

# 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: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK AND MIKE BUGAJ.

## VHF-UHF DIGEST ELECTRONIC EDITION **DECEMBER 2001**

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### CHECK THIS LIST!

In order to keep your VUD arriving at your home without interruption, look for your name on this list. Your membership ends on the last day of the month shown. Renew **early!**

\*\*\*\*\*

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Weather Radio DX – Matt Sittel  
Northern FMDX – Keith McGinnis  
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Time Tunnel – Tom Bryant  
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This month's VUD features some F2 DX heard and even seen from the period of the last half of October to mid-November. F2 is there if you want it. Part two of the Technical Topics reprint on E skip also appears this month. The Leonids peaked on Nov 18<sup>th</sup> and plenty of WTFDA members were on the WTFDA list to listen to the meteors and watch them outside. We should see some good reports soon!

*Although we try, we make no guarantee that every column appearing in the paper VUD will appear here in the eVUD.*

### WTFDA CHAT

What better way to spend an evening than by talking via computer to your DX friends, comparing notes, shooting the breeze and having an overall good time. WTFDA chat does that for you and Talkcity.com is the way we do it. Talkcity is a closed IRC network and most IRC commands are available for veteran chatters. Access to Talkcity is made through the Talkcity website (webchat) or their IRC clients called TC-Pirch or TC-Ircle.

To talk on WTFDA chat, use the URL listed below. Our room name is #wtfda. You will find a box that asks you if you already know where you want to go. Just type wtfda in the box and click GO. If you have already registered with Talkcity you will soon find a chat screen appearing. If this is your first time on chat you will need to register first.

<http://www.talkcity.com/chat> **Tuesday and Friday Evenings at 10:00PM EST**



# The Mailbox

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## DECEMBER 2001

Anybody out there interested in F2 skip? We've had some very interesting skip conditions out there since the end of October. Here on the east coast the California Highway Patrol frequencies on 42mhz are very busy most days. I've heard them here as early as 10:30AM local time and after I return from work 'till about 5:30PM local time. Jeff Kadet picked up NZ video signals and I may have stumbled on NZ TV audio on 50mhz myself. And on the 3<sup>rd</sup> of November I heard that infamous 48.260 video "buzz" on my scanner at 11:00 AM. It turned out that Saturday was a great day for US hams into Europe on 50mhz. Too bad I couldn't actually "see" what I was listening to but it still was a thrill.

## MEMBERS AND MORE

We have nobody new this month but we do have plenty of renewals this time. On our list this time we have **Kurt Nelson**(PA), **Joe Fela** (the Pinball Wizard)(NJ), **Paul Kinnaly**(MA), **John Adams**(OR), **Karl Zuk**(NY), Mr. Capecod Radio, **Steve Solomon**(MA), **Bill Nollman**(the RDS wizard)(CT), **Robert Delaney**(IL), **Donald Niles**(WV), **John Callarman** (the man from Krum)(TX), **Jeff Kitsko**(PA), **George Hamer**(NY), **John Rieger**(WI), **Mike** (WQUN) **Collins**(CT), **Steve Branch**(MI), **Marvin Shults**(IL) and **Chris Carter**(MS).

The experiences we've lived through since September 11 had me wondering how our membership base would hold up and I'm happy to report that it has held up quite well. In fact we are doing better in 2001 than we did in 2000...and we didn't do bad in 2000!

One person who could not join us for another year is AntennaPerformance owner and APS antenna designer Ed Hanlon. Ed has gone through some life changes recently and has moved from his home in Bolton, CT to a new residence and has also begun a new job in addition to his antenna design and manufacturing. Because of his new home and job, Ed told me that he has

absolutely no free time left for any hobbies. I hate to see him go, but we all know that sometimes life deals you a lousy hand and you need to make the best of it.

From our newest member **Mike Friedel** in Houston: "I found out about the club from a link on one of the ham pages that I was looking at. I got the form I believe from a link on your (web)page. I have not been very active as a TV or FM Dxr for about 16 years which is about how long we have been at this house. At our old house I had a 7 foot dish for UHF TV at about 40 feet and a Radio Shack FM antenna mounted below it, both with preamps.

This club has got my interest back up and I am expecting to get some antennas back up soon. I have a 60 foot crank-up tower in my backyard that my ham antennas are on (2 meter and 70cm). I like to work sideband on both of those freqs. I also have an empty 40 foot tower on the side of my house that is just begging for a TV and FM antenna to be put on it. I have toyed with the idea of putting them on the bigger tower along with my ham antennas but I don't know what I will do". Thanks for the info, Mike. Give a Dxr an empty tower and he'll certainly find something to put on top of it.

From **Jim Ayers** in Atlanta: "Say, a fellow where I work (WSB Radio Group) told me he spotted me leaving the studio with a VUD. OK. Later It occurred to me I've NEVER brought a VUD to work! (well, this is a good time to start -Mike) This fellow works at WSB-FM and used to be a WTFDA member. We talked Dxing for quite a while. Do you know if any other current club members work at WSB?" So Jim, I'm asking the question...does anybody here work at WSB? Raise your hand!

A quick note from **John Ridge** of Brooklyn: "I work three blocks from the World Trade Center. I happened to be out on the street when the second jet hit. I will never forget it! Two neighbors were lost and I seem to know a lot of people who were related or with friends or others."

## **HDTV PRICES UNDER \$2000**

DTV Wow! or DTV Yikes! This post off the WTFDA list explores the pros and cons of HDTV. This from **Tim Cronin**:

“ Actually, for what you get, \$2,000 isn't a bad price at all for an HD-ready set. However, there are caveats.

First, in virtually all cases (and I've prowled many an aisle of many an electronics store), it's a projection set, but the picture is better than NTSC projection sets at similar prices (Panasonic makes a sensational 47-inch 16:9 projection set that can be had for \$1,899 at our local Circuit City). If you prefer CRT-based displays, you're essentially out of luck. (And the plasma and LCD "Hang on the Wall" models are off the charts for all but millionaires, up in the "DOUBLE YIKES" neighborhood.)

Second, the HD tuner generally isn't included. As with component stereo or today's Dolby Surround and the like, that's a separate purchase. An RCA model with DirecTV tuner included goes for about \$550, probably less. So now we're up to \$2,500+.

Third, there's the paucity of HD material on the air. Of the major commercial networks, CBS is the leader, ABC a distant second, NBC well back in third, and Fox isn't even playing the game. (We're hoping Fox's experiments with HD slow-motion means the network will televise the Super Bowl in HD this year, as ABC and CBS did the last two years, but at this date, it's only a hope. Fox's only HD show so far was the movie "Independence Day" in May of 1999.)

Fourth, many people still don't know HDTV is out there. The networks mention a program's in HDTV, but if you're watching on a regular set and don't know what HD is, the uninformed might think they're already seeing it. (Remember how many people can't even program a VCR.) NBC's peacock told people watching in black-and-white they were missing color TV. So far, HD doesn't have a similarly easy method of announcing it's presence, or lack thereof, on a set.

Fifth, there's no easy-to-find listing of HD programs, except on the web, and that's not local. TV Guide could be a leader here, but isn't. Indeed, the digital channels aren't even listed (a signal from the transmitter automatically tells a tuner to list WGN-DT as 9 rather than the actual Channel 19 it broadcasts on, incidentally).

Having said that, I think at \$2,000, an HD-ready set is a bargain for those who want it. Consider:

First, we're only in the third full year of Digital TV, a.k.a. HDTV for the purposes of this note. Limited though network programming is (and local even more so, save for a few markets), there's far more HD programming on the air than there was color programming in 1956, Year 3 of color TV. What color there was could be found on then-RCA-owned NBC, with a few programs on CBS and a splash of color on a few local stations with visionary leaders. It took until 1965 for NBC to present prime-time programs (plus The Huntley-Brinkley Report) in full color. That's the equivalent of 2009 in the HD timeline, but CBS's prime-time HD lineup is already there, save for news magazines and taped "reality" game shows.

Second, add in satellite feeds of HBO, Showtime and the new HDNet (www.hd.net), a sports-oriented network half-owned by Dallas Mavericks owner (and Broadcast.com founder) Mark Cuban, and there's plenty of national HD programming available.

Third, even that vast majority of people who have 16:9 HD-ready sets but don't have the HD tuner can use them to watch widescreen DVDs. The anamorphic versions of DVDs are made for the 16:9 screen, and look terrific. They're far better on most DTV sets than NTSC in part because digital sets usually have 3:2 pull-down reversal (or whatever it's called), eliminating one albeit slight annoyance. And combined with a progressive scan DVD player, things get even better.

You're right that the price is still at the "YIKES" level. But I think the "WOW" factor will win people over, as it eventually did with color TV and the VCR.”

## **LAST BUTTE NOT LEAST**

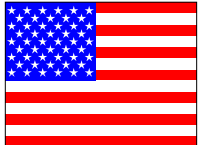
One of our members asked me for a list of actual television transmitter locations. That would be a huge amount of work on my part plus I'd need to buy reams and reams of paper and take some vacation days to run it off. The better solution is for you to either buy a computer or run down to your local library and go to the FCC website TV query and look at the maps because every station has a map! Quick and simple! Now, go out there and have a super holiday season and look out for winter E skip! –Mike

# FMI NEWS

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|--|---|--|
| <p><b>KEY TO ABBREVIATIONS:</b><br/>       &amp;: satellite programming<br/>       AF: New frequency allocation <b>accepted for filing</b> for a new FM license<br/>       AFA: American Family Association<br/>       CC: <b>call letter</b> change<br/>       CL: <b>city of license</b> change<br/>       CX: a <b>construction permit</b> has been <b>canceled</b><br/>       C1,C2,etc: a change in status to that FM license <b>class</b><br/>       DA: <b>directional antenna</b><br/>       DE: station has been <b>deleted</b><br/>       FC: <b>format change</b><br/>       GA: <b>granted amendment</b> to the table of FM allocations<br/>       GE: <b>granted extension</b> of construction permit</p> | <p>GX: <b>granted replacement</b> of expired permit<br/>       LC: <b>license to cover</b> filed (means station is ready to come on air)<br/>       MC: <b>multiple-city</b> legal ID<br/>       NC: <b>no change</b> yet on a reported change/permit<br/>       ND: <b>non-directional</b> antenna<br/>       NO: <b>not on the air</b><br/>       NS: <b>new station</b> granted<br/>       NW: <b>new station</b> signs on<br/>       OSA: <b>one-step application</b> granted for change<br/>       PA: <b>proposed amendment</b> to change FM table of allocation<br/>       PC: <b>power change</b> on the air ("<b>&gt;</b>" for increase, "<b>&lt;</b>" for decrease, when known)<br/> <i>Ital. Calls: LPFM station</i><br/>       PG: <b>power change</b> granted ("<b>&gt;</b>" for</p> | <p>increase, "<b>&lt;</b>" for decrease, when known)<br/>       QC: <b>frequency change</b> occurred<br/>       QG: <b>frequency change</b> granted<br/>       RA: silent station <b>returns to air</b><br/>       RE: station <b>requests extension</b> on permit<br/>       RX: station <b>requests replacement</b> of expired permit<br/>       SG: <b>slogan change</b> or update<br/>       SI: <b>station is silent</b><br/>       XA: <b>dismissed amendment</b> to FM allocations<br/>       XC: <b>transmitter site change</b> occurred<br/>       XG: <b>transmitter site change</b> granted</p> |
|--|---|--|



## United States

### ALABAMA:

Addison: WQAH 105.7 FC to classic country (CC ex WYAM)  
 Atmore: WYDH 105.9 FC to Jones rhy. Oldies (&) (Mobile)  
 Birmingham: WBPT 106.9 CC (ex WODL), FC to 80's hits  
 Eufaula: WRVX 97.9 FC to classic country  
 Homewood: WODL 97.3 CC (ex WRLR), FC to oldies  
 Ozark: WAQG 91.7 PC> 3 kW

### ALASKA:

Anchorage: KMXS 103.1 PG> 51 kW, C1, 7 ft, DA, XG: 61-7-14 / 149-53-42

### ARIZONA:

Bagdad: KBJU 103.1 LC  
 Dolan Sps: KOAS 105.7 CC (ex KBYE) "The Oasis"  
 Douglas: KEAL 95.3 reported SI  
 Drake: KRTE 89.5 inc. to 2947', DA  
 L. Havasu City: KJJJ 102.3 PC> 1050w, 2671'  
 Tusayan: KSGC 92.1 PC> 5.1 kW

### ARKANSAS:

Colt: KTRQ 102.3 FC to oldies, CL from Brinkley, AR, Class C2, PC> 40 kW, 551'

### Arkansas:

Hampton: KBPW 88.1 NW, American Family cont. Christian  
 Horseshoe Bend: \*NS 106.5 6 kW, 328 ft.  
 Heber Sps: KAWW 100.7 FC to classic rock  
 Marked Tree: KJBR 93.7 FC to K-Love cont. Christian (&)  
 Mena: KQOR 105.3 PC 12.5 kW, 469', XC: 34-32-42 / 94-18-21  
 Hoxie: KJLV 105.3 CC (ex KOCY), FC to K-love cont. Christian (&)

### CALIFORNIA:

Arnold: KBYN 98.9 PC 980w, 807', XC: 38-22-42 / 120-11-36  
 Arnold: KCFA 106.1 XC: 38-22-42 / 120-11-36  
 Bakersfield: KKBB 99.3 adds Lex & Terry  
 Carnelian Bay: KODS 103.7 FC to classic hits  
 Copperopolis: KRVR 105.5 inc. to 787 ft.  
 Johannesburg: KEDD 103.9 RA with Jones adult standards // KLOA  
 Julian: KLVJ 100.1 PC> 100w, 2228', DA  
 La Quinta: KUNA 96.7 PC> 970w  
 Merced: KAJZ 107.7 QG to 107.9, B1, 1750w, 1227 ft, CL: North Fork, CA, XG: 37-17-42 / 119-33-5

### California:

Mission Viejo: KSBK 88.5 PG> 1.5 kW, 702 ft, DA, class B1  
Mt. Bullion: KCIV 99.9 PC> 1960w  
Needles: KNKK 107.1 PC< 2190w  
Orange Cove: KMAK 100.3 FC to classic hits  
Pt. Arena: KSRT 107.1 PG 1.2 kW, 443', XG: 38-48-4 / 123-2-56, CL: Cloverdale, CA  
Riverside: KELT 92.7 PG 280w, 1473', XG: 34-36-44 / 117-17-27, CL: Adelanto, CA  
San Bernardino: KVCR 91.9 PC> 3.8 kW, class B  
San Diego: KYXY 96.5 PC 26.5 kW, 686 ft, XC: 32-50-17 / 117-14-57  
San Diego: KIFM 98.1 PC 26.5 kW, 686 ft, XC: 32-50-17 / 117-14-57  
San Diego: KFMB 100.7 XC: 32-50-17 / 117-14-57  
San Diego: KBZT 94.9 PC 26.5 kW, 686 ft, XC: 32-50-17 / 117-14-57  
San Diego: KIOZ 105.3 PG 23.5 kW, 715', XG: 32-50-21 / 117-14-57  
San Jose: KSJS 90.5 PC> 1.4 kW, 548 ft, DA  
Santa Margarita: KWWV 106.1 adds T-Man AM  
Seaside: KTEE 103.9 PC> 1.5 kW, 659 ft, XC: 36-35-9 / 121-55-19  
Tehachapi: KKZQ 100.1 NW, WW1 rhythmic oldies (&) (Lancaster)  
Yucaipa: KLRD 90.1 PC> 550w, 3642', class B, DA, XC: 34-3-18 / 116-53-35

### COLORADO:

Aspen: KSPN 103.1 QC from 97.7  
Avon: KZYR 97.7 QC from 103.1  
Dolores: \*NS 89.5 500w, 174 ft.  
Julesburg: KKAS 96.5 PG> 100 kW, C1, 558 ft, XG: 40-51-42 / 102-23-35  
Morrison: KLDV 91.1 class C0, inc. 1207', DA  
Pagosa Springs: \*NS 89.7 200w, 1273 ft  
Sterling: KNNG 104.7 adds Jones CD Country (&)

### CONNECTICUT:

Hartford: WCCC 106.9 PC< 23 kW, 725 ft, XC: 41-47-48 / 72-47-52  
Hartford: WQTQ 89.9 PG> 115w  
New Haven: WYBC 94.3 PC> 3 kW, 472', DA, XC: 41-20-59 / 72-58-23  
Norfolk: WSGG 89.3 LC  
Stonington: WAXK 102.3 adds Bob & Tom  
Torrington: WAPJ 89.9 FC to variety

### DISTRICT OF COLUMBIA:

Washington: WASH 97.1 PG 17.5 kW, 794', XG: 38-57-1 / 77-4-47

### DELAWARE:

Ocean View: WZEB 101.7 PC> 3.3 kW, 446', DA, XC: 38-31-24 / 75-17-55 (Maryland xmtr)  
Middletown: WAFY103.1 dec. to 456', XC: 39-25-5 / 77-30-4

# 91.3 WVUD

The Voice of the University of Delaware

### FLORIDA:

Apalachicola: WFCT 105.5 FC to adult stds (&)  
Bonifay: WYYX 97.7 adds Lex & Terry  
Dade City: WTMP 96.1 CC (ex WMGG) "La Mega"  
DeFuniak Sps: WAKJ 99.3 reported SI

Englewood: WYNF 105.9 FC to hot talk  
Jensen Beach: WMBX 102.3 FC to rhythmic CHR  
Jupiter: WJBW 106.3 FC to modern AC  
Madison: WXHT 102.7 PG> 19 kW, 377' XG: 30-38-23 / 83-26-52  
Marathon: WWWK 97.7 FC to CHR  
Murdock: WHHD 98.9 NW, hot AC  
Ocala: WMFQ 92.9 XC: 29-04-45 / 82-5-31  
Ormond by the Sea: WHOG 95.7 drops Bob & Tom  
Plantation Key: WFKZ 103.1 class C2, PG> 50 kW, 449 ft, XG: 24-57-33 / 80-34-30  
Port Charlotte: WKFF 100.1 FC to hot talk  
Sebastian: WINT 95.9 CC (ex WBKM) "The Blast"  
Tallahassee: WFSQ 91.5 PG 97 kW, 692', XG: 30-21-21 / 84-36-38

### GEORGIA:

Fayetteville: WEGF 97.5 FC to black gospel in late October (Atlanta), CC (ex WHTA)  
Gray: WJZY 96.5 CC (ex WRNC) "Cat Country 96"  
Griffin: WMVV 90.7 PG> 18 kW, C2, 472 ft, DA, XG: 33-22-12 / 84-8-0  
Hampton: WHTA 107.9 FC to modern rock "The End" (moves in from Macon) CC (ex WPEZ, WEGF)  
Jeffersonville: WPEZ 93.7 CC (ex WMGB), FC to a/c (Macon), "Z 93.7"  
Montezuma: WMGB 95.1 CC (ex WEGF) "B 95.1"  
Ocilla: WKAA 97.7 PG> 3.7 kW, 417', XG: 31-31-40 / 83-20-1  
Peachtree City: WXVV 96.7 CC (ex WLDA), FC to hot AC (Atlanta), "Mix 96.7 & 105.7"  
Pearson: WPNG 101.9 PC 12.9 kW, C3, 459', DA,  
Quitman: WSTI 105.3 PG> 25 kW, C3, XG: 30-38-23 / 83-26-52  
Savannah: WAEV 97.3 adds Kidd Kraddick (AM)  
Talking Rock: WNSY 100.1 C3, PG 7 kW, 617 ft.  
Thomasville: WTLY 107.1 FC to a/c (Tallahassee)  
Waycross: WASW 88.5 QC from 91.9, PC 600w, 522', XC: 38-10-38 / 83-24-24  
Waycross: WWUF 97.7 PG> 6 kW

### IDAHO:

Boise: K206CT 89.1 NS-on air, cont Christian music  
Boise: KBSX 91.5 PC 3.7 kW, 2713', XC: 43-45-21 / 116-5-54  
Boise: KIZN 92.3 PC> 48 kW, 2717', XC: 43-45-21 / 116-5-54  
Boise: KBSU 90.3 PC 17.5 kW, 2713', XC: 43-45-21 / 116-5-54  
Boise: KQFC 97.9 PC> 48 kW, 2717', XC: 43-45-21 / 116-5-54  
Coeur d'Alene: KICR 102.3 NW, ABC Real Country // KIBR (&), "The Bear"  
Nampa: KKGL 96.9 PC> 48 kW, 2717', XC: 43-45-21 / 116-5-54  
New Plymouth: KZMG 93.1 PC> 48 kW, 2717', XC: 43-45-21 / 116-5-54  
Wallace: KTWD 97.5 C1, PC 12 kW, 2211', DA  
Soda Springs: KFIF 100.1 CC (ex KFIS)

### ILLINOIS:

Cairo: WBEL 88.5 NW, American Family cont. Christian  
Carthage: WCEZ 93.9 inc. to 328', XG: 40-25-13 / 91-15-19  
Chicago: WZZN 94.7 FC to modern rock  
Chicago: WLUP 97.9 PG 4 kW, 1394'  
Chicago: WNND 100.3 PG 5.7 kW, 1394'  
Chicago: WUSN 99.5 PG 5.7 kW, 1394'  
Danville: WIAI 99.1 FC to classic hits  
Decatur: WYDS 93.1 PG 4.6 kW, 367 ft, DA, XG: 39-47-11 / 88-59-29  
E. Moline: KUUL 101.3 adds Bob & Tom AM  
Evanston: WOJO 105.1 PG 5.7 kW, 1394'  
Freeport: WFPS 92.1 FC to country  
Genoa: WYCH 106.3 CC (ex WSQR)  
Maroa: WDKR 107.3 FC to WW1-oldies (&)  
Pana: WEGY 100.9 PG 6 kW, 328 ft, XG: 39-47-11 / 88-59-29, CL to Macon, IL  
Pekin: WBNH 88.5 PG> 12 kW, class B, 584 ft, XG: 40-43-25 / 89-29-4  
Petersburg: WLWJ 88.1 LC  
Quincy: WCOY 99.5 PG 100 kW, class C1, 489 ft, XG: 39-56-30 / 91-35-3  
Rock Island: WHTS 98.9 drops Bob & Tom AM  
Urbana: WKIO 92.5 PC 16 kW, 410 ft, XC: 40-0-45 / 88-8-29

### INDIANA:

Auburn: WXTW 102.3 CC (ex WEJE, WXTE) "Extreme", "X 102.3"  
Boonville: WYXY 107.1 FC to classic hits  
Edinburgh: WYGB 102.9 PC 3.8 kW 226', XC: 39-12-26 / 85-55-14  
Hanna: WHLC 98.9 NW, religious teaching  
Lebanon: WIRE 91.1 PC> 3.2 kW (v), 220 ft, DA, XC: 40-3-48 / 86-26-36  
Marengo: WBRO 89.9 FC to variety  
Mitchell: WMBL 88.1 LC  
Mt. Vernon: WYFX FC to ABC Real Country // WRCY (Evansville) (&)  
Newburgh: WDKS 106.1 XC: 37-53-16 / 87-32-36  
Seymour: WJLR 91.5 adds K-Love cont. Christian (&)  
Terre Haute: WZZQ 107.5 reported SI  
Vincennes: WATI 89.9 PG< 4.5 kW, XG: 38-41-47 / 87-26-27  
Washington: WAMW 107.9 CC (ex WYER)

### IOWA:

Ankeny: KVJZ 106.3 CC (ex KLYF), FC to smooth jazz (Des Moines) "V 106.3"  
Clinton: KZEG 94.7 inc. to 328', XC: 41-54-34 / 90-13-28  
New London: KKNL 97.3 NW, a/c // KKMI  
Osage: KSMA 98.7 PG> 25 kW, C3, 328 ft, XG: 43-21-43 / 93-2-53, CC (ex KWMM) "Kiss FM"  
St. Agnar: KJCY 95.5 FC to cont. Christian, CC (ex KHAM)  
Storm Lake: KAYL 101.7 PG< 50 kW, class C2

### KANSAS:

Goodland: KKCI 102.5 FC to Jones a/c (&)  
Herington: KJRL 105.7 FC to cont. Christian  
Hutchinson: KSKU 97.1 PG> 50 kW, C2, 492', XG: 37-48-3 / 97-56-49

### KENTUCKY:

Bowling Green: WWHR 91.7 PG> 3 kW (cir), 344' XG: 37-0-18 / 86-31-19  
Carlisle: WBVX 92.1 CC (ex WSTL) "B92", PC> 32 kW, class C2, 610 ft, XC: 38-11-19 / 84-22-13  
Elkhorn City: WPKE 103.1 FC to hot AC  
Frankfort: WKYW 104.9 FC to oldies (&)  
Lexington: WBBX 92.1 CC (ex WSTL), RA with 80's hits "B92"  
Russellville: WUBT101.1 CC (ex WZTO), FC to urban contemp. (Nashville) "The Beat"  
Tompkinsville: WTKY 92.1 PC 4.4 kW, 387', XG: 36-48-37 / 85-39-6

### LOUISIANA:

Alexandria: KCJM 107.9 LC  
Atlanta: KNSN 106.5 LC  
Baker: WJNH 107.3 PG 4270w, 389' XG: 30-28-26 / 91-3-37  
DeRidder: KROK 92.1 XC: 30-48-35 / 93-29-29  
Hammond: WHMD 107.1 PG 3230w, 453 ft, XG: 30-25-32 / 90-17-01  
Houma: KCIL 107.5 PG<28,780w, C2  
New Orleans: WRBH 88.3 PG 51 kW, 623 ft, XG: 29-56-59 / 89-57-28  
New Orleans: WBSN 89.1 PG 8.5 kW, 623 ft. XG: 26-56-59 / 89-57-28  
Rayne: KBEB 106.7 CC (ex KLTW) "Oldies 106.7"

### MAINE:

Brunswick: WCLZ 98.9 CC (ex WTPN)  
Camden: WMEP 90.5 PG 2 kW (v), 1217 ft.  
Camden: WQSS 102.5 FC to rock AC  
Dexter: WGUY 102.1 PC< 23 kW  
Topsham: WJJB 95.5 CC (ex WCLZ)

### MARYLAND:

Baltimore: WQSR 102.7 CC (ex WXYV), FC to oldies, "Good Time Oldies"  
Catonsville: WXYV 105.7 CC (ex WQSR) FC to urban (Baltimore) "X 105.7"  
Ocean City: WWFG 99.9 PG  
Ocean City: WRXS 106.9 PG 2050w, 384 ft, ND, XG: 38-19-39 / 75-11-49  
Takoma Park: WGTS 91.9 PG 23.7 kW, 610 ft, XG: 38-53-30 / 77-7-55  
Williamsport: WKMZ 95.9 CC (ex WLTF), FC to soft AC (Hagerstown)

### MASSACHUSETTS:

Harwichport: WDTV 93.5 FC to modern rock, then hot talk and sports (Cape Cod)  
Webster: WORC 98.9 PC 1880w, 410 ft.

### MICHIGAN:

Flint: WGRI 88.9 FC to K-Love cont. Christian (&)  
Hart: WCXT 105.3 PC 28 kW, C2, 659', XC: 43-40-34 / 86-14-20  
Houghton: WOLV 97.7 PG 2.4 kW, XG: 47-8-6 / 88-33-53  
Manistee: WVXM 97.7 PG 2.5 kW, 515 ft.  
Negaunee: WNGE 99.5 FC to WW1 oldies (&)  
Portage: WFAT 96.5 FC to classic hits  
St. Helen: \*NS 91.3 3kW, 328 ft.  
W. Branch: WBMI 105.5 RA with Jones Hot AC (&)

### MINNESOTA:

Bemidji: KCRB 88.5 PG 100 kW, 850', XG:  
47-41-29 / 94-31-6  
Bemidji: KNBJ 91.3 PG 80 kW, 850', XG: 47-  
41-29 / 94-31-6  
Caledonia: KCLH 94.7 FC to classic rock  
Duluth: KDAL 95.7 FC to a/c  
Faribault: KBGY 107.5 FC to Salem cont.  
Christian // WXLK-FM (&)  
Hibbing: KADU 90.1 reported SI  
Lake City: KLCH 94.9 PG< 5 kW, DA, XG: 44-  
29-15 / 92-13-55  
Mahnomon: KRJM 101.5 NW, oldies  
Moose Lake: KBFH 106.9 PC> 6 kW, 118 ft, XC:  
46-30-20 / 92-41-10  
N. Branch: KMKL 90.3 NW, K-Love cont.  
Christian (&), "K-Love"  
New Ulm: KXLP 93.1 adds Bob & Tom AM

### **MISSISSIPPI:**

Belzoni: WBYP 107.1 PG 9.4 kW, 531 ft.  
Decatur: WZKR 103.3 inc. to 591 ft.  
Greenville: WBAQ 97.9 PC> 49 kW (h)  
Ocean Springs: WQYZ 92.5 CX CP for 322', XC:  
30-27-9 / 88-51-21  
Oxford: WAVI 91.5 PG > 7.5 kW (v), 575',  
DA, C3,  
Tupelo: WAJS 91.7 QC from 90.9, class C2,  
PC> 23 kW, 505', XC: 33-55-35 / 88-39-46

### **MISSOURI:**

Bowling Green: KPCR 94.1 FC to cont. Christian  
// KHCR  
Columbia: KFMZ 98.3 reported SI  
Columbia: KOQL 106.1 FC to CHR "Q 106.1"  
Eldon: KBMX 101.9 reported SI  
Jefferson City: KILK 104.1 CC (ex KJCQ) FC to  
country  
Lebanon: KCLQ 107.9 PC 19 kW, ND, 669 ft,  
XC: 37-48-11 / 92-33-1  
Mansfield: KTRI 95.9 PC> 6 kW, XC: 37-2-18 /  
92-40-29  
Otterville: KCVK 107.7 CC (ex KOTT), FC to  
cont. Christian, teaching // KCVO-FM  
St. Louis: KWMU 90.7 dec. 948', class C1  
W. Plains: KSMW 90.9 NW, info and classical //  
KSMU

### **MONTANA:**

Superior: KTLC107.5 RA with a/c CC (ex KREO)

### **NEBRASKA:**

Blair: KBLR 97.3 NW, ABC a/c (Omaha)  
Blair: KKY 101.3 reported SI, CC (ex  
KISP), LC, QC from 101.5, PC> 50 kW, 499',  
ND, XC: 41-21-25 / 96-8-2  
Bridgeport: KAWQ 101.3 inc. to 1112', XC: 41-50-  
23 / 103-49-36, NW, country "Kolt-FM"  
Falls City: KLZA 101.3 PC> 25 kW, class C3  
Imperial: KURK 102.9 class A, PG< 270w, 30 ft,  
XG: 40-31-00 / 101-38-32, LC  
Kearney: KQKY 105.9 PC 97.8 kW, 1204', XC:  
40-36-8 / 98-50-21  
Whiting: KKY 101.3 RA with country

### **NEVADA:**

Incline Village: KTHX 100.1 PG 12.2 kW, C1,  
2161 ft, DA, CL: Dayton, NV, XG: 39-15-34 /  
119-42-21  
Mesquite: KVEG 97.5 LC

Wendover: KVUW 102.3 CC (ex KOAS)

### **NEW HAMPSHIRE:**

Farmington: WMEX 106.5 inc. to 486 ft.  
Peterborough: WFEX 92.1 PC 170w, 1388 ft, XC:  
42-51-41 / 71-52-45

### **NEW JERSEY:**

Cape May: WMID 102.3 CC (ex WSAX)  
Ocean City: WTKU 98.3 FC to gold AC

### **NEW MEXICO:**

Cloudcroft: KTMN 97.9 LC  
Gallup: KKOR 94.5 FC to rhythmic CHR  
Grants: KDSK 92.7 FC to WW1 hot country  
(&)  
Grants: KMIN 100.7 CC (ex KXXQ) FC to  
oldies  
Los Alamos: KZNM 106.7 FC to tejano CC (ex  
KKPL) "Radio Sol"  
Santa Fe: KCHQ 105.1 FC to smooth jazz //  
KRQS

### **NEW YORK:**

Albany: WCPT 100.9 FC to adult standards  
(November 2<sup>nd</sup>)  
Brockport: WMJQ 105.5 PG> 6 kW, 328 ft, ND,  
XG: 43-18-38 / 77-53-42  
Canandaigua: WCIY 88.9 PG 500w, 1043 ft, XG:  
42-44-51 / 77-25-24  
Canton: WRCD 101.5 PG> 50 kW, class C2,  
453 ft, DA, XG: 44-35-56 / 74-46-24  
Jamestown: WCOT 90.9 PC> 12 kW, class B,  
653' ND, XC: 42-00-06 / 79-3-19  
Lake Success: WKTU 103.5 PC 8 kW, 850 ft,  
XC: 40-45-22 / 73-59-12  
Morristown: WNCQ 102.9 QG to 96.7, C3, PG 17  
kW, 354', DA, CL: Canton, NY  
Ravena: WKLI 94.5 FC to rock  
S. Bristol: WLCL 107.3 FC to rhythmic oldies  
(Rochester)  
Southport: WOKN 99.5 PG 1250w, 725 ft, XG:  
42-7-51 / 76-47-26  
Sylvan Beach: WBGJ 100.3 PC< 1460w, 203 ft,  
XC: 43-15-34 / 75-44-41  
Utica: WRVN 91.9 CX CP for 1850w, -95',  
as moot  
Wethersfield Twp: WNSA 107.7 PG> 19.5 kW,  
DA

### **NORTH CAROLINA:**

Ahoskie: WBKU 91.7 PG 87 kW, 430', DA, XG:  
36-5-45 / 77-12-30  
Bath: \*NS 90.1 13.5 kW, 115 ft  
Bayboro: WRUP 97.9 NW, ESPN Sports  
Eden: WWCC 94.5 corrects to 981 ft.  
Elkin: WIFM 100.9 PG 470w, 705', XG: 36-  
11-50 / 80-50-13  
Greenville: W210BQ 89.9 NS-10w: WPCS-FL  
Reidsville: WJMH 102.1 XC: 36-16-33 / 79-56-26  
Rose Hill: WZUP 104.7 FC to cont. Christian //  
WAGO (New Bern)  
Southern Shores: WFMI 100.9 inc. to 486 ft.

### **NORTH DAKOTA:**

Harwood: KGBZ 100.7 adds Bob & Tom

### **OHIO:**

Canton: WKDD 98.1 PC 50 kW, 354', XC: 40-  
57-12 / 81-19-20

E. Liverpool: WOGF 104.3 PG 26.4 kW, 679', DA  
Jefferson: WCVJ 90.9 XG: 41-37-50 / 80-45-35  
Newark: WNKO 101.7 PG> 4.1 kW, 397 ft.  
Pleasant City: WBIK 92.1 dec. to 169', XG: 40-1-37 / 81-33-9  
Zanesville: WJIC 91.7 NW, religious teaching

### **OKLAHOMA:**

Alva: KTTL 105.7 NW, Jones a/c  
Broken Arrow: KNYD 90.5 PG< 88 kW  
Frederick: KYBE 95.9 FC to country  
Healdon: KNOR 97.7 LC  
Henryetta: KXBL 99.5 CC (ex KCKI) "99.5 The Bull" (Tulsa)  
Pocola: \*NS 88.1 22 kW, 300 ft.  
Ponca City: KIXR 104.7 PC 25 kW, 292', C3

### **OREGON:**

Bend: KMTK 99.7 PG> 30 kW, C2, DA  
Creswell: KUJZ 95.3 CC (ex KKTT), FC to smooth jazz (Eugene)  
Salem: KRSK 105.1 PC> 97 kW  
Scappoose: KFIS 104.1 FC to cont. Christian (Port.), CL from Tillamook, OR, PC> 6.9 kW, C2, 1266', XC: 45-29-20 / 122-41-40 "The Fish"  
Toledo: KTTL 100.7 PC 17.5 kW, 837', C2, XC: 42-45-23 / 124-03-01  
Welches: KZRI 90.3 LC

### **PENNSYLVANIA:**

Beaver Falls: WAMO 106.7 PG 38 kW, 568', ND, XG: 40-37-11 / 80-5-37  
Bellefonte: WZWW 95.3 PG< 790w, XG: 40-53-35 / 77-51-48  
Charleroi: WOGL 98.3 PG 3.5 kW, 440 ft, XG: 40-28-20 / 79-59-41, CL: Duquesne, PA  
Cresson: WBXQ 94.7 QC from 94.3, PC 970w, 794', XC: 40-24-11 / 78-31-35  
Erie: WQHZ 102.3 CC (ex WLKK), FC to classic hits, "Z-102"  
Fairview: WRPL 93.9 NW, rock (Erie)  
Greensburg: WSSZ 107.1 PG 4.3 kW, 305', DA, XG: 40-17-56 / 79-20-33  
Hazleton: WAOZ 97.9 FC to classic rock, CC (ex WXBE), "Z Rock"  
Masontown: WRIJ 106.9 PG 980w, 810 ft, XG: 39-42-17 / 79-46-30  
Mercersburg: WSRT 92.1 FC to hot AC  
Mill Hall: WVRT 97.7 CL from Jersey Shore, PA  
Olyphant: WEOZ 95.7 FC to classic rock // WXBE, CC (ex WXAR), "Z Rock"  
Palmyra: WWKL 92.1 reported SI  
Philadelphia: WMMR 93.3 PG 16.5 kW, 866 ft.  
Riverside: WLGL 92.3 PC> 930w  
Trout Run: WCIT 90.1 NW, cont. Christian // WCIK

### **SOUTH CAROLINA:**

Andrews: WGTV 100.7 PC 3.1 kW, 446', XC: 33-24-03 / 79-27-30  
Atlantic Beach: WSEA 100.3 FC to rhythmic CHR // WJXY-FM (Myrtle Beach)  
Bishopville: WKHT 93.7 FC to country  
Bowman: WSPX 94.5 FC to black gospel // WFMV  
Briarcliff Acres: WWSK 107.1 adds Bob & Tom

Greenwood: WPEK 96.7 reported SI, PG 700w, DA, 965 ft, XG: 34-55-16 / 82-24-5, CL to Maudlin, SC  
Kingstree: WWKT 99.3 FC to ABC urban AC (&)  
Loris: WVCO 94.9 PG 11.2 kW, 489', C3  
Myrtle Beach: WYAV 104.1 drops Howard Stern  
Pawleys Island: WDAI 98.5 PG> 6.1 kW, C3, 667', XG: 33-35-27 / 79-2-55  
Surfside Beach: WYAK 103.1 adds John Boy & Billy AM Drive (Myrtle Beach)  
Wedgefield: WIBZ 95.5 adds John Boy & Billy AM, PC> 6 kW, 328 ft.

### **SOUTH DAKOTA:**

Canton: KYBB 102.7 inc. to 486', XC: 43-28-48 / 96-41-5  
Mitchell: KMIT 105.9 inc. to 653', XC: 43-44-16 / 98-14-39  
Rapid City: KZLK 106.3 NW, a/c

### **TENNESSEE:**

Bartlett: WMFS 92.9 FC to modern rock "93X"  
Germantown: WYYL 107.5 PG> 3.9 kW, class A, 407 ft, XG: 35-10-30 / 89-44-25  
Goodlettsville: WRQQ 97.1 FC to 80's hits (Nash.)  
Middleton: WTCK 100.7 NW, urban AC  
New Johnsonville: WAYW 88.7 LC  
Sweetwater: WLOD 98.3 CC (ex WDEH), FC to oldies

### **TEXAS:**

Baird: KAGT 95.1 inc. to 741 ft, XC: 32-17-6 / 99-38-39  
Big Lake: KWTR 104.1 LC  
Comfort: KCOR 95.1 FC to Spanish hits  
Corpus Christi: KBSO 94.7 FC to Americana "Texas Radio"  
Dallas: KYNG 105.3 XG: 32-35-5 / 96-57-46, 1821 ft.  
Edinburg: KBFM 104.1 inc. to 1224', XG: 26-6-2 / 97-50-21  
Floydada: KFLP 106.1 QC from 95.3, C3, PC> 25 kW, XC: 33-58-7 / 101-21-15  
Gainesville: KDOS 107.9 PG> 100 kW, C1, 981', DA, XG: 33-19-42 / 97-3-56, CL: Lewisville, TX  
Georgetown: KTND 107.7 adds Kidd Kraddick AM  
Groves: KCOL 92.5 FC to oldies, CC (ex KTFA)  
Hemphill: KTHP 103.9 PG 4.5 kW, 377', XG: 31-25-24 / 93-50-30  
Hempstead: KEZB 105.3 FC to WW1 country // KULF (College Station)  
Jacksboro: KJKB 95.5 QC from 101.7, PC 3.7 kW, 420 ft, DA  
Longview: K201HI 88.1 NS-50w: KCZO  
Muleshoe: KMUL 103.1 PC> 6 kW, 75 ft., XC: 34-13-39 / 102-44-10  
Paris: KPLT 107.7 FC to ABC a/c

### **Texas:**

Portland: KMJR 105.5 CC (ex KRAD), FC to regional Mexican (C. Christi)  
Rockport: KRTX 102.3 FC to CHR  
Tulia: KLGD 104.9 RA with country  
Victoria: KQVT 92.3 CC (ex KVLT), "Tejano 92", then FC to a/c



Wichita Falls: KKT 103.9 CC (ex KQXC) "Hot 103.9"  
Woodville: KVLL 94.7 XG: 31-16-30 / 94-48-55, CL: Wells, TX

### UTAH:

Levan: KCFM 99.1 QG to 96.7, class C, PG> 100 kW (h), 1890', DA, XG: 39-20-11 / 111-27-5  
Tremonton: KNFL 104.9 CC (ex KACE) "K105 the Kar Cruisin' Classics"

### VERMONT:

Springfield: WXKK 93.5 CC (ex WCFR) "Kixx Country"

### VIRGINIA:

Abingdon: WFHG 92.7 PC 1.6 kW, 627', XC: 36-41-31 / 82-9-16  
Buena Vista: WREL 96.7 PC 2 kW, 1135 ft, B1, XC: 37-43-37 / 79-18-25  
Chase City: WFXQ 99.9 FC to urban contemp.  
Exmore: WEXM 106.1 NW, adult alternative // WKOC  
Orange: WJMA 98.9 height is 322'  
Richmond: WRXL 102.1 adds Dee Snider AM drive (orig. from WMRQ Hartford)  
Roanoke: WRXT 90.3 FC to cont. Christian // WPAR

### WASHINGTON:

Mabton: KLES 98.7 reported SI (Yakima)  
Seattle: KZOK 102.5 adds Bob Rivers AM Drive  
Spokane: KYWL 103.9 CC (ex KWHK), FC to rhythmic CHR, "Wild 103.9"  
Spokane: KDRK 93.7 PG> 60 kW, 2425', XG: 47-34-14 / 117-4-55  
Walla Walla: KWCW 90.5 dec. to -52 ft., XC: 46-4-11 / 118-19-51

### WEST VIRGINIA:

Martinsburg: WLTF 97.5 CC(ex WKMZ), FC to soft AC (Hagerstown), "Lite 97.5"

### WISCONSIN:

Tomah: WVCX 98.9 dec. to 984', XC: 43-51-10 / 90-27-36

### WYOMING:

Casper: KMGW 96.7 CC (ex KMLD), FC to A/C, "Star 96.7"  
Casper: KMLD 94.5 CC (ex KMGW), FC to ABC oldies (&) "Melody 94.5"  
Cody: KTAG 97.9 inc. to 1890', XC: 44-29-42 / 109-9-10  
Pine Bluffs: KASX 105.3 LC

### AMERICAN SAMOA:

Leone: KNWJ 104.7 QC from 93.9, PC 280w, 1499', XC: 14-19-21 / 170-45-47(E)

### GUAM:

Agana: KOKU 100.3 PC> 50 kW, 541', C1, XC: 13-29-17 / 144-49-35(E)

### VIRGIN ISLANDS:

Charlotte Amalie: WVPI 104.3 PC< 19.5 kW, 1545', XC: 18-21-31 / 64-58-20



## CANADA

### ALBERTA:

Lloydminster: CKLM 106.1 CC (NS)

### BRITISH COLUMBIA:

Abbotsford: CFSR 850 QG to 107.1, 215w  
Chilliwack: CKVX 107.5 PG< 303w  
Kamloops: CJFC 550 QG to 100.1, 3.5 kW  
Nanaimo: CKEG 1570 QG to 106.9, 1.6 kW  
Nanaimo: CHLY 101.7 NW, variety  
Squamish: CISQ 107.1 PC< 12.4 kW  
Vernon: CJIB 940 QG to 107.5, 46 kW

### NEW BRUNSWICK:

Fredericton: CBAF1 102.3 PG< 84 kW  
Fredericton: CBZ 101.5 PG< 81 kW, inc. height  
St. John: CBD 91.3 PG< 81 kW, inc. height

### NORTHWEST TERRITORIES:

Deline: CBQO 105.1 FC to variety // CBWK-FM  
Yellowknife: CIVR 93.3 QG to 103.5

### NOVA SCOTIA:

Anigonish: CJFX 98.9 PG> 2750w

### ONTARIO:

Burlington: CJXY 107.9 CC (ex CING), FC to rock  
Campbellford: CKOL 93.5 QG to 93.7, PG>500w  
Cornwall: CFLG 104.5 PG< 15 kW  
Cornwall: CJSS 106.9 PG< 1420w  
Hamilton: CING 95.3 CC (ex CJXY), FC to rhythmic CHR "Energy Radio"  
Hamilton: CIWV 94.7 PG> 3.6 kW  
Newmarket: CKDX 88.5 FC to adult standards  
Owen Sound: CKYC 93.7 CC (NS)  
Toronto: CBLA 99.1 PG> 55.1 kW  
Toronto: CJBC 90.9 PG> 5730w

### QUÉBEC:

Asbestos: CJAN 1340 QG to 99.3, 6 kW  
Dolbeau-Mistassini: CHVD 1230 QG to 100.3, 49 kW  
Grande-Vallee: CJMC-4 92.7 QG to 103.1  
Riviere-du-Loup: CIEL-1 93.9 CC (ex CJFP-1)  
Riviere-du-Loup: CIEL 103.7 CC (ex CJFP)  
Roberval: CHRL 910 QG to 99.5, 16.6 kW  
St-Jerome: CIME 103.9 PG> 11.7 kW  
Sherbrooke: CBM-1 89.7 PC> 25 kW  
Windsor: CIAX 98.3 PG< 28w, CC (NS)

### SASKATCHEWAN:

Regina: CHMX 92.1 FC to a/c "Lite 92"



## MEXICO

### CHIHUAHUA:

Cd. Juarez: XHTO 104.3 FC to CHR (El Paso)

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
W9WI@w9wi.com

<http://www.w9wi.com>

## Abbreviations:

|    |  |    |   |
|----|--|----|---|
| AF | Applied for (a new station)                    | PC | Power (or tower height) change on the air |
| CA | Class A status request/grant                   | PG | Power (or tower height) change granted    |
| CC | Call change                                    | PR | Power (or tower height) change requested  |
| CL | City-of-license change                         | QC | Channel change on the air                 |
| DE | Station deleted                                | QG | Channel change granted                    |
| FC | Programming (format) change                    | QR | Channel change requested                  |
| GA | Granted amendment to the table of allocations  | SI | Off the air ("silent")                    |
| LC | License to cover (for changes or new station)  | XC | Transmitter site change on the air        |
| NO | Not on the air                                 | XG | Transmitter site change granted           |
| NS | New station granted permit                     | XR | Transmitter                               |
| NW | New station on the air                         |    |   |
| PA | Proposed amendment to the table of allocations |    |   |

## News:

### Alaska:

Ketchikan 34 new AF \*dismissed\*  
Nome 2 new AF \*dismissed\*  
Nome 14 new AF \*dismissed\*  
Nome 20 K20GW NS, 15kw,  
64-30-07/165-24-26  
Nome 22 new AF \*dismissed\*  
Seward 34 new AF \*dismissed\*

### Alabama:

Birmingham 14 W14CT QG from W34BI  
Demopolis 38 new AF \*dismissed\*  
Dothan 2 new AF \*dismissed\*  
Greensboro 3 WDVZ-LP PG>3kw,  
32-52-40/87-36-53  
Mobile 30 W30BX QG from W52BF  
Montgomery 5 WBXM-CA PR>0.7kw  
**Montgomery 32 WNCFPG <1799kw**  
Montgomery 53 W53CD QG from W61DH, 20kw  
**Opelika 31 WWSW-DT NS450kw/418m,**  
**32-19-25/84-46-46**

### Arkansas:

Fort Smith 10 KFDF-CA req. LC from ch. 46, 3kw  
Hot Springs 49 KTVV-LP QG from ch. 63, 3.2kw,  
34-30-19/93-05-06

### Arizona:

Bisbee 41 new AF \*dismissed\*  
Camp Verde 23 new AF \*dismissed\*  
Camp Verde 32 new AF \*dismissed\*  
Dolan Sprs. 35 K35EI requests LC for QG from  
no offset to minus  
**Douglas 3 KFTU CC from KBGF; FC to**  
**Telefutura**  
**Flagstaff 13 KFPH CC from KDUO; FC to**  
**Telefutura**  
Globe 43 K67AB QR from ch. 67, 0.16kw  
Hilltop 36 K36AX PR<10.9kw,  
35-06-37/113-52-55 \*dismissed\*  
38 new AF \*dismissed\*  
Holbrook 50 new AF \*dismissed\*  
Holbrook  
Phoenix 35 KFPH-CA CC from KOND-LP; FC  
to Telefutura

**Tucson 19 KTTU-DT NS 1000kw/612m**  
**Tucson 35 KGUN-DT PG>480kw/1123m**  
Tusayan 21 new AF dismissed

Tusayan 33 new AF dismissed  
Verde Valley 21 K61BG QR from ch. 61  
\*dismissed\*  
Verde Valley 23 K23FZ QG from K65BK, 1.22kw  
Verde Valley 55 K55IY QG from K63BG, 0.16kw  
Winslow 38 new AF \*dismissed\*  
Winslow 43 new AF \*dismissed\*

### California:

Bishop 39 new AF \*dismissed\*  
Boonville 32 K67CC QR from ch. 67, 0.63kw  
Boonville 42 K63CE QR from ch. 63, 0.63kw  
**Corona 39 KVEA-DT PR>132kw/886m,**  
**34-13-27/118-03-45**  
Long Beach 18 KSCI requests LC for PG  
2583kw/899m, 34-12-50/118-03-40  
Los Angeles 41 KLCS-DT NS 162kw/901m  
Los Angeles 58 KLCS PR>902m  
Mammoth Lakes 39 new AF \*dismissed\*  
Modesto 19 KUVS requests LC for  
PG>576m  
Ontario 46 KFTR CC from KHSC-TV; FC  
to **Telefutura**  
Palm Springs 12 KYAV-LP requests LC for  
PG>0.99kw  
**San Jose 48 KSTS PR 3030kw/688m**  
**\*dismissed\***  
Simi Valley 33 KSMV-LP QG from ch. 44, 11.6 or  
12.5kw, 34-13-32/118-03-57  
Sta. Barbara 51 KBAB-LP QG from ch. 38, 3.57kw,  
34-27-58/119-40-37  
**Stockton 13 KOVR requests LC for**  
**PG>610m**  
**Vallejo 66 KFSF CC from KPST-TV; FC**  
**to Telefutura**  
Van Nuys 25 KWJD-LP NW, 1.2kw,  
34-12-06/118-27-19  
Yreka 23 new AF \*dismissed\*  
Yreka 51 new AF \*dismissed\*

### Colorado:

Alamosa 33 new AF \*dismissed\*  
Alamosa 39 new AF \*dismissed\*  
Alamosa 44 new AF \*dismissed\*  
Cortez 44 K44GB QG from K53DR, 4kw  
Steamboat Sprs. 33 new AF \*dismissed\*

### Connecticut:

Hartford 46 WUVN-DT PR>217kw/269m  
41-46-30/72-48-04 or 130kw/457m, not  
sure which  
Norwich 53 WEDN PR<630kw/204m,  
41-31-14/72-10-03

### Florida:

Daytona Bch 28 WDYB-LP QG from ch. 53, 50kw,  
29-13-57/81-02-14  
Inglis 26 WYKE-LP QG from ch. 49, 18.3kw,  
but rescinded.  
Jacksonville 42 WJXT-DT PR>294m, go  
directional  
Key West 14 new AF \*dismissed\* (3 apps)

### Florida:

Marathon 34 W24CA QR from ch. 24, 18.5kw,  
25-32-24/80-28-09 near Homestead  
Matecumbe 43 W32AB QR from ch. 32,  
120.5kw, 25-32-24/80-28-09 near  
Homestead  
Melbourne 56 WFUO CC from WBSF; FC to  
Telefutura  
Miami 22 WFOR-DT PG>1000kw/298m  
Ocala 31 WOGX-DT PG<500kw  
Orlando 24 WMFE-TV PG<380m  
Pensacola 19 W19CO QG from ch. 31  
Tampa 30 WTAM-LP QG from ch. 6, 15kw,  
27-50-56/82-15-48  
Tampa 50 WFTT CC from WBHS-TV; FC  
to Telefutura  
Trenton 45 new AF \*dismissed\*  
Vero Beach 10 WWC1-CA PG>3kw

### Georgia:

Albany 34 W61DF QR from ch. 61, 6.3kw,  
31-26-43/84-07-53  
Athens 34 WUVG CC from WHOT-TV; FC  
to Univision  
Atlanta 20 W20AU FC to ShopNBC (was  
dark)  
Atlanta 23 W23CH QG from ch. 24, 18.1kw  
Hazlehurst 56 W56DU req. LC for QR from ch.  
63  
Moultrie 19 W19CP QG from ch. 21, 150kw,  
31-12-55/83-47-13  
Savannah 13 WXSX-LP CC from W13CC to  
WBVX-LP, then to this.

### Hawaii:

Hilo 5 new AF \*dismissed\*

### Idaho:

Boise 20 K10MY LC for QC from ch. 10,  
23.4kw,43-44-23/116-08-14.  
Boise 26 KTVB-DT PG>948kw/785m  
Hailey 25 new AF \*dismissed\*  
McCall 25 new AF \*dismissed\*  
McCall 43 new AF \*dismissed\*  
McCall 48 new AF \*dismissed\*  
Sun Valley 25 new AF \*dismissed\*

### Illinois:

Aurora 60 WXFT CC from WEHS-TV; FC  
to Telefutura  
Champaign 7 W07DD requests LC for QG from  
ch. 21, 0.9kw  
Champaign 32 W32CM QG from ch. 39  
Effingham 54 WEIL-LP req. LC from ch. 41,  
18.8kw  
Springfield 35 W35BR QG from ch. 33

### Indiana:

Indianapolis 65 WDNI-LP requests LC for QG from  
ch. 53, 40kw, 39-49-29/86-09-23

Shelburn 29 new NS, 40kw,  
39-13-03/87-22-35

### Kansas:

Pittsburg 49 new AF \*dismissed\*

### Kentucky:

Louisville 28 WBKI-CA CC from W28CC  
Morehead 21 WUPX-DT NS 719kw/434m  
Morehead 67 WUPX-TV CC from WAOM  
Owenton 44 WKON-DT NW, 49.7kw/214m  
Talbert 21 W26BK QR from no offset to  
minus  
Talbert 25 W24BT QR from ch. 24, 100kw,  
38-02-23/84-24-10 near Lexington

### Louisiana:

Alexandria 38 K38EG PR>150kw,  
30-16-45/93-14-45 near Lake Charles

### Louisiana:

Alexandria 52 K57GK QR from ch. 57, 89.4kw,  
30-21-43/92-12-52 near Opelousas  
New Orleans 22 WTNO-LP PG>50kw,  
29-58-28/90-08-37  
New Orleans 41 K41HB QG from K66FW  
Shreveport 47 K47HO QG from K67FD  
Tullos 23 new AF \*dismissed\*  
Tullos 44 new AF \*dismissed\*

### Massachusetts:

Boston 24 WVXN-LP FC to MTV2  
Marlborough 66 WFUB CC from WHUB-TV; FC  
to Telefutura

### Maryland:

Annapolis 61 W61BY requests LC, 1kw,  
38-59-13/76-33-12  
Annapolis 63 W63BP requests LC, 1kw,  
38-59-13/76-33-12  
Ocean City 14 WBLP-LP QG from ch. 22, 8kw,  
38-33-08/75-13-23  
Salisbury 12 new AF \*dismissed\*

### Maine:

Bangor 33 WBGR-LP PR>150kw  
Biddeford 45 WMEA-DT PR<50kw/231m,  
43-25-00/70-48-17

### Michigan:

Alpena 26 new AF \*dismissed\*  
Alpena 34 new AF \*dismissed\*  
Cheboygan 28 new AF dismissed  
Crystal Falls 25 WUPT-CA requests LC from ch. 49  
Gladstone 51 new AF \*dismissed\*  
Mt. Pleasant 60 W60CO requests LC, 0.24kw,  
43-41-56/84-46-11  
Munising 33 new AF \*dismissed\*  
Sault Ste Marie 52 W52CB NW, 0.01kw,  
46-23-48/84-23-52  
Traverse City 52 W52CP NW, 0.01kw,  
44-46-13/85-41-43

### Minnesota:

Duluth 23 new AF \*dismissed\*  
Duluth 40 new AF \*dismissed\*  
Grand Marais 65 K27FV QR from ch. 27, 0.5kw,  
47-46-04/90-20-47  
Intl. Falls 42 new AF \*dismissed\*  
Minneapolis 4 WCCO-TV requests LC for  
PG>452m  
Minneapolis 32 WCCO-DT requests LC,  
1000kw/433m  
Minneapolis 43 K43HB QG from K67HG  
Minneapolis 45 KSTC-TV PR>430m

### Missouri:

Branson 59 KNJD-LP requests LC for QG from ch. 19, 10.5kw

Chillicothe 49 new AF \*dismissed\* (Public Notice says Maryland but coordinates are in Missouri)

**Columbia** 42 new AF \*dismissed\*  
**Kansas City** 7 KMBC-DT AF, 85kw/357m

Macon 35 new AF \*dismissed\*

Macon 44 new AF \*dismissed\*

**Sedalia** 6 KMOS-TV requests LC for  
PG>100kw/602m,  
38-37-36/92-52-03

Springfield 47 KWBS-LP QG from ch. 56, 1kw,  
37-13-08/92-56-56

### Mississippi:

Hattiesburg 30 new AF dismissed

Meridian 32 W32CN QG from ch. 54, 63.7kw,  
31-15-08/89-20-23 near  
Hattiesburg

Meridian 36 W36CU QG from ch. 56,  
106.9kw, 30-42-30/89-05-06 near  
Wiggins

### Mississippi:

Meridian 51 W65DE QR from ch. 65, 37.2kw,  
29-58-41/89-56-26 near New Orleans, LA

Meridian 53 W53CE QG from ch. 48,  
107.1kw, 31-40-52/89-05-44 near Laurel

### Montana:

Big Sky 48 new AF \*dismissed\*

**Billings** 11 KULR-DT PR 6.08kw/191m

Glasgow 23 new AF \*dismissed\*

Miles City 24 new AF \*dismissed\*

Miles City 41 new AF \*dismissed\*

**Missoula** 7 KPAX-DT QR fm. ch. 35,  
28kw/623m

### North Carolina:

Buxton 17 new AF \*dismissed\*

Buxton 50 new AF \*dismissed\*

**Charlotte** 11 WTVI-DT NS 2.2kw/363m

**Manteo** 4 WSKY-TV NW, 100kw/314m,  
36-08-08/75-49-28

Wanchese 6 WMTD-LP CC from W06BW

Wanchese 23 new AF dismissed

Wenatchee 35 new AF \*dismissed\*

### Nebraska:

Neligh 40 K39AL QR, 7.6kw

Norfolk 26 new AF \*dismissed\*

Omaha 50 K50GY QG from K67FM

### New Jersey:

**Newark** 68 WFUT CC from WHSE; FC to  
Telefutura

**Vineland** 65 WUVP CC from WHSP-TV; FC  
to Univision

### New Mexico:

Albuquerque 48 KTFN-LP CC from KLUZ-LP; FC to  
Telefutura? (FCC DB says KTFA, Public  
Notice says KTFN)

Gallup 14 new AF \*dismissed\* (3 apps)

Grants 31 new AF \*dismissed\*

Grants 40 new AF \*dismissed\*

Grants 49 new AF \*dismissed\*

Las Vegas 47 K06ED requests LC from ch. 6,  
1.2kw, 35-37-59/105-14-10

**Santa Fe** 9 KNMD-TV CC for NS; to be PBS

Shiprock 32 K32FK QC from ch. 61, 1.78kw

Shiprock 32 K32FK QG from ch. 61, 1.78kw

Truth or Cons.40 new AF \*dismissed\*

### Nevada:

Las Vegas 19 KKJK-LP PG>155kw  
Lovelock 24 K60DM requests LC for QR from  
ch. 60, 4kw

### New York:

**Albany** 23 WXXA-TV PG>3675kw/363m

**Carthage** 35 WWNY-DT NS 1000kw/203m,  
already applied for PG<5kw/200m

**Corning** 50 WYDC-DT NS 600kw/160m

**New York** 2 WCBS-TV NS 1kw/228m,  
40-45-28/73-59-12,  
backup to Empire State  
Building site.

**Smithtown** 67 WFTY CC from WHSI-TV; FC  
to Telefutura

### Ohio:

Cambridge 18 new AF dismissed

**Dayton** 41 WHIO-DT NW, 1000kw/290m

Toledo 22 W22CO PR>50kw,  
41-39-22/83-26-41

### Oklahoma:

Alva 41 new AF \*dismissed\*

Alva 47 new AF \*dismissed\*

### Oklahoma:

**Elk City** 31 KBCA PR>373m,  
35-18-53/101-50-47  
near Amarillo, TX. CL  
to Borger, TX.

Erick 16 K16FA QG from K62BQ, 1.1kw

McAlester 43 new AF \*dismissed\*

McAlester 43 new AF \*dismissed\*

### Oregon:

Bend 49 new AF \*dismissed\*

**Medford** 27 KMVU-DT NS 1000kw/447m

Pendleton 21 K21EK PR 11.8/13kw

\*dismissed\*

Salem 57 K30EH requests LC for QR from  
ch. 30, 12kw, 44-58-58/123-08-43

### Pennsylvania:

Philadelphia 7 WPTV-LP CC from W07CB

Philadelphia 28 WFPA-CA CC from WXTV-LP; FC  
to Telefutura

### Puerto Rico:

Aguadilla 20 new AF \*dismissed\*

Aguadilla 24 new AF \*dismissed\*

Camuy 45 new AF \*dismissed\*

Quebradillas 26 WREI-LP QG from ch. 24 (or 27?),  
17.82kw

**San Juan** 27 WAPA-DT PG<851.1kw

### Tennessee:

**Chattanooga** 35 WTVC-DT PG>305m

Lexington 11 new AF \*dismissed\*

Lexington 34 new AF \*dismissed\*

**Nashville** 56 WTVF-DT NW, 405kw/405m

Union City 9 WUWT-CA CC from W09BM

### Texas:

Albany 34 K34GA QG from K59FX

**Alvin** 67 KFTH CC from KHSH-TV; FC  
to Telefutura

Amarillo 33 KCPN-LP QG from ch. 65, 41.1kw

Austin 11 KQUX-LP PG>0.99kw

Beaumont 22 K22GB QG from ch. 21, 138.2kw

Brownsville 39 KXIV-LP QR from ch. 17  
 \*dismissed\*, Mexican objection  
 Brownwood 17 KIDU-LP QG from ch. 56  
**EI Paso 25 KINT-DT PR<200kw/449m**  
**EI Paso 65 KTFN CC from KKWB; FC to**  
**Telefutura**  
 Kingsville 56 K46DL PR<4.8kw  
 Laredo 68 KLMV-LP FC to HSN  
**McAllen 49 KNVO-DT QG from ch. 46, PG**  
**1000kw/286m**  
 San Antonio 47 KFTO-LP CC from KDWZ-LP; FC  
 to Telefutura  
 San Marcos 38 KTXU-LP QG from ch. 58, 1.25kw,  
 30-03-33/97-48-42. Requests  
 LC for change, also PR>19.9kw, 30-19-  
 23/97-47-58.  
 Snyder 44 K44FG QG from ch. 67, 0.08kw

### Utah:

Huntsville 58 K58FT PG<3.6kw,  
 41-14-19/111-56-40, QG  
 from minus offset to  
 none  
 Moab 51 new AF \*dismissed\*  
 Tooele 64 K64FZ QG from K54GB  
 Vernal 25 new AF \*dismissed\*  
 Vernal 33 new AF \*dismissed\*  
 Vernal 41 new AF \*dismissed\*

### Virginia:

**Arlington 14 WFDC CC from WTMW;**  
**FC to Telefutura?**  
 Lynchburg 50 WTLU-CA QR from ch. 19, 41.4kw,  
 37-11-51/79-21-07

### Virginia:

Portsmouth 36 W36CT QG from W56CS  
**Portsmouth 50 WGNT-DT NS 800kw/264m**  
 Roanoke 34 W34CU QG from ch. 56  
 Staunton 25 WAZM-LP requests LC for  
 PG>21.9kw, 38-23-35/78-46-14  
 Woodstock 10 WAZT-LP requests LC for PG>1kw,  
 38-57-50/78-25-46

### Washington:

Ocean Park 51 new AF \*dismissed\*

**Pullman 17 KWSU-DT PR<2.5kw**  
 Republic 43 new AF \*dismissed\*  
 Republic 47 new AF \*dismissed\*  
**Richland 31 KTNW PR>387m**  
**Richland 38 KTNW-DT PR>387m**

### Wisconsin:

Eau Claire 23 new AF \*dismissed\*  
**Green Bay 2 WBAY-TV requests LC for**  
**PG>389m**  
**Green Bay 23 WBAY-DT NW, 1000kw/372m**  
**Green Bay 42 WPNE-DT PR>200kw**  
**Mayville 52 WWRN-TV AF backup transmitter,**  
**41kw/167m**  
**Milwaukee 61 WVTM-TV PR 850kw/302m,**  
**43-05-44/87-54-17**  
 Tomah 35 WDLS-LP CC from WUSK-LP

### Wisconsin:

Wausau 14 new AF\*dismissed\*

### West Virginia:

Huntington 14 W14CU QG from ch. 17  
**Wheeling 32 WTRF-DT NS 731kw/293m**

### Wyoming:

Guernsey 27 new AF\*dismissed\*

## CANADA:

### British Columbia:

Abbotsford 66 CFEG-TV NW, 20w,  
 49-03-08/122-20-24, religious  
 Holberg 2 CBUT-21 NO, requests deletion

### Ontario:

**London 39 new the application for 59kw here**  
**has been amended to specify 227kw.**  
 London 63 CITS-n CITS-36 relay \*denied\*  
 Ottawa 32 CITS-n CITS-36 relay \*denied\*

### Quebec:

Les Escoumins 13 CIMT-TV-7 NS, 10w  
 Les Escoumins 33 CFTF-TV-8 NS, 50w

## Forum & Other Stuff

Thanks to Keith Smith, Joseph Martin, Danny Oglethorpe, Robert Seaman, Jeff Kitsko, Gord Lansdell, Fernando Garcia, and Jim Ayers for information in this month's column.

I see WCBS has learned not to keep all their eggs in one basket/all their transmitters on one building... Their new backup site is roughly ½ mile north of the Empire State Building. 228m isn't very high - I doubt this backup will have much coverage - but it's something. Elsewhere in New York, all the VHF stations except WNET-13 are now reported operating from the Empire State Building. WABC-7 kicked their FM (WPLJ 95.5) off their normal antenna to use the space for a TV antenna. WPIX also has an FM whose antenna they may have removed - to my knowledge the other stations don't, so I'm not sure how the space was opened. WPXN is reported operating at 250kw from the East Orange, New Jersey site of their LPTV W23BA. (40-48-08/74-14-48) The reports are unclear whether this means WPXN itself, on channel 31, is operating from here, or if W23BA received temporary authorization to increase power to 250kw.

We have two reports this month of newscasts airing on the "wrong" channels... Bob Seaman reports that WNEP-16 has been producing a 10:00 newscast for Fox affiliate WOLF-56. When baseball was airing on WOLF, "Newswatch 16 at 10 on Fox" would actually air on WB affiliate WSWB-38.

(Confusing enough?) Plus, the WNEP-16 6:00 newscast has been rerun at 7:00 on WQPX-64, and the 11:00 show reruns at 11:30 on WQPX. At the other end of Pennsylvania, Jeff Kitsko reports that WCWB-22 Pittsburgh is simulcasting WPGH-53's 10:00 newscast. Six stations, two news crews...

Gord Lansdell had more information on new religious LPTV CFEG-66. He says he understands the transmitting antenna is located on a church - given the mountainous terrain around there, I would imagine the HAAT is negative. Gord is also webmaster of some interesting broadcasting sites, including <http://www.broadcasting-history.ca>, <http://nwbroadcasters.com>, and <http://members.home.net/okbroadcasters>.

Joseph Martin is seeing KSMV-LP 33 from their new site on Mt. Wilson. It's a translator of KJLA-57. The KJLA ID shows five other LPTV stations, though Joseph didn't specify which ones. (And I forgot to ask him...) This is a replacement for a LPTV they were operating on channel 54, one which got bumped by new station KAZA-54. He also notes this channel 33 station is on the same mountain as full-power KMEX-34. This is a recent change in FCC policy, part of the DTV transition, which allows the use of adjacent channels by LPTVs. WFLA-TV 28 Philadelphia (until recently WXTV-LP) also coexists with WTXF-29 at a nearby site. Expect to see more of this.

Keith reports WLAJ-53 has shortened its 6 and 11pm newscasts to 10 minutes each. The rest of the half-hour is filled with the discussion show "53 On Point". Also in that area, WZPX-43 was off the air for several days in early November. Speaking of newscasts on the "wrong" channels, now that WZPX is back on, it's carrying WOOD-8's 5pm news, in parallel with WOOD. Keith thinks they're rebroadcasting WOOD's 11pm show as well but not at the same time. This seems to be becoming popular among Pax & NBC affiliates; WPXE-55 Kenosha/Milwaukee has been seen carrying WTMJ-4's news.

I now have local DTV service... WTVF-DT 56 appeared in October. They're carrying two virtual channels: 56-2 is mostly parallel to channel 5 analog, though they often run a CBS HDTV promo loop during local commercial breaks. You might see the same thing on other CBS DTV affiliates. WTVF's 56-3 is a simulcast of their "Newschannel 5+" cable channel. It's a mix of All News Channel, rebroadcasts of channel 5 newscasts, original talk shows, and syndicated fare. Kentucky Educational TV is reported working on the DTV facilities at several of their sites, there will probably be more new DTVs to report next month. Here's hoping for happy holidays and great DX for all!

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## METEOR SHOWER GUIDE

**THIS CHART WILL TAKE YOU THROUGH THE MONTH OF JANUARY, 2002**

| Shower name                          | Dates                    | Peak Dates              |
|--------------------------------------|--------------------------|-------------------------|
| Quadrantids (MAJOR)                  | December 28 - January 7  | January 4               |
| Gamma Velids                         | January 1-7              | January 5-8             |
| Rho Geminids                         | December 28 - January 28 | January 8-9             |
| January Draconids                    | January 10-24            | January 13-16           |
| Eta Craterids                        | January 11-22            | January 16-17           |
| January Bootids                      | January 9-18             | January 16-18           |
| Delta Cancrids                       | December 14- February 14 | January 17              |
| Alpha Hydrids                        | January 15-30            | January 20-21           |
| Eta Carinids                         | January 14-27            | January 21-22           |
| Canes Venaticids                     | January 13-30            | January 25-25           |
| Alpha Leonids                        | January 13 - February 13 | January 24-31           |
| Capricornids -<br>Sagittariids(days) | January 13 - February 28 | January 30 - February 3 |
| Aurigids                             | January 31 - February 23 | February 5 - 10         |



## **WTFDA ScanLog 30-50mhz loggings!**

The year 2001 F2 season is here. Here is a rundown of what your fellow WTFDA members are hearing (and sometimes seeing) on their TVs, receivers and scanners. All information is from posts on the WTFDA list.

### **Oct 19**

1700 CHP freqs 42.500, 42.920, 42.460, 42.080, 42.880, 42.420, 42.440, 42.560, 42.120 (Bishop/Sacramento), 42.160 (Golden Gate), 42.360, 42.400 and 42.540 (WRT698?) noticed by Mike B. Chips back for 3<sup>rd</sup> year in a row. Pretty much gone by 5:30pm.

### **Oct 20**

1400 CHP very active on 42mhz –MB (CT)

### **Oct 21**

1000 Video Buzz from Spain noted on 48.250. Portugal video buzz in also but weaker. Worked Portugal and Spain on 6m – Jeff Kadet(IL)

### **Oct 27**

1000 2-way utilities from France were in on various freqs from 35-35.5mhz. Almost all were tones lasting 1-3 seconds but some French audio was heard. CHP was back in the afternoon –Bill Hepburn (ON)

### **Oct 30**

46.172 Australian video buzz in well, the best of the season –JK

### **November 1**

ZL (New Zealand) video is here! Getting video from the 45.240, extremely ghostly but the vert. Bar is obvious The video was on ~45.2396 mhz to be exact –JK

ZL TV audio into New England?

1645 had weak audio (talking on 50.760) lasting to about 1655. Not strong enough to make out anything, but who else could it be? –MB

### **Nov 2**

1500 NZ video buzz on 45.26. Too weak for video so far. -WH

1700 Buzzing sound exactly on 45.260 using my Drake R8 and VHF converter. Sounds a bit raspy, but not much fading –WH

42mhz. Mentions of Los Angeles, Santa Rosa and Golden Gate. Mainly traffic checks. Also Spanish sounding police on several 38mhz freqs – Michael Temme-Soifer (NJ)

### **Nov 3**

1419 NZ ch1 (45.26) back in, rapid fading and weak –WH

I worked Z22JE in Zimbabwe for almost two hours and peaking S9. Also worked 9G5AN Ghana –JK

### **Nov 4**

1030 CHP began showing up here. Also on 48.250 at 1100 heard a signal with deep fades at peaks sounding like an open carrier with a high-pitched tone audible when the signal is peaked. Video buzz? –MB

I also had it here 1148-1230...strongest video buzz ever at S9, seemed to peak at ~70degree heading. No pics seen –WH

### **Nov 9**

0900 Spanish 2-way on 33.35, 33.375, 33.475, 33.425. 33.980 Rosedale, LA fire freq. 0927 St. Thomas VI pager on 35.340. 1045 many French utilities on 35mhz -MB

### **Nov 12**

1129 Weak E2 video buzz. OX3VHF Beacon in Greenland fairly strong –Doug Smith(TN)

### **Nov 13**

1400 KL7NO 50.170 near Fairbanks SSB. Thanks for the tips! -Morris Sorensen (MB)

Today was just as good as yesterday for Alaska. At least 12 different ones were in. This fall is better than last fall. –JK

### **Nov 15**

0930 OX30X Greenland back on 50.110 and OX3VHF on 50.044. Carriers on 48239.5, 48250.05 and 48274.2 - DS

Things are going crazy on 6 right now. Have worked 2 from Poland, Sweden, Norway plus OY1CT Faeroe Islands. Somebody pinch me –JK

### **Nov 16**

48.250 S9+10db video buzz –DS

### **Nov 18**

48.25 video buzz loud but gone by 1000CST. Weak R1 carriers on 49.75 –DS

# EASTERN TV-DX

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December 2001

January, 2002 column deadline: Dec. 12

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Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

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A couple of reports this month of recent tropo activity. Hopefully there will be some winter skip soon. If you log anything, please take a moment to share it with the club! On to the reports...

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John Vervoort, 217-79 Street, Brooklyn, NY 11209-3607

Equipment (used at my brother's apartment also in Brooklyn, NY): 19" Sharp TV and standard-sized Channel Master outdoor antenna atop a 6-story building.

11/1 tr (early evening)

|         |                       |     |
|---------|-----------------------|-----|
| KYW-3   | PA Philadelphia, nx   | 83  |
| WPVI-6  | PA Philadelphia, n    | 83  |
| WTNH-8  | CT New Haven, Nx Ch.8 | 85  |
| WCAU-10 | PA Philadelphia       | 83  |
| WHYY-12 | DE Wilmington, PBS    | 110 |
| WPHL-17 | PA Philadelphia, WB   | 83  |
| WTXX-20 | CT Waterbury, WB      | 99  |
| WNJS-23 | NJ Camden, NJN        | 83  |
| WTFX-29 | PA Philadelphia, FOX  | 83  |
| WVIT-30 | CT New Britain        | 116 |

|                            |     |
|----------------------------|-----|
| unID-36                    |     |
| WEDW-49 CT Bridgeport, CPT | 69  |
| WNJT-52 NJ Trenton, NJN    | 51  |
| unIDs-53,54                |     |
| WCTX-59 CT New Haven , UPN | 85  |
| unID-62                    |     |
| WMBC-63 NJ Newton          | 67  |
| WHSP-65 NJ Vineland, HSN   | 117 |
| WFME-66 NJ West Milford    | 66  |

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Roy Barstow, P.O. Box 2488, Teaticket, MA 02536

9/22 tr

|      |                                 |    |                |
|------|---------------------------------|----|----------------|
| 2100 | WITN-7                          | NC | Washington     |
|      | WFXI-8                          | NC | Morehead City  |
|      | WNCT-9                          | NC | Greenville 562 |
|      | WYDO-14                         | NC | Greenville     |
|      | WUNM-19                         | NC | Jacksonville   |
|      | WPXU-35                         | NC | Jacksonville   |
|      | WEPX-38                         | NC | Greenville     |
| 2355 | W18BB-18                        | NC | Elizabeth City |
|      | many also from eastern Virginia |    |                |

9/23 tr

|      |         |    |                |
|------|---------|----|----------------|
| 0020 | WSFX-26 | NC | Wilmington 660 |
|      | WUNJ-39 | NC | Wilmington     |
|      | WTAT-24 | SC | Charleston 779 |

9/30 MS

0525 WBOY-12 WV Clarksburg <1>

10/1 tr

|      |           |    |                       |
|------|-----------|----|-----------------------|
| 2130 | W14CL-14  | ME | Hartswell             |
|      | W33BD-33  | ME | Bangor                |
| 2200 | W40BO-40  | MA | Boston, TV #750       |
|      | WHSI-67   | NY | Smithtown, AIN net.   |
|      | WHSE-68   | NJ | Newark, AIN net.      |
| 2230 | CBHFT5-46 | NS | Middleton             |
| 2300 | W35BH-35  | VA | Virginia Beach        |
|      | WNLO-45   | VA | Virginia Beach (WAVY) |
|      | W24BI-24  | VA | Virginia Beach        |
|      | W19BX-19  | VA | Williamsburg,         |
| MTV2 | W18BB-18  | NC | Elizabeth City        |

|          |          |              |               |
|----------|----------|--------------|---------------|
| W39BW-39 | VA       | Newport News |               |
| W36BK-36 | VA       | Mappsville   |               |
| 2350     | W63AM-63 | VA           | Craddockville |
|          | 41/44/60 | VA           | Onancock      |

10/3 tr

|      |                  |    |                 |
|------|------------------|----|-----------------|
| 0045 | W18BS-18         | VA | Hampton         |
|      | WJHJ-19          | VA | Williamsburg    |
|      | WJHJ-39          | VA | Virginia Beach  |
| 1930 | WVEC-13          | VA | Hampton         |
|      | WPXU-35          |    | NC Jacksonville |
|      | W51??-51         | NC | Wilmington 660  |
|      | TBN, from ch. 20 |    |                 |
|      | WEPX-38          | NC | Greenville      |
| 2300 | WUNJ-39          | NC | Wilmington 660  |

10/4 tr

|      |          |    |                |
|------|----------|----|----------------|
| 0005 | WTAT-24  | SC | Charleston 779 |
|      | WNCN-17  | NC | Goldsboro      |
|      | WSFX-26  | NC | Wilmington     |
|      | WRAZ-50  | NC | Raleigh        |
| 0100 | WMMP-36  | SC | Charleston 780 |
| 1945 | W29CF-29 | NY | Hempstead <2>  |

10/5 tr

|      |           |    |                      |
|------|-----------|----|----------------------|
| 0030 | W56CS-56  | VA | Portsmouth           |
|      | W65CP-65  | VA | Chesapeake           |
|      | WUNP-36   | NC | Roanoke Rapids       |
| 0100 | W60BR-60  | VA | Virginia Beach, MTV2 |
| 0820 | WNCN-17   | NC | Goldsboro            |
|      | CBHFT5-46 | NS | Middleton            |
|      | WRAZ-50   | NC | Raleigh              |
|      | WVIR-29   | VA | Charlottesville      |



|      |                 |     |               |      |                 |                   |                  |
|------|-----------------|-----|---------------|------|-----------------|-------------------|------------------|
|      | WEPX-38         | NC  | Greenville    |      | W18BS-18        | VA                | Hampton          |
| 1000 | WUNM-19         | NC  | Jacksonville  |      | W24BI-24        | VA                | Virginia Beach   |
| 2100 | CBHFT5-46       | NS  | Middleton     |      | WKFT-40         | NC                | Fayetteville     |
|      | CBHFT8-34       | NS  | Weymouth      |      | WRPX-47         | NC                | Rocky Mount      |
|      | 315             |     |               |      | WRAZ-50         | NC                | Raleigh          |
|      | CBHT10-24       | NS  | Weymouth      |      | 41/44/60        | VA                | Onancock         |
|      | CIHF10-45       | NS  | Yarmouth      |      | WPXU-35         | NC                | Jacksonville     |
|      | CBHT3-11        | NS  | Yarmouth      |      | WNLO-45         | VA                | Virginia Beach   |
|      | <u>10/10 tr</u> |     |               |      | W52AB-52        | VA                | Craddockville    |
| 2300 | WLYH-15         | PA  | Lancaster     |      | WRLH-35         | VA                | Richmond         |
|      | WNEP-16         | PA  | Scranton      |      | WCVW-57         | VA                | Richmond         |
|      | WWPB-31         | MD  | Hagerstown    |      | WYDO-14         | NC                | Greenville       |
|      | CBHFT5-46       | NS  | Middleton     |      | WFXI-8          | NC                | Morehead City    |
|      | <u>10/11 tr</u> |     |               |      | WCVE-23         | VA                | Richmond         |
| 0705 | WIVT-34         | NY  | Binghamton    | 2358 | WUNP-36         | NC                | Roanoke Rapids   |
| 1900 | WCPB-28         | MD  | Salisbury     |      | <u>10/13 tr</u> |                   |                  |
| 2315 | CBCT-13         | PEI | Charlottetown | 0010 | WNCN-17         | NC                | Goldsboro        |
|      | CKLT-9          | NB  | Saint John    | 2100 | WEPX-38         | NC                | Greenville       |
|      | CBAT-4          | NB  | Saint John    |      | WUNM-19         | NC                | Jacksonville     |
|      | CJCH-5          | NS  | Halifax       | 2300 | W15BK-15        | NH                | Hanover          |
|      | CBHFT1-3        | NS  | Yarmouth      |      | <u>10/14 tr</u> |                   |                  |
| 2345 | CBHFT2-7        | NS  | Mulgrave      | 0020 | W36AX-36        | VT                | Manchester       |
|      | <u>10/12 tr</u> |     |               |      | <u>10/16 MS</u> |                   |                  |
| 1930 | WVEC-13         | VA  | Hampton       | 0410 | unID-13 w/nx,13 |                   | in LR,10AM in LL |
|      | WHRO-15         | VA  | Norfolk       |      | <u>10/20 tr</u> |                   |                  |
|      | WJHJ-19         | VA  | Williamsburg  | 0040 | CBCT-13         | PEI               | Charlottetown    |
|      | WJHJ-39         | VA  | Newport News  |      | ¾ CB under      | WGME-Portland, ME |                  |
|      | WMPT-22         | MD  | Annapolis     |      | 15/27/33        | VA                | Tidewater area   |
|      | WCPB-28         | MD  | Salisbury     |      | <u>10/22 tr</u> |                   |                  |
|      | W63AM-63        | VA  | Craddockville | 0015 | W26C?-26        | VA                | ?? <4>           |

Notes:

1. Thanks to Russ Miller in Maine for checking the computer to find this unID NBC stations. The 3<sup>rd</sup> MS on ch. 12 in so many years and #90.
2. Welcome to channel 29, 7:47PM, 516-627-7686. This on a card under ever-present Philly. Toward NYC and area code for that area, so assume new W29CF, Hempstead, LI.
3. These 2 stations, WJHJ-19 and 39 in VA go from religion to selling and back to religion again.
4. This station seen on Oct. 20 at 8pm and looked like W26BC w/3/4 CB but on Oct. 22 is was W26C on card.

All in all a good month of October for DX. No Florida DX in 2 years now, so I will expect a visit from them next year, hi.

---

That's all for this month...and I wish you and yours a happy, healthy and safe holiday season! ..... 73s Matt

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## Ask WTEFIDA

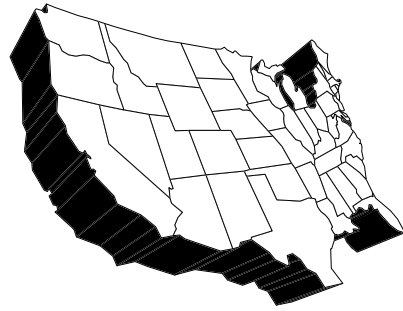
Q. I got my 7' dish w/amp up over the weekend. It is about 12" above the 1110. That is, about one foot. Is one foot too little separation for the two antennas?

A. Mounting UHF antennas too close to VHF is done all the time (even by "professional" installers), and yes, it will definitely have an effect on VHF reception. The Channel Master corner reflector yagis are the worst model to mount this way, as the elements in the corner reflector are resonant in the TV high band (ch 7-13). The elements at the bottom of the dish will cause high band problems, and the longer elements will rattle the low band.

Look at it this way: when designing a yagi antenna, directors can be as much as .4 wavelengths away from the previous director. At 54 MHz, that's 87", and at 88 MHz, it's 54". On the high band, the numbers are 27" and 22", which is why Channel Master used to say their C/R yagis should be mounted at least 3' away from the VHF antenna.

# WESTERN TV DX

VICTOR FRANK  
12450 SKYLINE BLVD.  
WOODSIDE, CA 94062-4554  
frank@horizon.sri.com



**Dave Pomeroy** 2321 SE Libra Ct., Topeka, KS  
66605-3505

## July 2001

21 Es 1540 XHTV 4 floater over WDAF  
1550 XHBC 3 BC Mexicali 1195  
1615 XHGC 5 floater over WDAF  
1740 WMAR 2 MD Baltimore  
1745 WPSX 3 PA Clearfield 919  
tr 2000 20 MN Worthington  
2030 KDLT 46 SD Sioux Falls  
KMEG 14 IA Sioux Falls  
KTIN 21 IA Ft. Dodge  
22 tr AM UHF's OK Tulsa  
23 tr 0430 K27AJ 27 NE Gothenburg KGIN-  
11  
29 tr 2200 KLKE 24 NE Albion  
KSTC 45 MN Minneapolis  
437  
KDLT 46 SD Sioux Falls 314  
2230 WHLA 31 WI LaCrosse  
KSMN 20 MN Worthington  
KXNE 19 NE Norfolk over KCPT-  
19  
2330 WQOW 18 WI Eau Claire  
KFXA 28 IA Cedar Rapids  
283  
40 IA Dubuque (WI)  
KXLT 47 MN Rochester 358  
30 tr 0325 unID DT26 WI Minneapolis or  
Madison  
0330 KWBT 19 OK Muskogee  
0730 K40-- 40 IA Storm Lake KMEG-  
14  
2100 KSTC 45 MN Minneapolis  
CCI on 23,29  
31 tr 0630 KSAX 42 MN Alexandria  
0730 KTCI 17 MN Minneapolis

## August 2001

1 tr 0455 KFAA 51 AR Rogers  
0500 K45EI 45 TBN  
unID 25 music videos  
0630 K44ER 44 MO Joplin  
K20CT 20 AR Springdale  
KCLJ-LP 46 MO Joplin  
K61GJ 61 MO Aurora  
0700 K15DR 15 AR Springdale "Fox  
46"  
K67EO 67 AR Bentonville  
2 tr 0315 K57GY 57 NE Omaha KPTM-42  
4 tr 0100 WHOI 19 IL Peoria  
KDLT 46 SD Sioux Falls  
K64BS 64 KS Concordia  
w/KMBC-9 instead of KOOD-9

KTSC 45 MN Minneapolis  
0130 KMEG 14 IA Sioux City KPTH-44  
0430 KSMN 20 MN Worthington  
KESD 8 SD Brookings 376  
K40CO 40 IA KMEG-14  
KOHA-LP 65 NE Omaha  
0500 unID 26 3ABN  
KTTM 12 SD Huron "Fox 17"  
383  
K24AA 24 NE Falls City with "Fox  
17" instead of KUON-12  
K32DK 32 SD Watertown "Fox  
17"  
0530 KDLT 46 SD Sioux City  
K39 39 KDLT-46  
KTIN 21 IA Ft. Dodge 270  
K25AA 25 IA Rock Rapids  
KSIN 27 IA Sioux City KSNT-27  
off  
0700 KXLT 47 MN Rochester  
KDSD 16 SD Aberdeen over  
KTAJ-16  
0730 56,58,60,64,66 IA Clarinda  
0745 unID 51,53,57,61,69 scrambled  
0800 KSMQ 15 MN Austin  
2300 WSBT 22 IN South Bend 527  
2300 WNIT 34 IN South Bend 527  
2310 WEEK 25 IN Peoria  
WSNS-DT 45 IL Chicago  
WGBO 66 IL Chicago  
WLS-DT 52 IL Chicago  
WEHS 60 IL Joliet  
WMSN 47 WI Madison  
2320 WWTO 35 IL LaSalle  
WFLD 32 IL Chicago  
WFLD-DT 31 IL Chicago  
2330 WYCC 20 IL Chicago  
WTLJ 54 MI Muskegon 576  
WHPN 57 WI Janesville 421  
WDJT 58 WI Milwaukee 491  
W51 51 IL Rockford  
2345 KWKB 20 IA Iowa City  
WHA 21 WI Madison 423  
KLJB 18 IA Davenport 320  
Over KCPT-DT-18  
2355 WCFC-LP 39 IL Rockford  
5 tr 0030 WMBD 31 IL Peoria  
0050 WHLA 31 WI LaCrosse  
0655 WHOI 19 IL Peoria  
WEEK 25 IL Peoria  
UnID 35 id as W36AO  
0730 WTVP 47 IL Peoria  
WHPN 57 WI Janesville

|                                 |                           |                       |       |                       |   |
|---------------------------------|---------------------------|-----------------------|-------|-----------------------|---|
|                                 | UnID 61                   | "Cornerstone"         |       |                       | K33AA 33 IA Ottumwa                       |
| 1940                            | WDJT 58                   | WI Milwaukee          |       | 0630                  | KYIN 24 IA Mason City                     |
| WGBO-66,WSNS-44,WYCC-20,WICU-26 |                           | IL Chicago            | 10 tr | 2200                  | WHLA 31 WI LaCrosse                       |
|                                 | WQPT 24                   | IL Moline             |       | 2220                  | WICS 20 IL Springfield 334                |
|                                 | UnID 39                   | Fox                   |       |                       | WSBT-22,WNIT-46,WHME-46 IN South Bend 530 |
| 2010                            | WHA 21                    | WI Madison            | 11 tr | 0610                  | WICS 20 IL Springfield 334                |
| 2100                            | WVCY 30                   | WI Milwaukee\         |       |                       | WIPX 63 IN Bloomington 509                |
| 2150                            | WLS-DT 52                 | IL Chicago HD52       |       | 0800                  | WVUT 22 IN Vincinnes 440                  |
|                                 | WSNS-DT 45                | IL Chicago            |       | 2100                  | WICS 20 IL Springfield                    |
| 2200                            | WMSN 47                   | WI Madison 423        |       |                       | KYOU 15 IA Ottumwa                        |
|                                 | WFLD-DT 31                | IL Chicago            |       | 2200                  | WQPT 24 IL Moline 320                     |
| 6 tr 0130                       | <u>WKOW 27</u>            | WI Madison <u>525</u> |       |                       | WMEC 22 IL Macomb 278                     |
|                                 | W63 63                    | Spanish               |       |                       | WEEK 25 IL Peoria                         |
|                                 | <u>W41AR 41</u>           | WI Milwaukee          |       | 2250                  | K33AA 33 IA Ottumwa                       |
|                                 | WIWB 14                   | WI Surling 547        |       | 2300                  | KWBM 31 AR Harrison 221                   |
|                                 | WSNS-DT 45                | IL Chicago            |       | 2330                  | WHRM 20 WI Wasau 509                      |
|                                 | Black screen—WSNS in text |                       |       |                       | KXLT 47 MN Rochester                      |
|                                 | WFXS 55                   | WI Wittenburg         |       | 2359                  | WXOW 19 WI LaCrosse 398                   |
| 0200                            | unID 52                   | Family Net            | 15 tr | 0300                  | KTTC-DT 36 MN Rochester                   |
|                                 | WSBT 22                   | IN South Bend         |       |                       | KDEB 27 MO Spingfield                     |
|                                 | <u>W19BH 19</u>           | WI Janesville TBN     |       |                       | KSNT-27 off                               |
| 0210                            | <u>WKOW-DT 26</u>         | WI Madison <u>302</u> |       | 0300?                 | WKOW-DT 26 WI Madison                     |
|                                 | KRCG 9                    | IA Cedar Rapids       | 25 Es | 1800                  | WEDU 3 FL Tampa 1088                      |
| 0220                            | KGAN 2                    | IA Cedar Rapids       |       | 1805                  | WWAY 3 NC Wilmington1023                  |
|                                 | KWWL 7                    | IA Waterloo 307       |       | 1810                  | WFMY 2 NC Greensboro 892                  |
|                                 | UnID 68                   | Action House TV       |       | 1830                  | WBTV 3 NC Charlotte 833                   |
| 0230                            | WVTV 18                   | WI Milwaukee          |       |                       | WESH 2 FL Daytona Beach                   |
| 0236                            | WHLA 31                   | WI LaCrosse           |       |                       |   |
|                                 | unID 66                   | TBN                   |       | 1073                  |   |
| 0240                            | K30AE 30                  | OK Alva               |       | 1900                  | WRBL 3 GA Columbus 764                    |
|                                 | K46AH 46                  | OK Medford            |       | 2035                  | KIDK 3 ID Idaho Falls 934                 |
|                                 | KTSC 45                   | MN Minneapolis        |       | 2120                  | unID 2 CTV                                |
|                                 | WIWB 14                   | WI Surling            | 26 tr | 2200                  | KTVQ 2 MT Billings 801                    |
| 0500                            | unID 32                   | UPN                   |       | 0730                  | WICS 20 IL Springfield 288                |
|                                 | WMSN 47                   | WI Madison            |       | KDNL 30               | MO St. Louis 334                          |
|                                 | KXLT 47                   | MN Rochester          |       | 2100                  | KSTC 45 MN Minneapolis                    |
|                                 | KDLT 46                   | SD Sioux Falls        |       |                       | KMEG 14 IA Sioux City                     |
|                                 | <u>W64AU 64</u>           | WI Adams              |       |                       | KPTH 44 IA Sioux City                     |
| 0526                            | KTTC-DT 36                | MN Rochester          |       | 2200                  | KHAS 5 NE Hastings                        |
| 0530                            | WGBA 26                   | WI Green Bay 540      |       |                       | KTIV 4 IA Sioux City                      |
|                                 | WHRM 20                   | WI Wausau             |       |                       | WHLA 31 WI LaCrosse 398                   |
|                                 | WHOI 19                   | IL Peoria             | 27 tr | 2230                  | KEYC 12 MN Mankato                        |
|                                 | KOOD 9                    | KS Bunker Hill        |       | 0300                  | KXLT 47 MN Rochester 356                  |
| 2300                            | WVTV 18                   | WI Milwaukee 491      |       |                       | WOI 5 IA Ames                             |
|                                 | WVCY 30                   | WI Milwaukee          |       |                       | KTTC-DT 36 MN Rochester                   |
| 2310                            | WHA 21                    | WI Madison            |       | 0330                  | KGAN-2, KCRG-9,KFXA-28 IA Cedar Rapids    |
|                                 | KWKB 20                   | IA Iowa Cit y         |       | 0530                  | WOWT 6 NE Omaha                           |
| 2315                            | WMSN 47                   | WI Madison            |       | 0730                  | KBSD 6 KS Ensign                          |
|                                 | WMTV 15                   | WI Madison            | 28 tr |                       | K15DQ 15 KS Ogden "Fox 43"                |
|                                 | WHLA 31                   | WI LaCrosse           | 29 tr |                       | KSMN 20 MN Worthington                    |
| 7 tr 0000                       | WDJT 58                   | WI Milwaukee          |       |                       | KDLT 46 SD Sioux Falls                    |
|                                 | 0245                      | <u>WKOW-DT 26</u>     |       |                       | KMEG 14 IA, Sioux City                    |
|                                 | 0700                      | WHA 21 WI Madison     |       |                       | KPTH 44 IA, Sioux City                    |
|                                 | 1900                      | KSMQ 15 MN Austin 350 |       | <b>September 2001</b> |   |
| 8 tr 0245                       | KSTC 47                   | MN Minneapolis        | 1 tr  | 2200                  | KSTC 45 MN Minneapolis                    |
|                                 | <u>KMSP-DT 26</u>         | MN Minneapolis        | 2 tr  | 0300                  | KMSP-DT 26 MN Minneapolis                 |
|                                 | K22CP 22                  | KS Salina KAKE-10     | 4 tr  | 2000                  | WHRM 20 WI Wausau 509                     |
| 9 tr 0540                       | WHOI 19                   | IL Peoria             |       |                       | WHLA 31 WI LaCrosse                       |
|                                 | WEEK 25                   | IL Peoria             |       |                       | WXOW 19 WI LaCrosse 398                   |
| 0545                            | KBLJ 18                   | IL Davenport          |       | 2100                  | KXLT 47 MN Rochester                      |
|                                 | KWKB 20                   | IA Iowa City          |       |                       | <u>K21FA 21</u> MN Rochester 3ABN         |
|                                 | WMBD 31                   | IL Peoria             |       |                       | WLAX 27 WI LaCrosse                       |

2150 KARE-DT 35 MN Minneapolis  
 2200 WYCC 20 IL Chicago  
WGN-DT 19 IL Chicago 465  
 2205 WOI 5 IA Ames  
 KCRG 9 IA Cedar Rapids  
 KXFA 28 IA Cedar Rapids  
 WHO 13 IA DesMoines  
 Over WIBW-13  
 WGBO 66 IL Chicago  
 WFLD 32 IL Chicago  
 UnID-DT 43 DTV snow could  
 not decode.  
 2240 WCVY 30 WI Milwaukee  
 2300 WYIN 56 IN Gary  
 5 tr 0000 WWTO 35 IL LaSalle  
 0010 WEEK 25 IL Peoria 342  
 11 tr 2200 KTXA 21 TX Ft. Worth 450  
 KFWD 52 TX Ft Worth 442  
 KPXD 68 TX Arlington 450  
 12 tr 0555 KLTS 24 LA Shreveport 448

New on the air is KSMO-DT 47 in Kansas City, Missouri. DTV operation of KSMO-62. KCPT-DT 18 is now airing multicast signals of four programs. It is the first DTV multicast signal I have received. DTV total is now 17.

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**Dennis Park Smith**, 3605 San Remo Drive, Santa Barbara, CA 93105-2523 (805)687-7803

These reports are for October 2001.

*Santa Barbara Report*

The summer weather pattern held together until Oct 21, which was stable air layers allowing southern-California tropo ducting to San Diego/Tijuana up to 200mi/320km). From Oct 21 on, Autumn/Winter-like symptoms and temperatures started appearing, with gradual decrease in tropo signals.

Oct 1-3: Fair (cont'd from Sep 26-30)  
 Oct 4-5: Poor (higher layer boundary)  
 Oct 6: Very poor, almost none  
 Oct 7-10 am: Poor  
 Oct 10 aft-12 am: out of town: Wasco  
 Oct 12 noon +: Poor  
 Oct 13-20: Fair (layer boundary lowering)  
 Oct 21-22: Poor (cooling)  
 Oct 23-24: Very poor  
 Oct 25-27: Poor  
 Oct 28-30 am: Very poor, almost none  
 Oct 30 aft-31: None (Oct 30 first rain of winter season, first rain since July 7)

Wasco Report

While in Wasco, there was only slight tropo, from these stations (besides non-tropo regulars in bandscan list in September Western TV-DX) from Bakersfield to Fresno, from 30 mi/50km to 100mi/160km):

Oct 11 morning, poor and  
 Oct 12 morning, very poor: tr

KUVS-19 Modesto CA Uni 175/280  
 KNSO-51 Merced CA Tele 145/230  
 K56DZ-56 Fresno CA TBN 90?/145?

Best of DX to all. Dennis

---

**Eric Bueneman (N0UIH)**, 631 Coachway Lane, Hazelwood, MO 63042-1347  
 Phone: (314) 839-9751 E-mail: N0UIHEric@aol.com  
 Web site: <http://www.qsl.net/n0uih/>

Equipment (home): Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with RS Archerotor at 28 feet (8 m) above ground level)

Equipment (work): Midland 12-inch black and white TV, Gold Star 13-inch color TV, Winegard VHF/UHF/FM antenna pointed SW at 50 feet (15.1 m) above ground level, mounted atop building.

All times CST; all distances in miles/km

October 30, 2001 (trop)

DXing from the newsroom of WSIE 88.7 MHz Edwardsville, IL; located in the basement of Dunham Hall, Southern Illinois University-Edwardsville

2326 KMOS 6 MO Sedalia 175/282  
 2341 KRCG 13 MO Jefferson City 120/193  
 2347 KOZK 21 MO Springfield 210/338  
 2352 KYTV 3 MO Springfield 210/338

October 31, 2001 (trop) From home QTH

0130 WCIU 26 IL Chicago 255/410  
 0133 WFLD 32 IL Chicago (Grade B) 255/410  
 0134 WCPX 38 IL Chicago 255/410  
 0138 WSJV 28 IN Elkhart 305/491  
 0142 WSNS 44 IL Chicago 255/410  
 0143 WEHS 60 IL Aurora 235/378  
 0146 Decatur, IL 17, 23 110/177  
 0147 Peoria, IL 19, 25, 47 140/225  
 0148 Springfield, IL 20, 55 80/128  
 0149 Urbana, IL 12, 27 155/249

It isn't often that I note TV DX at my workplace, but I did on the night before Halloween! Noted KMOS 6 carrying a discussion program (audio heard better on the FM tuner than on the TV set; especially with the station's transmitter less than half a mile away!). KRCG 13 was noted on the black and white monitor with Craig Kilborn; later noted KOZK 21 (K21OD was noted off the air) with Charlie Rose, and KYTV 3 with Conan O'Brien (local KSDK 5 was running Jerry Springer: that night's show dealt with one-night stands, if anybody cares about these anomalies!). Back at the home QTH, central IL stations were in at near-local strength. WFLD was the strongest Chicagoland signal in; WCIU was a close second.

The farthest trop at the home QTH was WSJV 28  
(no other South Bend market station in).

73, Eric (NOUIH)

**Jeff Kruszka**, 5024 S. Braxton Ave., Baton Rouge, LA 70817

September 2001 CT  
20 tr 2215 Little Rock U's AR 305  
2359 KTEJ 19 AR local LP off 370

October 2001  
3 Es 1903 KDBC 4 TX 910  
XEPM 2 CH 910

|       |      |                     |     |
|-------|------|---------------------|-----|
|       |      | zero beat to WBRZ   |     |
| 14 tr | 2141 | WJSP 28 GA in color | 390 |
|       | 2317 | WBIF 51 FL          | 355 |
|       |      | "FL Face to Face"   |     |
|       | 2356 | WFSG 56 FL PBS      | 325 |
|       | 2359 | WAWD 58 FL Beach TV | 260 |
| 15 tr | 0656 | KENS 5 TX bug       | 445 |
|       | 0700 | KWEX 41 TX          | 445 |
|       |      | KXAN 36 TX          | 395 |
|       | 0701 | KVDA 60 TX          | 445 |

The lack of loggings shows how pathetic the tropo season has been here. What is going on? Is this a sign of global warming??



Word comes from Andy Bolin that The **Radio Shack** 15-678 attenuator is exactly the same unit as the 15-578 attenuator that Radio Shack discontinued a few months ago. How does he know? Easy...he took one apart.

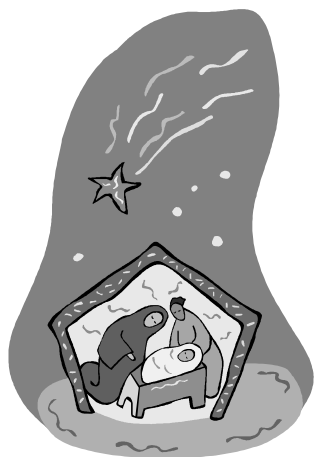
The 15-678 attenuator is a handy little gadget to cut down on overload on UHF and VHF television. The attenuator is also something you **NEED** if you have an antenna phasing unit like the **Bolin Phase Box**. You might even want to try it to reduce FM overload at your location. The unit costs \$6.99 and is available at Radio Shack online, in all Radio Shack stores or over the phone at 1-800-THE-SHACK. This message is not an advertisement for Radio Shack. It is only meant to let you know that this item is once again available. If you have a Bolin Phase Box and wear out at least one of these a year, you can now breathe easier.

Q. Some time ago I bought the Channel Master Probe 9 for FM Dxing. I haven't had a chance to put it up yet and lately I've been wondering about it's ability to out-perform a large VHF TV beam such as the Winegard PR5040 (175" boom). I'm planning to buy one of these for VHF tropo to share the mast with my 7' UHF dish. I originally planned on putting up all 3 antennas (Probe 9, PR5040, 7' UHF dish) on one super-strong mast with a heavy-duty rotor. But lately I've been thinking that perhaps 3 antennas on the same pole could be a little risky considering their combined wind load and also it may cause interference with each other if the antennas aren't spaced properly. So I am considering using the PR5040 VHF antenna for not only the TV set but also to the FM tuner, to avoid the congestion on the mast. Here's where I need your help guys... Isn't a typical VHF antenna designed to receive frequencies between 54-216 MHZ?? If so, isn't it safe to say that the FM frequencies of 88-174 MHZ would be well covered with a VHF antenna such as the PR5040? Any advice for this new guy to the hobby would be appreciated.

A. No. It's designed to receive 54-88 and 174 to 216. TV's high band is the 3<sup>rd</sup> harmonic of the low band, and that's how TV antennas are designed.

Q.If so, isn't it safe to say that the FM frequencies of 88-174 MHZ would be well covered with a VHF antenna such as the PR5040?

A.Only if you're comparing the TV antenna to something like a whip or an omni-directional. If you're comparing it to an FM only antenna, then no. TV antennas start out fairly low in gain at 88 MHZ, dropping as you go up in frequency so that by 108 MHZ it's very poor. I know, I know, they TELL you it covers FM, but I've yet to see one that was good at it. But given all other alternatives other than an FM only, it's the best way to go. -EH

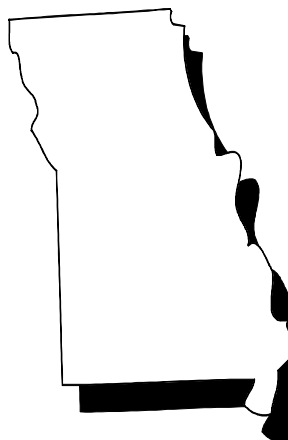


# SOUTHERN FM DX

For DXers in AL, AZ, AR, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, MO, NV, NM, NC, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

**John Zondlo**  
4009 Driftwood Circle  
Yukon, OK 73099  
Jpzondlo@aol.com  
Deadline: 10th

*December 2001*



**Eric Bueneman - N0UIH**  
631 Coachway Lane  
Hazelwood, MO 63042-1347  
N0UIHEric@aol.com - (314)  
839-9751  
<http://www.qsl.net/n0uih>  
CST

(Home) Realistic STA-90 AM/FM-FM stereo receiver, Radio Shack VU-210XR VHF-TV/UHF-TV/FM antenna with Radio Shack Archerotor at 28' (8m) AGL

(Work) Harmon-Kardon HK-440 VXI receiver with Winegard VHF/UHF/FM antenna pointed SW at 50' (15.2m) AGL, mounted atop building

10/30 Tr

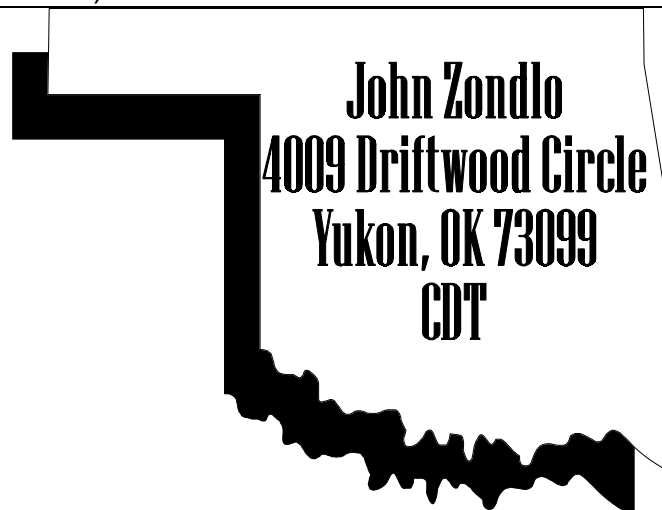
- 2311 KXMO 95.3 MO Owensville, o, calls, \$, slight ACI from WFUN 95.5 90/145
- 2312 KYLS 95.9 MO Ironton, "Froggy 96," local ad, PSA, wx, k, \$, o/WOLG 90/145
- 2320 KTTR 99.7 MO St. James, local ad, Jim Bohannon //AM 1490, o/WXAJ 105/169
- 2321 KTXR 101.3 MO Springfield, "The Gentle Giant," local promos, soft AC, ACI from WVRV 101.1 210/338
- 2322 KTXY 106.9 MO Jefferson City, "Y-107," \$, promo, CHR 120/193
- 2323 WCBW 89.7 IL East St. Louis, Rev. Larry Rice //AM 880, w/KYMC 15/24
- 2324 Springfield IL 91.9\$, 98.7\$, 101.9, 103.7, 104.5 70/113
- 2327 KLOZ 92.7 MO Eldon, "Z-93, the Mix," Jones hot AC //WAOX 105.3, \$ 145/233
- 2330 KKID 92.9 MO Salem, calls, classic r, \$ 115/184
- 2336 KATI 94.3 MO California, "Kat Country," k, \$ 140/225
- 2339 KCMQ 96.7 MO Columbia, calls, AOR, \$ 130/209

10/31 Tr

- 0148 WDKR 107.3 IL Maroa, local ads, o (x-AOR) 110/177

0155 KOQL 106.1 MO Ashland, "Q-106," CHR, legal ID, x-oldies 100/161

The DX from my workplace was a pleasant surprise. The FM receiver was set up in the station's offices adjacent to the main studio of the station. The overnight DJ at the station, veteran jazz radio personality Leo Cheers, was surprised when I told him I heard KTXR 101.3! At my home QTH, I noted a couple of format changes. WDKR 107.3 in Maroa, IL has dropped AOR for Oldies, while KOQL 106.1 is now giving KTXY 106.9 a run for the money as a CHR station, dropping its Oldies format. The station is now known on the air as "Q-106." Also noted new WCBW 89.7 East St. Louis IL on the air with the Here's Help Network, a ministry of the St. Louis-based New Life Evangelistic Center. Hard to believe that Rice put on his first broadcast property in 1982! The absence of KFMZ 98.3 has been noted here; it used to have a decent signal on strong openings to the Columbia/Jefferson City area, even with KYKY blasting away on 98.1 and KTJJ at semi-local strength on 98.5. The station is expected to be auctioned off in December 2001, along with WZZQ 107.5 and two AMs in the Terre Haute area. 73, Eric (N0UIH)



**John Zondlo**  
4009 Driftwood Circle  
Yukon, OK 73099  
CDT

Akai AT-VO4 (w/150 kHz IF filters), Stereo Probe 9 antenna, Conrad RDS Manager, all new

- 1635 WCKA 97.1 WV Sutton, WV wx
- 1646 WSTW 93.7 DE Wilmington
- 1649 WJBR 99.5 DE Wilmington, contest
- 1653 WXCX 103.7 MD Havre de Grace, spots

1657 WUSQ 102.5 VA Winchester, "Q-102"  
 1709 WCBC 107.1 WV Keyser, "Oldies 107"  
 1712 WNUS 107.1 OH Belpre, calls, k  
 1715 WBYN 107.5 PA Boyertown, ads  
 1726 WZBA 100.7 MD Westminster, "The Bay"  
 1732 WETZ 103.9 WV New Martinsville, r, spots  
 1740 CFHK 103.1 ON St. Thomas, "Energy FM"  
 1741 WOMC 104.3 MI Detroit, "Oldies 104.3"  
 1755 WQCM 96.7 MD Halfway, spots  
 1757 WQLH 98.5 WI Green Bay, ID  
 1800 WVRC 104.7 WV Spencer, sports, ID  
 1804 WBRB 101.3 WV Buckhannon, "The Bear"  
 1805 WWDC 101.1 DC Washington, "DC-101"  
 1811 WOCT 104.3 MD Baltimore, o  
 1814 WCSM 96.7 OH Celina, "Mix 96.7"  
 2110 WTXM 95.7 TN Maryville, AA baseball  
 2133 KWNO 99.3 MN Rushford  
 2229 WAQE 97.7 WI Rushford, spots

6/2 Es

1143 XHSJS 96.3 BCS San Jose del Cabo

6/10 Es

2051 KWMX 96.7 AZ Williams, "Cool Oldies"  
 2059 KXOL 96.3 CA Los Angeles, "Sol"  
 2107 KLLY 95.3 CA Oildale, r, "Kelly 95.3"

6/12 Tr

0821 KRWA 103.1 AR Waldron, praise mx

6/21 Es

1812 KGMX 106.3 CA Lancaster, spots  
 1817 KCWR 107.1 CA Bakersfield, k  
 1853 KZXY 102.3 CA Apple Valley  
 1855 KRZR 103.7 CA Hanford, r, calls  
 1900 KPBZ 103.9 CA Chino Valley, ID  
 1902 KJJJ 102.3 CA Lake Havasu City, nx  
 1916 KDHI 92.1 CA Joshua Tree, k, calls  
 1921 KRCK 97.7 CA Manteca, "K-rock"

6/22 Es

2046 WVMX 94.1 OH Cincinnati, "Mix 94.1"  
 2049 WVLC 92.9 KY Lexington, spots  
 2053 WLVQ 96.3 OH Columbus, spots  
 2129 WFGH 90.7 WV Fort Gay, r, ID  
 2137 WAXZ 97.7 OH Georgetown, k

6/23 Es

1631 XHSAP 98.5 SO Agua Prieta, calls  
 1636 XHLDC 90.7 SO Imuris, "La Comadre"  
 1711 KDUC 94.3 CA Barrow, "Oldies 94.3"

6/25 Es

2031 WHOG 95.7 FL Ormond-by-the-Sea, r  
 2043 WROQ 101.1 SC Anderson

6/27 Es

1543 WOSN 97.1 FL Indian River Shores,  
 "Ocean FM"  
 1556 WMXP 103.5 FL Callaway, ID  
 1601 WSBZ 106.3 FL Miramar Beach, "The  
 Sea Breeze"  
 1603 WYCL 107.3 FL Pensacola, spots  
 1604 WOCY 106.5 FL Carrabelle, "Oyster  
 Country"  
 1617 WNSP 105.5 AL Bay Minette  
 1619 WAKT 105.1 FL Panama City Beach, "Kat  
 Country"  
 1623 WJYO 91.5 FL Fort Myers, "The Joy FM"  
 1630 WYFE 88.9 FL Tarpon Springs, local  
 KYLV nulled  
 1640 WZZS 106.9 FL Zolfo Springs, "Double Z"  
 1643 WDUV 105.5 FL New Port Richey, spots  
 1646 WXRR 104.5 MS Hattiesburg, "Rock 104"  
 1653 WRRX 106.1 FL Gulf Breeze, stn #2,000!  
 1701 WMOC 88.7 GA Lumber City, "Power  
 88.7"

1711 WMXA 96.7 AL Opelika, "Mix"  
 1712 WKKR 97.7 AL Auburn, local ads  
7/7 Es  
 1920 KDON 102.5 CA Salinas, RDS "KDON,"  
 first logging with RDS only (only  
 music heard...no ID, etc.)  
 1939 KIJZ 1939 ID Gooding, "Idaho's  
 Smooth Jazz"  
 2016 KRAY 103.5 CA Salinas, "La Buena  
 103.5"  
 2018 KATM 103.3 CA Modesto, RDS "The Kat"  
 2102 KIXF 101.5 CA Baker, RDS "Highway"  
 2106 KPLM 106.1 CA Palm Springs, calls  
7/11 Es  
 2047 KWKD 102.3 UT Randolph, "The Blaze"  
 2100 KFRZ 92.1 WY Green River, ID  
 2119 KRXQ 98.5 CA Sacramento, spots  
7/14 Es  
 1609 WWOC 94.5 NC Hatteras, "Water Country"  
7/16 Es  
 1930 KBPR 90.7 MN Brainerd, spots  
7/18 Es  
 2050 KRCY 92.7 AZ Kingman, "Crazy 92.7"

FMDXWeb.com

Click it!



From the

Editor

Thanks for the great support for Southern FM DX this past year. Here's hoping you all have a great holiday, and I hope to see all of you here for the WTFDA convention in July!

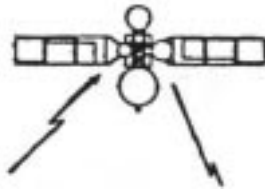


And there were shepherds living out in the fields nearby, keeping watch over their flocks at night. An angel of the Lord appeared to them, and the glory of the Lord shone around them, and they were terrified. But the angel said to them, "Do not be afraid. I bring you good news of great joy that will be for all the people. Today in the town of David a Savior has been born to you; he is Christ the Lord.

Merry  
 Christmas

The Zondlo family  
 John, Carol, Christy & Joel

# Satellite News



George W. Jensen  
4604 Anntana Ave.  
Baltimore, MD 21206-4220  
SCISATMAN@AOL.COM

## DECEMBER 2001

**CHANGES AND DELETIONS** - New on Satcom 3 4DTV is 616 - Health. Delete on 781 - Atlantic Satellite color bars. Add to Telstar 7 - 4DTV 798 - TV Warehouse. Oops -also delete Audio-Subcarrier - WOKIE from XPDR 24 and place this on GE 7 -I don't know which transponder, but it being downlinked on a 4DTV Channel.

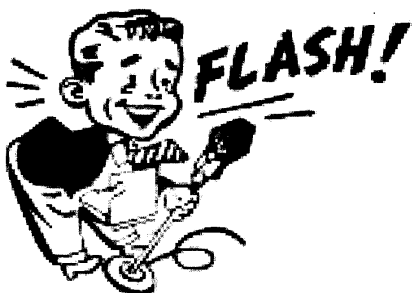
**Now to Telstar 7** - 129 West 24 C and Ku Channels - 17 watts - 12 year life launched in December 1999. Transponder 2 - digicipher - In Demand Pay-Per-View, 3 - same as above,as is xpdr 4. 5 - porn channel suite in Digicipher 7 - PCTV - hispanic digicipher as is 7, 9 and 11. 14 - MPEG 2 services encrypted except Independent Film Channel. 15 - Playboy - here from G 5, 16 - Vision Channel 17 - HBO HDTV feeds in 4DTV - 19 - VISAT Hispanic services 21 - Americas Collectibles Network - 22 - digicipher suite with B-Mania, SuperStore, Family-Net, etc. 118 - HBO HDTV East 120 - HBO HDTV West 724 - Video Italiano 798 - TV Warehouse 799 - TV Superstore 800 B-Mania 802 - The Family Network. Audio SubCarriers - 15 - KLON - Long Beach, California 5.58/7.76 Czble Radio Network 8.20 There are no current permanent services on the Ku-Band side.

**GALAXY 9** C Band only - 24 transponders 16 watts, 12 year life - not sure of launch date. Transponders in use - 2 - Gospel Music Television VC2 4 - Starz - East VC2 5 - The Church Channel - MPEG 2 33860H/27690 8 - Starz - West VC2 12 - Starz Theater East East VC2 16 - Encore East Vc2 20 - Starz Westerns - ast VC2 23 - Feeds Audio Sub-Carriers - 2 - Truth Radio Network 5.40 Genesis Communications Network 7.30 and Trueh Radio Network 2 5.8

**AN ADDITION TO TELSTAR 7** - TRANSPONDER 1 - HAS 4 RNE Spain radio feeds in MPEG 2 - 3724H/7089, these are Radio 1, Radio 3 , Sports and All News Radio 5. On Transponder 1 - 3733H/6522 - the following - WorldLink TV in evenings - also TTN - Triangle TV Network.

That's all for this month - see you in 30 - Merry Christmas, Happy New Year, Happy Chanukah and all the Greetings of the Season. GWJ

*George*



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# Weather Radio DX

Matthew C. Sittel  
15013 Eureux Circle  
Bellevue, NE 68123  
mcsittel@home.com

---

December 2001

Deadline: the 12th

New stations on the air (since approximately September 12, 2001):

| location<br>st city<br>----- | freq<br>162.<br>----- | stn.<br>calls<br>----- | power<br>watts<br>----- | programming<br>office<br>----- |
|------------------------------|-----------------------|------------------------|-------------------------|--------------------------------|
| AK Barrow                    | 550                   | KZZ53                  | N/A                     | Fairbanks, AK                  |
| IL Bloomington               | 525                   | KZZ65                  | 300                     | Lincoln, IL                    |
| IL Dixon                     | 525                   | KZZ55                  | 300                     | Romeoville/Chicago, IL         |
| IL Freeport                  | 450                   | KZZ56                  | N/A                     | Davenport, IA                  |
| IL Galesburg                 | 400                   | KZZ66                  | N/A                     | Lincoln, IL                    |
| IL Kankakee                  | 525                   | KZZ58                  | 300                     | Romeoville/Chicago, IL         |
| IL Lockport                  | 425                   | KZZ81                  | 1000                    | Romeoville/Chicago, IL         |
| IL Rockford                  | 475                   | KZZ57                  | 1000                    | Romeoville/Chicago, IL         |
| IA Maquoketa                 | 425                   | KZZ83                  | N/A                     | Davenport, IA                  |
| MO Maryville                 | 425                   | KZZ37                  | N/A                     | Pleasant Hill/Kansas City, MO  |
| MO Trenton                   | 500                   | KZZ38                  | N/A                     | Pleasant Hill/Kansas City, MO  |
| NJ Southard                  | 450                   | WXM60                  | 300                     | Philadelphia, PA               |

---

**Eric Bueneman, 631 Coachway Lane, Hazelwood, MO 63042-1347 (314) 839-9751 N0OUIHEric@aol.com**  
**Prepaid phone calls only. <http://www.qsl.net/n0uih/>**

Equipment (home): Radio Shack PRO-79 handheld scanner, RS VU-210XR with Archerotor at 28 feet AGL, (work-newsroom of WSIE-88.7 Edwardsville, IL, basement of Dunham Hall at SIU-Edwardsville): Radio Shack PRO-79 handheld scanner, RS scanner antenna at 50 feet AGL, mounted atop building.

|                 |       |       |                                  |                 |                         |       |       |                         |                                 |             |     |
|-----------------|-------|-------|----------------------------------|-----------------|-------------------------|-------|-------|-------------------------|---------------------------------|-------------|-----|
| 8/14 tr (home)  | 2239  | WWF75 | .525                             | MO              | Bourbon                 | 85    |       |                         |                                 |             |     |
| 0615 WWH30      | .500  | TN    | Dyersburg                        |                 | South Central MO wx, ID |       |       |                         |                                 |             |     |
| 0628 KIH46      | .475  | KY    | Mayfield                         | 2245            | WXJ75                   | .400  | IL    | Springfield             | 70                              |             |     |
|                 |       |       | IL/KY/MO/TN summary, ID, w/KXI49 |                 |                         |       |       | wx summary, ID, o/KXI52 |                                 |             |     |
| 10/30 tr (work) |       |       |                                  | 10/31 tr (home) |                         |       |       |                         |                                 |             |     |
| 2236 KXI52      | .400  | IL    | McLeansboro                      | 90              | 0145                    | WXM49 | .425  | IL                      | Marion                          | 100         |     |
|                 |       |       | SE Illinois weather, o/WXJ75     |                 |                         |       |       |                         | Southern IL wx summary, o/KXI79 |             |     |
| 2238            | WWG49 | .500  | MO                               | Fredericktown   | 85                      | 0150  | WXM71 | .400                    | IL                              | Springfield | 140 |
|                 |       |       | SE Missouri wx, ID               |                 |                         |       |       |                         | Central IL wx summary, o/KXI49  |             |     |

I was able to find the scanner antenna lead in the newsroom at work, so I hooked it up to my handheld scanner, and much to my surprise, I noted plenty of DX. .425 was a total mess (I normally hear KXI79 in that area). With two other stations, WXM49 and KXI66 on the frequency, it was no wonder! .400 had McLeansboro and Springfield battling it out, .450 was dominated by semi-local KXI70. .475 had KXI49 Salem, IL topping the frequency, while .500 had WWG49 Fredericktown obliterating KXI46 Shelbyville. .525 was dominated by WWF75 Bourbon; local KDO89 is parked on .550. 73, Eric (N0UIH)

---

**Matthew C. Sittel, 15013 Eureux St., Bellevue, NE 68123**

**mcsittel@home.com**

Equipment: Bearcat 210-XLT scanner, Winegard PR-5030 VHF antenna at 32', whip antenna, ICOM R-10 handheld scanner for mobile DX.

|          |       |      |    |                                 |    |      |       |      |    |                                 |     |
|----------|-------|------|----|---------------------------------|----|------|-------|------|----|---------------------------------|-----|
| 10/12 tr |       |      |    | 10/23 tr                        |    |      |       |      |    |                                 |     |
| 1432     | KZZ37 | .425 | MO | Maryville                       | 76 | 2107 | KZZ38 | .500 | MO | Trenton                         | 141 |
|          |       |      |    | local conditions for St. Joseph |    |      |       |      |    | local conditions for Lamoni, IA |     |

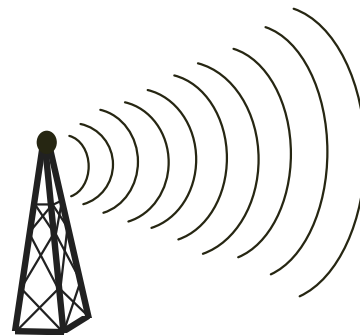
This is not the way I want to log new stations, with trouble-making nearby new transmitters... NWS log now at 73 stations. Still looking for Marshalltown, IA on .500; no luck so far, and hardly any DX to help me with it!

---

Don't forget the NOAA Weather Radio station list available with up-to-date station information on-line at: <http://members.home.net/mcsittel/nwstable.htm>. Now listing 650 NWR stations! And, if you've got any NWR DX or news from your area, please take a moment to share it with us all by dropping me a line via e-mail or snail mail. I hope you all have a great holiday season! 73s Matt.

# Northern FM DX

## Northern FM DX



Keith McGinnis  
387 Shirley Street, Winthrop, MA 02152  
longwave@mediaone.net

Ralph Strobel – 106 E Davidson St. Muncie IN 47303

Equipment: McIntosh MR-78 Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 32 feet AGL with use of Bolin Phase Box.

Underlined are new. Italics are with phase box.

November 18<sup>th</sup> 2000 MS

???? KRMD 101.1 Shreveport LA  
"For Coninous county KRMD-FM"  
706  
???? KBON 101.1 Mamou LA  
"This is Louisiana's..KBON 101.1"  
670

November 26<sup>th</sup> 2000 MS

0522 KBHP 101.1 Bemidji LA  
"stake your claim to KB-101 Fee  
money" 692

December 11<sup>th</sup> 2000 MS

0047 WRR 101.1 Dallas TX  
"Concert on WRR Classical 101"815  
???? KONE 101.1 Lubbock TX  
"Classic Rock 101 Change your  
attitude, not the dial  
Lubbocks Classic  
Rock..." 1018

December 14<sup>th</sup> 2000 MS

???? KRMD 101.1 Shreveport LA  
"...KRMD FM 101...." 706

December 21<sup>st</sup> 2000 MS

1215 KXIA 101.1 Marshalltown IA  
"\$199 furniture...in Grinnell..." 413

December 22<sup>nd</sup> 2000 MS

0600 KONO 101.1 Helotes TX  
"Happy Holidays from KONO 101...It's  
6 O'clock at  
KONO 101...good time oldes..." 1055

December 27<sup>th</sup> 2000 MS

0522 KRMD 101.1 Shreveport LA  
"this is KRMD FM 101" 706  
???? WRR 101.1 Dallas TX  
"...of WRR..." 815

January 3<sup>rd</sup> 2001 MS

???? KOSI 101.1 Denver CO  
"..gonna give a \$50 Amex gift Check  
for playing' along ..It's a winter  
warmup on COZY 101" 1040

January 27<sup>th</sup> 2001 MS

???? KLIZ 107.5 Brainerd MN  
"MN's home for great music, The  
Loon" 645

March 22<sup>nd</sup> 2001 TR

1900 WMYK 101.9 Roann-Peru IN  
// to WARV 98.5 Peru IN 58

March 29<sup>th</sup> 2001 MS

0200 KEOJ 101.1 Caney KS  
"...KXOJ Sapulpa-Tulsa; KEMX  
Locust Grove" 610

April 12<sup>th</sup> 2001 MS

0633 WRR 101.1 Dallas TX  
"...Valerie Moore WRR News..." 815

April 27<sup>th</sup> 2001 TR

0400 WTKY 92.1 Tompkinsville KY  
k (WBST Muncie IN off air) 241

May 11<sup>th</sup> 2001 MS

???? KFNF 101.1 Oberlin KS  
“..call DOTE Construction McCook  
NE...” 802

May 18<sup>th</sup> 2001 Es

1844 KEOM 88.5 Mesquite TX  
local news807

May 23<sup>rd</sup> 2001 Ms

0242 KONO 101.1 Helotes TX  
“on KONO 101” 1055

0309 KCFX 101.1 Kansas City MO  
“101 the Fox”495

May 25<sup>th</sup> 2001 Es

1645 KENT 90.5 Odessa TX  
g 1110

1651 KQIP 96.9 Odessa TX  
local ads1110

1710 KKCL 98.1 Lorenzo TX  
o 999

1715 KTSM 99.9 El Paso TX  
r 1316

1720 KTZA 92.9 Artesia NM  
k 1171

1727 KPRR 102.1 El Paso TX  
r 1316

2121 KCSU 90.5 Fort Collins CO  
p 1037

May 26<sup>th</sup> 2001 Es

1330 KUYI 88.1 Hoteville AZ  
r 1402

1341 KWYK 94.9 Aztec NM  
r 1244

1344 KDAG 96.9 Farmington NM  
1257

1437 KSPZ 92.9 Colorado Spg CO  
o 1040

1453 KKCH 92.7 Glenwood Spg CO  
RM “Choice FM on 92.3 & 92.7”1164

May 29<sup>th</sup> 2001 Es

2008 KUT 90.5 Austin TX  
j 978

2020 KNEL 95.3 Brady TX  
ads 1002

2046 KEOM 88.5 Mesquite TX  
r 807

2100 KTEP 88.5 El Paso TX  
ID 1316

May 31<sup>st</sup> 2001 Es

1900 KCDC 92.9 San Angelo TX  
k mono 807

2142 KSAB 99.9 Robstown TX  
l, ss 1109

2144 KFRQ 94.5 Harlingen TX  
ads 1201

2204 KCSU 90.5 Fort Collins CO  
s 1037

2208 KKCH 92.7 Glenwood SpgCO  
rm 1164

June 1<sup>st</sup> 2001 Es

1930 WMFL 88.5 Florida City FL  
g 1057

1931 WMCU 89.7 Miami FL  
g 1040

June 6<sup>th</sup> 2001 MS

0728 KLOL 101.1 Houston TX  
“on KLOL.....” 915

June 11<sup>th</sup> 2001 Es

1730 XHMAE 94.9 Ciudad Mante TM  
ID, ss 1393

June 16<sup>th</sup> 2001 Es

1548 WKCD 107.7 Pawcatuck CT  
Ads 712

1553 WFAF 106.3 Mount Kisco NY  
Ads, ID 614

1555 WTWV 101.1 Mashpee MA  
Ads, “The Wave” 784

1600 WSHU 91.1 Fairfield CT  
ID mono 638

1602 WHJY 94.1 Providence RI  
r 737

1607 WXTK 95.1 W. Yarmouth MA  
t mono 797

1612 WPLR 99.1 New Haven CT  
Ads 656

1622 WEZQ 92.9 Bangor ME  
r 904

1628 WBEB 101.1 Philadelphia PA  
PSA, “B-101”543

1629 WHYY 90.9 Philadelphia PA  
PSA 543

1630 WMEH 90.9 Bangor ME  
PSA 904

1633 WGLS 89.7 Glassboro NJ  
r 545

1637 WWYZ 92.5 Waterbury CT  
Ads, k 652

1648 WGNV 103.1 Newburgh NY  
Ads 601

1650 WCIB 101.9 Falmouth MA  
Ads, “Cool 102” 796

1653 CJXL 96.9 Moncton NB  
k mono “XL 96” 1116

1700 WHCF 88.5 Bangor ME  
g 904

1707 WDME 103.1 Dover-Foxcrt ME  
PSA 891

1709 WVCR 88.3 Loudonville NY  
rs 625

1722 WOXF 96.5 Bedford NH  
r 744

June 19<sup>th</sup> 2001 Es

1810 KKRW 93.7 Houston TX  
op 915  
1813 KSAB 99.9 Robstown TX  
l, ss 1109  
1819 KGRM 91.5 Grambling LA  
r 668  
1822 KKBA 92.7 Kingsville TX  
r "K BAY"1131  
1823 KITE 93.3 Port Lavaca TX  
o "KITE"1025  
1826 KIOX 96.9 El Campo TX  
k 979  
1830 KSBJ 89.3 Humble TX  
g 898  
1845 KLJT 102.3 Jacksonville TX  
792  
1850 KONO 101.1 Helotes TX  
o 1055

June 21<sup>st</sup> 2001 Es

1558 XHCAD 89.1 Reynosa TM  
ads, ss 1226

June 25<sup>th</sup> 2001 Es

1440 KLTY 94.9 Arlington TX  
PSA 821

June 26<sup>th</sup> 2001 Es

1315 WNMF 88.5 Tampa FL  
g 862  
1339 WIKX 92.9 Charlotte Hrbr FL  
k 933  
1342 WEOW 92.7 Key West FL  
r ex 92.3 "WOW 92.7" 1100  
1343 WWRM 94.9 Tampa FL  
r 862  
1348 WVIJ 91.7 Port Charlotte FL  
g 931

June 27<sup>th</sup> 2001 Es

1400 KEOM 88.5 Mesquite TX  
r 807  
1406 KNEL 95.3 Brady TX  
k 1002  
1428 KBLK 92.5 Burnett TX  
Ads "K BAY" 973  
1445 XHSL 99.1 Piedras NegrasCL  
l, ss 1172  
1452 KHMx 96.5 Houston TX  
Ads 915  
1459 KSTX 89.1 San Antonio TX  
c 1050  
1503 KSJL 92.5 Devine TX  
r 1083  
1548 WWRM 94.9 Tampa FL  
Ads 862

1556 WARO 94.5 Naples FL  
Ads 993  
1557 KFRQ 99.5 Harlingen TX  
Ads 1201  
1558 KODA 99.1 Houston TX  
mr 915

1600 Unid 88.3 Radio Mundial ss  
1617 XHVAO 101.5 Rio Bravo TM  
l, ss 1227  
1628 KCAS 91.5 McCook TX  
g 1210  
1632 WIKX 92.9 Charlotte Hrbr FL  
k 933  
1641 KXKC 99.1 New Iberia LA  
Ads, k 792  
1650 KOGM 107.1 Opelousas LA  
Ads 766  
1700 XHMN 107.7 Monterrey NL  
l, ss 1325  
1708 KSBJ 89.3 Humble TX  
g 898  
1718 KMXR 93.9 Corpus Christi TX  
mr 1098  
1722 KSAB 99.9 Robstown TX  
l, ss 1109  
1723 KBON 101.1 Mamou LA  
k Previous MS catch  
770  
1725 KLTW 106.7 Rayne LA  
o, ads 790

June 28<sup>th</sup> 2001 Es

1335 KSJL 92.5 Devine TX  
Ads 1083  
1338 KXTN 107.5 San Antonio TX  
l, ss 1050  
1346 KFMX 94.5 Lubbock TX  
r 1018  
1358 KVET 98.1 Austin TX  
k 978  
1414 KMML 96.9 Amarillo TX  
k 962  
1416 KMXJ 94.1 Amarillo TX  
r 962  
1435 KLTY 94.9 Arlington TX  
Ads 831  
1440 KATX 97.7 Eastland TX  
r 921  
1452 KAGT 95.1 Baird-Abilene TX  
g k 946  
1500 KSYE 91.5 Frederick OK  
g, ID, Ads 946  
1500 KOCV 91.3 Odessa TX  
ID 1110  
1502 KMSI 88.1 Moore OK  
g 741  
1530 KPDR 90.5 Wheeler TX  
g 876  
1535 KCLV 99.1 Clovis NM  
k 1059  
1540 KTQM 99.9 Clovis NM  
r 1059  
1600 KLYT 88.3 Albuquerque NM  
g 1217

July 3<sup>rd</sup> 2001 TR

1900 WNMW 96.3 Atlanta IL  
op, "Classic Hits 96.3" 195

July 4<sup>th</sup> 2001 TR

0300 WYSM 89.3 Lima OH  
gr, "Yes FM" 79

July 8<sup>th</sup> 2001 Es

1235 KTSU 90.9 Houston TX  
g 915  
1239 KRYS 99.1 Corpus Christi TX  
k 1098  
1249 KKBA 92.7 Kingsville TX  
r, "K-BAY"1131  
1251 KFRQ 94.5 Harlinger TX  
Ads 1201  
1254 KYKR 95.1 Beaumont TX  
k, "Kicker" 854  
1300 KMAT 105.1 Seadrift TX  
showtunes1035  
1307 KXGJ 101.7 Bay City TX  
k, ads(under WURK Elwood IN) 980  
1313 KMFM 100.7 Premont TX  
g mono1149  
1321 KEYI 103.5 San Marcos TX  
o 1006  
1324 KLUB 106.9 Bloomington TX  
Ads (under WMRI Marion IN) 1032  
1328 KUEZ 99.3 Lufkin TX  
o, ads 805  
1332 KGSR 107.1 Bastrop TX  
Ads 969  
1335 KXTN 107.5 San Antonio TX  
Ads 1050  
1338 KKYS 104.7 Bryan TX  
Ads 903  
1340 KPEZ 102.3 Austin TX  
op 978  
1345 KTND 107.7 Georgetown TX  
"The End"957  
1348 KZEP 104.5 San Antonio TX  
r 1050  
1355 KCJZ 106.7 Terrell Hills TX  
rs 1047  
1355 KASE 100.7 Austin TX  
"Case 101" 978  
1400 KALP 97.7 Winfield TX  
k 725  
1401 KMFA 89.5 Austin TX  
c 978  
1418 Unid 98.3  
"Lone Star 98" (editors note...this  
looks like KYYK)  
1424 KSJL 92.5 Devine TX  
r 1083  
1438 KEOM 88.5 Mesquite TX  
r 807  
1445 WACO 99.9 Waco TX  
Ads 870

July 12<sup>th</sup> 2001 Es

1103 KFRQ 94.5 Harlingen TX  
r 1201

1111 KQXX 98.5 McAllen TX  
l, ss 1219  
1118 KITE 93.3 Port Lavaca TX  
o 1025

July 14<sup>th</sup> 2001 Es

1112 WSJJ 94.1 Lakeland FL  
861  
1117 WUKS 100.7 Tampa FL  
Ads 862  
1125 WARO 94.5 Naples FL  
r 993  
1129 WMFM 107.9 Key West FL  
r, ss(under WTPI Indianapolis IN)  
1100  
1134 WSKY 97.3 Micanopy FL  
wx, "Sky 97.3 FM" 759  
1138 KSAB 99.9 Robstown TX  
Ads 1109  
1145 WLPJ 91.5 New Pt Richey FL  
g 837  
1200 WMKL 91.7 Key Largo FL  
gr, "The Call" 1083  
1213 WJGO 102.9 Tice FL  
r 955  
1220 WINK 96.9 Fort Myers FI  
wx 959  
1455 KIOX 96.9 El Campo TX  
k 979  
1455 KRYS 99.1 Corpus Christi TX  
k 1098  
1458 KITE 93.3 Port Lavaca TX  
o 1025  
1505 KVFM 91.3 Beeville TX  
g, "Radio Christiana" Ids 1078  
1508 KSBJ 89.3 Humble TX  
g 898  
1511 KKRW 93.7 Houston TX  
op 915  
1513 KYBJ 91.1 Lake Jackson TX  
g 960  
1533 KTSU 90.9 Houston TX  
j 915  
1545 KLUX 89.5 Robstown TX  
m 1109  
1600 KXBJ 89.3 Victoria TX  
g (KSBJ; KXBJ and KYBJ Ids) 1028

July 18<sup>th</sup> 2001 TR

2332 WAJT 102.1 Mount Vernon IL  
r, "Star 102"229

July 20<sup>th</sup> 2001 Es

1815 XHMU 90.1 Tampico TM  
l, ss 1444  
1817 XHSTO 94.5 Tampico TM  
l, ss 1444  
1822 XHHF 96.9 Tampico TM  
l, ss 1444  
1834 XHMDR 103.1 Ciudad Madero  
TM l, ss 1444

1841 XHRW 97.7 Tampico TM  
l, ss 1444

July 31<sup>st</sup> 2001 TR

0327 KBGY 107.5 Faribault MN  
k 493  
0500 KKSD 104.3 Milbank SD  
o 669  
0540 KIXX 96.1 Watertown SD  
r, PSA(over WQLK Richmond IN)  
680  
0647 KCLD 104.7 St Cloud MN  
r 579  
0747 KWWK 96.5 Rochester MN  
PSA 451  
2051 WDQZ 99.5 Lexington IL  
op(over WZPL Greenfield IN) 192

August 1<sup>st</sup> 2001 TR

0040 KNEI 103.5 Waukon IA  
k 380  
0201 WVIK 90.3 Rock Island IL  
c, ex 90.1 (over WBCL Fort Wayne IN)  
286

August 3<sup>rd</sup> 2001 TR

0100 WIVR 101.7 Kentland IN  
k, "River Country" (over WURK  
Elwood IN)110

August 7<sup>th</sup> 2001 TR

1803 WXAJ 99.7 Hillsboro IL  
r (over WSHW  
Frankfort IN)229  
2345 KLIR 101.1 Colombus NE  
r, ads 633

August 8<sup>th</sup> 2001 TR

0149 KSRZ 104.5 Omaha NE  
r, ads(over WGLD Indianapolis IN)  
558  
0250 KGLI 95.5 Sioux City IA  
r (over WFMS  
Indianapolis IN) 593  
0513 KLQL 101.1 Luverne MN  
k 606

August 12<sup>th</sup> 2001 TR

0520 KOTM 97.7 Ottumwa IA  
r, ads 373

August 13<sup>th</sup> 2001 MS

0119 KOSI 101.1 Denver CO  
"this is Cozy 101" 1040

August 20<sup>th</sup> 2001 MS

???? KONE 101.1 Lubbock TX  
local wx 1018

August 22<sup>nd</sup> 2001 Es

1724 KAXF 88.3 Conroe TX  
g 887  
1738 WEOW 92.7 Key West FL  
r 1100  
1742 WOLZ 95.3 Fort Myers FL  
Ads 969  
1750 WINK 96.9 Fort Myers FL  
r 969  
1751 WCNK 98.7 Key West FL  
sm j "Conk FM" 1100  
1758 WYPT 97.7 Punta Rassa FL  
pr"The Point" 968  
1800 WBIY 88.3 La Belle FL  
g 955  
1813 C--- 90.3 Havana CU  
Cuban News (editors note 90.3 is  
Radio Progreso)  
1816 WCKT 107.1 Lehigh Acres FL  
k "Cat Country" 963  
1823 WJPT 106.3 Fort Myers FL  
m"music of your life" 962  
1828 WKLG 102.1 Rock Harbor FL  
r 1085  
1838 WDRR 98.5 San Carlos Pk FL  
sm j 972  
1843 WGUF 98.9 Marco FL  
Ads mono1009

August 23<sup>rd</sup> 2001 Es

1920 KCIR 90.7 Twin Falls ID  
g "Sounds of the Spirit  
Radio Netwk"

August 25<sup>th</sup> 2001 TR

0202 WLXO 96.1 Stamping Gnd KY  
o "Oldes 96.1" (over  
WQLK Richmond IN)

September 2<sup>nd</sup> 2001 TR

2145 WCMZ 98.3 Sault St Marie MI  
j 440  
2145 WCMV 95.7 Oscoda MI  
// WCMX 312  
2210 WSVE 101.3 Sault St Marie MI  
r (over WFMG  
Richmond IN)440  
2356 WHAK 99.9 Rogers City MI  
r 370

September 3<sup>rd</sup> 2001 TR

|      |                           |       |             |     |
|------|---------------------------|-------|-------------|-----|
| 0100 | <u>WVXA</u>               | 96.7  | Rogers City | MI  |
|      | (over WHTY Alexandria IN) |       |             | 370 |
| 0120 | <u>WBOG</u>               | 94.5  | Tomah       | WI  |
|      | o                         |       | 371         |     |
| 0155 | <u>WYTE</u>               | 96.7  | Whiting     | WI  |
|      | k                         |       | (over WHTY  |     |
|      | Alexandria IN)            |       | 365         |     |
| 0420 | <u>WXWX</u>               | 107.5 | Brillion    | WI  |
|      | r                         |       | "The Fox"   | 309 |
| 0552 | <u>KFIZ</u>               | 107.1 | Fon du Lac  | WI  |
|      | r                         |       | "K107"      | 294 |

September 5<sup>th</sup> 2001 TR

|      |                                   |       |             |     |
|------|-----------------------------------|-------|-------------|-----|
| 1917 | <u>KRSW</u>                       | 89.3  | Worthington | MN  |
|      | c, ID                             | 576   |             |     |
| 1952 | <u>KLQL</u>                       | 101.1 | Luverne     | MN  |
|      | Ads                               | 606   |             |     |
| 2158 | <u>KAGE</u>                       | 95.3  | Winona      | MN  |
|      | Ads"KG 95.3' (over WLFF Brookston |       |             |     |
|      | IN)                               |       |             |     |
| 2215 | <u>KHME</u>                       | 101.1 | Winona      | MN  |
|      | r, Ads"Home FM"                   |       |             | 418 |

|      |             |       |           |    |
|------|-------------|-------|-----------|----|
| 2307 | <u>KBGY</u> | 107.5 | Faribault | MN |
|      | k           |       | 493       |    |

September 6<sup>th</sup> 2001 TR

|      |             |       |            |    |
|------|-------------|-------|------------|----|
| 0001 | <u>WBIZ</u> | 100.7 | Eau Claire | WI |
|      | rs          | 447   |            |    |

October 28<sup>th</sup> 2001 TR

|      |               |       |                         |    |
|------|---------------|-------|-------------------------|----|
| 0357 | <u>WQXX</u>   | 106.1 | Morehead                | KY |
|      | rm, ex 92.1   |       | "Double X 106.1" (local |    |
|      | Xltr off air) |       |                         |    |

October 29<sup>th</sup> 2001 TR

|      |                |      |            |    |
|------|----------------|------|------------|----|
| 0000 | <u>WHLP</u>    | 89.9 | Hanna      | IN |
|      | g, mono        |      | (over WDPG |    |
|      | Greenville OH) |      | 115        |    |

Rick Shaftan Sparta NJ [shaftan@ptd.net](mailto:shaftan@ptd.net)

Equipment: Realistic STA-2280; Conrad RDS Manager; Two Aps 14s

Stagger stacked with two FM 13s

@ are new # are new prop mode

October 6<sup>th</sup> 2001 Tropo

|        |            |           |    |
|--------|------------|-----------|----|
| PM     | @WCMP100.9 | Pine City | MN |
| RDS PI | 5B37       | 975 297d  |    |

October 7<sup>th</sup> 2001 MS

|        |            |            |    |
|--------|------------|------------|----|
| PM     | @WLRH 89.3 | Huntsville | AL |
| RDS PI | 7375       | 783 240d   |    |

October 8<sup>th</sup> 2001 MS

|        |                                    |            |    |
|--------|------------------------------------|------------|----|
| AM     | @WPNE 89.3                         | Green Bay  | WI |
| RDS PI | 7D9A                               | 716 294d   |    |
| PM     | WPNE 89.3                          | Green Bay  | WI |
|        | Again, this time showing the call. |            |    |
| PM     | WLRH 89.3                          | Huntsville | AL |
|        | Again w/RDS PI 7375 783 240d       |            |    |

October 12<sup>th</sup> 2001 MS

|        |           |            |    |
|--------|-----------|------------|----|
| PM     | WLRH 89.3 | Huntsville | AL |
| RDS PI | 7375      | 783 240d   |    |

October 16<sup>th</sup> 2001 MS

|      |                           |            |      |
|------|---------------------------|------------|------|
| 1100 | @WFRG 89.3                | Atlanta    | GA   |
|      | RDS PI 8214               | 734 230d   |      |
| 1500 | WLRH 89.3                 | Huntsville | AL   |
|      | RDS PI 7375. Showed WRRH. |            | 783  |
|      |                           |            | 240d |

October 17<sup>th</sup> 2001 MS

|        |           |            |    |
|--------|-----------|------------|----|
| 1600   | WLRH 89.3 | Huntsville | AL |
| RDS PI | 7375      | 783 240d   |    |

October 22<sup>nd</sup> 2001 TRs/MS

|      |                               |                |      |
|------|-------------------------------|----------------|------|
| 2000 | @WSLU 89.5                    | Canton         | NY   |
|      | RDS PI 8562. Too close for Ms |                | 243  |
|      |                               |                | 354d |
| 2145 | @CBSM 89.5                    | Sault St Marie | ON   |
|      | RDS PI CB34                   | 615 312d       |      |

October 23<sup>rd</sup> 2001 MS

|      |                       |                |    |
|------|-----------------------|----------------|----|
| 1300 | Unid 89.5             |                |    |
|      | RDS PI 03AD           |                |    |
| PM   | CBSM 89.5             | Sault St Marie | ON |
|      | RDS PI CB34. SRC-PREM | 615 312d       |    |

October 24<sup>th</sup> 2001 MS

|    |             |            |    |
|----|-------------|------------|----|
| AM | #WHBM 90.3  | Park Falls | WI |
|    | RDS PI 674A | 852 299d   |    |

October 27<sup>th</sup> 2001 TRs

|      |                                      |            |    |
|------|--------------------------------------|------------|----|
| 0143 | @WVPH 90.3                           | Piscataway | NJ |
|      | You're listening to WVPH Piscataway. |            |    |

November 11<sup>th</sup> 2001 MS

1952 KOWZ 100.9  
Blooming Prarie MN "100,9  
KOW..." 974 289d

November 12<sup>th</sup> 2001 MS

AM WSYE 93.3 Houston MS  
RDS PI 86A4 927 242d

November 16<sup>th</sup> 2001 MS

2137 @WRAX107.7 Birmingham  
AL "107.7 The X" 827 237d

November 17<sup>th</sup> 2001 MS

AM @WCUP105.7 L'Anse MI  
RDS PI 5C07 786 304d

November 18<sup>th</sup> 2001 MS

0404 WSYE 93.3 Houston MS  
"...on Sunny 93.3" 927 242d

November 18<sup>th</sup> 2001 TR

0845 Unid 92.1  
Religious Programming  
0850 @WMYL95.5 Salladasburg PA  
American Gold, Ad for CCN CATV  
8. 134 277d  
1004 @WWPJ89.5 Pen Argyl PA  
A rude surprise, me thinking  
Harrisburg has  
been strong lately. //WWFM. Listed at 100  
watts so should be nullable in Eskip. 254  
35d  
1105 @WVCC101.7 Linesville PA  
MoYL type mx. 305 280d

FM up to 2237. Sorry guys, if I get the PI,  
that's good enough for me

---

## Lenny Goldberg - Ashland, Oregon - Sony 6450 car radio

November 18<sup>th</sup> 2001 Ms

1053 KHTQ 94.5 Hayden ID "Rock 94 and a half" NEW!  
1100 KOLA 99.9 San Bernadino CA oldies NEW!  
1110 KIFM 98.1 San Diego CA "smooth jazz 98.1" NEW!  
1117 unid 94.1 "Christmas 94.1" ad for 'Moskie(?) Ford'  
{KUDL is supposed to go to this format on 11/21}  
1120 CIMG 94.1 Swift Current SK "the Eagle" NEW!  
1120 KOPR 94.1 Butte MT "ad for Dee Motors" NEW!  
1120 KMXB 94.1 Henderson NV "mix 94.1" NEW!

At this point I think it changed to Es, because signals stayed in for longer periods of time!?

1145 CFMC 95.1 Saskatoon SK "Saskatchewan Top 30 Countdown" NEW!  
1153 CIZL 98.9 Regina SK "Zed 99" NEW!  
1205 unid 96.1 "House of Blues Radio Hour" I couldn't find a  
96.1 that carries this show at this hour on Sunday.  
1207 unid 92.9 ID sounded like "Ka-not FM"  
1212 unid 100.7 I heard KATY or KETY, prob. KHAY,tho.  
"continuous country favorites"  
1215 KBZB 98.9 Pinoche NV ads for Vegas hotels NEW!

Please send unid help to: [lenny@cdornotcd.com](mailto:lenny@cdornotcd.com) Thanx

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## Mike Bugaj – 69 Sherman Road – Enfield, CT – 06082 Carver-TX-11, Probe-9

Two new translators on the air on 91.9 locally; one is W220CH West Hartford, CT and the other is W220CE in Southington CT, both carrying WMNR-88.1 programming. Nov 18 MS brought a long burst at 1305 with WLTO-102.5 Nicholasville, KY (girl with local sports), WOWC-102.5 Jasper, AL (NAPA 500 racing) and WHPT-102.5 Sarasota (Tamps Bay's Real Classic Rock). Fell asleep and missed the good stuff at 5am. Nov 18 TR WRSF-105.7 NC @ 1950. That's it.



# ASK WTFDA

Q. I Would like to know who in the club keeps 110 or 150 khz filters on hand? I have a small hand held Radio Shack am/fm digital I would like to put filters in (radio about the size off the old transistor radios) and see how it performs. Can someone tell me which filters would be the logical choice without hurting the overall performance of the radio? Radio Shack doesn't provide any spec info on this radio, such as sensitivity, selectivity, etc. ,so couldn't tell anyone what those numbers are. (Maybe I'm still a dummy after dxing for over 20 years.....do filters really help with selectivity in a radio, if the radio isn't a piece of junk?).

A. You will find a handful of FM Dxers with Murata filters. Just put the word out on the WTFDA list that you are looking for some. Narrow filters will make a junk radio much better and will even improve a top of the line tuner, which is why people put them in Carvers and Onkyos and Yamahas.The choice for your radio? If it's really lousy go for broke...use the 110s. You have nothing to lose.

Q2. Are there any filters available for the Icom R7100 for FM? Thanks.

A. The Icom R7000, R7100, and the R8500 receivers only use two ceramic filters for wide FM reception Typically these filters have a -3dB bandwidth of ~ 230 KHz. This is far too wide for TV or FM DX audio. The following comments from Ian Roberts, (ICDX reflector), will explain why:

"Note that increased IF filter losses have no effect on the sensitivity of receivers - assuming that they have sufficient RF gain and first IF gain in front of the IF filter(s). The noise-to-noise ratio of a receiver - derived from KTB - is bandwidth related, so reducing bandwidth from 230 to 110 kHz will increase sensitivity by  $10\log 230/110 = 3.2$  dB. The visual effect is a possible reduced "s"-meter reading of ~3 dB, depending on where the "s"-meter senses the IF level. This reduction may be interpreted by the user to mean lower sensitivity, erroneously.

Guessing, it seems that ICOM uses ~230 kHz WFM filters to enable users to make use of the 10 MHz output on the 10MHz/AGC voltage connector on the rear panel (of the IC-R8500, also IC7000?) for external stereo decoding. The receivers themselves do not decode stereo so there is every reason to reduce the WFM bandwidth. Mono TV sound has a deviation or around ~50 kHz and mono FM broadcasts ~70-100 kHz. The additional deviation due to stereo and information subcarriers can be dumped in the narrower 110 kHz filters without harming the DX performance of the receiver. Also services such as satellite APT (WEFAX) require 50 kHz at most - one would have thought decent filters for these ICOM receivers would have been 15 kHz standard communications FM, 50 kHz TV sound/WEFAX/weak TEP broadcast FM, etc and 110 kHz for strong FM mono broadcasts."

I suggest Murata SFE 10.7 MHY-A 110 KHz filters are ideal for wide FM in Icom receivers. It is interesting to note that even though I have four Murata 110 KHz filters in my ONKYO T-9090 11, there is no loss of stereo on weak signals.

I just bought a IC 8500. Replacement filters for wide FM in the 8500 is more difficult due to the use of surface mount chip Murata 230 KHz filters. I can only cut across the stock chip filters, and leave enough lead protruding from the pcb for the replacement 110 KHz filters.

I now have a web page highlighting all the top scanners and receivers for DX TV monitoring:  
[http://www.geocities.com/toddemslic/scanners\\_for\\_TVDX.htm](http://www.geocities.com/toddemslic/scanners_for_TVDX.htm)

**The 2002 WTFDA TV Station Guide  
...coming soon!**



## “..and some e-skip on a pear tree..”

Item one for December 2001 is to extend my personal best wishes for this holiday season to every WTFDA member. This was an emotionally draining year; and while it's true that time heals wounds, the scars from September 11 are deep and will not quickly disappear. Now, more than ever, we need all the cheer we can get.

This month's title was selected mainly because I wasn't able to come up with anything else that seemed appropriate. It's one of those times when inspiration is in short supply, and the keyboard seems as cold as Blitzen's nose.

Backtracking a bit, I'd like to mention that when I made the commitment to publish Jeff Miller's *"U.S. Television Chronology"*, I knew that it would be lengthy but didn't expect to wind up with 11 months worth of copy.

Considering the time span covered, along with the myriad of industry-related developments therein, I suppose I should be amazed that it wasn't twice as long.

For those of us who saw TV take it's first faltering steps before getting on the road to maturity, it was a wonderful nostalgia piece. For those who came on the scene later, It's my hope that you were able to transport yourself back to those times by means of that *"TV Time Tunnel"* feature.

Since 1968, when Jeff's commentary wrapped up, an enormous number of technical advances have been made. While it might be successfully argued that many of the basics of

television have changed little since the FCC adopted the NTSC system, a lot has changed.

At the time those changes were taking place the transition was subtle. Yet when we look at tapes made as recently as 10 years ago, the contrast to today's overall quality and production techniques is astounding.

Of course satellite delivery of programming has evolved from a luxury to a necessity. The switch from film to tape to live satellite feed has revolutionized every facet of the industry...particularly newsgathering

Cranky tubes and bulky circuitry have given way to smaller and more reliable components. A device that once occupied 6 feet of space in an equipment rack has been replaced with a chip the size of a fingernail. Changes took place everywhere..and continue at this very moment.

From a DXer's perspective a lot of the new technology is a bit mysterious, sometimes baffling, and increasingly frustrating. I'm referring, primarily, to the arrival of DTV.

Much like Cooper and Seybold, as they unraveled the quirks of click detent tuners, antenna designs, and propagation in the 50s; those among us who are currently pioneering in DTV are blazing trails that will be traveled for years to come. We already know a little about these new byte size signals, but it'll take years to amass knowledge equal to that which we now possess of analog television.

In all likelihood, some in our midst won't move along with the changes and eventually abandon the hobby. But the guard WILL change and younger soldiers with inquisitive minds and unbridled zeal will take their places.

While the focus will increasingly shift to DTV, I personally suspect that NTSC will survive much longer than anyone had thought even as recently as a couple of years ago. Don't toss out your analog gear just yet!

TV DXing will be around for a long time (and DTV itself may change radically before all is said and done)!

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**IN CONCLUSION:** After nearly 13 years, this column's status will change from that of a regular monthly feature to an occasional presentation. There are several reasons; foremost among them my desire to enjoy retirement to the fullest, travel extensively, and free myself from as many deadline driven duties as possible. While there'll probably be a *"Time Tunnel"* more months than not, don't panic if there's an occasional lapse.

# Technical Topics

(Continued from the November VUD)

Now we have an equation for our effective earth model which could be used to describe DX conditions. For a given radio path,  $\theta$  and  $a$  are known, and  $n$  could be measured or at least approximated, leaving the  $dn/dh$  term our main variable.

Practically speaking,  $dn/dh$  is the rate of change of the refractive index, i.e. the rate at which  $n$  varies with altitude. A specific calculation of  $k$  implies  $\frac{\Delta n}{\Delta h}$ . From the equation, one can see that  $dn/dh$  must average to a negative value for  $k > 1$ , and hence, potential DX conditions. (Incidentally, note that as  $\theta$  increases,  $k$  decreases. This is another justification for getting that antenna up high.)  $dn/dh$  is the magic number that pops up all the time in propagation literature. But what they never tell you is where to get  $dn/dh$ ! Because  $n$  varies with height, some device must be employed to take measurements while flying up into the sky.

Normally,  $n$  is not measured directly. For some propagation studies and in experiments conducted by hams and at least one W7FDA member (see reference), radiosonde readings were used. Radiosondes are weather balloons sent up with instruments and a small transmitter which measure altitude, temperature, pressure, and humidity, and relay that information back to earth. From such data,  $n$  can be calculated with a reasonable degree of accuracy. For your information, the formula used is:

$$N = 10^6(n - 1) = \frac{77.6}{T} \left( P + 4810 \frac{e}{T} \right)$$

Where  $T$  = temperature in degrees K ( $^{\circ}\text{K} = ^{\circ}\text{C} + 273$ ),  $P$  = pressure in millibars, and  $e$  = partial pressure of the water vapor in mbars.

The hobbyist probably does not have access to a radiosonde, but we can still benefit from past experimentation. By looking at the equations, we can tell exactly what conditions are needed for long-distance propagation, and then make the associations between observable weather and actual DX. These are:

1. The greater the change in  $-dn/dh$ , the greater the degree to which a ray is curved toward the earth. Remember, as  $-dn/dh$  approaches  $\infty$ , the curvature of the ray approaches the earth's curvature.
2. The greater the change in  $n$ , the greater the change in  $N$  as well.
3.  $N$  increases with pressure and humidity, and decreases with temperature.
4. Atmospheric pressure  $P$  always decreases with altitude, but temperature and moisture can vary with height—and *that's* the secret!

Therefore, cool, moist air is necessary for high values of  $N$ , while warm, dry air results in low values.

Under normal conditions (no tropo enhancement or ducts), temperature and moisture gradually decrease with altitude. Thus, a graph plotting  $N$  versus altitude has a plain, continuous downward slope (Figure 4a). Instead, what we're looking for is a sudden change in  $dn/dh$ , remembering that reflection or refraction occurs where there is a sudden change in  $n$ .

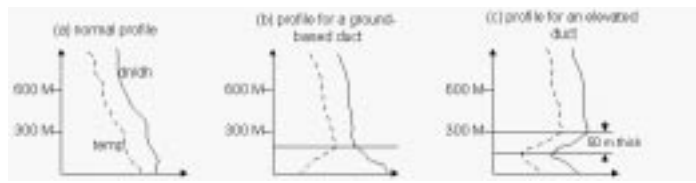


Figure 1 Refractivity and temperature profile examples

Figure 4b shows a discontinuity in the  $dn/dh$  profile about 300 m up, a condition which will bend the radio signal back to earth. The sharpness and altitude of the break in the profile will affect the degree to which the ray is bent, and hence how far away a station can be heard. This is a “ground based duct,” as the ground serves as one wall of the pseudo-waveguide. The ground-based duct generally brings us the DX over fairly wide areas up to a few hundred miles out.

Figure 4c shows an “elevated duct,” which is formed from two discontinuities in the  $dn/dh$  profile. In Figure 4c, these breaks occur at 300 and 250 m in altitude, producing a duct which is described as having a thickness of 50 m. The thickness of a duct (generally ranging from 10 to 100 m), referred to as the “inversion depth,” determines the minimum frequency that is superrefracted. The horizontal dimension of a duct may run several dozen kilometers. The elevation and length help determine propagation distance. It is this kind of situation that brings us the long-distance (over 500 miles) tropo DX we desire. For example, there are documented cases of VHF contacts in the ham bands (144, 220, and 432 MHz) over a 2500 mile transcontinental path! This would indicate the transmission of VHF signals through even a very long duct is good.

Notice how, in Figure 4, temperature profiles are also plotted (using dotted lines) with altitude. Breaks in the  $T$  profile coincide with the breaks in the  $dn/dh$  profile. Because, in this situation, the temperature rises with altitude instead of decreasing as it normally should, an “inversion” is said to exist. An inversion is defined as increasing temperature with altitude, a condition which can be easily created by weather fronts and convections.

To summarize: VHF/UHF signals can be propagated through a duct whose walls are located by the “corners” of the  $dn/dh$  profile. Often those corners are formed by a temperature inversion. The walls effectively make up a waveguide. Like any waveguide, its dimensions affect the frequencies which are transmitted. The height of the waveguide above ground affects the distance over which signals can travel. As atmospheric changes vary the dimensions of the box, the MUF (Maximum Useable Frequency) changes. Often the duct starts narrow in thickness, so that the shorter wavelengths of UHF TV channels are transmitted first. As the inversion widens, the MUF drops, sometimes into the low-band VHF TV range. [to be continued...]

Note: the bibliography was not included in the first installment, so it is not included here.

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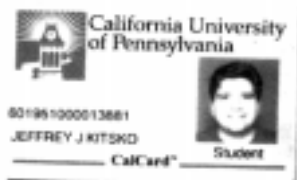
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