gardnerville-Minden	99.1	KKFT	1.8 kw/611 m, (drops DA), 39-15-34/119-42-21; Class C2 from C3
NV	Overton	106.9	KONV	CP Mod for 100 kw-H/276 m, DA, 36-27-29/114-33-21
NC	La Grange	104.7	WZUP	50 kw/142 m, XL to 35-15-31/77-36-33; Class C3 to C2
OH	Columbus	89.7	WOSU-FM	40 kw/168 m, (to) DA, XL to 40-01-02/83-01-11
OH	Mason	97.7	WOXY	3.5 kw/133 m, XL to 39-20-57-84-12-08; CL from Oxford
OK	Fairview	90.3	KHEV	490 w/185 m, 36-13-25/98-36-07
OR	LaGrande	99.9	KWRL	25 kw/505 m, XL to 45-07-21/117-46-44
OR	Madras	102.5	KGBZ-LP	100 w-H (drops V)/12 m, 44-39-00/121-07-01
SC	Charleston	100.5	WALC	25 kw/84 m, DA, XL to 32-42-00/79-50-10
SC	South Congaree	95.3	WFMV	1.9 kw/80 m, DA, XL to 33-52-34/81-04-28
SC	Whitmire	90.9	WNBK	1.8 kw/102 m, DA, 34-29-52/81-32-55
TN	Powell	94.3	WNFZ	2.95 kw/144 m, XL to 35-57-58/84-04-06; CL from Oak Ridge
TN	Rockwood	105.7	WIHG	CP Mod for 2.4 kw/309 m, DA, XL to 35-53-27/84-52-01; Class A to C3
TX	Dripping Springs	99.9	KDRP-LP	10 w-V (drops H)/92 m, XL to 30-11-27/98-04-17
TX	La Grange	104.9	KBUK	2.05 kw/150 m, 29-52-57/96-51-58
TX	Santa Fe	90.5	KJIC	36 kw/174 m, XL to 29-17-43/95-15-22; Class C2 from C3
WV	Salem	99.9	WVBL-LP	13 w/83 m, XL to 39-15-41/80-34-45
WI	Baldwin	95.7	WDMO	4 kw/87 m, DA, XL to 44-56-33/92-24-59; CL from Durand
WI	Glenmore	97.5	WTRW	6 kw/100 m, XL to 44-24-35/88-00-06; CL from Two Rivers
WI	Kiel	91.3	WSTM	88 w-H/1.1 kw/144 m, XL to 43-43-23/88-03-52
WY	Bar Nunn	92.5	KDAD	5.3 kw/437 m, 42-45-30/106-19-23
WY	Buffalo	96.5	KLGT	100 kw/109 m, 44-34-32/106-52-23; FC from 92.9
WY	Dubois	98.5	KLEP	100w/-364m, 43-32-00/109-37-50
WY	Lovell	107.1	KROW	100 kw/427 m, XL to 44-34-13/108-49-09; Class C0 from C3
WY	Sheridan	89.9	KVLZ	150 w/-42 m, 44-47-54/106-55-51
WY	Wansutter	97.7	KHNA	120 w/16 m, 41-39-56/107-58-11

**- TECHNICAL CHANGES -**

**- AUXILIARY FACILITIES -**

AUX LICENSE ISSUED FOR:

AL	Ashland	100.7	WCKF	1.7 kw/190 m, 33-19-14/85-51-39
CA	Los Angeles	94.7	KTWV	3.25 kw/882 m, 34-13-29/118-03-46
CA	Victorville	103.1	KVFG	140 w/434 m, 34-36-45/117-17-31
FL	Havana	104.9	WHTF	900 w/55 m, 30-29-38/84-13-57
FL	Lafayette	99.9	WEGT	900 w/55 m, 30-29-38/84-13-57
FL	Miami	101.5	WLYF	43 kw/165 m, XL to 25-58-00/80-12-43
FL	Tallahassee	103.1	WAIB	900 w/55 m, 30-29-38/84-13-57
FL	Tallahassee	106.1	WQTL	250 w/55 m, 30-29-38/84-13-57
GA	Gainesville	97.1	WSRV	50 kw/231 m, 33-55-51/83-47-00
GA	Port Wentworth	91.9	WLFS	400 w/55 m, 32-09-17/81-09-55
ID	Caldwell	103.5	KSAS-FM	3.2 kw/777 m, 43-45-18/116-05-52
IL	Champaign	94.5	WLRW	4.2 kw/102 m, 40-07-35/88-17-25
IL	Fairbury	107.7	WYST	5.8 kw/106 m, 40-37-48/88-46-52
LA	Larose	100.3	KLRZ	50 kw/97 m, 29-34-40/90-23-56
LA	New Orleans	99.5	WRNO-FM	9.9 kw/173 m, 29-56-46/90-04-35
LA	New Orleans	101.1	WNOE-FM	10 kw/183 m, 29-58-57/89-57-09
MD	Baltimore	97.9	WIYY	6 kw/230 m, 39-20-05/76-39-03
MD	Baltimore	104.3	WCHH	1.8 kw/169 m, 39-20-10/76-38-59
MD	Westminster	100.7	WZBA	16.5 kw/262 m, DA, 39-36-59/76-51-38
NE	Omaha	100.7	KGBI-FM	11.3 kw/163 m, 41-03-01/96-11-33
NM	Alamogordo	105.3	KZZX	3 kw/-192 m, 32-53-13/105-57-04
NC	Charlotte	107.9	WLNK	38 kw/222 m, 35-17-50/81-06-56
OK	Altus	107.9	KEYB	8.9 kw/91 m, 34-46-15/99-32-20
PA	Markleysburg	89.1	WLOG	1w-V/-5m, 39-44-17/79-27-01
TN	Morrison	105.3	WOWC	850 w/-8 m, 35-40-51/85-46-32
TN	Spencer	107.3	WTRZ	165 w/-8 m, 35-40-51/85-46-32
TX	Cleveland	97.1	KTHT	10 kw/506 m, 30-32-06/95-01-04
TX	Kilgore	96.1	KKTX-FM	10 kw/141 m, 32-22-14/94-56-20
TX	Port Arthur	93.3	KQBU-FM	100 kw/330 m, 30-03-05/94-31-37
WY	Clearmont	104.9	KLQQ	300 w/22 m, 44-47-54/106-55-51

**- TECHNICAL CHANGES -**

**- GRANTS FOR NEW STATIONS -**

CP GRANTED FOR:

AL	Demopolis	88.7	NEW	25 kw/98 m, 32-23-00/87-54-35; Class C3
AK	Fairbanks	90.7	NEW	4 kw-H/506 m, 64-52-49/148-03-08; Class C1
AK	Juneau	91.3	NEW	6 kw/-432 m, 58-23-50/134-33-31; Class A
AZ	Kingman	90.7	NEW	4.5 kw/218 m, DA, 35-10-37/113-39-57; Class C3
AZ	Prescott	90.1	NEW	3 kw/-112 m, DA, 34-32-37/112-27-56; Class A
AZ	Taylor	103.5	NEW	15 kw/255 m, 34-12-22/109-56-32; Class C2
AR	Bismarck	93.5	NEW	11.5 kw/147 m, 34-13-52/93-16-46; Class C3
AR	West Helena	89.9	NEW	4 kw/86 m, DA, 34-31-48/90-36-46; Class A
CO	Log Lane Village	104.5	NEW	25 kw-H/62 m, 40-16-30/103-38-33; Class C3
FL	Eustis	90.3	WIGW	10 w-H//8.25 kw-V/73 m, DA, 28-58-18/81-45-15; Class C3
GA	Greensboro	89.9	NEW	10 kw-V/96 m, DA, 33-32-53/83-04-15; Class C3
GA	Toombsboro	91.9	WZZG	2.3 kw/146 m, 33-04-38/83-08-48; Class A
IL	Harvard	88.9	NEW	7.3 kw-V/52 m, DA, 42-24-30/88-36-32; Class B1
IA	Story City	88.3	NEW	1.9 kw/70 m, DA, 42-13-30/93-33-40; Class A
KS	Lakin	92.5	NEW	51 kw/118 m, 37-57-40/101-19-06; Class C1
KS	Pleasanton	93.7	NEW	25 kw/100 m, 38-14-23/94-56-36; Class C3
LA	White Castle	90.7	NEW	33.5 kw/127 m, DA, 29-57-01/91-13-12; Class C2
ME	Westbrook	100.9	WYNZ	25 kw/93 m, DA, 43-41-26/70-19-05; CL to South Portland
MA	Stockbridge	91.9	NEW	1.7 kw/-17 m, DA, 42-17-55/73-17-28; Class A
MI	Athens	88.9	NEW	1 kw-H//5.9 kw-V/42 m, DA, 42-07-56/85-16-31; Class A
MN	Cass Lake	90.1	NEW	45 kw/92 m, DA, 47-20-01/94-12-35; Class C2
MT	Bozeman	93.7	KOBB-FM	CP Mod for 51 kw/-39 m, XL to 45-36-58/111-05-16
MT	Polson	90.7	NEW	2 kw/40 m, 47-40-37/114-08-33; Class A
MT	Pryor	90.5	NEW	37 kw-V/362 m, 45-11-40/109-20-30; Class C1
NV	Winnemucca	91.1	KDNV	30 kw/1012 m, 40-24-48/117-29-47; Class C3
NJ	Bernardsville	88.9	NEW	1.9 kw-V/79 m, DA, 40-40-26/74-33-06; Class C2
NY	Montgomery	88.1	WGMY	1.15 kw/35 m, DA, 41-28-37/74-16-10; Class A
OH	Lexington	89.5	WFOT	415 w-V/89 m, 40-43-36/82-36-59; Class A
OK	Mooreland	104.5	NEW	100 kw/299 m, 36-36-10/99-25-34; Class C1
PA	Connellsville	88.7	WSVP	54 w-H//2.5 kw-V/235 m, DA, 39-55-40/79-25-06; Class B1
PA	Laporte	91.7	WEVP	270 w/49 m, 41-26-06/76-28-28; Class A
SC	McCormick	91.1	NEW	28 kw-V/107 m, DA, 33-46-28/82-24-36; Class C2
TN	Sunbright	91.5	NEW	100 w-H//16.5 kw-V/141 m, DA, 36-01-00/84-56-00; Class C2
TX	Fort Stockton	88.3	NEW	300 w/8 m, 30-52-00/102-51-54; Class A
TX	Hondo	89.9	NEW	100 w/31 m, 29-22-28/99-08-18; Class A
TX	Trent	92.1	NEW	13 kw/139 m, 32-38-05/100-07-51; Class C3
WA	Friday Harbor	91.9	KSJU	100 w/114 m, DA, 48-33-25/123-01-29; Class A
WA	Goldendale	90.5	NEW	300 w/508 m, DA, 45-42-25/121-05-28; Class C3
WY	Bairoil	94.9	NEW	25 kw/100 m, 42-10-55/107-20-27; Class C3
WY	Cody	101.1	KWHO	5.4 kw/527 m, 44-34-13/108-49-09; Class C2
WY	Crowley	103.3	KBEN-FM	100 kw/427 m, 44-34-13/108-49-09; Class C0
WY	Ranchester	92.7	KHRW	CP Mod for 2.3 kw/346 m, 44-37-20/107-06-57; CL from Wright; Class C2
WY	Warren AFB	103.3	KRAN	CP Mod for 50 kw/71 m, DA, 41-09-34/104-43-19; Class C2
WY	Wheatland	107.5	KPAD	530 w/333 m, 41-49-00/105-03-48; Class A

**- TECHNICAL CHANGES -**

**- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -**

				<u>Applies for:</u>
AL	Camden	90.5	NEW	APP Mod for 40 kw/75 m, DA, 31-49-13/87-19-03
AL	Five Points	88.5	WJBE	3.9 kw-V/61 m, XL to 33-57-54/87-12-57
AL	Montgomery	89.1	WLBF	CP Mod for 100 kw-V (would drop H)/164 m, XL to 32-24-13/86-11-49
AL	Moundville	88.5	NEW	CP Mod for 1 w-H//7 kw-V/73 m, DA, 33-03-57/87-41-58; Class A to C3
AL	Orrville	100.9	WALX	50 kw/150 m, 32-21-40/86-52-28; CL to Valley Grande
AL	Thomaston	103.9	WTID	CP Mod for 6kw/100m, DA, XL to 32-23-27/87-12-05; FC from 97.7; CL to Orrville
AZ	Doney Park	97.9	KZ XK	140 w/610 m, 35-14-26/111-35-51; FC to 98.9
AZ	Vail	98.5	KRDX	APP Mod for 600 w/145 m, 31-55-39/110-37-57; CL to Corona de Tucson [previous APP was for 910 w on 103.7]
CA	Yermo	105.3	KRSX-FM	6 kw/70 m, XL to 34-09-16/116-12-04; CL to Twentynine Palms; Class B1 from A
CO	Arriba	95.9	KMAP	26 kw/150 m, XL to 40-34-57/103-01-56; CL to Fleming
CO	Dove Creek	102.5	KDVC	400w (would add V/383 m, XL to 39-04-01/108-44-39; CL to Loma; Class C2 to A
CA	Georgetown	95.1	KFOK-LP	1 w/351 m, XL to 38-54-47/120-48-50
CO	Stratton	96.7	KGGY	CP Mod for 6.5 kw (would add V)/70 m, 39-20-59/102-35-34; FC to 96.7
CT	Sharon	91.9	WHDD-FM	60 w/143 m, DA, XL to 41-52-00/73-25-03
DC	Washington	90.9	WETA	5 kw/122 m, 38-56-10/77-05-33 (aux)
FL	Fruit Cove	94.1	WSOS-FM	CP Mod for 5.5 kw/154 m, 30-04-08/81-38-50
FL	Hobe Sound	105.5	WOLL	37 kw/147 m, (would drop DA), XL to 47-16-29/80-17-11
FL	Marco	98.9	WGUF	3 kw/100 m, XL to 26-03-10/81-42-11
GA	Augusta	90.7	WACG-FM	APP Mod for 5/6 kw-H (would drop V)/429 m, 33-15-33/82-17-09
GA	Folkston	92.5	WFJO	1.55 kw/200 m, DA, XL to 30-16-24/81-33-13; CL to Jacksonville Beach, Florida
GA	Tallapoosa	88.7	WEYY	CP Mod for 4 kw/22 m, DA, 33-43-53/85-19-00
GA	Thomasville	88.1	WAYT	APP Mod for 17 kw/392 m, 30-40-06/83-58-10
HI	Honolulu	88.1	KHPR	APP Mod for 42 kw/514 m, (to) DA, XL to 21-20-12/157-49-03
IL	Canton	107.9	WCDD	25 kw/82 m, 40-32-41/90-01-16
IL	Macomb	89.7	NEW	CP Mod for 13 kw-V (would drop H)/112 m, 40-26-58/90-42-25; Class A; will supplant W209AL
IL	Rockton	103.1	WGFB	2.4 kw/160 m, 42-22-02/89-05-13
IL	Sheffield	88.7	NEW	APP Mod for 11 kw-V/105 m, DA, 41-36-33/89-40-19

IN	Angole	88.3	WEAX	CP Mod for 570 w/91 m, 41-41-12/84-59-53
IN	Clifford	89.9	WISG	CP Mod for 4 kw/6.3 m, (would drop DA), XL to 39-14-28/85-55-19; FC to 90.3
IN	Wilkinson	89.1	WSMJ	140 w (would add H)/26 m, XL to 39-52-46/85-36-34
KS	Independence	102.9	KIND-FM	19.5 kw/242 m, XL to 36-58-37/95-47-10
KY	Morganfield	88.7	WEUC	3 kw-V/79 m, 37-44-09/87-59-45
ME	Machias	101.1	NEW	CP Mod for 500 w/58 m, 44-44-08/67-30-11; Class B to A
ME	Sanford	88.5	WSEW	1 w-H//3.2 kw-V (would add V)/172 m, (to) DA, XL to 43-25-05/70-48-04; FC to 88.7; Class A to B1
MA	Waltham	102.5	WKLB-FM	14 kw/276 m, 42-18-37/71-14-14
MI	Bear Lake	100.7	WCUZ	CP Mod for 25 kw/100 m, XL to 44-31-56/85-59-47; Class A to C3
MI	Hanover	90.9	WJKZ	APP Mod for 2.45 kw/77 m, 42-09-51/84-54-04; FC to 91.1; CL to Homer [petition for reconsideration]
MI	Monroe	88.1	WDTR	CP Mod for 90 1-H//2.8 kw-V/137 m, DA, 41-57-26/83-13-30
MI	Plymouth	88.1	WSDP	300 w/16 m, XL to 42-20-58/83-29-45
MN	Eden Prairie	105.7	WGVZ	3.8 kw/72 m, 44-53-51/93-24-22 (aux)
MN	Glencoe	96.3	KTTB	APP Mod for 19 kw/77 m, CL to 45-01-24/93-22-53; CL to Edina; Class C1 to C3
NE	Lincoln	88.5	KLCV	CP Mod for 46 kw/382 m, DA, 40-47-10/96-23-10; Class A to C1
NH	Londonderry	102.9	WLLO-LP	100 w/31 m, 42-55-08/71-23-51
NJ	Bridgeton	98.5	WZFI-LP	25 w/58 m, 39-25-30/75-16-16
NM	Des Moines	105.3	KHOD	CP Mod for 2 kw/26 m, XL to 36-54-10/104-26-23; CL to Raton; Class C to A
NM	Tucumcari	90.9	KVIJ	CP Mod for 50 w-H (from V-only)/259 m, XL to 35-08-20/103-41-45
NY	Lindenhurst	89.3	WRMR	CP Mod for 1.775 kw/28 m, DA, XL to 40-37-04/73-19-59; FC to 89.7
NC	Goldsboro	102.3	WKIX	2.6 kw/153 m, 35-34-43/78-26-10, CL to Smithfield
NC	Hickory	89.1	WRYN	CP Mod for 850 w/90 m, XL to 35-41-23/81-25-16
NC	Louisburg	102.5	WKXU	1.5 kw/204 m, 36-06-13/78-57-57, CL to Hillsborough
NC	Roanoke Rapids	88.5	WRTP	24 kw/146 m, 36-17-44/78-06-21; CL to Franklinton
NC	Sanford	105.5	WFJA	550 w/194 m, 35-26-26/79-12-53 (aux)
OH	South Webster	94.9	WEKV	CP Mod for 2.2 kw/140 m, XL to 38-42-30/82-40-15
OR	Banks	107.5	KXJM	71 kw/502 m, 45-30-59/122-43-59
OR	Brookings	91.5	NEW	CP Mod for 430 w/347 m, 42-07-23/124-17-56
OR	Eugene	91.9	KRVM-FM	15 kw-H//6.4 kw-V/276 m, 44-00-07/123-06-47
OR	Hillsboro	96.3	KQRZ-LP	100 w/-8 m, 45-30-27/122-58-02
OR	Newburg	96.3	KQSO-LP	1 w/8 m, 45-21-28/122-59-33; FC to 102.9
OR	Pendleton	104.3	KCUW-LP	CP Mod for 100 w-H/76 m, 45-39-51/118-41-09
OR	Portland	98.7	KUPL-FM	24 kw/502 m, 45-30-58/122-43-59
PA	Markleysburg	89.1	WLOG	3.6 kw (would add H)/69 m, (to) DA, XL to 39-37-31/79-33-43
PA	Sellersville	88.9	WBYO	1 w-H//4.5 kw-V (would add H)/127 m, DA, 40-23-02/75-21-02; Class A to B1
SD	Yankton	91.9	KPCJ	CP Mod for 6 kw/76 m, DA, 42-39-26/96-39-52; CL to Elk Point; Class C3 to A
TX	Idalou	107.7	NEW	APP Mod for 6 kw/146 m, 33-41-41/101-42-32
TN	Lobelville	94.5	WFGZ	APP Mod for 5.1 kw/109 m, 36-04-40/87-01-37; CL to Bellevue
TN	Ooltewah	95.3	WHJK	CP Mod for 3.4 kw/275 m, 35-08-45/85-20-02; CL from Cleveland
TN	Red Bank	91.5	WJBP	410 w/88 m, 34-56-37/85-18-01 (aux)
TX	Galveston	91.1	KYBJ	STA for 700 w/76 m, 29-01-49/95-30-34
TX	Caldwell	91.9	KALD	CP Mod for 19 kw/118 m, 30-35-57/96-38-32; Class A to C2
TX	Longview	105.7	KYKX	APP Mod for 100 kw/456 m, DA, 32-39-30/94-48-32
TX	Palacios	99.7	KROY	100 kw/145 m, 28-42-08/95-56-41; Class C2 to C1
TX	Snyder	91.1	KGWB	55 kw/96 m, XL to 32-45-34/100-54-46; Class A to C1
TX	Sulphur Bluff	99.7	KYZQ	CP Mod for 6 kw/73 m/, 33-19-50/95-18-56; CL from Mount Vernon; Class A
TX	Sweetwater	92.1	NEW	APP Mod for 13 kw/139 m, (would drop DA), XL to 32-38-05/100-07-51; CL to Trent; Class C3
TX	Wichita Falls	90.5	KZKL	23 kw/64 m, XL to 33-54-01/98-32-18
VI	Christiansted	89.9	WIVH	1 kw/249 m, 17-45-22/64-47-57; FC from 90.1
VA	Culpeper	103.1	WJMA-FM	6 kw/86 m, XL to 38-29-04/77-59-22
VA	Spotsylvania	89.5	WWED	CP Mod for 8 kw (would add H)/151 m, 38-11-48/77-33-45; Class A to C3
WA	Benton City	90.5	NEW	3 kw/410 m, DA, 46-14-53/119-33-44; Class C2 (aux)
WA	Forks	90.9	KNWU	CP Mod for 170 w/-2 m, 47-56-00/124-23-41; FC to 91.5; Class A
WV	Parkersburg	97.9	WSPW-LP	9 w/18 m, XL to 39-16-50/81-32-06; FC to 97.7
WY	Evansville	100.5	KTED	10 kw/521 m, XL to 42-44-30/106-18-29
WY	Glenrock	98.5	KGRK	CP Mod for 3.5 kw/518 m, XL to 42-44-28/106-18-31; Class A to C1
WY	Kaycee	97.7	NEW	CP Mod for 80 kw/216 m, XL to 43-21-36/106-25-03; Class C2 to C1
WY	Wamsutter	104.3	KYPT	CP Mod for 4 kw/127 m, XL to 42-50-40/109-55-28; CL to Daniel; Class C3 to C1
WY	Warren AFB	103.3	KHNA	CP Mod for 37 kw/77 m, DA, 41-09-34/104-43-19; Class C2

**- APPLICATIONS REINSTATED -**

MN	Waconia	88.3	NEW	11 kw/86 m, DA, 44-47-20/93-54-27; Class C3
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**- APPLICATIONS FOR NEW STATIONS -**

<u>Applies for:</u>				
AZ	San Lucy	91.1	NEW	8.8 kw/65 m, 32-54-28/112-59-12; Class C3
AR	Mandeville	88.3	NEW	750 w-V/90 m, 33-24-53/93-58-12; Class A
CA	Santa Clarita	105.1	KKGO-1	60 w/6 m, DA, 34-19-47/118-35-57
GA	Lincolnton	98.7	NEW	500 w/114 m, 33-44-32/82-31-17; Class A
GA	Pavo	91.3	NEW	100 w-H//15 kw-V/75 m, DA, 31-07-54/83-46-49; Class C3
IA	Stanton	88.7	NEW	100 w-H//100 kw-V/120 m, DA, 41-05-15/94-52-12; Class C1
IA	Tabor	89.3	NEW	5 kw-H//48.703 kw-V/119 m, DA, 40-34-33/95-34-24; Class C2

KS Liberal	91.5	NEW	APP Mod for 360 w-V22 m, 37-02-53/100-54-34; Class A
KS Olpe	89.3	NEW	875 w/134 m, DA, 38-16-09/96-22-28; Class A
MN Hutchinson	88.3	NEW	150 w/34 m, 44-54-09/94-22-08; Class A [reconsideration]
MT Lewistown	99.7	NEW	2.3 kw/598 m, DA, 47-10-40/109-32-06; Class C1
NY Fleming	88.7	NEW	174 w-V/108 m, 42-47-53/76-34-27; Class A
TX Canadian	91.1	NEW	100 w/-4 m, 35-54-50/100-22-57; Class A
TX Junction	103.3	NEW	18 kw/118 m, 30-22-51/99-47-59; Class C3
TX Paris	91.9	NEW	1 kw/77 m, 33-39-37/95-31-37; Class A
TX Sabinal	107.1	NEW	14 kw/135 m, 29-27-41/99-21-59; Class C3
TX Sulphur Springs	91.9	NEW	1 kw/32 m, 33-09-34/95-34-27; Class A
WA South Bend	91.3	NEW	225 w/271 m, DA, 46-41-44/123-46-17; Class A
WA Smokey Point	89.9	NEW	15 kw/92 m, DA, 48-00-28/122-26-47; Class C3

## TRANSLATORS and BOOSTER STATIONS

--CALL LETTER CHANGES--

	Old Call	New Call					
AR Hope	94.9	K287AQ	K235BS	MS Biloxi	100.1	W258BP	W261BO [& finally]
CA Bolinas	89.9	K209FF	K210EH	MS Biloxi	100.3	W261BO	W262BW
CA Eureka	95.9	K238AD	K240DX	MO Maryville	95.9	K237EU	W240DY
CA Laytonville	89.7	K210DQ	K209EU	MT Boulder	107.5	K300CE	K298BF
CA Santa Clarita	105.1	NEW	KKGO-1	MT Walkerville	90.1	K213CJ	K211FL
CO Basalt	102.1	K272AM	K271BK	NV Pahrump	100.1	K207EF	K261DQ
CO Estes Park	101.7	K267BF	K269FR	NH Claremont	99.1	W255BQ	W256BJ
FL Fort Pierce	107.1	W298AK	W296BY	NY Red Hook	99.1	W255BX	W256BI
TX Jacksonville	103.9	K283BK	K280FH	NY Stamford	104.3	W285AT	W282BO
FL Leisure City	95.3	W241BA	W240CD [then . . .]	NC Charlotte	93.5	W226BF	W228CE
FL Leisure City	95.3	W240CD	W237DK	NC Rocky Mount	105.7	W287AL	W289BL
GA Camilla	96.1	W294BH	W241BG	OH Auburn	106.3	W238BJ	W292DT
GA Elberton	96.5	W240BC	W243CI	OH Perrysburg	94.9	W236BH	W235BH
GA Douglas	88.1	W206BT	W201DJ	OK Felt	89.5	K211CM	K208FI
GA Waycross	88.1	W252CD	W201DK	PA Northampton	94.3	W234AX	W232BU
GA Wildwood	105.9	W236AM	W290BT [then . . .]	PA Port Allegany	94.3	W288CB	W234BJ
GA Wildwood	106.1	W290BT	W291CF	PA Rome	93.5	W225BC	W228CD [CP from Endicott, New York]
HI Makaha	88.1	KHPR-1	KHPR-FM1	TX Clover Leaf	93.3	KPTY-FM1	KQBU-FM1
ID American Falls	104.5	K286BP	K283BJ	TX Lackland City	92.3	K221EX	K222BS
ID Mountain Home	101.3	K268BP	K267BG	TX San Angelo	91.5	K272EV	K218CW
ID Pocatello	91.7	K222BT	K219LG	UT Salt Lake City	104.7	KYLZ-3	KYLZ-FM3
IN Wheatland	95.9	W238BQ	W240CE	VT Montpelier	106.3	W289AW	W292DS
IA Centerville	99.3	K203EI	K257DU	WI Appleton	101.5	W214BT	W268AU
IS Decorah	96.3	K244EM	K242BW	WI DePere	106.3	W291BG	W292DR
IA Mount Vernon	106.3	K291AR	K292FZ	WY Gillette	98.5	K252CJ	K253AZ
MS Biloxi	88.7	W201BK	W204CE [& then ...]	WY Laramie	102.3	K271BJ	K272EW
MS Biloxi	99.5	W204CE	W258BP [& then ...]				

## -TECHNICAL CHANGES -

- NOW ON THE AIR -

(antenna heights are AGL)

AL Cullman	97.3	W247BI	250 w/15 m, 34-25-31/86-53-40
AR Hope	94.9	K235BS	250 w-V/9 m, 33-25-45/93-53-04; FC from 105.3
CA Bolinas	89.9	K210EH	10 w/4 m, 37-55-50/122-43-09; FC from 90.1
CA Clarksville	99.1	K256AG	10 w/55 m, 38-38-33/121-05-26
CA Eureka	95.9	K240DX	200 w-V/23 m, DA, 40-49-32/124-00-05
CA Las Flores Canyon	104.7	KCAQ-FM5	74 w/3 m, DA, 34-04-33/118-39-27
CA Laytonville	89.7	K209EU	10 w-V/20 m, DA, 39-41-14/123-34-36
CA Santa Barbara	90.3	KMRO-FM2	680 w/15 m, DA, 34-27-55/119-40-37
CA Santa Barbara	91.5	K218CP	10 w-V/5 m, 34-27-57/119-40-38
CA Santa Maria	91.1	K216FQ	10 w-V/9 m, DA, 34-50-02/120-22-57
CO Basalt	102.1	K271BK	250 w/8 m, DA, 39-21-10/107-05-33; FC from 102.3
CO Estes Park	101.7	K269FR	10 w/10 m, 40-29-37/105-10-53
CO Fort Collins	102.9	KARS-FM1	11.3 kw/27 m, DA, 40-55-41/105-08-36
CO Idaho Springs	91.7	K219LF	32 w-V/12 m, DA, 39-43-35/105-14-08
CO Pagosa Spribgs	98.3	K252ET	175 w/9 m, 37-11-32/107-05-55
CO Trinidad	99.9	K260BN	170 w-V/11 m, 37-08-55/104-30-40
GA Athens-Clarke County	99.3	W257CI	5 w/20 m, 33-54-33/83-18-58
GA Camilla	96.1	W241BG	150 w-V/26 m, 30-52-03/83-25-18
GA Douglas	88.1	W201DJ	120 w/29 m, 31-30-46/82-51-19; FC from 89.1
FL Fort Myers Beach	102.3	W272BM	8 w/52 m, 26-29-16/81-55-46
FL Fort Pierce	107.1	W296BY	170 w/80 m, 27-15-38/80-24-50; FC from 107.5
FL Immokalee	90.5	W213BQ	35 w/66 m, 26-24-34/81-25-48; CL from Naples
FL Key Largo	99.3	W257AC	250 w-V/5 m, 25-03-49/80-28-20; CL from Islamorada
FL Leesburg	96.9	W245AZ	27 w/87 m, 28-49-45/81-54-08
FL Leisure City	95.3	W240CD	250 w-V/12 m, 25-17-30/80-22-49; FC from 96.1; CL from Key Largo
FL Miami Beach	95.3	W237CI	250 w-V/5 m, 25-40-32/80-09-33
FL Naples	107.5	W298AW	55 w/65 m, 26-12-53/81-46-58
FL Okeechobee	100.9	W265BV	250 w/56 m, 27-12-57/80-48-42
GA Blairsville	101.3	W267BC	10 w/6 m, 34-52-00/83-57-21; FC from 101.1
GA Camilla	96.1	W241BG	150 w-V/26 m, 30-52-03/83-25-18
GA Cordele	102.3	W272CK	250 w-V/25 m, DA, 31-44-29/83-39-11
GA Decatur	102.9	W275BK	170 w/183 m, 33-45-33/84-20-05
GA Riverdale	97.9	W250BC	250 w/324 m, 33-48-26/84-20-22

GA Waycross	88.1	W201DK	10 w-V (drops H)/244 m, 31-13-17/82-34-24; FC from 98.3; CL from Homerville
GA Wildwood	106.1	W291CF	60 w/27 m, (drops DA), 34-52-04/85-32-55; FC from 105.9
HI Makaha	88.1	KHPR-FM1	400 w-V/10 m, DA, 21-30-49/158-08-54
ID American Falls	103.9	K283BJ	10 w-V/4 m, 42-46-45/112-50-57; FC from 104.5
ID Pocatello	92.3	K219LG	90 w (adds H)/18 m, 42-51-46/112-31-03; FC from 91.7
IL Elgin	92.1	W221BY	15 w/91 m, 41-59-54/88-14-33
IL Hillside	97.5	W248BB	3 w/349 m, 41-53-06/87-37-18
IL Lane	103.3	W277BE	100 w-V/8 m, 40-05-55/88-51-07; CL from Argenta
IL Taylorville	93.5	W228BH	250 w/80 m, DA, 39-27-08/89-17-10
IN New Castle	93.9	W230AR	250 w/12 m, 39-55-54/85-22-21
IA Centerville	99.3	K257DU	250 w/91 m, 40-47-34/92-52-47; FC from 88.5
IA Decorah	96.3	K242BW	115 w/91 m, 43-17-13/91-53-03; FC from 96.7
IA Marshalltown	104.7	K284AW	250 w/30 m, 42-02-52/92-52-41
IA Mount Vernon	106.3	K292FZ	90 w/58 m, 41-46-26/91-22-23; FC from 106.1
KY Lexington	91.7	W219DM	10 w/206 m, 38-02-23/84-24-10
KY Murray	99.3	W257CO	25 w-V/6 m, 36-25-47/88-19-50
MD Crisfield	95.7	W242BL	19 w/100 m, 38-01-45/75-45-05; FC from 96.3
MA Gloucester	103.7	W279BQ	5 w/24 m, 42-33-58/70-48-46
MN Golden Valley	90.7	K214DF	10 w/243 m, 44-58-36/93-16-15
MN Madison	100.5	K263AL	250 w-V/50 m, 45-07-58/96-17-09
MN Minneapolis	104.5	K283BG	99 w/36 m, 44-58-14/93-14-31
MS Biloxi	100.3	W262BW	4 w/37 m, 30-27-11/88-51-26
MS Ridgeland	99.3	W257CB	50 w-V/10 m, 32-20-02/90-04-17
MO Joplin	106.3	K292FX	250 w/55 m, 37-05-23/94-30-47
MO Maryville	95.9	K240DY	99 w-V/46 m, 40-22-32/94-51-23; FC from 95.3
MO Sikeston	107.9	K300BU	18 w/76 m, 36-49-05/89-31-27
MT Walkerville	90.1	K211FL	10 w-V/11 m, 46-00-28/112-26-30; FC from 90.5; CL from Butte
NV Pahrump	100.1	K261DQ	2 w (adds V)/6 m, 35-57-13/115-52-54; FC from 89.3
NH Claremont	99.1	W256BJ	90 w-H/5 m, DA, 43-13-04/72-22-10; FC from 98.9
NH Littleton	94.1	W231BW	250 w/30 m, 44-18-47/71-46-08
NH Sunapee	94.5	W233AY	10 w/4 m, 43-27-21/71-51-47; CL from Andover
NM Gallup East	94.9	K235BR	240 w-V/27 m, 35-36-22/108-41-26
NY East Randolph	99.1	W256BA	250 w-V (drops H)/14 m, DA, 42-10-35/78-52-52
NY Red Hook	99.1	W256BI	7 w-V/24 m, DA, 42-03-05/73-52-50; FC from 98.9
NY Saranac Lake	106.5	W293BL	165 w-H/44 m, 44-20-28/74-07-43
NY Stamford	104.3	W282BO	9 w-H/392 m, DA, 42-23-58/74-35-27; FC from 104.3
NC Rocky Mount	105.7	W289BL	10 w/122 m, 35-54-10/77-46-57; FC from 105.3
OH Auburn	106.3	W292DE	10 w-V (drops H)/82 m, (to) DA, 39-23-35/84-36-24; FC from 95.5
OH Perrysburg	94.9	W235BH	250 w/67 m, 41-33-30/83-33-34; FC from 95.1
OK Edmond	100.1	K261DP	92 w/103 m, 35-39-38/97-28-14; FC from 99.7
OK Felt	89.5	K208FI	217 w-V/45 m, 36-33-28/102-53-20; FC from 90.1
PA Smethport	95.3	W237CS	250 w/55 m, 41-48-36/78-23-10
PA Uniontown	106.3	W292DH	15 w/22 m, 39-54-50/79-37-57
PA Northampton	94.7	W234AX	250 w-H/7 m, DA, 41-01-09/75-54-05; FC from 94.9; CL from Jim Thorpe
SC Charleston	100.1	W261AJ	95 w-V/21 m, XL to 32-45-03/80-06-39
TX Dumas	88.1	K201IA	140 w/93 m, 35-55-13/101-57-54
UT Salt Lake City	97.5	KZZQ-FM4	560 w/29 m, DA, 40-48-27/111-53-26
UT Salt Lake City	104.7	KYLZ-FM3	2.1 kw/17 m, DA, 40-48-29/111-53-23
VT Burlington	90.5	W213AZ	16 w/18 m, 44-28-44/73-12-56
VT Montpelier	100.3	W262AA	100 w/13 m, 44-16-49/72-33-30
VT South Bennington	93.5	W228BL	120 w/80 m, 42-56-53/73-10-34
VA Culpeper	95.3	W237CA	99 w/84 m, 38-29-04/77-59-22
WI Appleton	95.3	W237AA	99 w/119 m, 44-15-37/88-22-00
WI Appleton	101.5	W268AU	55 w/55 m, 44-13-02/88-24-39; FC from 90.7
WI DePere	106.3	W292DR	250 w/85 m, 44-21-32/87-59-07; FC from 106.1; CL from Green Bay
WY Buffalo	104.9	KLQQ-FM1	250 w/10 m, DA, 44-20-54/106-41-30

**- TECHNICAL CHANGES -**

**- CONSTRUCTION PERMITS GRANTED -**

(antenna heights are AGL)

AL Mountain Brook	104.1	W281AB	125 w/190 m, DA, 33-29-04/86-48-25
AL Oneonta	95.3	W237DH	170 w (adds H)/52 m, XL to 33-56-48/86-29-06; CL from Cleveland
AK Seward	104.1	K281AZ	20 w/9 m, XL to 60-06-48/149-26-18
AR Hope	94.9	K287AQ	250 w-V/9 m, XL to 33-25-45/93-53-04; FC from 105.3
CA Eureka	93.7	K229AF	11 w/20 m, XL to 40-49-32/124-00-05
CA Ferndale, etc	88.7	K206AU	CP Mod for 170 w (adds V/6 m, 40-30-03/124-17-08 ; FC from 89.1
CA Granada Hills	104.7	KCAQ-FM2	600 w/23 m, DA, XL to 34-17-03/118-17-08; CL from Santa Susana
CA Indio	88.9	K205DT	6 w/18 m, XL to 33-48-06/116-13-28
CO Basalt	90.1	K211EX	25 w (adds H)/10 m, (to) DA, XL to 39-21-10/107-05-33
CO Basalt	100.1	K261AK	6 w (adds V)/11 m, XL to 39-21-10/107-05-33.
CO Dillon	107.1	K296CL	10 w (adds H), 6 m, XL to 39-27-35/105-58-46 [APP for 250 w at Breckenridge dismissed]
CO Estes Park	92.1	K221EA	53 w (adds V)/21 m, DA, 40-21-38/105-31-12
CO Mesa	98.9	K255CB	35 w-V/28 m, DA, XL to 39-26-33/107-58-01
CO Redstone	90.9	K215BD	20 w (adds V)/11 m, DA, XL to 39-14-18/107-13-28
CO Vail	103.7	K279BH	250 w-V/27 m, DA, 39-29-44/106-01-44
DE Seaford	105.7	W286AS	CP Mod for 70 w/13 m, XL to 38-45-32/75-35-32; FC from 105.1
FL Coral Gables	107.1	W296BP	250 w-V/6 m, XL to 25-24-51/80-27-39
FL Fort Pierce	107.1	W296BY	250 w-V (drops H)/9 m, XL to 27-16-35/80-26-34; FC from 107.5
FL Sarasota	106.9	W295BH	55 w (adds H)/56 m, XL to 27-19-26/82-29-45; CL from Osprey
GA Canon	93.1	W228CA	125 w/110 m, XL to 34-15-01/83-07-24; FC from 93.5; CL from Elberton
GA Cochran	92.3	W276BK	8 w/150 m, 32-28-11/83-15-17; FC from 103.1

GA Elberton	96.5	W243CI	250 w/45 m, (to) DA, 34-06-50/82-52-52
GA Rincon	101.5	W268BI	CP Mod for 250 w-V/11 m, XL to 32-08-29/81-10-53
ID Mountain Home	101.3	K267BG	250 w-V/18 m, 42-44-21/114-34-33; FC from 101.5
ID Twin Falls	107.7	K299BD	CP Mod for 92 w (adds H)/28 m, XL to 42-29-26/114-30-15
IL Champaign	97.9	W250BL	250 w/101 m, (to) DA, XL to 40-07-35/88-17-25; CL from Tuscola
IL Galena	93.3	W227BL	41 w/112 m, 42-24-16/90-34-12
IL Pontiac	89.5	W208AW	80 w/54 m, XL to 40-53-11/88-38-41
IN Wheatland	95.9	W240CE	99 w-V (drops H)/11 m, XL to 38-39-46/87-18-38; FC from 95.5; CL from Vincennes
MA Lawrence	99.9	W260AS	CP Mod for 10 w/59 m, 42-45-24/71-06-47
MN Fridley	102.5	K273BH	41 w/243 m, 44-58-36/93-16-15
MO Lees Summit	93.7	K229AU	50 w (adds H)/206 m, XL to 39-01-20/94-30-49
MT Boulder	107.5	K298CF	50 w-V/15 m, 46-19-52/112-06-16
MT Helena	96.3	K242BB	250 w/30 m, XL to 46-44-52/112-19-47
MT Twin Bridges	93.3	K227BM	250 w-V (from H to V)/10 m, DA, 45-30-25/112-15-26
NV Lovelock	90.7	K215CX	10 w/18 m, 40-07-06/118-43-39; FC from 90.9
NH Claremont	99.7	WNTK-FM1	55 w-V/10 m, 43-22-08/72-19-37
NH Lawrence	92.1	W221CH	250 w/119 m, DA, 42-40-26/71-11-26; CL from Newton
NY Binghamton	95.1	W236AP	99 w/34 m, XL to 42-05-50/75-54-55
NY Falconer	99.1	W256BA	60 w-V/6 m, DA, 42-07-58/79-13-12; CL from East Randolph
NY Greece	101.9	W270BX	CP Mod for 27 w/23 m, 43-10-18/77-40-15
NY Newburgh	93.7	W231AG	7 w/11 m, (to) DA, XL to 41-29-20/73-56-53; FC from 94.1
NY Newburgh	106.5	W293AE	10 w-V/12 m, (to) DA, XL to 41-29-20/73-56-53
NC Charlotte	93.5	W228CE	1 w/20 m, 35-15-48/80-46-15
OH Auburn	106.3	W292DT	10 w-V (drops H)/82 m, (to) DA, XL to 39-23-35/84-36-24; FC from 95.5
OR Hermiston	95.3	K237DS	250 w/86 m, (drops DA), XL to 45-40-19/118-50-15
OR Roseburg	98.3	K252CP	50 w-H/21 m, DA, XL to 43-12-08/123-22-53
OR Roseburg	102.1	K272CO	62 w-H/17 m, DA, 43-12-08/123-22-53; FC from 102.3
PA Dubois	97.5	WDDH-FM1	250 w-V/52 m, DA, 41-06-11/78-45-38
PA Carlisle	97.9	W250AP	38 w/74 m, XL to 40-09-30/77-11-49
PA Northampton	94.3	W232BU	250 w-H/10 m, DA, XL to 40-51-22/75-44-13; FC from 94.7
PA Port Allegany	94.3	W234BJ	130 w-V (from H to V)/47 m, DA, 41-48-36/78-23-10; FC from 94.7; CL from East Smethport
PA Rome	93.5	W228CD	250 w-H/12 m, DA, 42-00-50/76-15-53; FC from 92.9; CL from Endicott, NY
PA Tyrone	100.7	W264BZ	225 w-V/38 m, DA, 40-43-47/78-19-23
PR Anasco	104.5	W283BI	250 w/50 m, (to) DA, XL to 18-11-56/66-59-04
PR Patillas	101.5	W268BK	10 w/30 m, DA, 18-06-47/66-03-05
SC Fountain Inn	105.5	W290BQ	10 w/35 m, 34-42-28/82-13-40; FC from 105.9
TX College Station	103.5	K278AU	92 w/144 m, XL to 30-38-43/96-20-26
TX Flour Bluff	96.1	K241AT	130 w/79 m, XL to 27-40-15/97-21-14
TX Jacksonville	103.9	K280FH	99 w/30 m, XL to 32-07-36/94-47-57; FC from 104.5
TX Lackland City	92.3	K221EX	38 w/91 m, 29-26-59/98-41-46; FC from 92.1
TX San Angelo	91.5	K272EC	250 w-V/10 m, XL to 31-38-53/100-40-46; FC from 102.3
UT Ephraim	89.9	K213DC	10 w-V/15 m, XL to 39-19-19/111-46-12; FC from 90.5
UT St. George	96.3	K242BV	115 w/28 m, 37-06-54/113-34-23
VT Manchester	106.9	W295AU	51 w/13 m, 43-14-12/73-01-44
VT Montpelier	106.3	W292DS	27 w/5 m, XL to 44-14-14/72-34-50; FC from 105.7; CL from Northfield
VA Culpeper	95.3	W237CA	99 w/84 m, 38-29-04/77-59-22
WV Bluefield	97.3	W246BE	37 w/5 m, 37-15-30/81-10-37; FC from 97.1
WY Casper	105.9	K290BG	21 w/7 m, (to) DA, 42-45-30/106-19-23
WY Gillette	98.5	K252CJ	115 w (adds V/9 m, (drops DA), XL to 44-12-34/105-28-04; FC from 98.3
WY Laramie	98.3	K252EA	20 w/71 m, XL to 41-18-39/105-27-12
WY Laramie	102.3	K272EW	24 w/44 m, DA, 41-18-39/105-27-12; FC from 102.1

**- TECHNICAL CHANGES -**

**- GRANTS FOR NEW STATIONS -**

(antenna heights are AGL)

PR Fajardo	104.7	WKAQ-FM2	500 w/18 m, DA, 18-17-01/65-40-29
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**- APPLICATIONS FROM EXISTING / PROPOSED FACILITIES -**

(antenna heights are AGL)

**APPLIES FOR:**

AL Headland	95.9	W240BM	250 w-V/11 m, XL to 31-28-18/85-27-45
CA Monterey	89.5	K208CW	74 w/33 m, DA, 36-32-05/121-37-09
CA Santa Susana	104.7	KCAQ-FM2	600 w/23 m, DA, 34-17-03/118-28-17
CO Masonville	106.5	K293BJ	3 w/25 m, 40-37-03/105-19-40; FC to 106.1
GA Toccoa	97.7	W249CC	70 w/30 m, DA, XL to 34-54-55/83-20-55; CL to Dillard
ID Mountain Home	101.3	K267BG	250 w (would add H)/46 m, (to) DA, XL to 42-43-44/114-24-56; CL to Jerome
IA Iowa Falls	91.3	K214EJ	CP Mod for 250 w-V/16 m, XL to 42-35-18/92-56-19
MN Roseau	100.7	K264AR	250 w/83 m, XL to 48-51-23/95-32-12
NV Pahrump	89.3	K207EF	2 w (would add V)/ 6 m, (would drop DA), XL to 35-57-13/115-52-54; FC to 100.1
NM Alamogordo	88.1	K201BJ	10 w-H/17 m, XL to 32-49-47/105-53-13; FC to 88.5
NC Charlotte	93.5	W228CE	250 w/76 m, XL to 35-12-00/80-48-41
NC Rose Hill	103.1	W276BR	38 w- (would drop H)/72 m, XL to 34-51-48/78-02-16
OH Athens	97.3	W247AP	4 w/6 m, 39-20-18/82-05-10
OK Felt	89.5	K211CM	217 w-V/52 m, 36-33-28/102-53-20; FC to 89.1
OR Florence	104.1	K281AH	52 w-H/18 m, DA, 43-57-20/124-04-26
OR Newberg	97.7	K249DK	3 w-V (would drop H)/45 m, (to) DA, 45-21-17/122-59-22; FC to 97.5
PA Wellsboro	107.9	W300BX	5 w-V/14 m, 41-44-51/77-18-07; FC to 95.9
TX Sugarland	99.9	K259AB	CP Mod for 100 w/138 m, DA, 29-37-23/95-33-07; FC to 99.5 (licensed on 99.7)
UT Park City	98.3	K252EH	115 w-V (would drop H)/6 m, XL to 40-40-58/111-31-20; FC to 99.9

**- APPLICATIONS FOR NEW STATIONS -**

(antenna heights are AGL)

AL Livingston	90.7	NEW	5 kw/67 m, DA, 32-36-34/88-11-44; Class A
AZ Pirtleville	88.1	NEW	1.1 kw/50 m, 31-20-55/109-28-46; Class A
FL Big Cypress	89.1	NEW	8.5 kw/45 m, DA, 26-17-50/81-06-26; Class C3 [reinstated and accepted for filing]

**- DISMISSALS -**

AR Colt	102.3	KTRQ	CP for 50 kw	MN Hutchinson	88.3	-----	APP for new station
AR Mountain View	88.7	-----	APP for new station	MO Maryville	88.7	-----	APP for new station
			(73.509)	MO Joplin	89.3	K207BT	APP for move to 89.1
AZ Lake Havasu City	96.7	KRCY-FM	APP for changes	MO Washington	104.5	KSLQ-FM	APP for CP Mod
AZ Tombstone	88.3	-----	APP for new station	NV Fallon	99.3	KVLV-FM	APP for changes
			(S)	NV Gerlach	89.1	K206CK	APP for changes
CA Coyote	103.3	K224CZ	APP changes	NJ Chatham	88.9	-----	APP for new station
CA Haines Canyon	104.7	KCAQ-4	APP for new station	NY Marcellus	88.7	-----	APP for new station
CA Los Banos	90.9	-----	APP for new station				(S)
			(73.509)	NY Skameateles	88.7	-----	APP for new station
CA Pasadena	89.3	KPCC	APP for changes				(S)
			(73.509)	NC Franklin	105.1	WNCC-FM	APP for changes
CA San Diego	103.7	KSCF	APP for Aux facility	OK Marlow	88.7	KLVA	APP for changes
			ROA	OR Newberg	97.7	K249DK	APP for changes
CO Dillon	107.1	K296CL	APP Modification	ROA			
FL Defuniak Springs	89.7	-----	APP for new station	PA Center Moreland	89.1	-----	APP for changes
			(73.515)				(73.509 violation)
FL Lake City	89.7	-----	APP for new station	TX Beaumont	94.1	KQXY-FM	APP for changes
			(73.509)				ROA
GA Helen	100.9	WZGA	APP for changes	TX Kermit	105.7	KERB-FM	CP for upgrade to
GA Thomasville	88.1	WAYT	APP for changes				23.5 kw
GA Waycross	88.1	W201DK	APP to move to 98.9	TX Uvalde	104.9	KVOU-FM	APP for changes
IL Zion	88.5	-----	APP for new station				ROA
IN Clifford	89.9	WISG	APP for changes	TX Wichita Falls	90.5	KZKL	APP for changes
IN Fairland	90.0	WABT	APP for CP Mod	VI Frederiksted	101.7	WEVI	APP for changes
IN Plymouth	89.3	WIKV	APP for changes	VA Middlesex	89.9	-----	APP for new station
			(73.510)				(73.509 & 73.515)
IA Atlantic	89.3	-----	APP for new station	VA Chintoteague	96.5	WCTG	APP for changes
			(S)	WA Raymond	91.3	-----	APP for new station
IA Carroll	88.7	-----	APP for new station				(S)
			(S)	<b>Violations Codes:</b>			
IA Lehigh	88.7	-----	APP for new station				73.509 - Prohibited overlap
			(S)				73.510 - Antenna systems
IA Rockwell City	88.7	-----	APP for new station				73.515 - Transmitter location not providing 60 dbu coverage
			(S)				over CoL
IA Shenandoah	89.1	-----	APP for new station				73.525 - TV Channel 6 protection
			(S)				73.7002 - Fair distribution of service on reserved band FM
IA Winthrop	88.7	-----	APP for new station				channels
			(S)				
LA Monroe	104.1	KJLO-FM	APP for changes				
ME Sanford	88.7	WSEW	APP for changes				(S) - settlement
			ROA				* - Petition for reconsideration has been filed
MA Barnstable	88.7	NEW	APP for new station				
MI Jackson	89.7	WJCQ	APP for changes				
MI Milford	89.3	-----	APP for new station				

**- OTHERNEWS -**

CA Newberry Springs	103.7	KIQQ-FM	Is silent
CA Pescadero	89.3	KPDO	Is silent
CA Westwood	88.5	KJCQ	Is silent
CO Severence	103.9	KYEN	Is silent
FL Beverly Beach	92.7	WBHQ	Is silent pending their move from Green Cove Springs
MN Minneapolis	104.5	K283BG	Relays KUOM-770
MO Campbell	107.5	KFEB	Is silent
MO Deerfield	100.7	KIKM	License cancelled; call deleted ROA
MT Dillon	90.9	KDWG	Fined \$9000 for failing to properly maintain a public file
NE Wayne	91.9	KWSC	Fined \$7200 for failing to properly maintain a public file
NY Corning	91.9	WCEB	License cancelled; call deleted
NC Lenoir	91.5	W218BX	Fined \$250 for failing to file for license renewal in a timely manner
ND Jamestown	93.3	KSJZ	Fined \$9000 for public file violations
OH Bowling Green	97.7	WWOC-LP	Is silent
UT Castle Valley	103.3	K277AF	License cancelled, call deleted ROA
UT Park City	91.9	KPCW-FM	Is now simulcast on KPCW-1010 Tooele, Utah
WI Appleton	95.3	W237AA	Now relays WSCO-1570 Appleton with sports [The Score]
WI Appleton	101.5	W268BG	Now relays WRVM-102.7 Suring, Wisconsin
WY Burns	88.9	KEZF	Is silent

\*\*\*\*\*  
 Thanks to Shawn Axelrod, Bruce Elving, Deane McIntyre, Curtis Sadowski and Upper Midwest Broadcasting.com for updates.  
 If you hear any changes occur on your FM dial, share the news! 73  
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**NOTICE!!**

Effective with the next issue, the amount of data listed for Translator facilities will be greatly reduced. The time utilized researching these items each month amounts to more hours than your editor cares to count. LPFM and Booster station information will not be affected at this time. I apologize for any inconvenience caused to anyone, but researching this information takes time away from more important tasks. However, if anyone needs details on a specific Translator, e-mail me and I'll investigate.

**ANALOG STATIONS TRANSITIONING BEFORE JUNE 12, 2009**  
**From the FCC at [www.fcc.gov](http://www.fcc.gov)**

	DMA	CITY	ST	NETWORK	CALLSIGN	DATE TRANSITIONING
1	ABILENE-SWEETWATER	ABILENE	TX	NBC	KRBC-TV	5/12/09
2	ABILENE-SWEETWATER	ABILENE	TX	CBS	KTAB-TV	5/12/09
3	ALBANY GA	CORDELE	GA	IND	WSST-TV	4/16/09
4	ALBANY-SCHENECTADY-TROY	SCHENECTADY	NY	PBS	WMHT	4/16/09
5	ALBUQUERQUE-SANTA FE	ALBUQUERQUE	NM	TBN	KNAT-TV	4/16/09
6	ALPENA	ALPENA	MI	PBS	WCML	3/31/09
7	ATLANTA	MONROE	GA	TBN	WHSG-TV	4/16/09
8	AUSTIN	AUSTIN	TX	PBS	KLRU	4/16/09
9	BEAUMONT-PORT ARTHUR	BEAUMONT	TX	TBN	KITU-TV	4/16/09
10	BILLINGS	BILLINGS	MT	ABC	KSVI	4/16/09
11	BILLINGS	HARDIN	MT	FOX	KHMT	4/16/09
12	BINGHAMTON	BINGHAMTON	NY	FOX	WICZ-TV	4/16/09
13	BIRMINGHAM (ANN TUSC)	GADSDEN	AL	TBN	WTJP-TV	4/16/09
14	BOSTON (MANCHESTER)	BOSTON	MA	ION	WPX	4/16/09
15	BOSTON (MANCHESTER)	BOSTON	MA	PBS	WGBX-TV	4/23/09
16	BOSTON (MANCHESTER)	CONCORD	NH	ION	WPXG	4/16/09
17	BOSTON (MANCHESTER)	NORWELL	MA	CW	WWDP	4/16/09
18	BOSTON (MANCHESTER)	VINEYARD HAVEN	MA	ION	WDPX	4/16/09
19	BOSTON (MANCHESTER)	WORCESTER	MA	IND	WYDN	4/30/09
20	BOWLING GREEN	BOWLING GREEN	KY	PBS	WKGB-TV	4/16/09
21	BUFFALO	BUFFALO	NY	PBS	WNED-TV	4/16/09
22	BUFFALO	JAMESTOWN	NY	IND	WNYB	5/4/09
23	BUTTE-BOZEMAN	BUTTE	MT	NBC	KTVM	6/10/09
24	CEDAR RAPIDS-WTRLO-IWC&DUB	CEDAR RAPIDS	IA	ION	KPXR	4/16/09
25	CEDAR RAPIDS-WTRLO-IWC&DUB	WATERLOO	IA	RTN	KWWF	6/11/09
26	CHAMPAIGN&SPRNGFLD-DECATUR	URBANA	IL	PBS	WILL-TV	3/31/09
27	CHARLESTON-HUNTINGTON	ASHLAND	KY	PBS	WKAS	4/16/09
28	CHARLESTON-HUNTINGTON	ASHLAND	KY	IND	WTSF	4/30/09
29	CHARLESTON-HUNTINGTON	CHARLESTON	WV	ION	WLPX-TV	4/16/09
30	CHARLESTON-HUNTINGTON	PIKEVILLE	KY	PBS	WKPI-TV	4/16/09
31	CHARLESTON-HUNTINGTON	PORTSMOUTH	OH	PBS	WPBO	3/31/09
32	CHARLOTTESVILLE	CHARLOTTESVILLE	VA	PBS	WHTJ	3/30/09
33	CHATTANOOGA	DALTON	GA	TBN	WELF-TV	4/16/09
34	CHICAGO	CHICAGO	IL	PBS	WYCC	4/16/09
35	CHICAGO	LA SALLE	IL	TBN	WWTO-TV	4/16/09
36	CINCINNATI	CINCINNATI	OH	PBS	WCET	5/1/09
37	CINCINNATI	COVINGTON	KY	PBS	WCVN-TV	4/16/09
38	CINCINNATI	OWENTON	KY	PBS	WKON	4/16/09
39	CINCINNATI	OXFORD	OH	PBS	WPTO	5/1/09
40	CLEVELAND-AKRON (CANTON)	CANTON	OH	TBN	WDLI-TV	4/16/09
41	COLORADO SPRINGS-PUEBLO	PUEBLO	CO	PBS	KTSC	5/26/09
42	COLUMBIA-JEFFERSON CITY	SEDALIA	MO	PBS	KMOS-TV	4/2/09
43	COLUMBUS OH	COLUMBUS	OH	PBS	WOSU-TV	3/31/09
44	COLUMBUS OH	NEWARK	OH	TBN	WSFJ-TV	4/16/09
45	DALLAS-FT. WORTH	DALLAS	TX	TBN	KDTX-TV	4/16/09
46	DALLAS-FT. WORTH	DENTON	TX	IND	KDTN	4/30/09
47	DAYTON	DAYTON	OH	PBS	WPTD	5/1/09
48	DAYTON	RICHMOND	IN	TBN	WKOI-TV	4/16/09
49	DENVER	DENVER	CO	ABC	KMGH-TV	4/16/09
50	DENVER	DENVER	CO	IND	KRMT	4/30/09
51	DENVER	DENVER	CO	MYTV	KTVB	4/16/09
52	DENVER	DENVER	CO	NBC	KUSA-TV	4/16/09
53	DETROIT	DETROIT	MI	PBS	WTVS	4/16/09
54	DOTHAN	DOTHAN	AL	ABC	WDHN	4/16/09
55	EL PASO (LAS CRUCES)	LAS CRUCES	NM	PBS	KRWG-TV	6/10/09



56	ELMIRA (CORNING)	ELMIRA	NY	ABC	WENY-TV	4/25/09
57	ERIE	ERIE	PA	FOX	WFXP	4/17/09
58	ERIE	ERIE	PA	ABC	WJET-TV	4/17/09
59	EVANSVILLE	MADISONVILLE	KY	PBS	WKMA-TV	4/16/09
60	EVANSVILLE	OWENSBORO	KY	PBS	WKOH	4/16/09
61	FLINT-SAGINAW-BAY CITY	FLINT	MI	FOX	WSMH	5/21/09
62	FLINT-SAGINAW-BAY CITY	MOUNT PLEASANT	MI	PBS	WCMU-TV	3/31/09
63	FT. SMITH-FAY-SPRNGDL-RGRS	ROGERS	AR	NBC	KNWA-TV	4/16/09
64	FT. SMITH-FAY-SPRNGDL-RGRS	SPRINGDALE	AR	IND	KWOG	4/30/09
65	FT. WAYNE	ANGOLA	IN	IND	WINM	5/4/09
66	GREEN BAY-APPLETON	GREEN BAY	WI	ETV	WPNE	4/5/09
67	HATTIESBURG-LAUREL	HATTIESBURG	MS	CBS	WHLT	4/16/09
68	HOUSTON	HOUSTON	TX	TBN	KETH-TV	4/16/09
69	JACKSON MS	JACKSON	MS	FOX	WDBD	5/4/09
70	JACKSON MS	VICKSBURG	MS	IND	WUFX	5/5/09
71	JACKSONVILLE	JACKSONVILLE	FL	PBS	WJCT	4/6/09
72	JACKSONVILLE	JACKSONVILLE	FL	TBN	WJEB-TV	4/16/09
73	JOHNSTOWN-ALTOONA-ST COLGE	ALTOONA	PA	IND	WKBS-TV	4/17/09
74	JOHNSTOWN-ALTOONA-ST COLGE	CLEARFIELD	PA	PBS	WPSU-TV	4/22/09
75	JOPLIN-PITTSBURG	JOPLIN	MO	PBS	KOZJ	3/31/09
76	JOPLIN-PITTSBURG	JOPLIN	MO	NBC	KSNF	4/16/09
77	LA CROSSE-EAU CLAIRE	LA CROSSE	WI	PBS	WHLA-TV	4/5/09
78	LA CROSSE-EAU CLAIRE	MENOMONIE	WI	PBS	WHWC-TV	4/5/09
79	LEXINGTON	HAZARD	KY	PBS	WKHA	4/16/09
80	LEXINGTON	LEXINGTON	KY	PBS	WKLE	4/16/09
81	LEXINGTON	LEXINGTON	KY	CBS	WKYT-TV	4/16/09
82	LEXINGTON	MOREHEAD	KY	PBS	WKMR	4/16/09
83	LEXINGTON	SOMERSET	KY	PBS	WKSO-TV	4/16/09
84	LINCOLN & HASTINGS-KRNY	LINCOLN	NE	CW	KCWL-TV	6/9/09
85	LITTLE ROCK-PINE BLUFF	LITTLE ROCK	AR	MYTV	KARZ-TV	5/11/09
86	LITTLE ROCK-PINE BLUFF	LITTLE ROCK	AR	IND	KKAP	4/30/09
87	LOUISVILLE	ELIZABETHTOWN	KY	PBS	WKZT-TV	4/16/09
88	LOUISVILLE	LOUISVILLE	KY	PBS	WKMJ-TV	4/16/09
89	LOUISVILLE	LOUISVILLE	KY	PBS	WKPC-TV	4/16/09
90	MADISON	MADISON	WI	PBS	WHA-TV	4/5/09
91	MARQUETTE	MARQUETTE	MI	ETV	WNMU	5/13/09
92	MEMPHIS	HOLLY SPRINGS	MS	TBN	WBUY-TV	4/16/09
93	MEMPHIS	MEMPHIS	TN	PBS	WKNO	5/1/09
94	MIAMI-FT. LAUDERDALE	MIAMI	FL	TBN	WHFT-TV	4/16/09
95	MILWAUKEE	MAYVILLE	WI	TBN	WWRS-TV	4/16/09
96	MINNEAPOLIS-ST. PAUL	MINNEAPOLIS	MN	IND	KSTC-TV	5/26/09
97	MINOT-BISMARCK-DICKINSON	BISMARCK	ND	CBS	KXMB-TV	5/28/09
98	MISSOULA	KALISPELL	MT	FOX	KCFW-TV	6/8/09
99	MOBILE-PENSACOLA (FT WALT)	MOBILE	AL	TBN	WMPV-TV	4/16/09
100	MONROE-EL DORADO	EL DORADO	AR	NBC	KTVE	4/16/09
101	MONROE-EL DORADO	WEST MONROE	LA	FOX	KARD	4/16/09
102	MONTEREY-SALINAS	WATSONVILLE	CA	IND	KQET	5/9/09
103	MONTGOMERY-SELMA	MONTGOMERY	AL	TBN	WMCF-TV	4/16/09
104	MONTGOMERY-SELMA	MONTGOMERY	AL	ABC	WNCF	4/20/09
105	MONTGOMERY-SELMA	TUSKEGEE	AL	CW	WBMM	4/22/09
106	NASHVILLE	HENDERSONVILLE	TN	TBN	WPGD-TV	4/16/09
107	ODESSA-MIDLAND	ODESSA	TX	CW	KWWT	5/21/09
108	OKLAHOMA CITY	CHEYENNE	OK	PBS	KWET	3/30/09
109	OKLAHOMA CITY	NORMAN	OK	IND	KOCM	4/30/09
110	OKLAHOMA CITY	OKLAHOMA CITY	OK	IND	KSBI	6/1/09
111	OKLAHOMA CITY	OKLAHOMA CITY	OK	TBN	KTBO-TV	4/16/09
112	PADUCAH-CAPE GIRARD-HARSBG	MURRAY	KY	PBS	WKMU	4/16/09
113	PADUCAH-CAPE GIRARD-HARSBG	PADUCAH	KY	PBS	WKPD	4/16/09
114	PHILADELPHIA	ATLANTIC CITY	NJ	TELEMUNDO	WWSI	4/16/09

115	PHILADELPHIA	BURLINGTON	NJ	TBN	WGTW-TV	4/16/09
116	PHILADELPHIA	PHILADELPHIA	PA	FOX	WTFX-TV	5/22/09
117	PHOENIX (PRESCOTT)	HOLBROOK	AZ	IND	KDTP	4/30/09
118	PHOENIX (PRESCOTT)	PHOENIX	AZ	PBS	KAET	4/29/09
119	PHOENIX (PRESCOTT)	PHOENIX	AZ	TBN	KPAZ-TV	4/16/09
120	PHOENIX (PRESCOTT)	PRESCOTT	AZ	IND	KAZT-TV	5/15/09
121	PITTSBURGH	GREENSBURG	PA	IND	WPCB-TV	4/17/09
122	PITTSBURGH	PITTSBURGH	PA	PBS	WOED	4/1/09
123	PORTLAND OR	PORTLAND	OR	TBN	KNMT	4/16/09
124	PUERTO RICO	AGUADILLA	PR	ETV	WELU	5/1/09
125	PUERTO RICO	AGUADILLA	PR	IND	WVEO	4/30/09
126	PUERTO RICO	PONCE	PR	Cablevision	WKPV	4/17/09
127	PUERTO RICO	PONCE	PR	IND	WVOZ-TV	4/29/09
128	PUERTO RICO	SAN SEBASTIAN	PR	Cablevision	WJWN-TV	5/17/09
129	PUERTO RICO	YAUCO	PR	Cablevision	WIRS	4/17/09
130	RAPID CITY	LEAD	SD	ABC	KHSD-TV	4/17/09
131	RICHMOND-PETERSBURG	RICHMOND	VA	PBS	WCVE-TV	3/30/09
132	RICHMOND-PETERSBURG	RICHMOND	VA	PBS	WCVV	3/30/09
133	ROCHESTR-MASON CITY-AUSTIN	AUSTIN	MN	PBS	KSMQ-TV	5/1/09
134	SAN ANTONIO	FREDERICKSBURG	TX	CW	KCWX	6/2/09
135	SAN ANTONIO	SAN ANTONIO	TX	TBN	KHCE-TV	4/16/09
136	SEATTLE-TACOMA	TACOMA	WA	TBN	KTBW-TV	4/16/09
137	SHREVEPORT	TEXARKANA	TX	NBC	KTAL-TV	4/16/09
138	SPRINGFIELD MO	SPRINGFIELD	MO	CBS	KOLR	4/16/09
139	SPRINGFIELD MO	SPRINGFIELD	MO	PBS	KOZK	3/31/09
140	SPRINGFIELD MO	SPRINGFIELD	MO	FOX	KSFX-TV	4/16/09
141	ST. JOSEPH	ST. JOSEPH	MO	TBN	KTAJ-TV	4/16/09
142	ST. LOUIS	MOUNT VERNON	IL	IND	WPXS	4/30/09
143	TAMPA-ST. PETE (SARASOTA)	TAMPA	FL	PBS	WUSF-TV	4/16/09
144	TRAVERSE CITY-CADILLAC	MANISTEE	MI	PBS	WCMW	3/31/09
145	TUCSON (SIERRA VISTA)	TUCSON	AZ	PBS	KUAT-TV	3/31/09
146	TULSA	EUFAULA	OK	PBS	KOET	3/30/09
147	TULSA	OKMULGEE	OK	ION	KTPX	4/16/09
148	WACO-TEMPLE-BRYAN	BELTON	TX	PBS	KNCT	4/27/09
149	WASHINGTON DC (HAGRSTWN)	FREDERICK	MD	PBS	WFPT	4/16/09
150	WATERTOWN	NORWOOD	NY	PBS	WNPI-TV	4/12/09
151	WATERTOWN	WATERTOWN	NY	PBS	WPBS-TV	4/12/09
152	WAUSAU-RHINELANDER	WAUSAU	WI	PBS	WHRM-TV	4/5/09
153	WEST PALM BEACH-FT. PIERCE	FORT PIERCE	FL	TBN	WTCE-TV	4/16/09
154	WEST PALM BEACH-FT. PIERCE	WEST PALM BEACH	FL	CBS	WPEC	6/9/09
155	WEST PALM BEACH-FT. PIERCE	WEST PALM BEACH	FL	PBS	WXEL-TV	4/16/09
156	WHEELING-STEUBENVILLE	STEUBENVILLE	OH	NBC	WTOV-TV	4/16/09
157	WICHITA FALLS & LAWTON	WICHITA FALLS	TX	CBS	KAUZ-TV	5/21/09
158	WILKES BARRE-SCRANTON	SCRANTON	PA	ION	WQPX	4/16/09



Glorious FM music through 4-in. speaker

**\$21<sup>95</sup>**

Enjoy FM sound in a compact size at Sears surprising low price. 5 tubes plus rectifier. Sensitive FM tuner. Built-in line cord antenna provides fine reception in most areas. For FM broadcasts only (before ordering, be sure FM is locally available). Charcoal gray plastic. About 5x13x4 inches. 57 G 4012—Shipping weight 4 pounds. \$4 monthly . . . . . Cash \$21.95



# Western U.S. TV DX

Featuring reports from AK, AR, AZ, CA, CO, HI, IA, ID, IL, LA, KS, MN, MO, MS, MT, ND, NE, NM, NV, OK, OR, SD, TX, UT, WA, WI, and WY, along with the Canadian Provinces of AB, BC, MB, SK, and YT.

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

Nick Langan  
 1040 Riverview Drive  
 Florence, NJ 08518  
 E-mail: nickl@wtfd.org

## The Editor's Note

The weather is getting warmer and every DXer knows what that means...chances for tropo. It's been happening across Texas and the Gulf region and has spread north in some instances during March into the Plains. We cross our fingers that some trop will develop on the West Coast this coming month as well.

We have reports from William, Dave, Fritze, and Dennis inside this edition of WTVDX. Enjoy!

### William Draeb

1304 Ellis St.  
 Kewaunee, WI 54216

Here are some more DTV loggings.

#### 2/6 Tr

AM WLS-DT 52  
 WSNS-DT 45  
 WXFT-DT 59  
 WJYS-DT 36  
 WTTW-DT 47

#### 2/8 Tr

PM WHRM-DT 24

#### 2/9 Tr

PM WWRS-DT 43

#### 3/6 Tr

0530 WGBO-DT 53  
 0545 WOTV-DT 20  
 0555 WZPX-DT 44  
 1800 WSAW-DT 7

#### 3/7 Tr

0600 WGTU-DT 31 (1)  
 0610 WPBN-DT 50 (1)  
 645 WFQX-DT 47

(1) WGTU-29 on WPBN 50.2. WPBN-7 on WGTU 31.2.

Digital total now at 42.

### Dave Pomeroy

2321 SE Libra Ct.  
 Topeka, KS 66605-3505  
 davepomeroy@sbcglobal.net

#### 1/22/09

0800 Tr KFJZ-14 Pittsburg, KS  
 KHOG-29 Fayetteville, AR

0815 KOLN-DT 25 Lincoln, NE  
 KMTV-DT 45 Omaha, NE  
 0830 KOKH-25 KTBO-DT 15 Oklahoma City, OK  
 0845 KTUL-8 Tulsa, OK

#### 1/25/09

1930 Es Spanish on channels 3 and 6

#### 1/26/09 afternoon colorbars on channel 2/Cuba?

1330 WPBT-2 Miami, FL  
 1345 UNID-2 Mexico  
 1620 WSAV-3 Savannah, GA  
 1625 WSB-2 Atlanta, GA  
 1630 WCBD-2 Charleston, SC

#### 2/8/09

0930 Tr KCCI-8 KDSM-17 Des Moines, IA  
 KETV-7 WOWT-6 Omaha, NE  
 1000 KLKN-8 KOLN-DT 25 Lincoln, NE  
 WHO-DT 19 KDMI-DT 56 Des Moines, IA  
 WOI-DT 59 Ames, IA  
 KYNE-26 Omaha, NE  
 1125 KMEG-DT 39 Sioux City, IA  
 1130 KHIN-36 Red Oak, IA

#### 2/16/08

1820 GW WIBW-DT 13\* Topeka, KS

#### 2/17/09

2300 Tr KTUL-8 Tulsa, OK  
 2315 DTV signal on channel 11 (KOED?)  
 (KTWU-11 off for two hours to change to digital)  
 2359 GW KTWU-DT 11\* Topeka, KS

#### 2/21/09

1930 KMBC-DT 29\* Kansas City, MO

(DT move from channel 7, KMBC-9 still on)

2/25/09

0640 Tr KPTS-DT 8\* KWCH-12 Hutchinson, KS

3/5/09

0930 KDSM-DT 16 Des Moines, IA  
KETV-DT 20 WOWT-DT 22 Omaha, NE

3/6/09

0630 KLKN-8 KOLN-DT 10\* KUON-DT 12\* Lincoln, NE

0720 K46FG-D 46 Falls City, NE  
0725 KWCH-DT 19 Wichita, KS  
KXVO-DT 38 KMTV-DT 45 Omaha, NE

0730 KXVO-15 KPTM-42 KETV-7 Omaha, NE

0730 KAAS-18 Salina, KS  
KODD-DT 16 Bunker Hill, KS  
0900 KSNC-DT 22\* Great Bend, KS  
K25DS-25 Falls City, NE  
0915 KAKE-DT 10\* Wichita, KS

3/9/09

0800 KXVO-15 KXVO-DT 38 Omaha, NE  
0820 K46FG-D 46 Falls City, NE  
KHIN-DT 35 Red Oak, IA  
WOWT-DT 22 KMTV-DT 45 Omaha, NE

0830 KMIZ-17 Columbia, MO

We have two Samsung HDTVs with built-in DTV tuners. However, when KTWU and WIBW-TV moved their digital operations from channels 23 and 44 to 11 and 13 we started having reception problems. As a result I added DTV boxes (an Accurian and a RCA ATSC-11 which pass HDTV) to the sets. Reception is better but there are still occasional problems.

**Fritze H. Prentice, Jr**

3275 State Highway 114W  
Star City, AR 71667

email: [kc5kbv@yahoo.com](mailto:kc5kbv@yahoo.com)

web: <http://tvdxseark.blogspot.com>

Antenna: UHF TV--Channel Master 4228  
VHF TV/FM --unknown make 4

element log periodic

Preamp: Channel Master 7777 Titan

Rotor GC w/CM rotor control

TV's: Analog: 1984 Vintage RCA 12" B&W manual tune ('click knobs') mainly for low band VHF

Durabrand (Orion) 13" Color for UHF and general VHF

Digital: Panasonic CT1030v 10" Color Monitor (NTSC in/out) and Zenith DTT900 Converter Box

PC Capture Card: WinTVGo (PC OS:

Windows XP)

VCR: Panasonic 4 head stereo (2001 vintage) to archive analog TV

DVD Recorder: Panasonic DMR-ES10 to archive DTV

I installed a new VHF antenna (Winegard YA1713) replacing a smaller VHF/FM antenna. This has helped local reception as well as DX on channels 7-13. Anyway, here is this month's report....

All times Central at Star City AR

---

March 7, 2009

12:36am \*\*\*\* KTVT 11 Fort Worth (TX). KTVT audio under nulled KTHV 11 (Little Rock) with voice id/promo for "CBS 11" and into repeat of local 10pm newscast. 12:49, signal strong enough to view video from KTVT

12:44am \*\*\*\* WFAA 8 Dallas. Repeat of 10pm newscast

7:15am \*\*\*\* KAFT 13 Fayetteville AR. AETN relay with "Sewing With Nancy", very good analog PQ nearly snow free at times.

7:16am \*\*\*\* KAFT-DT 9 Fayetteville AR. 13-1 main channel //with KAFT 13, and 13-2, and 13-3 AETN Create/Kids, and AETN Scholar resepctively. 13-4 Radio Reading Service (audio only).

7:18am \*\*\*\* KOLR 10 Springfield MO. "CBS Early Show", video hammered by neighbor KTVE 10 El Dorado 63mi away, but able to see. Audio solid.

7:23am \*\*\*\* KSPR-DT 19 Springfield MO. ABC's Good Morning America (2nd hour). Usual strong signal, strongest from that region during tropo.

7:23am \*\*\*\* KSFY-DT 28 Springfield MO "Awesome Adventures" E/I programming.

7:27am \*\*\*\* KOZK 21 Springfield MO. "Lomax The Hound Of Music" (amminated). Strong signal.

7:30am \*\*\*\* KOZK-DT 23 Springfield MO. Message that transmission tower for Ozarks Public TV (OPT) (KOZK) at Fordland MO made possible by KYTV ("KY3"). BOH ID for OPT network stations (KOZK and satellite KOZJ in Joplin) main subchannel (21-1) // with analog KOZK 21.

7:31am \*\*\*\* KAIT 8 Jonesboro AR. ABC GMA

7:45am \*\*\*\* KYTV-DT 44 Springfield MO.  
Leapfrogging over much smaller  
KARZ-DT (ex KWBF-DT) signal in Little Rock  
AR. Unstable lock due to  
both stations colliding on channel 44. NBC  
Today on main subchannel  
"3-1"

7:56am \*\*\*\* KYTV 3 Springfield MO. Signal  
received on both my "skip"  
antenna (6m dipole mounted vertically in tree),  
and very weak on the new  
high band Winegard yagi. Local ad breaks  
near top of hour.

---

March 9, 2009

6:35am \*\*\*\* KLTV 7 Tyler TX. Local news with  
"circle 7"/KLTV logo. Good Morning East  
Texas.

6:38am \*\*\*\* KSLA 12 Shreveport LA. Very  
weak under KTHV-DT 12, but seen. KSLA  
analog strengthens and as of 7:32am is very  
strong and while snowy is very watchable.

6:50am \*\*\*\* KLTM 13 Monroe LA. "Martha  
Speaks" (PBS Kids), snowy, but watchable  
image. LPB group ID at 7:00am.

7:27am \*\*\*\* KTAL 6 Texarkana TX. Local  
news break during NBC Today. The low VHF  
signal is strong on the Winegard high-band  
yagi. KTBS 3 Shreveport also making the trip  
and showing up with the highband yagi.

7:46am \*\*\*\* KMPX 29 Decatur TX. Metro DFW  
SS Indie with infomercial en espanol.

7:50am \*\*\*\* KUVN 23 Garland TX. DFW  
Univision O&O with network morning show.

7:51am \*\*\*\* KPXD 68 Arlington TX. Ion O&O  
with....drum roll please, an infomercial.

7:52am \*\*\*\* WFAA 8 Dallas TX. local news  
break.

7:55am \*\*\*\* KDFW-DT 35 Dallas TX. FOX  
O&O with local news en HDTV (4-1), radar on  
4-2 subchannel.

8:17am \*\*\*\* KETK-DT 22 Jacksonville TX.  
Tropo bringing in KETK over 1MW ERP KATV  
"local". KLTV 7 also in at this time.

### Dennis Park Smith

3605 Sam Remo Drive  
Santa Barbara, CA 93105-2523

Tel: (805)687-7803

Times PST

Equipment – TV rxs with indoor antennas:

- 1<sup>st</sup> floor: Oldish 13" analog  
MGA/Mitsubishi CS1395, rabbit ears &  
bow-tie
- 2<sup>nd</sup> floor: Feb-2008 20" LG HD flat-  
screen 20LS7D, ears & 2-bay bow-tie
- Occasionally: 2008 Zenith (/LG) DTV  
box DTT901

This report is for February 2009. There was a  
little occasional southern-Calif coastal tropo to  
San Diego/Tijuana up to 200 mi/320 km at my  
place. With his outdoor antennas, Don  
Voegele noted somewhat more such tropo  
occasions at his place. Overall, coastal condx  
were so-so, typical of this time of year.

Jan 30 eve – Feb 1 (warming)	Variably fair+
Feb 2	None (some wind)
Feb 3 – 4	Very poor to poor
Feb 5 – 19 rainy Feb 5 – 17)	None (unsettled-
Feb 19 eve	Briefly fair-good?
Feb 19 nite – Feb 24	Poor/barely fair/very poor (showers Feb 22 – 23 am)
Feb 25 – Feb 26	None (windy)
Feb 27-28 – Mar 1	Variably vry poor to poor+

Feb 8: I got together with Don at his place to  
look for TV signals (including any locals) with  
these TV rxs & outdoor antenna (no power  
rotors), east:

- 1981 13" Samsung analog CT 300  
TM, Insignia(/LG) DTV box NS DXA1  
APT, with VHF medium-range log  
antenna
- 2008 Sansui 19" flat-screen HD LCD  
1908, 2008 LG 20" flat-screen HD LCD  
20LS7D, with Finco UHF 5-ft dish  
antenna.

Update on malfunc SansuiTV (sound in&out):  
In mid-Feb, he took it to store and got refund.  
Feb-8 condx were normal with no tropo.

**DTV Seen** New are underlined Mi-direc  
KPMR-DT 21 SBarbara CA Uni 15 W  
KBEH-DT 24 Oxnard Span, MTV3 45 W  
KEYT-DT 27 Santa Barbara ABC 15 W  
KTLA-DT 31 Los Angeles CW 90 E  
KDOC-DT 32 Anaheim Indep 90 E  
KMEX-DT 35 Los Angeles Uni 90 E  
KNBC-DT 36 Los Angeles NBC 90 E  
KCAL-DT 43 Los Angeles Indep 90 E  
KOCE-DT 48 Huntington Bch. PBS 90 E  
KJLA-DT 49 Ventura Span-LATV 90 E  
KXLA-DT 51 RanchoPalosVerdesAsian 90 E  
KCBS-DT 60 Los Angeles CBS 90 E

**Analog TV Seen**

KCBS-TV 2 Los Angeles CBS 90 E  
KEYT-TV 3 Santa Barbara ABC 15 W  
KNBC 4 Los Angeles NBC 90 E  
KTLA 5 Los Angeles CW 90 E  
KABC-TV 7 Los Angeles ABC 90 E  
KCAL 9 Los Angeles Indep 90 E  
KTTV 11 Los Angeles FOX 90 E  
KCOP 13 Los Angeles My 90 E  
KSBB-CA 17 SBarbara KEYT3 xltr 5 SW  
KSCI 18 Long Branch Asian 130 E  
KWHY-TV 22 Los Angeles indepSpan 90 E  
K28GY 28 Goleta/SBarb KCET 28 xltr 15 W  
KCET 28 Los Angeles PBS 90 E  
KMEX-TV 34 Los Angeles Uni 90 E  
KPMR 38 Santa Barbara Uni 15 W  
KTBN-TV 40 Santa Ana TBN 90 E  
KXLA 44 RanchPalosVerdes Asian 90 E  
KFTR 46 Ontario Telef 90 E  
KOCE-TV 50 Huntington Bch. PBS 90 E  
KVEA 52 Corona Telem 90 E  
KAZA-TV 54 Avalon Azteca Amer 90 E  
KDOC-TV 56 Anaheim Indep 90 E  
KJLA 57 Ventura LATV Span/Eng 45 E  
KLCS 58 Los Angeles PBS 90 E  
K59CD 59 SBarbara KSBY6 xltr 4 NW  
KRCA 62 Riverside Indep Span 130 E  
KBEH 63 Oxnard Span, some MTV3 45 E  
KHTV-LP 67 Inland Empire HSN 130 E

Feb 14: Don himself saw KRCA-DT 68 Riverside (130 mi E). We had seen it last year at his place.

Feb 16: Again we were at Don's place with these addit'l sigs (still no tropo condx).

**DTV Seen** Miles E  
KWHY-DT 42 Los Angeles Span indep 90  
KTTV-DT 65 Los Angeles FOX 90  
And these addit'l **ANALOGS SEEN**  
KSKP-CA 25 Ventura (tent) apx 40  
KNET-CA 25 LAngeles (tent) apx 90 (infomercials, not sure which Ch.25, 0-beat CCI)  
KPXN 30 SBernardino(tent, weak) 130

Feb 17 Midnight: Locals KEYT 3 & KPMR 38 SBarb **now off air.**

Feb 19 tr: We were at Don's place once again, this time with some tropo SE. Tropo upon arrival apx 1900 to 2130, some quite good but not all poss stns seen. Condx then tapered off with more L.A.-area stns seen. We stopped at 2300. Maybe we woulda seen more tropo, but ants were pointed E to LA all evening.

**DTV**

Miles SE

KGTV-DT 10 San Diego ABC 175 (ex-ch25, VHF ant, no longer remapped)  
KUSI-DT 18 San Diego Indep 185  
KSWB-DT 19 San Diego FOX 185  
XHUAA-DT 22 Tijuana XEW2 200  
XETV-DT 23 Tijuana CW 200  
KPBS-DT 30 San Diego PBS 185  
KNSD-DT 40 San Diego NBC 185

**Analog**

XHTJB 3 Tijuana Once[11]XEIPN 200 (New for Don; local KEYT 3 off) (I saw years ago before KEYT was 24 hrs)  
XETV 6 Tijuana BN CW 200

(KFMB-TV 8 SDiego was not seen; **prob off**)  
(KGTV 10 San Diego not seen; **off**)  
XEW2 12 Tijuana Span indep 200  
KPBS 15 San Diego PBS 185  
XHTIT 21 Tijuana Azteca7XHIMT 200  
XHJK 27 Tijuana Azteca13XHDF 200 (Above 21 & 27 were over local DTVs)  
KSDX-LP 29 San Diego Infom 175  
XHAS 33 Tijuana Telem 200  
KNSD 39 San Diego NBC 185  
XHBK 45 Tijuana XEQ9 200  
XHDTV 49 Tecate/Tij. My 200  
KUSI-TV 51 San Diego Indep 185  
XHUAA 57 Tijuana XEW 200  
KSWB-TV 69 San Diego 185 (69: DTV conversion instruct pgms only)  
Then, after apx 2130, noted L.A. area stns, 90-130 E: Analogs & DTs still on, as on Feb 8, plus **new DT:**  
KPXN-DT 38 San Bernadino Ion 130 E (Now seen, with local KPRM 38 off)  
My SBarb DTV total is now 32 (6 new).

Feb 21 Tr, for moment at 1825, my place, LG TV & ears:  
KGTV-DT 10 SDiego (data only) 175 SE  
Weak ch8 DT sig prob KFMB-DT (tentative)  
And some SDiego/Tijuana analogs & DTs

Feb 28 Tr, moment 0500, my place:  
KGTV-DT 10 SDiego (frozen images)  
SDiego/Tij signals, but KSWB 69 **probably off.**  
Don & I not seen KSWB recent days.

Best of DX to all Dennis





# Eastern U.S. TV DX

Featuring reports from AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV, along with the Canadian Provinces of NB, NF, NS, ON, PEI, and PQ.

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

Nick Langan  
 1040 Riverview Drive  
 Florence, NJ 08518  
 E-mail: nickl@wtfd.org

## The Editor's Note

We're finally back with a column! Yes, the winter months have been utterly silent for us DXers across the east, but the good news is Spring has arrived and hopefully active conditions aren't too far behind. It promises to be a most intriguing season for TV DXing, and already fun has started for some near the Gulf Coast.

Before we look forward to dig into the 2009 season, we get a nice look at the latter half of Saul Chernos' 2008 loggings below.

### Saul Chernos

57 Berkeley Street  
 Toronto ON M5A2W5  
 416-364-0725 / 705-454-9636

#### Jul 7 Es (Burnt River)

1739 KUSD 2 SD Vermillion  
 SDPB/PBS bug  
 1950 KJRH 2 TX Tulsa  
 Tulsa & area ads  
 2003 .... 4 .. ...  
 SS w/white round bug top right, Miami ment  
 2004 KDFW 4 TX Fort Worth  
 Fox 4 SID, later Fox bug with ribbon  
 2005 .... 2 .. ...  
 Spanish audio, Mexico  
 mentioned  
 2009 KDTN 2 TX Denton  
 Daystar bug  
 2019 CKND2 2 MB Minnedosa  
 Global very strong, fades fast  
 2035 .... 6 .. ...  
 ABC, Map hilites storm & flash  
 flood warns  
 2100 KXAS 5 TX Fort Worth  
 5-star bug  
 2105 KOTV 6 OK Tulsa  
 CBS, Tulsa in storm ticker

#### Jul 8 Es (BR)

1233 KDUH 4 NE Scottsbluff KOTA  
 Territory ABC voice & SID, Dr. Phil  
 1245 KQTV 2 MO St. Joseph  
 thestjoechannel.com in DTV ad, KC/St.  
 Joe  
 1309 KCTV 5 MO Kansas City KCTV 5 bug  
 1312 KFOR 4 OK Oklahoma City  
 Ribbon 4 bug  
 1313 WDAF 4 MO Kansas City Fox 4 bug  
 w/rotating WDAF/KS/NEWS, KC news  
 1314 KSNC 2 KS Great Bend  
 KSN Weather Lab SID

1500 KWNB 6 NE Hayes Center  
 NTV SID in DTV promo  
 1530 KUSD 2 SD Vermillion  
 Friends of SD Public Broadcasting SID  
 1545 KOTA 3 SD Rapid City  
 KOTA SID, ABC  
 1640 WSB 2 GA Atlanta  
 Thank You Georgia adpromo, 2 bug  
 1700 WTVY 4 AL Dothan  
 NEWS 4 WTVY SID  
 1701 WDIQ 2 AL Dozier APT bug  
 1711 WSIL 3 IL Harrisburg  
 Ads: Harrisburg Med Ctr, Lawler  
 & Lawler  
 1726 WEAR 3 FL Pensacola  
 This Day in History mentions  
 Pensacola  
 1730 KTVI 2 MO St. Louis  
 East St. Louis ad, Fox 2 SID, later wx  
 1619 KARK 4 AR Little Rock  
 KARK 4 SID with 5:19 TC  
 1938 CKND2 2 MB Minnedosa  
 Global very strong, later MB Hydro ad  
 1945 CBWT2 4 MB Lac du Bonnet  
 CBC At Six

#### Jul 9 Es (BR)

1615 WBRZ 2 LA Baton Rouge Ad: Price  
 LeBlanc Toyota, Dr. Phil (???)  
 1700 WPBT 2 FL Miami  
 2 SID in program promo  
 1826 KJRH 2 OK Tulsa  
 Jim Norton Toyota, large 2 NEWS HD  
 bug, wx  
 1850 KSWK 3 KS Lakin Smoky Hills  
 PBS bug, Nightly Business Rept  
 2005 KTVI 2 MO St. Louis Fox  
 2006 WDIQ 2 AL Dozier APT bug

Jul 10 Es (BR)

0955 KPRC 2 TX Houston  
 2 star bug, NBC, 713 AC ad  
 1128 .... 2 .. ...  
 2 WPIA SID ?????  
 1129 WESH 2 FL Daytona Beach  
 2 WESH bug, area ad  
 1159 WBRZ 2 LA Baton Rouge  
 Baton Rouge ad  
 1201 WJXT 4 FL Jacksonville  
 4 WJXT bug w/news, Jvl Municipal  
 Stadium  
 1217 WSB 2 GA Atlanta  
 2 bug floating around screen  
 1218 WMAB 2 MS Ackerman  
 M bug with Barney (again 2015)  
 1312 KXAS 5 TX Fort Worth  
 5-star bug  
 1313 KDFW 4 TX Fort Worth  
 Dallas Gold & Silver Exchange ad  
 1315 KFDX 3 TX Wichita Falls  
 KFDX SID floating u/CKVR  
 1816 WPSD 6 KY Paducah  
 Karpet Korner; Marion Harrisbg Cape-  
 Gir wx  
 1817 KCTV 5 MO Kansas City  
 Large 5 KCTV bug  
 1828 KOTV 6 OK Tulsa  
 The news on 6 KOTV SID  
 2145 .... 3 .. ...  
 Antiques Roadshow  
 2214 CKND2 2 MB Minnedosa  
 Global bug, very strong at times  
 2245 .... 2 .. ...  
 2 in weird upper right circle bug

Jul 16 Es (BR)

1930 KPRC 2 TX Houston  
 Local 2 bug with star, 6:30 TC  
 and 870; ET  
 1942 WBRZ 2 LA Baton Rouge  
 WBRZ News 2 Louisiana promo, Price LeBlanc  
 2025 KBTV 4 TX Port Arthur  
 NBC, Beaumont ads, ID, Baby Borrowers next

Jul 17 Es (BR)

1540 CKCK 2 SA Regina CTV  
 1541 CKND2 2 MB Minnedosa  
 Global, Winnipeg ad

Jul 18 Es (BR)

1913 KTVI 2 MO St. Louis  
 Fox 2 bug  
 1953 KPRC 2 TX Houston  
 Local 2 star bug, 6:53 TC and temp, ET

Jul 19 Es (BR)

1215 CKND2 2 MB Minnedosa  
 Global, deep fades  
 1216 CFSK 4 SA Saskatoon  
 Strong fade-up  
 2130 KUSD 2 SD Vermillion  
 SDPB / PBS bug

Jul 20 Es (BR)

0636 WESH 2 FL Daytona Beach  
 WESH 2 bug with 6:36 TC and temp  
 0706 WDIQ 2 AL Dozier  
 APT/PBS bug

0800 KPRC 2 TX Houston  
 713-789-AUTO in ad

Jul 20 Es (BR)

2032 KDTN 2 TX Denton Daystar; CW  
 1955, 2030 ABC/NBC, NBC 2240

Jul 21 Es (BR)

1647 KDTN 2 TX Denton Daystar bug,  
 preacher  
 1930 WPBT 2 FL Miami 2 WPBT SID with  
 program sked  
 1931 KDUH 4 NE Scottsbluff KOTA News  
 bug, ABC, Crown Butte mine  
 1932 KUSD 2 SD Vermillion SDPB/PBS  
 bug

Jul 22 Es (BR)

1102 WFOR 4 FL Miami CBS4.com  
 1108 W... 6 .. ... WBCK or WDCK NBC  
 HD bug (WECT NC?)  
 1555 KTVI 2 MO St. Louis  
 Fox 2 bug, Christina's Court  
 1615 KQTV 2 MO St. Joseph  
 KQ2 bug  
 1620 WDAF 4 MO Kansas City Fox 4,  
 Christina's Court  
 1639 KGAN 2 IA Cedar Rapids Ad: Des  
 Moines Adventureland  
 1639 .... 2 .. ...  
 Promo for Hour of Power on  
 Sunday morning  
 1722 WDIQ 2 AL Dozier  
 APT/PBS bug, Curious George  
 1728 WSB 2 GA Atlanta  
 WSB's 2 bug

Jul 23 Es (BR)

0759 KJRH 2 OK Tulsa  
 KJRH 2 News HD bug, Watch 2 Win  
 SID, wx  
 0800 KFOR 4 OK Oklahoma City  
 Seiling and other translators listed, NBC  
 0931 KQTV 2 MO St. Joseph  
 St. Jospheh ad, ABC, KQ2 bug

Jul 25 Es (BR)

1322 WBRZ 2 LA Baton Rouge WBRZ 2  
 Doppler, LSU ment, Price LeBlanc ad  
 1903 KBTV 4 TX Port Arthur  
 News re I-10 in Orange County, later NBC  
 1905 KPRC 2 TX Houston  
 2 bug with star

Aug 1 Es (BR)

2321 KJRH 2 OK Tulsa  
 2 HD kjrh.com bug

Aug 2 Es (BR)

0912 WMAB 2 MS Ackerman  
 M bug, cartoon; 2016 bug  
 0928 WESH 2 FL Daytona Beach  
 WESH 2 bug w/nx; 1800 SID; 2308 bug  
 1000 WEAR 3 FL Pensacola  
 ABC Kids, WEAR 3 SID  
 1708 WTVY 4 AL Dothan  
 4 WTVY bug top right, golf  
 1958 WPBT 2 FL Miami  
 2 bug with closing credits; 2226 fund  
 2042 WBRZ 2 LA Baton Rouge Calls



2043 WCBI 4 MS Columbus  
Tornado alert for Pickens County  
2045 WSB 2 GA Atlanta  
2 bug  
2332 WWL 4 LA New Orleans  
4 WWL bug & SID, Hwy 90 in Luling

Aug 3 Es (BR)

0032 WDIQ 2 AL Dozier  
APT bug (also 2242)  
0035 WKRN 2 TN Nashville  
615-256-9000 in ad  
0036 WMAB 2 MS Ackerman  
M bug  
0959 WPBT 2 FL Miami  
2 bug, fundraising  
1102 .... 2 .. ...  
Hour of Power  
1218 CKND2 2 MB Minnedosa  
Global not//7, Listen Up (also

2045)

1220 CBWT 6 MB Winnipeg  
CBC news promo  
1225 CBWFT 3 MB Winnipeg  
CBC French  
1230 KKJB 4 ND Fargo  
KX4 SID, Northland Windows ad  
1248 KUSD 2 SD Vermillion  
SDPB/PBS bug  
1257 KTIV 4 IA Sioux City  
4 bug, 712 AC in ad  
1300 KFYR 5 ND Bismarck  
NBC North Dakota News logo  
1826 KDUH 4 NE Scottsbluff KOTA  
Territory SID, ABC  
2042 WDAF 4 MO Kansas City  
Fox 4 with Simpsons  
2350 KJRH 2 OK Tulsa  
KJRH 2 HD bug

Aug 4 Es (BR)

0137 KFOR 4 OK Oklahoma City  
Ad: Fowler Honda (Norman)  
0940 WDAF 4 MO Kansas City FOX 4  
NEWS/ WDAF / K.C. bug  
0957 WBRZ 2 LA Baton Rouge Sherman  
Mack for DA, Breakfast 2une In  
0958 WDIQ 2 AL Dozier  
APT/PBS bug  
0959 KTVI 2 MO St. Louis  
Ad checks to Clayton  
1114 WAGA 5 GA Atlanta  
Fox 5 bug, Judge Joe Brown  
1745 WESH 2 FL Daytona Beach  
2 WESH bug, later local news  
1902 WDAF 4 MO Kansas City FOX 4  
NEWS / WDAF / K.C. bug  
1903 CKND 2 MB Minnedosa  
Global, Winnipeg news & weather, clear  
sig  
1917 CBWFT 3 MB Winnipeg  
CBC French, Radio Canada  
news, strong  
1918 CKCK 2 SA Regina  
CTV News re Regina & Yorkton, Moose  
Jaw ad

Aug 10 Es (BR)

0947 WSB 2 GA Atlanta  
2 bug, 1030 news promo

1011 WMAB 2 MS Ackerman  
Cartoon, M bug  
1104 WWL 4 LA New Orleans 504 AC in  
infomercial with local realtors  
1105 WDIQ 2 AL Dozier APT bug,  
cartoon  
1200 WPBT 2 FL Miami FL pgm  
promos, 2 SID in ID  
1215 WESH 2 FL Daytona Beach  
Halifax Health ad

Aug 11 ES (BR)

1659 WBRZ 2 LA Baton Rouge Price  
LeBlanc, WBRZ News 2 Louisiana SID  
2022 WMAB 2 MS Ackerman M bug  
2036 KUSD 2 SD Vermillion  
SDPB bug  
2046 KTVI 2 MO St. Louis  
Fox 2 mixing with NBC

Aug 12 Es (BR)

1100 KJRH 2 OK Tulsa  
HD Weather promo, 918-639-8102 in ad  
1101 KFOR 4 OK Oklahoma City  
Norman ad

Sep 2 Tr (TO)

0315 WYOU 22 PA Scranton  
CBS, Republican convention discussion  
2215 WAWW-LP 38 NY Rochester  
Home Shopping

Sep 20 Tr (TO – Bluffs)

2210 WSHH-CA 36 NY Rochester HSN  
//38  
2215 W42CO 42 NY Rochester TCT  
//26  
2225 W26BZ 26 NY Victor  
Rochester ads, 585/204 AC

Sep 24 Tr (TO)

0117 WBNX 55 OH Akron  
CW, strong, mixing with Global  
0116 WQHS 61 OH Cleveland  
Spanish, moderate colour signal  
1915 CFMT2 60 ON Ottawa  
Omni 1, Maury Povich Show

Jan 26 Es (BR)

1652 unID 2 Dr. Phil  
1700 WPBT 2 FL Miami PBS, Kids 2 Vision,  
Channel 2 Kids Club promo  
1702 WFOR 4 FL Miami Miami-Dade Fire  
Rescue in local news, CBS 4 bug  
1730 unID 2  
2HD logo (does WBRZ use this?)  
1730 unID 2 Your weather is about to become  
brighter; Jeopardy (2 stns?)  
1745 WBRZ 2 LA Baton Rouge Team  
Honda ad, WBRZ News 2 logo



**WTFDA STATISTICS - Fred Nordquist - 147 Travis Hill Rd - Moncks Corner SC 29461**

**STATES STATS - Most Political Unit (PU) TV Stations logged by Current/Former WTFDA Members.**

USA			USA			MEXICO			CANADA		
PU	#	DXER	PU	#	DXER	PU	#	DXER	PU	#	DXER
AL	58	JKA-	MT	9	JKA-	AGU	2	DOG-	AB	11	JKA-
AK	0	MGL-	NE	82	MSI4	BCN	2	PDY-	BC	1	RMI-
AZ	7	JKA-	NV	4	MSI4	BCS	4	DOG-	MB	10	FME1
AR	51	JKA-	NH	18	RBA-	CAM	3	DOG-	NB	40	RMI2
CA	55	RMI-	NJ	44	RSH-	CHP	3	DOG-	NL	11	RBA-
CO	26	JKA-	NM	6	GWE-	CHI	8	JKA-	NU	0	
CT	35	RBA-	NY	110	RBA-	COA	10	FGA-	NS	55	RMI2
DE	12	RBA-	NC	124	MSI1	COL	1	DOG-	ON	107	WHE-
FL	117	FGA-	ND	12	JKA-	DF	2	PDY-	PE	31	RMI2
GA	63	FNO1	OH	97	JKA-	DUR	2	DOG-	QC	62	RMI2
HI	10	SRE1	OK	69	JKA-	GTO	3	DOG-	SK	19	JKA-
ID	6	FME1	OR	2	MSI4	GRO	3	FGA-			
IL	116	JKA-	PA	96	RSH-	HGO	0		FOREIGN		
IN	87	JKA-	RI	14	RBA-	JAL	7	DOG-	PU	#	DXER
IA	96	MSI4	SC	74	FNO1	MEX	0		CUBA	12	FGA-
KS	45	JKA-	SD	42	MSI4	MIC	1	DOG-	D.REP	2	MSI2
KY	78	GWE-	TN	65	JKA-	MOR	0		EL SALVADOR	2	PDY-
LA	122	JKR-	TX	187	FGA-	NAY	2	DOG-	GUATEMALA	1	PDY-
ME	42	RBA-	UT	4	JKA-	NL	13	FGA-	HONDURAS	2	FGA-
MD	27	RBA-	VT	17	RBA-	OAZ	4	DOG-	NICARAGUA	4	MSI2
MA	63	RBA-	VA	100	RBA-	PUE	4	DOG-	PUERTO RICO	4	MSI2
MI	90	JKA-	WA	4	JKA-	QUE	1	PDY-	VENEZUELA	2	RBA-
MN	96	MSI4	WV	27	GWE-	QUI	4	DOG-	TRINIDAD	1	JKA-
MS	54	JKR-	WI	81	JKA-	SLP	2	DOG-			
MO	87	JKA-	WY	4	JKA-	SIN	4	DOG-			
			DC	18	RBA-	SON	6	DOG-			
						TAB	2	PDY-			
						TAM	24	FGA-			
						TLA	0				
						VCZ	6	DOG-			
						YUC	5	FGA-			
						ZAC	4	DOG-			

Note: There may be some ties (not listed).  
 If you have more current PU counts, send in your updates. 73 - Fred  
 email: nordquis@homesc.com

**Key to Dxer Initials:**

**Initials-Name-Location**

- DOG- Danny Oglethorpe - LA Shreveport
- FGA- Fernando Garcia - NL Monterrey
- FME1 Frank Merrill - IL Macomb
- FNO1 Fred Nordquist - SC Moncks Corner
- GWE- Girard Westerberg - KY Lexington
- JKA- Jeff Kadet - IL Macomb
- JKR- Jeff Kruszka - LA Baton Rouge
- MSI1 Matt Sittel - NC Raleigh
- MSI2 Matt Sittel - FL Tallahassee
- MSI4 Matt Sittel - NE Bellevue

**Initials-Name-Location**

- PDY- Pat Dyer - TX San Antonio
- RBA- Roy Barstow - MA Teaticket
- RMI- Randy Miltier - CA San Jose
- RMI2 Russ Miller - ME N Amity
- RSH- Richard Shaftan - NJ Sparta
- SRE1 Shel Remington - HI Keau
- WHE- William Hepburn - ON Brampton

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**The WTFDA AM DX list...send to [amdix-subscribe@wtfda.info](mailto:amdix-subscribe@wtfda.info)**

# Logging Hawaii in California



Now that we have several FM (and TV) DXers in (southern) California, it might be a good time to review the 'basics' of what it will take to 'hear' Hawaii on the infamous duct which appears sporadically between late May and September - sometimes even in mid-winter (but not often). The reverse path (California plus Mexico, et al) heard in Hawaii is the stuff of legends; Shel(don) Reynolds living at around 1,500 ' elevation in Hawaii has logged tens (hundreds?) of stations from the lower extremities of Mexico north to at least San Francisco but being a quite reclusive individual his exploits have never been properly detailed. Sheldon's interest in TV DX never matured so as we approach the end of the analog era (Hawaii switched off virtually all analog in January) the odds are neither he nor anyone else will find ducted (TV) reception in either direction anytime soon.

Observation of tropospheric ducts from Hawaii to the 'mainland' date back to at least the 1950s; the first hints came from airline pilots landing in San Francisco who, when switching to a 120 MHz region frequency to talk to San Francisco found Honolulu there instead as they were settling into the California landing pattern. John Chambers (deceased), W6NLZ, and a New Jersey transplant ham living in Hawaii (KH6UK) turned this knowledge into the first two meter (144 MHz) contact over the 2,500 mile

path and from those late 50's events all has flowed. Ducts vary in intensity, height, 'depth' and over the 50 intervening years much has been learned. First, the Hawaii end of the duct(s) nominally remains more elevated than the stateside end; hams in Hawaii often (but not always) have to go 'up' to elevations approaching 8,000 feet to break into the tropospheric layer while in California a 25 watt two-meter mobile on the shoreline in San Diego is 'perfect copy' on both VHF and UHF bands. On rare occasions the mainland side actually moves inland enough that hams in the Sierras well off the coast make the grade if their antennas are large enough and their power high enough. Hams as far north as British Columbia have at least heard the Hawaiian signals and from Seattle to Baja California there have been two-way contacts on 144 and 432 MHz. One time a ham in Reno, Nevada even made it across the Sierras!

Alas, working a Morse (CW) contact with a signal buried in the noise is one thing; hearing a Hawaiian FM station on the mainland is another. The primary problem is *not* the lack of signal; it is 'too many, too strong' signals - originating in California (or Oregon etc.). The first step is to get rid of the band-clobbering signals nearby and for any location in southern California that may not be possible. Every frequency from 88.1 to 107.9 is occupied, sometimes two, three or four times, between Santa Barbara and San Diego and while the Hawaiian signals could possibly be quite strong, they will seldom if ever be strong enough to override a much closer station.

Step one: Research and make a 'cheat sheet' of all higher power, elevated Hawaiian FM stations. Know their frequency, their format, and if they are in fact operating from an elevated location. Sheldon Reynold's experience at 1,500 feet ASL might be instructive; or it may not. Now find yourself a spot - no matter how difficult it may be - where you can set-up to listen on one or more of these identified channels without mind numbing overload from 'local' signals. Frankly, if I were making this my challenge, I would immediately search out a location between Santa Barbara and Monterey along or west of Highway 1, preferably right on the (Pacific) water around Grover Beach-Avila Beach, or better yet perhaps between Cambria and Big Sur. Here's why.

Duct signals wander up and down (elevation and area illuminated) as a function of time of day. Fifty years of experience tells us the 'at-water' seacoast locations usually work best between 3pm and 10pm but predicting when ducts will function for any given location is a fool's game. Next, have a way to know 'when' the ducts exist. The best suggestion I can make is to monitor the web site <http://www.dxworld.com/50prop.html> and look for reports from K6QXY (he is northeast of San Francisco) who can be counted on to report when there are ducting conditions to Hawaii. You can also once on the site click on '144 prop' at top for two-meter reports from others along the California coast. Not all ducts of course are created equal; some last hours, some days; some are strong, some are weak. Some favor 144 MHz, others 432 MHz or higher. FM (88.1-107.9) will be best when there are many reports of 144 MHz contacts between Hawaii and the west coast (even six meters or 50 MHz has made it on ducting on occasion). When K6QXY or others on that site say 'the duct is in' head to your pre-selected spot armed with your research; which frequencies to listen on, which format to listen for and note the easy to spot 'time zone' difference (Hawaii is typically two hours west of California).

The real advice here is to pre-hand-pick your DX-pedition location (just as Saul does in Ontario and Chris does in Michigan!) carefully, preferably in advance by making a test run to locate where you can park (a decent car radio may - 'may!' - be all you need) and have local shielding from the multitude of interfering stations along California's coastal area, on one or more frequencies known to be occupied by Hawaiian stations of moderate to high power and at some elevation. Would it be helpful to include a fold-up transportable FM antenna - even a Radio Shack version? Probably but if you are car-radio only, that presents a coupling challenge (not insurmountable but involving some wiring changes). The primary reason why I would seriously consider this option is to help with phasing out the unwanted California layers of signals. I have personally been on Mt Pinos (8,816 feet asl; drive to the top) off of highway 33 and south between Cuyama and Maricopa (northeast of Santa Barbara) with a suitable yagi under 'dead band' (summer) conditions and literally been able to log every FM station from Sacramento and San Francisco on the north to the Mexican border (a span of approaching 500 miles) with as many as ten (10!) on some channels. This is a wonderful spot NOT to try for Hawaii because you would never - ever - have enough antenna to eliminate one, two or five California stations on the same frequency. Plus - at 8,816 feet, you would most likely be *above* the duct anyhow. Remember - the great majority of Hawaiian ducts at some point stick to the ground on the eastern end which explains why one guy in San Diego actually made it to Hawaii with a two-meter handheld radio a few years back (oh yes - he had replaced the 'rubber ducky' antenna with a homebrewed five

(continued on page 39)

# TV DX: It'll Never Happen Again

Bob Cooper

May 9-10, 1988

During my 11 years residing on the Island of Providenciales (Turks & Caicos Islands; 21.7942N x 72.1832W), when not 'commuting' to distant points on average two weeks of each month I was very active as an amateur (VP5D) including all bands from 1.8 MHz through 432 MHz. The location was seaside (under 5' above high tide point; yes, hurricanes were a challenge!) on the north shore of this 23 x 3 mile banana shaped atoll and the only thing between me and the entire eastern seacoast of North America from Miami to Nova Scotia was Atlantic Ocean.

With a background in TV (and FM) DXing, by 1981 or so it was always a point to have a decent set of TV aerials (Channel Master as a rule) around 30' above the sand dune we called home. Over the



intervening years until May 1988 I had an iron clad personal rule; when home, I kept a TV set running on channel 2, an FM tuner (typically a Heath AJ-15) on some not occupied FM channel. At the first signs of lines on channel 2 or audio from the AJ-15, several things automatically happened.

First I turned on a six meter/50 MHz transceiver and announced "VP5D QRZ" (which is ham talk for "I am here - anyone out there?") If there was sound from the AJ-15, I also turned on a two meter transceiver. Over the years I managed to work (and confirm) 49 of the 50 US states on six meters (missed Alaska during one of my away jaunts but had previously worked all states as K6EDX and W5KHT; the California award was the first-ever granted to a Technician Class licensee and is nicely hand labeled numbered #21 dated March 14, 1957. Yes, some of us are VERY old!). On two

In 1985 Channel Master was a significant if not major advertiser in my CSD (Coop's Satellite Digest). All I had to do is ask - in this case the Chairman of The Board (Syl Hurlihy) who was a personal friend and had in 1979 visited in my Oklahoma living room asking me to convince him his firm should enter the satellite business. I did - they did. "Anything you need?" Syl would ask. Shamelessly I now admit I took great advantage of the editorial power of CSD whenever someone had something I could use. Provo by 1986 was awash in such "gifts". That included the defective Blonder Tongue CMA-b power supply

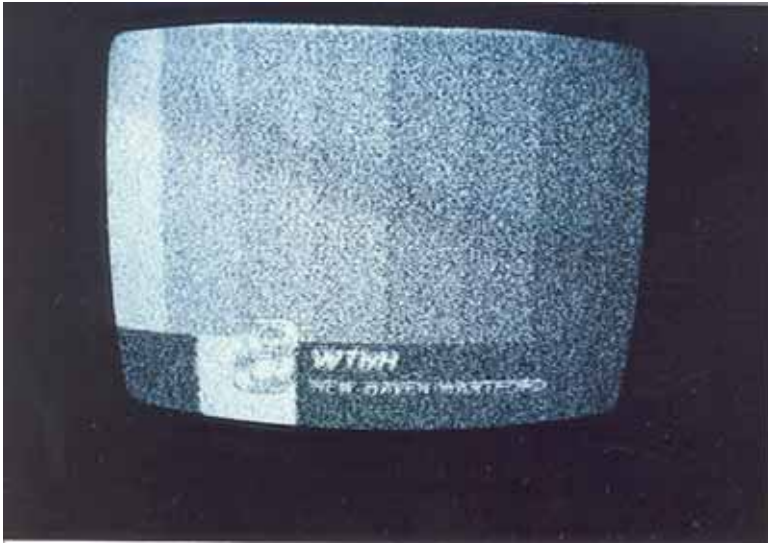
meters/144 MHz there were 31 states within 1,500 miles of me and a direct result of my monitoring the FM band 24 x 7 when home was contacts with 26 of these. The Turks & Caicos proved to be rather ideally located for high intensity Es clouds in that era. May 9, 1988 would be one of these days.

As soon as Es appeared on 144 MHz a second TV set connected to a separate antenna came on and using a modification to the tuner it would scan channel to channel as directed until it found a signal. It helped that there were no local TV signals save my own WIV-TV on channel 4 and the on-off switch for WIV was at arms length from my operating position; if I wanted channel 4 'clean' it developed a mysterious 'problem' and left the air. My logic for such a high-handed approach ("TV DXing on channel 4 is more important than the lead-in to the local 'Six O'clock News'") was technically sound; during a heavy Es opening most viewers lost WIV anyhow to Jacksonville or Washington or who knew what from where! Most often it would be a :58 - 02 four minute loss - coinciding with station break time out there in Es land.

The two meter band opened on Es around 5:30PM local time, stations in North Carolina, Virginia, eastern Tennessee in the typical 900-1000 mile range. Several dozen went into my log before the channel scanning TV pre-set for 7 - 13 locked up on two images. They would turn out to be WITN-7 and WGHP-8; straight out of the center of the two meter contacts. Both had previously been logged and for a half hour or more WITN just kept sitting there out of Greenville, North Carolina. Then the two meter signals went away, as they often did in a fast moving Es event but WITN still sat there only now it had become very stable and just strong enough to allow me to be certain it was them. I found this strange but went to dinner; even VHF DXers get hungry. The Es on low band dropped out and six meters when checked was the usual assortment of mid-Atlantic states, none very strong but only May 9 (local time) and the Es season was still young.

It was close to 10PM when I remembered having left the channel 7 receiver running and returned to the ham shack to shut it down. Not quite - for now when I pushed the scan-tune button it stopped on

8, 9, 10, 11, 12 and 13; high band was filled with signals! WITN was now replaced with WJLA-7 and by midnight it would be WABC-7. A quick check of the AJ-15 revealed the entire FM band filled with various level signals, only a few strong, but all very stable. A light came on in my head; *'This is the Mother of All Tropo Openings!'*



No amplifier here - just bare Channel Master antenna straight into a then-modern Sony TV. This one would not have made it in digital.

The two meter rig promptly came back into operation along with a seldom used ('I wonder if it still works?') 432 MHz 100 watt transceiver. A third TV connected to a 7' UHF parabolic also fired up and a quick check revealed many snowy, actually quite weak, signals but strangely virtually all were above channel 40. I'd work that out later; too late, actually.

Someplace in New Jersey at just past 11PM a two meter ham would later tell me *"I fell out of my chair when you came up on 144.2 SSB under dead-band conditions and said 'QRZ - This is VP5D in the Turks and Caicos Islands"*. Twelve-hundred mile-plus tropo out over the Atlantic Ocean with NO warning signs of any kind???



This one would probably have at least displayed ID information at peak upfades. The last signals seen, at 8AM May 10th, were Boston as the 'inversion trough' moved out to sea including channels 2, 4, 5, 7 and 38 (+)

The Mother of all Atlantic Coastal tropo inversions was away; more than 100 two meter and 432 MHz contacts spanning Maryland north to Maine, inland only as far as northern Connecticut and New Hampshire. Don Brown, W1JSM in Greenland, NH would scribe on his QSL card *"I heard you about S1 at 0315, you peaked S4 at 0425 (UTC of course); 1508 miles."*

The 432 signals with my modest (although large) single yagi and 100 watts were never huge but then I was hearing and working guys running as little as ten watts and small yagis. The VHF high band was slowly moving up the coast line at about 100 miles an hour; WJLA became WABC became WNEV on channel 7 and 8-13 were marching right along to the same beat. UHF-TV was now a puzzling distraction to serious ham work. It would be the following day after an all-night stint that quit only when my clock said it was 8AM on May 10th that the painful truth became clear. The power supply for the 2dB noise figure Blonder Tongue CATV grade UHF antenna mounted pre-amp on the 7' dish was not functional; the UHF signals that were leaking in (from such spots as



Right on the edge - perhaps 10 dB carrier to noise and well below what it would take to 'unlock' in digital, assuming a high quality 22 dB threshold tuner. But my oh my - 1505 miles on channel 13!

NYC, Connecticut, Massachusetts at distances reaching 1400 miles) were doing so through a turned-off non functional masthead

amplifier! Nuts and double nuts.

And I ran out of film of course or could not locate any under what might generously be described as 'stressful conditions'. In fact, the handful of off-screen images were shot with a film previously half used in a 35mm camera my son had stashed in his room (go into a dark room open the camera back, hand rewind the film leaving the tag so it can be reloaded into a new camera .... etc) all because his camera was not capable of being adjusted to F5.6 and 1/30th of a second.

The three shots shared here are representative: WNEV-7 Boston (1409 statute miles), WTNH-8 (1342 sm) and of course the corker - WGME-TV Portland on channel 13 at 1505 sm. Quite a 14 hours in all; every state along the eastern seaboard from North Carolina to Maine on high band, missing only Vermont in New England and New Jersey. But that was okay because one of the few UHF signals to make it through the dead CMA antenna amplifier was out of New Jersey.

**"WOW! What a classic duct! Wonder how often it happens?"** penned Rick Connor, WC2K on his 432.1 MHz QSL card from Tabernacle, NJ. Chances are that is a question we will never answer.

### TV DX: When in doubt - check satellite!

Sometime in 1979 from Guthrie, Oklahoma

Way-way back in September 1978 shortly after I had installed a 20 foot/6 meter satellite dish in my side yard (an act that would haunt me for the intervening 30 years) there was a TV DX opening which brought to my 7' UHF Channel Master dish reception from well down into Georgia and northern Florida. These were the 'golden days' of TV DXing, the gear was quite sensitive, LPTV and other channel clutter had not yet begun and you could actually expect TV stations to run 4-8 hours of well identified test cards or patterns most days. So there on my TV screen was Atlanta's WTTCG on its

original UHF channel (17; by 1979 WTBS), fighting some co-channel at 750 miles or so but on occasion showing a decent picture. I thought it might be amusing to place this reception on one-half of a two (9") TV screen monitor set and then connect the WTTCG satellite signal to the side by side screen; WTTCG via two modes simultaneously - "direct" as it were on tropo and via satellite. Yes, the C-Band signal had a slight delay to it having traveled nearly 50,000 miles to the terrestrial's 750. I ran the side by side images on the front cover of CATJ (Community Antenna Television Journal) shortly thereafter and there was a giant yawn from the cable TV industry readers. Well, I liked the symbolism anyhow even if they did not appreciate the feat.



KTVU on Es and satellite. The zero beat frame bar would most likely be Tulsa on channel 2; a mere 90 miles from the Guthrie, Oklahoma receiving location.



Just in case you don't buy this to be KTVU - local advertisement for a San Jose (Ca) firm during the same Es + satellite reception.

Recently while attempting to identify and segregate a modest collection of more than 15,000 photographic prints which have chased me around the globe I ran across another similar set although this one involved not tropo but Es. Sometime in 1979, I suspect the month of May from the negative set, there was one of those Sporadic E openings which brought to me from Oakland/San Francisco station KTVU on channel 2. It happened that KTVU was also being trialed on C-Band satellite at the same time and having already done it once - twin screens side by side and so on - I made the appropriate hard wire connections and the result is here (twice -

although I actually shot around six different sets of side by sides - these two I happen to like the best). The zero-beat frame bar in the (Es) reception on the left? Without checking my guess would be channel 2 Tulsa which was snowfree at my home on an appropriate antenna at a more modest 90 miles (KTVU worked out to 1280).

Alas KTVU did not remain on satellite and as we are all now painfully aware, it is no longer available on channel two analog either. A fleeting memory never to be repeated again.

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Return this form with your dues or make a copy of it and return that.

### HAWAIIAN TROPO CONTINUES FROM PAGE 35

element two meter yagi but his power was under 5 watts; it works out to 0.002 watts per mile which is pretty good in anyone's book.)

TV? Sorry - the (analog) opportunity has passed and unless you are prepared to use a suitable antenna (such as Dennis Smith's five foot parabolic dish) and carefully select a location where the set top box might decode a Hawaiian UHF signal. The odds are against you but then if you did it, you'd have a distance record that might never be surpassed!

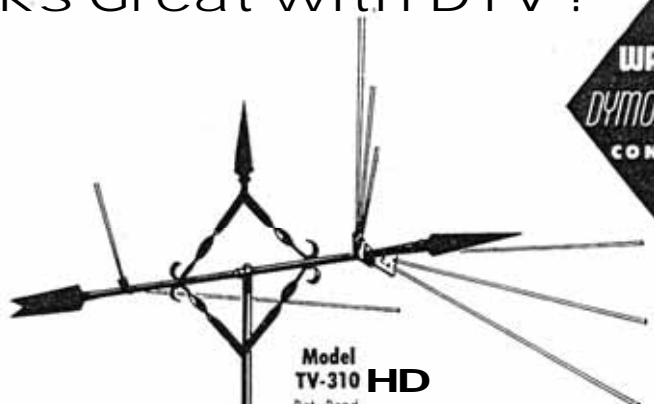
In summary, it has been a curiosity to me (after nearly 60 years of TV-FM DXing) that nobody has ever logged a Hawaiian station via ducting (setting aside double hop Es and F2) from the mainland. It is not really a big challenge but it will require some careful research and planning - and like all things DX - *Being in the right place at the right time - on the right frequency!*.

Bob Cooper in New Zealand


# WARD TV Antennas

Works Great with DTV !

WARD'S  
DYMON-VANE  
CONICAL



Model  
TV-310 HD  
Pat. Pend.



WARD'S Dymon-vane is one of the new WARD Tele-vane TV Antennas. Tele-vanes, the newest concept in TV antennas, are designed to add beauty to the housetop and to make any owner proud to own one. With its black wrought iron appearance, the Dymon-vane has a weather-vane look that enhances the appearance of any home.

The Dymon-vane is an 8 element conical for VHF channels 2 through 13 in metropolitan areas, cross-

arm 1" O.D. Permatube with flat black finish. Both models are new fold-up design with parabolic principle reflector and preassembled for easier installation.

**Model TV-310**—Single Bay. Individually packed. Shipping wgt. 15 lbs. ea. 6 units standard quantity.

**Model TVS-315**—Double Bay. Individually packed. Shipping wgt. 28 lbs. ea. 3 units standard quantity.

**Model TV-77**—Stacking Kit for stacking 2 two-bay units into 4-bay unit.

