

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

NOVEMBER 1998



**THE LEONID METEOR SHOWER:  
IS *THIS* THE YEAR FOR GREAT DX?**



WORLDWIDE TV-FM DX ASSOCIATION  
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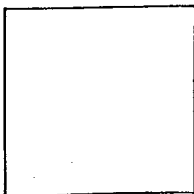
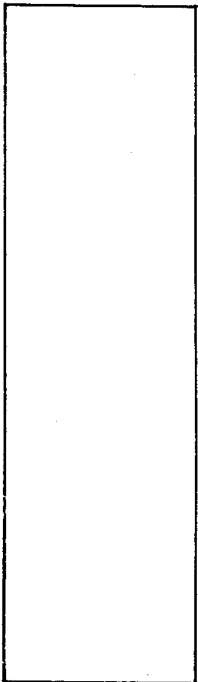


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## WORLDWIDE TV-FM DX ASSOCIATION

*Serving the VHF-UHF 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 CONGLO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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### FROM THE STAFF:

**CREAK, GROAN:** The wheels of progress turn slowly in a lot of places, and WTFDA is no exception. When contemplating changes it is essential to assemble as much information as possible, including comments and suggestions from our members. That process has been going on for some time as we look for ways to 'grow' our club and the DXing hobby. Mike Bugaj has an enormous amount of correspondence pertaining to such things as publicity, member satisfaction, our club's relationship with ANARC, and content of the VUD. He is in the process of compiling a summary for review by the Board of Directors. You can expect to see some of those results implemented shortly after the first of the year; perhaps sooner.

**WANTED:** Convention coordinator Tom Bryant is looking for a host for the 1999 WTFDA convention. If you're interested, or curious about what's involved, write him at 849 Todd Preis Drive, Nashville TN 37221; or e-mail [tjbdx@home.com](mailto:tjbdx@home.com).

**FRIEND OR FOE:** Much has been said for and against computers and their impact on almost everything we touch. Whether you love them or hate them, computers are here to stay; and DXers might as well make the best of it. This reprint offers some thoughts worth consideration.

### "IS THE INTERNET RUINING OUR HOBBY?"

(condensed from NRC's "DX News" which picked it up from the NZ "DX Times")

Although the internet can be an excellent tool in the enjoyment of a hobby, many hobbies are finding people get interested in the Internet, and forego their original hobby in favour of computers and the Internet in general. Ham radio along with radio and tv DXing hobbies are particularly vulnerable, as most people involved with them have an interest in the technical aspects of radio, the ability to gather information, and the desire to be entertained.

Why go through the anguish of studying for difficult exams to obtain a transmitting license, when you can just walk into a computer store and buy yourself a ticket to communicate world-wide at the click of a button? A strong willed person can get on the internet with an outlay of under \$400 for a bare-bones used computer lashup.

In the DXing hobbies we must actively monitor the ever-changing Internet technology and promote it as a hobby enhancing tool. We should also use it as an effective tool in attracting people to our hobby. It is far more challenging and fulfilling to log a distant broadcast signal over the airwaves than just connecting to an audio or video source available on a website.

## WTFDA MAILBOX

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Mike Bugaj

### RENEWALS

[lkon@netcom.com](mailto:lkon@netcom.com)

And the renewals just keep on coming: Joe Fela, Jim Renfrew, Ken Noffsinger, Roosevelt Crawford, Mike Jeziorski, Jack Gelfand, Larry Weil, Ed Hanlon (aka Antenna Performance), Keith Smith, Kenneth Burns, Ernie Wesolowski, Mituhiru Hukanuga, Ron Wing, F.J. Issard, Kurt Nelson, Jeffrey Shultz, Roger Gravelle and Wayne Benkinney.

Let's pick a name from the list above and tell you a little about **Mituhiru Hukanuga**. Mituhiru is the president of the Japan VHF/UHF Dxers Circle. This club was founded on March 1, 1982 and at the present time has 29 members. The club's monthly dx bulletin is called Over-Horizon, and is published in Japanese. Their premier publication is called F\*V/UHF DXing 1998, and it is an annual report of all TV/FM dxing in 1997, and has a complete TV and FM frequency list for Japan. Mituhiru says plenty of dxers in Japan have purchased it. The price is 1500 yen (about \$13 US) for 160 A5 pages. It's issued every year and is the bible for TV/FM dxing in Japan.

So, what kind of Es gets into Japan? I asked Mituhiru about telling me some of their best Es catches, and here is what he wrote: American Samoa (KVZK-TV), India (Doordarshan TV), FM Es from Guam, Saipan, Brunei, Singapore, Vietnam, Mongolia, ALASKA (AFRN June 8, 1990), Kazakstan and Kirgystan. Please, get out your World Atlas or check out a globe for these great catches! I do have more from Mituhiru, and as the months go on I will have more of it here. Email: [mitu@po.yukichi.ne.jp](mailto:mitu@po.yukichi.ne.jp).

### EVERY CLUB NEEDS A CURMUDGEON

And thank God **Bruce Elving** wanted the job. Here is Dr. Elvings analysis of David Mann's antenna article in the October VUD:

"I am sure David is speaking of the benefits of installing an antenna for the home audiophile, mentioning as he does the merits of various designs and a site survey. However, for the dxer, it is best to stick an antenna up with enough height to clear the roof or the porch it may be mounted to, and see what might come in over a period of time. Later, if the dxer is so inclined, the installation can be upgraded. Even if certain sought-after stations occasionally fade out, or might appear only infrequently, the antenna installed by or for the dxer will have done its duty--in providing a bare-bones logging. It is not consistent reception of target stations that interest the dxer, but the mere fact of logging those stations that has the greatest allure.

Too, characteristics that might make a tuner good for ordinary listening might militate against such a tuner in a dxing environment. I speak first of capture ratio. I feel it better to dx with a tuner or receiver having a crummy capture ratio. That way you can tell by the ever-present "chugging" sound behind nearby stations that another station's signal is about to appear. That is one thing I miss about the old tube Zenith AM/FM table radio I used to dx with. I could hear nearby Eau Claire WJ 94.1 from Duluth, MN and notice the noise behind it which signaled that WMIX-FM 94.1 Mt. Vernon IL was trying to come in! A little patience on the frequency and the desired station would usually eventually come in over the other station for a good logging.

Another thing dxers treasure that high fidelity music listeners might scorn is ultra sharp selectivity. By replacing some of the stock filters in radios, receivers or tuners, you might damage high frequency audio response from the stations, but you could be rewarded by more selectivity, and hence the potential for logging more stations. (Continued next page)

WTFDA WEB SITE: [www.axs2knet/fda/wtfda.html](http://www.axs2knet/fda/wtfda.html)  
Internet IRC: [IRCNET\(irc.cifnet.com\)](http://ircnet(irc.cifnet.com)), Ch #wtfda, Tues/Fri 10pm EST

Mann's article makes plenty of sense for walking into the audio showroom, but for VUD readers, one has to go beyond the basic textbook approach and find out how tuners can be used to their best for the dx hobby." Bruce's email address is fmatlas@aol.com.

### DXing AND RELATIONSHIPS

Some thoughts from Eric Bueneman: "My family thinks my hobby is fine with them, but dxing does have an effect on relationships, even if the dxer started his/her hobby in high school like I did. I started dxing at age 15, and it allowed me to pass the time away on warm, summer nights, or on days when I was home from school. But, meeting someone who finds the hobby you have taken up interesting is a hard task in itself. I was involved with a woman for eight and a half years, and she found that this hobby (and the subsequent hobby I took up in 1992...ham radio) drove her crazy. Some people find it interesting (a lot of Hams come from the ranks of dxers), while others don't want anything to do with us. A person who can put up with what we do to pass the time away is a very rare one, indeed." And I say "amen" to that!

Also, Eric has thoughts on the ANARC: "Personally, I think it would be a mistake for WTFDA to leave ANARC. the Association of North American Radio Clubs not only supports the SWBC clubs, but also supports the AM, FM and TV DX clubs, too. ANARC has made every effort to include AM, FM and TV dxing in its agenda, especially at the Winter SWL Festival. An ANARC without WTFDA (or even IRCA) is inconceivable. We can do without NRC's participation in ANARC."

### MORE FREE STUFF!

An email from Eric Sundius says that he has several TV antennas to give away for free. They include a 6' dish, two VHF log periodics (Winegard and R. Shack) and several single channel cut yagis. West coasters, this is your chance, as these antennas are at Eric's father's barn in Templeton, CA, just north of San Luis Obispo. Email Eric at esundius@sixinternet.com, or write the mailbox and I will forward all letters to Eric.

### POSTAL NOTES

A couple of things, before I forget. First, be sure to write your email address legibly on your renewal card. I will try to email you a confirmation of your renewal check, but if it bounces back to me after five tries, I give up. Second, JIM AYERS mentioned that I messed up the web address for the distance finder. The correct address is [www.indo.com/cgi-bin/dist](http://www.indo.com/cgi-bin/dist). That's my fault. Third, you might like to know that I have been keeping a list of all WTFDA members who have email. As of today I have a list of 75 members who use email. I know the number is higher than that because I have omitted the addresses I couldn't read, and the addresses I could read but bounced back. This number translates back to 32% of WTFDAers with email. And this number will keep on growing. This percentage should explain the reason for the amount of internet related materials in the VUD. Now, since I have this list of email addresses compiled, I will email the list to any WTFDA member who wants it. I will not send it to any non-member or ex-member.

### EUROPEAN E2 ANTENNAS & TVS

Rick Shaftan posted a message on the qth.net email server that he had found a source in the US for antennas cut for channel E2 (Europe). Obviously Rick is thinking F2 skip! The source is Richard Hirschmann of America, Industrial Row, Riverdale, NJ 07457, and their phone is 973-835-5002. There are two models, one is \$75, the other is \$90. Another site was found on the web for multi-system VCRs and TVs...just right for F2 DX. The site is [www.sarainternational.com](http://www.sarainternational.com). These things are expensive, but if you are really into F2 DX, check it out, and don't forget to write! -Mike

-----dx-----  
The JVUDXC web site in English or Japanese: [www.yukichi.ne.jp/~mitu/index.htm](http://www.yukichi.ne.jp/~mitu/index.htm)  
Check out this site by a WTFDA member!

# FM NEWS

## NOVEMBER 1998

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TIP DEADLINE - The 10th

Many of the items listed in this column are taken from the publication:  
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479  
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<b>KEY:</b>	GA: granted amendment to table of FM allocations	PC<: a power change (decrease)
&: satellite programming	GE: station was granted extension of a CP	PG>: power change granted (increase)
AF: new freq. allocation accepted for filing for a new FM license	GX: granted replacement of expired CP	PG<: power change granted (decrease)
AFA: American Family Association	LC: filed for license to cover (for new stn.)	QC: frequency change for this station
CC: call change/new calls assigned	MC: multiple-city legal ID	QG: frequency change granted
CL: city of license change granted	NC: no change yet, on a reported pending grant/change.	RA: station returns to the air
CO: new xmtr co-ordinates	ND: non-directional	RE: station requests extension of a CP
CX: a CP has expired, and is cancelled	NO: station is not on the air	RX: station requests re-instatement of an expired CP
C1,C2, etc: change in class status	NS: a new station granted a license	SG: slogan change or update
DA: directional antenna	OSA: one-step application	SI: station is silent
DE: calls deleted, license returned to FCC	NW: new station signs on the air	XA: dismissed amendment to the table of FM allocations
FC: station format change	PA: proposed amendment to change table of allocations	XC: station changes xmtr site
	PC>: a power change (increase)	XG: station granted a transmitter (xmtr) site change



### UNITED STATES

#### ALABAMA:

Citronelle: WQUA102.1 CC (ex WHXT)  
Dora: WZJT 92.5 FC to rock (Birmingham)  
E.Brewton: WGCX 95.7 NO-RX  
Eufaula: WDMT 97.9 FC to oldies  
Georgiana: WWGA107.7 NO-GE  
Holly Pond: WXXR 95.5 PG> 6 kW  
Homewood: WEDA 97.3 CC (NS)  
Montgomery: WRWO96.1 adds Bob & Sheri  
Ozark: WAQG 91.7 LC  
Reform: WTID 101.7 FC to hot AC "Variety 101.7" (Tuscaloosa) The station "stunted" by playing the Alabama Crimson Tide fight song for several days  
Sheffield: WAKD 89.9 XG: 34-50-11 / 87-37-20 increase to 236 ft.

#### ALASKA:

Basher: K203CR88.5 NS-48w(h): KATB 88.3  
College: KUWL103.9 PC>2950w, 823 ft, C3  
XC: 64-55-21 / 147-42-55  
Dillingham: KRUP 99.1 adds Young & Elder  
Eagle: K219DM91.7 NS-155w(v): KUAC 89.9  
Fairbanks: KWLF 98.1 OSA to C1, 764',  
XG: 64-55-20 / 147-42-55  
Killen: \*NS 90.5 9 kW, 328 ft, DA  
Valdez: KVAK 93.3 6 kW, -1958 ft, CC (NS)

#### ARIZONA:

Bagdad: \*NS 103.1 3.5 kW, 1210 ft, DA  
Globe: \*NS 91.9 AF  
Page: KNAD 91.7 LC  
Phoenix: KMXP 96.9 CC (ex KGLQ)  
Show Low: KSNX 93.5 OSA to C2, 31 kW, 620'  
XG: 34-04-40 / 109-52-18

#### ARKANSAS:

Ashdown: KHSP 103.9 CC (ex KOWS)  
Gould: KAFN 102.5 NO-RE  
Greenwood: KZKZ106.3 NC to 15 kW, 397', GE  
Piggott: KBOA105.5 FC to WW1 soft AC (&  
Waldron: KRWA103.1 OSA to C2, 50 kW, 305 ft.

#### CALIFORNIA:

Alameda: KZSF 92.7 PC> 3.6 kW, 420 ft.  
FC to rock // KJSO 92.3  
Anaheim: KEZY 95.9 PG> 6 kW  
Alturas: KALT 106.5 NO-GE  
Barstow: K206CB88.9 NS-10w: KCZO  
Carlsbad: KMSX 95.7 CC (ex KMSG), FC to hot AC "Mix" (San Diego)  
Chowchilla: KSKD 93.3 CC (ex KLVN)  
Davis: KQBR104.3 FC to rhythmic oldies (Sac.)  
Fairmead: KVLV 91.1 NW, K-Love Christian (&  
Fremont: KLDZ 104.9 stunting with alternative rock oldies, new format soon (San Jose)  
Goleta: KBSC106.3 CC (ex KMGQ), FC to country  
Groveland: KXSR 91.7 PC< 3.4 kW (v), 1643 ft DA, XC: 38-03-49 / 120-14-47  
Greenfield: KSEA 107.9 NW, regional Mexican  
June Lake: \*NS 90.9 AF  
Lafayette: KDFC-1 102.1 NS-1200w(v), DA  
Livingston: KLVN 88.3 CC (ex KSKD)  
Lompoc: KAKV 106.7 PG> 3.5 kW, 879 ft.  
XG: 34-44-31 / 120-26-46, DA, LC  
Magalia: KLVC 88.3 PG> 5.7 kW  
Misson Viejo: K208DD 89.5 NS-10w: KMRO 90.3  
Mojave: KAVS 97.7 FC to CHR // KIIS 102.7



California:

Pescadero: \*NS 89.3 AF  
 Point Arena: \*NS 107.1 AF  
 Point Reyes Stn: KBJH 90.5 CC (NS)  
 Rosamond: KOSS105.5 CC (ex KAVC), FC to adult contemp. (Lancaster)  
 Roasmond: K211DN 90.1 NS-13w: KMRO 90.3  
 Running Sps: K216DZ 91.1 NS-1w: DA, KEFX 88.9  
 San Diego: KEBN106.5 calls were briefly KCAA between these and the switch from KKLQ  
 San Luis Obispo: K213CO 90.5 NS-10w(v): WPCS FL  
 San Luis Obispo: KWQH 97.1 PG< 1,150w, 1456ft, DA XG: 35-21-37 / 120-39-20  
 Santa Ana: KALI 106.3 PG> 6 kW, 302' XG: 33-45-21 / 117-51-18  
 Santa Barbara: KMGQ 97.5 CC (ex KHTY), FC to smooth jazz  
 Santa Paula: KCZN96.7 CC (ex KXBS) "Corazon"  
 Santa Ynez: KRAZ105.9 NO-RE (3rd)  
 Shafter: KCOO104.3 FC to rhythmic oldies "Mega" (Bakersfield)  
 Shasta Lake: KISK107.1 NW, a/c "Kiss" (Redding)  
 Vacaville: KUIC 95.3 XC: 38-23-43 / 122-05-56  
 Visalia: K202CW88.3 NS-10w(v): WPCS 89.5 FL  
 W.Covina: KRTO 98.3 PC< 600 w, 1004 ft. XG: 34-09-17 / 117-48-02  
 Yermo: KYHT 105.3 FC to CHR // KIIS 102.7

COLORADO:

Avon: KZYR 103.1 PG> 15 kW (cir), 440' XG: 39-38-05 / 106-26-47  
 Breckenridge: K202CV 88.3 NS-40w, DA: KUNC 91.5  
 Brush: KPRB106.3 PG> 3 kW, 266 ft. XG: 40-13-02 / 103-41-46  
 Colorado Springs: KSPZ 92.9 NC to 79 kW, 2198', GX  
 Ignacio: KUTE 90.1 LC  
 Kremmling: KRKM106.3 FC to classic country (&)  
 La Junta: KKIK 106.5 NO-RE  
 Leadville: KLOD 93.5 NW, JRN classic rock (&)  
 Pueblo: KVUU 99.9 NC to 79 kW, 2198', GX  
 Pueblo: KGFT 100.7 PG> 78 kW, 2217 ft, DA, C  
 Silverthorn: K247AK 97.3 NS-105w: KTUN 101.5  
 Strasburg: \*NS 97.7 AF  
 Vail: \*NS 88.5 AF  
 Waisenburg: \*NS 90.9 AF  
 Yuma: KBJI 100.9 CC (NS)

CONNECTICUT:

Hartford: WZMX 93.7 SG "The Point", now with classic hits of the 60s,70s, and 80s  
 Norwalk: WEFX 95.9 FC to rock  
 Southington: W220CE 91.9 NS-1w: WGRS 91.5  
 Storrs: WHUS 91.7 NC to 4.4 kW (v), RE

FLORIDA:

Beverly Hills: WGUL 105.5 CC (ex WXOF), FC to standards  
 Dade City: WGUL 96.1 FC to tropical // WBDN coming in December (will call change) (Tampa)  
 Fernandina Bch: WNLE 91.7 PC< 32 kW, 223 ft.  
 Gifford: WAVV94.7 CC (ex WBBE), FC to country "Wave" (Ft.Pierce)  
 Holiday: WLUV 97.1 FC to oldies (Tampa)  
 Homosassa Sps: WXCW 95.3 XC: 28-53-14 / 82-31-39  
 Immokalee: WGCQ 92.1 reported SI

Florida:

Key Largo: WMKL 91.7 NO-RE  
 LaCrosse: WBQE 99.5 PG 2.2 kW, 472 ft XG: 29-44-22 / 82-23-09  
 Live Oak: WLVO106.1 NW, JRN oldies (&)  
 Melbourne: WCIF 106.3 PG> 13.5 kW, 446 ft C3, XG: 28-08-15 / 80-42-11  
 Melbourne: WFIT 89.5 PG> 4.6 kW (v), 148', DA  
 Newberry: WBXY100.5 SI, CC (ex WNFO)  
 Nocatee: WZSP105.3 NW, JRN "La Buena" Regional Mexican (&)  
 Panama City: WDRK 107.9 FC to soft AC  
 Pt.Charlotte: WXRK100.1 FC to modern AC "Star 100"  
 Punta Rassa: WCCL97.7NW, to sign on in November with classical (Fort Myers)  
 Riviera Beach: WWL94.3 CC (ex WOLL) "Love 94"  
 St.Petersburg: WFJO 101.5 CC (ex WILV) "Jammin Oldies"  
 Union Park: WEAZ88.3 PG< 15 kW (cir), 1253', C1 XG: 28-36-07 / 81-05-37  
 Vero Beach: WBBE101.7CC (ex WAVW), FC to hot AC "B 101.7", XC: 27-44-07 / 80-27-27  
 Yankeetown: WBKX96.3NW, country // WXOF



GEORGIA:

Athens: WNGC 95.5 dec. to 968 ft, C1 XG: 33-55-51 / 83-47-00  
 Brunswick: WAYR 90.7 RA with gospel  
 Chatsworth: WQMT98.9 PC> 6 kW, 312', DA XC: 34-49-42 / 84-53-41  
 Dalton: W217AW91.3 NS:150w(v),DA: KSOH  
 Darien: WYNR107.7 NC to 482', GX  
 Folkston: WATY 91.3 NO-RE  
 Harlem: WCHZ 95.1 FC to rock (Augusta)  
 Macon: WPPG 92.3 CC (ex WMKS), FC to classic rock  
 Macon: WPEZ107.9 GA: to Hampton, GA (see notes)  
 McRae: WYSC102.7 FC to WW1 oldies (&)  
 Ringgold: WSGC101.9 FC to classic cntry  
 Savannah: WLSP 88.1 PG 450w, 361', DA XG: 32-04-06 / 81-05-36  
 Savannah: WHCJ 90.3 NC to 230w, DA, RX  
 Soperton: WKTM106.1 FC to religion // WLPE  
 Thomaston: WTGA 101.1 FC to JRN soft AC (&)  
 Thomson: \*NS 89.9 AF  
 Toccoa: WSTE106.1 PA: to C1 - Sugar Hill, GA  
 Valdosta: WWRQ107.9 QC from 107.7, 14 kW 315', XC: 30-50-11 / 83-17-56

HAWAII:

Honolulu: KQMQ 93.1 FC to CHR  
 Honolulu: KMKP105.9 NO-GE

IDAHO:

Hayden: KHTQ 94.5 PG< 83 kW, 2181', DA  
 Island Park: KEZQ102.9 NS, 4 kW, 833 ft. (this replaces 106.5 allocation) CC (NS)  
 Kuna: \*NS 88.1 AF  
 Lewiston: KVTY 105.1 NW, classic hits  
 Pocatello: \*NS 90.1 AF

ILLINOIS:

Alton: KATZ 100.3 adds Joyner  
 Beaverville: \*\*\* 106.5 PA: add class A  
 Carbondale: WCIL101.5 GA: class B to C1  
 Carlinville: WTSG 90.1 PG> 5 kW  
 Cedarville: \*\*\* 99.5 GA: add class A  
 Coal City: WBVS100.7 PG> 2,450 watts  
 Dwight: WLDC 98.9 PC< 1.3 kW, 489 ft. XG: 41-02-06 / 88-26-10  
 Freeport: \*\*\* 106.9 GA: add class A  
 Princeton: \*NS 88.3 AF  
 Rochelle: W204BD88.7 NS-WPCS 89.5 FL  
 St.Joseph: WGNJ 89.3 NO-RE (5th)  
 Sterling: WNIQ 91.5 NO-RE  
 Waukegan: WXLC102.3 FC to hot AC (Chicago)

WVKK 90.7FM  
 Galesburg



INDIANA:

Alexandria: WAXT 96.7 PC> 2.5 kW, 351 ft.  
 Brookston: WLFF 95.3 CC (ex WEZV), FC to Radio one - country (& (Lafayette)  
 Columbus: \*NS 91.1 AF  
 Greensburg: WAUZ89.1 NW, cont. Christian  
 Kendallville: W209BA 89.7 NS-10w: WLAB 88.3  
 Madison: WORX 96.7 NC to 1050w, 551', GX  
 Mitchell: \*NS 88.1 1 kW (v), 400 ft.  
 Newburgh: WDKS106.1 adds Bob & Sheri (Evansville)  
 Plymouth: \*NS 89.3 AF

IOWA:

Asbury: KIKR 103.3 FC to JRN oldies (&)  
 Bettendorf: KORB 93.5 increase to 318 ft. XG: 41-36-14 / 90-24-43  
 Brooklyn: KSKB 99.1 PG< 43 kW, 525 ft. XG: 41-41-22 / 92-21-33  
 Cedar Falls: KUNI 90.9 dec. to 1709 ft. XG: 42-18-59 / 91-50-45  
 Clinton: KZEG 94.7 QC from 97.7  
 Emmetsburg: KEMB 100.1PC< 3.9 kW, 410 ft XG: 43-07-24 / 94-51-29  
 Estherville: KILR 95.9 CX CP for 6 kW  
 Keokuk: KBJK 90.9 CC (NS)  
 Maquoketa: KMAQ 95.3 NC to 95.1, 6 kW, GE  
 Osage: KWMM103.7 FC to adult stds (&)  
 Spencer: KICD 107.7 dec. to 285 ft. XG: 43-09-57 / 95-08-46  
 Spirit Lake: K210CG89.9 NS-185w: WNCB 91.1  
 Waukon: KNEI 103.5 CX CP for 6 kW (the station is already at 9.3 kW)

KANSAS:

Bronson: KBJQ 88.3 1 kW, 410 ft., CC (NS)  
 Columbus: KJML 105.3 FC to modern rock (&)  
 Ingalls: KBIE 105.9 OSA to C1, 100 kW, 666 ft.  
 Manhattan: \*NS 88.7 AF (BBN)

KENTUCKY:

Burnside: WWZB 93.9 CC (ex WJDJ), FC to a/c "B 93.9"  
 Campton: WCBJ103.7 CC (NS)  
 Harrodsburg: WHBN99.3 FC to religion // WJMM-FM PC> 7 kW, 617 ft, DA, C3, XC: 37-47-18 / 84-40-49  
 Louisville: WFPL 89.3 NC to 21 kW, 774', GE  
 Mt.Sterling: WAXG 88.1 LC  
 Princeton: \*\*\* 101.3 XA: for class A  
 Springfield: WAKY102.7 adds ABC country (&)  
 Sturgis: \*\*\* 101.3 GA: add class A  
 Valley Stn: WRVI 105.9 PG< 1.9 kW, 413' XG: 38-08-13 / 85-56-06

LOUISIANA:

Alexandria: KAPM 91.7 inc. to 279 ft.  
 Ball: KBFU 105.5 LC  
 Basile: KQIS 102.1 NC to 76 kW, 1105', C1, RE  
 Haynesville: KWHN105.5 SI  
 Lake Arthur: KRAW107.5 LC  
 Lake Charles: KBIU103.7FC to hot AC "B104"  
 Morgan City: KFXU96.7 OSA to C3, 12 kW, 476 ft XG: 29-41-39 / 90-59-58  
 New Iberia: KTBT93.7 stunting with all Christmas music, new format soon  
 Springhill: KTKC 92.7 NC to 92.9 - C2, 40 kW, GE

MAINE:

Southwest Harbor: W218BD 91.5 NS-38w: KAWZ-ID  
 Thomaston: WBQX 106.9 CC (ex WAVX) "W-Bach"

MARYLAND:

Bethesda: WMMJ102.3 ND, XG: 38-56-10 / 77-05-33

MASSACHUSETTS:

Boston: WUMB 91.9 FC to folk & world music (blues, gospel, reggae, and world music) (also affects WBPR 91.9 & WFPB 91.9)  
 Falmouth: WFPB 91.9 PC> 6 kW (v), 300w(h) 223', DA, XG: 41-36-50 / 70-35-36  
 Fairhaven: WFHN107.1 FC to CHR (new bedford)  
 Harwichport: WYST93.5 adds Bob & Sheri  
 Lowell: WKLB 99.5 PC< 26 kW, 666 ft.  
 Marshfield: WATD 95.9 NC to 1450w, 469', GX  
 Webster: WORC 98.9 PA: to Spencer, MA

MICHIGAN:

Howell: WHMI 93.5 PC> 5.2 kW, XC: 42-39-47 / 83-56-23  
 Oscoda: WCMB 95.7 LC  
 Pentwater: WMOM 103.1 NO-RE  
 Stephenson: WZRK106.3 NO-GE  
 Traverse City: WLDR 101.9 adds Delilah

MINNESOTA:

Albany: KDDG105.5 FC to Radio 1 hot AC (&)  
 Bemidji: KBHP101.1 XC: 47-22-12 / 94-52-54  
 Grand Marais: WTIP90.7 LC  
 Olivia: KOLV100.1 OSA to C2, 50 kW, 446' XG: 44-58-14 / 95-15-59  
 Park Rapids: KXXX92.5 LC  
 St.Louis Park: KMJZ 104.1 FC to modern AC SG "The Point" (Minneapolis)

MISSISSIPPI:

Bahalia: WYLT 94.9 NC to 3.6 kW, 423', GE  
 Carthage: WSSI 98.3 NC to 20 kW, 328', GE  
 Duck Hill: WAUM 91.9 LC  
 Gulfport: WXYK107.1 SG "107-1 The Monkey"  
 FC to dance-top 40  
 Houston: WJZB 88.7 NO-RE  
 Jackson: WKXS 96.3 CC (ex WJDX), FC to  
 country, "Kix"  
 Kosciusko: WQJQ105.1 CC (ex WJDX), FC to  
 R&B oldies (Jackson), "Q-105"  
 Liberty: WAZA107.7 NW, ABC hot AC (&)  
 Lumberton: WLNK95.3 FC to CHR (Biloxi)  
 McComb: WAQL 90.5 NO-RE (2nd)  
 McLain: WXAB 96.9 NW, Americana // WIGG  
 Moss Point: WDWG 104.9 CC (ex WYOK)  
 "The Dog" (Mobile, Ala.)  
 Newton: WMYQ97.9 FC to oldies (&) (Meridian)  
 Richton: WXHB 96.5 FC to talk, sports, and  
 standards (Hattiesburg)

MISSOURI:

Arcadia: \*\*\* 97.3 GA: add class A  
 Cabool: \*NS 89.9 AF (AFA)  
 Cassville: KOMC100.1 NC to 36 kW, 577', RE  
 Clayton: KWUR 90.3 dec. to 95 feet  
 XG: 38-38-55 / 90-18-28  
 Columbia: KCMQ 96.7 FC to classic rock  
 Dillon: K219DN91.7 NS-250w: KUFM 89.1  
 Ellington: KAUL 103.9 GA: to 106.7 - A  
 Florissant: KXOK 97.1 FC to classic rock (St.Louis)  
 Hannibal: KGRC 92.9 adds Bob & Sheri  
 Kennett: \*NS 88.9 AF  
 Lamar: KHST 101.7 FC RA with classic rock "Star"  
 (&) (Joplin)  
 LaMonte: KPOW 97.1 CC (ex KBFP), NW,  
 classic rock, "Power 97"  
 Linn: \*\*\* 103.1 PA: add class A  
 Macon: KIRK 99.9 LC  
 Poplar Bluff: \*NS 88.7 AF  
 Scott City: KGKS 93.9 LC  
 Shell Knob: KQMO 97.7 CC (ex KBIP)  
 Stockton: KRLK 107.7 CC (NS)  
 Sunrise Bch: KCRL90.3 LC  
 Wheeling: KULH 105.9 NO-RE

MONTANA:

Billings: \*NS 90.7 AF (AFA)  
 Billings: KCMT 96.3 CC (NS)  
 Columbia Falls: KKMT 95.9 PC> 56 kW, 2286', C  
 XC: 48-30-42 / 114-22-16  
 Hamilton: KUFN 91.9 PG<92 watts, 426 ft.  
 Helena: KUHM 91.7 NO-GE  
 Kalispell: KUKL 89.9 NO-GE  
 Kalispell: KDBR106.3 PC> 60 kW, 2365 ft, DA  
 class C, XC: 48-30-42 / 114-22-16  
 Missoula: \*\*\* 105.9 GA: add class A  
 Shelby: KBJF 97.9 CC (NS)

NEBRASKA:

Grand Is: K209CX88.7 NS-25w(v): WPCS FL  
 McCook: KSWN 93.9 NO-RE  
 Wayne: KTCB104.9 PC> 25 kW, 302 ft, C3  
 XC: 42-14-04 / 97-03-21



NEVADA:

Boulder City: KSTJ105.5 CC (ex KOOL), FC to  
 hot AC "Star 105.5" (Las Vegas)  
 Las Vegas: KQOL 93.1 CC (ex KBGO)  
 "Cool 93.1"  
 Reno: KRNG-1 101.3NS-120w, DA  
**NEW HAMPSHIRE:**  
 Manchester: WRND91.7 RA with info &classical  
 // WEVO 89.1

NEW JERSEY:

Manahawkin: WNJM89.9 NO-RE  
 Tuckerton: WBHX 99.7 NO-GE

NEW MEXICO:

Angel Fire: KKIT 99.1 CC (ex KAFR)  
 Cloudcroft: \*NS 97.9 100 kW, 784 ft.  
 Clovis: KKYC102.3 CC (ex KWUA)  
 Grants: KQLV 105.5 PA: to C1 - Peralta, NM  
 Hobbs: KLMA 96.5 PC> 6 kW  
 Jal: KXJW103.7 NW, JRN "La Buena" (&)  
 Jal: KPZA 107.1 CC (ex KXJW)  
 Kirtland: KAZX 102.9 dec. to 1004 ft  
 XG: 36-48-53 / 107-53-54  
 Lordsburg: \*NS 105.7 6.3 kW, 128 ft.  
 Los Alamos: KEFE107.5NO-GE, PG> 100 kW  
 646', XG: 36-05-21 / 106-01-41  
 Santa Fe: KZXA 94.7 dec. to 787'  
 XG: 36-05-21 / 106-01-41

NEW YORK:

Alfred: WZKZ101.9 NO-GX  
 Bath: WCIK 103.1 CX CP for non-commercial  
 Boonville: WBRV101.3 adds CD Country (&)  
 Chauteaugay: WYUL94.7 NW, JRN a/c // WYSX (&)  
 Fredonia: WCQA 96.5 SG "The Bull"  
 Hampton Bays: WVVY 107.1 PC> 6 kW, DA,  
 XC: 40-52-10 / 72-34-37  
 L.Ronkonkoma: WSHR 91.9 NC to 6 kW, 177', RE  
 Lowville: WLLG 99.3 adds CD Country // WBRV  
 Monticello: WSUL 98.3 NC to 2.2 kW, DA, RE  
 Peekskill: WHUD100.7 adds Delilah nights  
 Port Jarvis: WTSX 96.7 FC to oldies "The Fox"  
 Remsen: \*NS 90.3 AF  
 Wellsville: WJQZ103.5 FC to oldies (&)

NORTH CAROLINA:

Bayboro: WBHU 97.9 CC (NS)  
 Charlotte: WNKS 95.1 XG: 35-21-44 / 81-09-20  
 Cullowhee: WWCU90.5 PG> 760w, -771 ft.  
 Fayetteville: WQSM98.1 adds Bob & Sheri  
 Harrisburg: W201CA88.1 NS-10w: WOGR 93.3  
 Harrisburg: W217AX88.1 NS-10w: WPIR 88.1  
 Hatteras: WYND 97.1 PC> 48 kW, 558', C1  
 XC: 35-27-48 / 76-02-07  
 Havelock: WANG105.1 XC: 34-45-07 / 76-52-57  
 Roanoke Rapids: \*NS91.1 2 kW, 69 ft.  
 Semora: WPXX106.7 FC to oldies (&)  
 Tabor City: WYNA104.9 PC> 25 kW, 298', DA  
 C3, XC: 33-49-19 / 78-46-18, CL: Calabash, NC  
 Warrenton: WXNC107.3 NO-GE

NORTH DAKOTA:

Cavalier: KAOC105.1 SG "Can-Am Country 105.1"  
 with farm info for S. Manitoba as well as N.D.  
 Walhalla: KAUJ 106.7 ID with Sinkler, Grafton,  
 Cavalier, also serving both sides of the border

OHIO:

Berea: WBWC88.3 NC to 4 kW, 256', GE  
 Carrollton: W215AX90.9 NS-55w: WCRF 103.3  
 Cleveland: WMMS100.7 new format coming Nov. 1st  
 Eden: \*NS 88.7 AF  
 Lima: WUZZ 104.9 CC (ex WAJC)  
 London: WCZZ106.3 CC (ex WMXG) "Jazzy 106"  
 Marysville: WZAZ105.7 CC (ex WKFX),  
 "Channel Z" (Columbus)  
 Milford: WKFS107.1 CC (ex WAQZ)  
 "Kiss 107.1" (Cincinnati)  
 Oak Harbor: WJZE97.3 FC to rock // WBUZ 106.5  
 Oberlin: WBOC 91.5 PG> 900 w., 128 ft.  
 XG: 41-17-38 / 82-13-20  
 Ripley: WAOL 99.5 PC< 11.5 kW 318', ND  
 Upper Arlington: WXMG 98.9 CC (ex WZAZ), "Magic"  
 Washington Court House: WCHO 105.5 PC> 6 kW  
 328', XC: 39-24-01 / 82-26-48  
 Westerville: WAXV103.9 LC, XG: 40-09-33 / 82-55-23

OKLAHOMA:

Cordell: KCDL 99.3 adds Real Country (&)  
 Grove: KGVF 99.3 PC> 15 kW, 312', C3  
 Oklahoma City: KTST 101.9 dec. to 1220 ft.  
 XG: 35-35-52 / 97-29-22  
 Oklahoma City: KJYO 102.7 inc. to 1220 ft.  
 XG: 35-35-52 / 97-29-22  
 Oklahoma City: KYLV 88.9 FC to K-Love  
 C.Christian (&)  
 Snyder: \*NS 100.3 NO-RX  
 Stillwater: KVRO 98.1 CC (ex KXPX),  
 FC to oldies (&)  
 Stillwater: KGFY105.5 PC> 4.9 kW  
 Sulphur: KIXO 100.9 CC (ex KFXT)  
 Sulphur: KFXT 90.7 CC (NS)



OREGON:

Bonanza: KAQX102.9 OSA to C3, 460w, 2106', DA'  
 Condon: \*\*\* 93.5 PA: add class A  
 Corvallis: KFLY 101.5 OSA to C1, 7.4 kW (cir)  
 1099', XG: 44-38-24 / 123-16-25  
 Depoe Bay: KDEP105.5 NO-RE (2nd)  
 Gold Beach: K201EQ 88.1NS-10w: KAWZ 89.9 ID  
 Milton-Freewater: KLRF 88.5 inc. to 607',  
 XG: 45-47-13 / 118-15-42  
 Seaside: KULU102.3 NW, soft AC

PENNSYLVANIA:

Carbondale: \*NS 90.9 AF  
 Freeland: WILP 103.1 CC (ex WWFH),  
 "WILK Network"  
 Harrisburg: WWWL 99.3 NC to 1350w, 679', RE  
 Indiana: WQMU92.5 QC from 103.1

Pennsylvania:

Mifflin: \*NS 88.5 AF  
 Patton: \*NS 91.1 AF  
 Philadelphia: WIOQ102.1 PC> 32 kW, 564 ft.  
 Philadelphia: WUSL98.9 PC> 27 kW, 669 ft.  
 Pittston: WILK 102.3 CC (ex WWSH),  
 "WILK Network"  
 Punxsutawney: WPXZ 104.1 QC from 105.5  
 State College: WBHV 103.1 FC to hot AC "Beaver 103"  
 PC< 370w, 1305', XC: 40-45-09 / 77-45-15

SOUTH CAROLINA:

Cayce: WLTY 96.7 CC (ex WHKZ) "Lite Rock"  
 Greenwood: WZSN103.5 CC (ex WMTY), FC to  
 soft AC

N. Myrtle Beach: WNMB 105.9 adds Bob & Sheri

SOUTH DAKOTA:

Canton: KYBB 102.7 inc. to 485 feet  
 XG: 43-28-48 / 96-41-05  
 Clear Lake: KBGV107.1 PG 9.8 kW, 531 ft.  
 XG: 44-36-44 / 96-40-41  
 Sioux Falls: \*NS 90.1 AF  
 Yankton: KCLH 104.1 CC (ex KMXH), FC  
 to classic hits (Sioux City)

TENNESSEE:

Collinwood: WMSR 94.9 FC to hot AC "Star 94"  
 PC> 7.7 kW, 594, DA XC: 35-01-46 / 87-47-07, CL  
 from Waynesboro, CC (ex WFRQ)  
 Crossville: WOWF102.5 adds Young & Elder  
 Elizabethtown: WAEZ 99.3 PC< 3.6 kW, 810 ft.  
 Jamestown: WCLC105.1 CX CP for 2850w, XC  
 PG> 6 kW, 328 ft, XG: 36-18-45 / 84-56-13  
 Martin: WCMT101.7 XA for 101.3 - C3  
 Maynardville: WASJ88.3NO-GE  
 Memphis: WYPL 89.3 NC to 100kW, 1302', RE (2nd)  
 Middleton: \*NS 100.7 25 kW, 328 ft.  
 Oak Ridge: WNFZ 94.3 adds Mancow  
 Oliver Sp: WXVO 98.7 NC to 8 kW, 571', C3, GX  
 Sewanee: WUTS 91.3 NC to 656', class A, XC, GX  
 QC from 91.5  
 Shelbyville: \*NS 88.3 250w, 46 ft (AFA)  
 S.Pittsburg: WKXJ 97.3 FC to CHR (Chatt.)  
 Union City: W218BE 91.5 NS-10w(v),  
 DA: WAYM 88.7

TEXAS:

Abilene: KFQX 106.3 CC (ex KHXS), FC to  
 adult contemp.  
 Bastrop: KYCM 88.5 PG> 5 kW (v)  
 Big Spring: \*NS 89.3 AF  
 Breckenridge: KLXK93.5 CX CP for 50 kW, 446'  
 Brenham: KULF 94.1 PC> 25 kW, C1  
 Brownfield: KLKZ 104.3 FC to dance/CHR "Kiss 104.3"  
 Brownsville: KBNR 88.3 NC to 5.5 kW, RE  
 Bushland: \*NS 91.5 AF  
 Canyon: KWTS 91.1 PC> 6 kW, 151 ft.  
 XC: 34-59-22 / 101-54-45  
 Caldwell: KLTR 95.1 NO-RE  
 Center: KDET 102.3 PG> 6 kW  
 Cleveland: KCTL 97.1 FC to modern // KTBZ 107.5  
 College Stn: KTSR92.1 NC to 95.1 - C2, 50 kW, RE  
 Eastland: KVMX 95.1 GA: to C3 - Baird, TX  
 Farmersville: KXEZ92.1 LC  
 Flower Mound: KNKI96.7 RA with oldies (Dallas)  
 PC> 92 kW, 2034', C, XC: 33-26-13 / 97-29-05

**Texas:**

Gainesville: KECS107.9 NO-RE  
 Hereford: KHFD103.5 NO-RE  
 Huntsville: KUST 99.7 CC (ex KCEY)  
 Ingleside: KCCG107.3 OSA to C3, 14 kW, 446' XG: 27-52-00 / 97-13-08  
 Ingram: KTXI 90.1 LC  
 Jacksonville: KLJT102.3 PG> 6 kW  
 Junction: KOOK 93.5 FC to oldies in November CC (ex KAH0)  
 Killeen: KAJZ 93.3 FC to country 'Lonestar 93' (Austin), PA: to Cedar Park, TX  
 Lubbock: KONE101.1 inc. to 882 ft. XG: 33-26-31 / 101-52-40  
 Merkel: KHXS102.7 CC (ex KFQX) FC to classic rock (Abliene)  
 Midland: KBAT 93.3 FC to dance/CHR "B93"  
 Midland: \*NS 90.9 AF (AFA)  
 Monahans: KFZX 102.1 CC (ex KCDQ), FC to rock, adds Bob & Tom (Midland), heard stunting with LBJ speeches during Labor Day weekend  
 Muleshoe: KMUL103.1 CC (ex KKYC)  
 Navasota: KMBV 92.5 FC, now 70's through 90s adult cont. (Led Zeppelin to Jade "The Music Wave")  
 New Boston: KOZL105.1 CC (NS)  
 New Ulm: KMIA 92.3 NO-RE  
 Refugio: \*\*\* 100.5 PA: add class A  
 Rockport: KBTE 102.3 inc. to 446 ft. XG: 27-52-00 / 97-13-08  
 Round Rock: KFMK105.9 adds Bob & Tom (Austin)  
 San Angelo: \*NS 89.3 AF  
 San Antonio: KXXM96.1 CC (ex KSJL) "Mix 96.1"  
 Sanger: \*NS 89.7 14 kW, 1699 ft.  
 Stamford: KOES106.9 PG to 40 kW, 548 ft XG: 32-56-16 / 99-57-20  
 Sterling City: KKC96.5 LC



**UTAH:**

Ephraim: KAGJ 89.5 SI,NO-CX-DE, station claims they will be back on soon  
 Logan: \*NS 90.5 AF  
 Pleasant Grove: K213CP 90.5 NS-10w: KLOV-FM  
 Richfield: KSGI 97.5 CC (ex KRFD)  
 Salt Lake: K213CQ90.5 NS-4w: KAWZ-ID

**VERMONT:**

Middlebury: WRMC91.1 NC to 1.3 kW, 249', GX, PG>2.9 kW, -30', XG: 44-00-25 / 73-10-40

**VIRGINIA:**

Blackstone: WBBC 93.5 adds Young & Elder  
 Charles City: WAUQ89.7 XG: 37-25-28 / 77-11-38  
 Chester: WDYL101.1 QC from 105.7  
 Christiansburg: WBZV 100.7 FC to modern "The Buzz" CC (ex WBNK)  
 Clifton Forge: WXCF 103.9 FC to CD Country (&)  
 Deltaville: WSRV 92.3 PG to 2.6 kW, 525 ft. XG: 32-29-37 / 76-26-30

**Virginia:**

Front Royal: WFQX99.3 FC to modern (&)  
 Richmond: WJRV105.7 CC (ex WSMJ), FC to country "The River", QC from 101.1 PC> 2.3 kW, 531'  
 Richmond: WRCL106.5 CC (ex WBZU) "Cool 106.5"  
 Rural Retreat: WXBX 95.3 FC to WW1 oldies (&)  
 Spotsylvania: \*NS 89.5 AF  
**WASHINGTON:**  
 Ephrata: KULE 92.3 QC from 95.9, PC> 26 kW 672 ft, XC: 47-18-18 / 119-35-53  
 Pasco: KEYW 98.3 NC to 1214', C2, XC, GE  
 Spokane: KNJY 103.9 inc. to 1417', C2 XG: 47-36-04 / 117-17-53  
 Yakima: KYPL 91.1 NO-RE  
**WEST VIRGINIA:**  
 Charleston: WVAF 99.9 FC to CHR  
 Elkins: \*NS 91.9 275w, 1118 ft, (AFA)  
 Salem: WAJR103.3 PG to 920w, 833ft XG: 39-15-44 / 80-28-01

Westover: WMQC100.9 FC to JRN a/c (&)

**WISCONSIN:**

Balsam Lake: WWLC 104.9 reported SI  
 Berlin: WBJZ102.3 CC (ex WISS)  
 Brillion: WEZR107.5 NC to 5 kW, 751 ft, RX  
 Fond du Lac: \*NS 91.3 AF  
 Kiel: \*NS 91.3 AF  
 Madison: WSUM91.7 NO-RE (2nd)  
 Mayville: WMDC98.7 NW, oldies "Great 98"  
 Menomonie: WHWC 88.3 PC< 71 kW, 1050 ft, DA C1, XC: 45-02-49 / 91-51-47  
 Neillsville: WCCN107.5 inc. to 577 ft. XG: 44-35-30 / 90-37-09  
 Plymouth: \*NS 91.3 AF  
 Portage: WBKY 95.9 NO-RX  
 Seymour: WECB104.3 NW, 70's oldies  
 Superior: KRBR102.5 FC to rock (Duluth)  
 Wisconsin Rapids: WGLX 103.3 PC> 100 kW, 331 ft.

**WYOMING:**

Casper: KRRR102.5 LC  
 Cody: \*\*\* 102.5 PA: add class C3  
 Green River: KFRZ92.1 LC  
 Kemmerer: KAOX107.3 NO-RE (2nd)  
 Laramie: \*NS 98.7 440w, 1181 ft.  
 Laramie: \*NS 96.7 235w, -200 ft.  
 Laramie: \*\*\* 96.7 GA: to 98.7 - A  
 Midwest: KRVK107.9 OSA to 107.7 - C, 100 kW, 1948', XG: 42-44-37 / 106-18-26  
 Red Rock: \*\*\* 95.9 GA: add class A

**U.S. TERRITORIES:**

**PUERTO RICO:**

Hormigueros: WRRH106.1 NO-GE, PG< 400w 1893', XG: 18-08-33 / 66-58-56  
 San Juan: WIOA 99.9 PC< 31 kW, 1837' XG: 18-16-44 / 65-51-13

**MORE FM NEWS FROM CANADA FOLLOWS ON THE NEXT PAGE!**



**CANADA**

**ALBERTA:**

Ft. McMurray: CJOK93.3 QC from 1230, now 10.7 kW High Level: \*NS 102.1 8.765 kW, // CKYL-AM but with 25 hrs/wk of local programming  
 LaCrete: CKYL 92.1 NO-CX-DE, to be replace by 102.1 High Level

**BRITISH COLUMBIA:**

Courtenay: CFPC 1440 QG to 98.9, 2685w Cranbrook: app for campus station DENIED  
 Metchosin-Sooke: CBCV-1 99.5 NW, CBC-1 // CBCV  
 Victoria: CBCV 90.5 NW, CBC-1 variety (see notes for more information)

**MANITOBA:**

Steinback: CILT 96.7 NW, adult contemporary "Lite 96.7" (Winnipeg)  
 Winnipeg: \*NS 95.9 450w, community radio

**NEW BRUNSWICK:**

Moncton: CFQM103.9 FC to AC "Magic 104" (also affects CFQM-1 99.9 PQ)

**NEWFOUNDLAND:**

Deer Lake: CKXX-195.1 NO-CX-DE  
 Mt. Pearl: \*NS 92.3 50w TIS station granted which also may originate programming  
 Stephenville: \*NS 95.3 to be // CKXX-FM

**NORTHWEST TERRITORIES:**

Iqaluit: \*NS 93.3 42w, to be Environment Canada (English) weather station

**ONTARIO:**

Cornwall: CFLG 104.5 wants PG<30 kW  
 Iroquois Falls: \*NS104.9 50 w, to be rock  
 London: CBCL 93.5 still Radio 1 CBC, but originating own programs (2.5 hours a week)  
 Penetanguishene: CFRH 101.9 wants 88.1, 4493w This would delete CFRH-1 Midland, CFRH-2 Perkinsfield, CFRH-3 Lafontaine  
 Peterborough: CBCP93.5 wants 98.7, 10,170 w.  
 Simcoe: CHCD106.7 PG> 3420 w (station is already at that power)  
 S. Baymouth: \*NS 89.9 0.08 watts, ferry info stn  
 Thunder Bay: \*NS 95.1 50 w., to be religious  
 Tobermory: \*NS 89.9 0.08 watts, ferry info

**QUÉBEC:**

Québec: CKIA 96.1 wants 94.3, 350 w.  
 Paspebiac: \*NS 106.1 34w, // CIEU-FM  
 Sainte-Foy: CHVZ 97.1 wants PG> 239w, XG  
 Saint-Remi: \*NS 88.9 1 watt  
 St-Georges-de-Beauce: CKRB 1460 QG to 103.3 2,175 watts  
 Ste-Marie-de-Beauce: CJVL 1360 QG to 101.3 - 4,677w  
 Theftford Mines: CKLD 1330 QG to 105.5 - 3 kW  
 Victoriaville: CFDA1380 QG to 101.9 - 1,350w.

**SASKATCHEWAN:**

Big River 1st Nation Reserve: \*NS 95.7 38w wanted // CJLR-FM La Ronge

**PIRATE WATCH:**

• **DETROIT, MICH:** An article in the *Detroit Free Press* on October 9th mentions several pirate stations in the area being shut down, including one reported to this column by Doug Smith earlier this summer. Scott Barnett, who sent the article via e-mail, also saw the story reported on WDIV Channel 4. The Free Press keeps articles on their web page. The article is at <http://www.freep.com/news/metro/gradio9.htm> although Scott mentions that the paper does not keep articles on-line for very long. The article, by Tim Doran, notes that "La Maquina Musicales FM", on 95.9, was shut down by the FCC. It was being run by Rafael Barrios from a second-floor apartment at W. Vernor & Hubbard. The article mentions that the FCC has shut down 40 stations forcefully, and gotten 280 others to shut down voluntarily, within the past thirteen months. The article quotes Patrick Edwards, lawyer for Reverend Rick Strawcutter (who runs his own station, "Radio Free Lewanee" in Adrian, Mich. - no frequency mentioned) as saying there are about five or six stations in Detroit, and 15 to 20 state-wide. This is the second station shut down in the city recently, as in May the FCC closed down "La Gigante-Caribe FM" 106.3, on Michigan Avenue in Detroit. Kevin Ernst, lawyer for Barrios, said "It seems a little more than coincidence that it's the second Hispanic station that's been raided." FCC spokesman Dave Fiske responded with "Often times, the content of an unlicensed operation is simply not known to us", and denied that the FCC picks on one type of station. Myra Zamora, also involved with La Maquina, said the station, which got out about 10 miles, was becoming an outlet for news in Detroit's "Mexican Town" community, broadcasting obituaries, community meeting summaries, and was planning warnings and hoping to help prevent Detroit's traditional "Devil's Night" violence. She says the station was seeking a legitimate license, and offered to shut down until such time, but they used tactics such as kicking the door down with guns drawn, according to her attorney. The article also quotes Lonnie Korbres, who you will remember was one of the pirates shut down in the Tampa area earlier this year, as saying there are 1,000 such broadcasters in the U.S. today.  
 • **MEMPHIS, TENN:** "Radio Free Memphis", on 94.7, was shut down by the FCC on September 23rd, after several warnings.  
 • If you saw early press announcing Howard Stern's arrival in Denver (on KKHK 99.5), that event will not occur. After Tribune brought him to their classic rock affiliate in Denver, they reversed their decision after a flood of complaints. David Juris, GM of "The Hawk" announced this decision over the air recently.  
 • **TORONTO, ONTARIO:** Saul Chernos' has noted a station on 106.3, on the eastern fringe of the

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downtown core of that city. Music is a loop of about 10 songs, with 70s to 90s music, without announcements. At King & Parliament Streets, Saul noted a strong stereo signal.

• M Street mentions a report by *Lucent Technologies* claiming to have figured out to actually use multi-path distortion as an advantage. Lucent claims its "BLAST" technology can use multi-path to boost capacity by 10 to 20 times. This idea works only on digital radio, of course. The technology only would work with fixed-location receivers, however, not in cars. There is more information at <http://www.bell-labs.com>

• With the debut of CBCV 90.5 Victoria (CBC Radio One), the following stations have dropped CBU 690 Vancouver to relay CBCV:

- Alert Bay: *CBRY 105.1*
- Campbell River: *CBYT 104.5*
- Port Alberni: *CBTQ 98.1*
- Port Hardy: *CBUY 95.5*
- Tofino: *CBXZ 91.5*
- Woss Camp: *CBTW 92.7*

• More DAB applications for Vancouver. There would be two transmitters for each frequency, on Mt. Seymour, and on Mt. Burnaby. Seymour will have 5,046 watts, with 2,774 watts at Mt. Burnaby....

*CBU 690, CBU 105.7, CBUF 97.7: 1454.56 Mhz CFUN1410, CHQM103.5, CFSR-1104.9: 1458.048 Mhz*

• Note the change in the **GEORGIA** section above with **WPEZ 107.9** Macon granted a move to Hampton, GA. This puts the station quite a bit closer to the lucrative Atlanta market. **WPEZ's** owner, **US Broadcasting**, still would have to apply for a CP for the new station in Hampton before a move could be finalized.



• Hurricane Georges reportedly knocked down 20 radio towers in Puerto Rico, at least 1 in Virgin Islands, and caused problems with many Gulf Coast stations.

• USA Digital has filed a petition to the FCC on behalf of its **IBOC Digital Audio Broadcasting** system, which would use the current spectrum, to "transmit existing AM and FM analog simultaneously with new high-quality digital signals." This would appear to place them above rivals **Lucent** and **DRE** in the fight to produce digital radio technology in the U.S.

• The National Association of Broadcasters (NAB) had voted to oppose the FCC's new program of "negotiated interference", where two FM stations can work out their own contour interference plans (up to four stations can be involved), and just file them for the FCC. NAB claims that the FCC is "surrendering its management of the spectrum, and threatening the integrity of the FM band."

• Doug Smith mentions finding some interesting stuff on the **WRLT-FM** website (100.1 Franklin-Nashville, Tenn.) regarding FM reception and antennas. The information is found at <http://www.wrlt.com/fmbasics.com>

• More from Doug .. He was recently watching a travelogue program on PBS which featured a visit to **ZJB** in **Monserrat** (which is broadcasting volcano reports). Doug noted two FM frequencies on the outside of the building: **92.3 & 95.5**. So if you are lucky enough to have skip down that way, check out those frequencies if you can!

• **Pete Taylor** notes the "Calvary Satellite Network" coming to his **Puget Sound** area, in the form of **K201BM 88.1** Aberdeen, and **K205DB 88.9** Bremerton. **Pete** noted a list of translators read by the station, but later found the complete list on the web, at [www.calvarychapel.com/csn/allstate.htm](http://www.calvarychapel.com/csn/allstate.htm) The list he heard off air seems to only include Western stations, since some Eastern translators I am familiar with (such as **88.1** here in **Buffalo**) are not listed. His list also does not include "real" stations such as **KAEH 100.9** **Beaumont, CA** and **AM 1060** in the **Boston** area. In case you are not aware, the primary for this network is **KAWZ 89.9** in **Twin Falls, Idaho**, which is owned by **Calvary Chapel of Twin Falls**. (The group also manages **KEFX 88.9** **Twin Falls** for the **Calvary Chapel of Costa Mesa**). You have probably noticed all the translators being granted for **KAWZ** all over the country! Thanks for the update, **Pete!**

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

- \*: Non-commercial station
- nc: No Change
- +/-: Channel offsets (plus, minus, zero, and none)
- ^: Digital TV station

**KFOR-TV 4 2 1/2**

**APPLICATIONS FOR NEW STATIONS**

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
BC	17	0.1		McBride	(TSN)	53-16-55	120-14-03
FL	28^	200	259	High Springs	WGFL [53]	29-37-46	82-34-25
MS	*20^	1552	4	Jackson	WMPN [29]	32-20-17	90-08-44
OK	27^	352	489	Okla. City	KFOR [4]	35-35-52	97-29-22
SA	40	0.064		Debden	(TSN)		
SA	46	0.064		Debden	(Discovery)		
WI	*20^	50	453	Madison	WHA [21]	43-03-21	89-32-06

The technical facilities for **WMPN-DT** in Mississippi are almost certainly a typo. **1552KW** is more than is authorized to DTV stations moving from VHF channels - and far more than allowed for one moving from another UHF channel. And I can't imagine being able to meet **OSHA** safety requirements with this much power from a tower only 12 feet tall! 4 kilowatts at 1552 feet I could believe...

**CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS**

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
AL	29-	1460	131	Selma	G. Flinn	32-16-16	87-14-31
AZ	17^	625	507	Phoenix	KPHO [5]	33-20-02	112-03-40
AZ	56^	73	509	Phoenix	KNXV [15]	33-20-00	112-03-46
BC	7n	0.05		Soda Creek	Knowledge	52-21-15	122-15-35
CA	40+	0.45	KTBN1	L.Arrowhead	KTBN [40]	34-13-55	117-14-00
CA	42^	165	873	Los Angeles	KWHY [22]	34-13-36	118-03-59
CA	*59^	190	913	Los Angeles	KCET [28]	34-13-26	118-03-44
CA	25^	316	205	San Diego	KGTV [10]	32-50-20	117-14-56
CA	55^	703	208	San Diego	KFMB [8]	32-50-17	117-14-57
FL	11^	45	476	Daytona Bch.	WESH [2]	28-34-52	81-04-30
ID	58n	16	K58FR	Twin Falls	K.Hillyard	42-43-48	114-24-52
KY	67+	7.47	W67DT	Paducah	Engles	37-05-53	88-37-20
MD	59^	537	312	Baltimore	WBAL [11]	39-20-05	76-39-03
MN	*16^	50	403	St. Paul	KTCI [17]	45-03-30	93-07-27
MO	67+	1.16	K67HF	C. Girardeau	G. Kelley	37-09-27	89-36-20
OH	65n	4.86	W65DP	Lima	WATCH TV	40-38-03	84-12-29
OR	43^	0.43	355	Portland	KATU [2]	45-31-14	122-44-37
OR	51-	0.27	K51FK	Nehalem	KPDX [49]	45-44-27	123-56-10
TX	*22^	59.9	345	Austin	KLRU [18]	30-19-33	97-47-58
WA	9	316	176	Walla Walla	Bc. Lic LP	46-09-05	118-03-04
WI	4	3.42	199	Crandon	D. Selenka	45-34-26	88-52-58



**New-station permits expired, dismissed, etc.:**

St	City	Ch	# permits	St	City	Ch	# permits
AL	Selma	29	7	IL	West Chicago	42	1
AS	Pago Pago	36	1	MT	Bozeman	50	1
CA	Lancaster	26	1	NJ	Cherry Hill	42	1
CA	San Diego	2	1	OH	Lima	57	1
CA	San Diego	3	3	PA	Philadelphia	42	2
CA	San Diego	4	1	WA	Walla Walla	9	5
CA	San Luis Obispo	40	1	WI	Crandon	4	4
CA	Santa Maria	60	1				

### APPLICATIONS TO CHANGE EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
CA	61z	2380	836	KPKF	Porterville		
CA	*54z	3090	809	KTEH	San Jose	37-06-39	121-50-31
GA	6+	nc	506	WJBF	Augusta	33-24-18	81-50-14
MB	7z	0.72		CBWIT	The Pas		
PA	*16z	1700	297	WQEX	Pittsburgh	40-23-34	79-46-54
TX	33+	nc	520	KDAF	Dallas	32-32-33	96-57-31

### LPTV DISPLACEMENT APPLICATIONS

St	City	Call	Fm	To	St	City	Call	Fm	To
CA	S.L.Obispo	KCCE-LP	20	50	NC	Burnsvil.	W27BF	27	67
CA	Taft	K100H	10	57z	NM	Gallina	K63BU	63	30+
CO	Bayfield	K67CM	67	36	PA	Reading	W59CC	59	24z
IA	Marshalltown	KDAO-LP	39	45-	SD	Sioux Fls	K07UP	7	56z
NC	Boone	W27AO	27	65z					

### CHANGES GRANTED TO EXISTING FACILITIES

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
BC	10z	0.05		CKSC-2	Soda Creek	(x-ch 2)	
BC	13z	0.05		CKSC-1	Soda Creek	(x-ch 4)	
BC	8+	4.2		CKTN-TV	Trail		
KY	65z	1259	207	WLJC-TV	Beattyville		
LA	20-	5000		WHNO	New Orleans		
MO	4-	nc	343	KMOV	St. Louis		
MO	6z	nc	602	KMOS-TV	Sedalia	38-37-36	92-52-03
NM	11-	316	608	KCHF	Santa Fe	35-46-49	106-31-34
PA	8+	nc	419	WGAL	Lancaster		
PA	22-	5000	nc	WYOU	Scranton		
TX	*13+	nc	518	KERA-TV	Dallas		

WGAL [8]'s change is only a correction; the actual tower height has not changed.



### LPTV DISPLACEMENTS GRANTED

St	City	Call	Fm	To	St	City	Call	Fm	To
AR	Bentonville	K53FW	14	53-	NE	Neligh	K42EQ	39	42-
AR	Fort Smith	KFBT-LP	46	10-	NM	Carlsbad	K49ES	67	49n
AR	Hot Springs	KTVV-LP	63	48-	NM	Colfax	K45FC	66	45n
AR	Springdale	K040X	15	4-	NM	Farmingtn	K40FI	60	40+
AZ	Many Farms	K49ET	69	49n	NM	Farmingtn	K49ER	62	49n
CA	Arroyo Gde.	KSSY-LP	66	56+	NM	Forrest	K34EZ	65	34n
CA	Bakersfield	K08MM	9	8+	NM	Horse Sps	K46EZ	66	46n
CA	Monterey	K23EW	67	23-	NM	Roswell	K50FG	62	50+
CA	Sta. Barbara	KKFX-LP	24	17-	NM	Socorro	K35FF	10	35-
CA	Tulare	K27FQ	40	27	NY	Binghamtn	WBGH-LP	8	20z
CO	Cortez	K49EQ	33	49n	NY	Schenect.	WNGX-LP	4	42z
CO	Rulison	K26FK	66	26-	OK	Altus	K36EV	61	36n
DE	Dover	W14CM	68	14+	OK	Altus	K38FJ	63	38n
FL	Jacksonville	W54CS	36	54+	OK	Guymon	K59GF	69	59n
FL	Pensacola	W65DR	31	65+	OK	Weatherfd	K59GE	39	59n
FL	Perry	W29CH	69	29-	OR	Canyonvil	K32ET	38	32+
GA	Atlanta	W04DB	20	4z	OR	Coos Bay	K44FH	67	44n
GA	Augusta	W49CA	36	49-	OR	La Grande	K02PJ	7	2z
GA	Valdosta	W5WB-LP	53	35+	OR	Medford	K23EX	42	23z
ID	Crouch	K41EO	69	41z	PA	Brookvill	W45BT	51	45z
ID	Garden Vly.	K51FL	61	51z	TX	Bryan	KRHD-LP	22	34z
ID	Kellogg	K59GD	67	59z	TX	Houston	KHMV-LP	56	28-
ID	Lewiston	K55HZ	64	55z	TX	Kerrville	KWTC-LP	2	11-
IL	Effingham	WEIL-LP	41	54+	TX	Livingstn	KETX-LP	5	7+
IL	Salem	W29CI	28	29-	TX	Snyder	K44FG	67	44-
IL	Springfield	W62CY	33	62+	VA	Castlewd	W58CY	59	58+
KY	Hopkinsville	W22CH	62	22+	VA	Roanoke	W62CZ	56	62+
KY	Talbert	W64CM	14	64-	WA	College P	K36EW	45	36n
LA	New Orleans	K66FW	14	66+	WA	Pt Towns.	K62FS	41	62n
MN	Austin	K26FL	61	26+	WA	Soap Lake	K46FA	60	46n
MN	Austin	K59GH	43	59-	WA	Walla Walla	K28FT	27	28+

### LPTV DISPLACEMENTS GRANTED

St	City	Call	Fm	To	St	City	Call	Fm	To
MN	Minneapolis	K67HG	35	67+	WA	Yakima	KDHW-LP	64	45-
MO	Columbia	K53FX	69	53z	WI	Green Bay	W30BU	57	30+
MT	Bozeman	K11UJ	2	11n	WI	Sheboygan	W16BS	20	16+
NC	Raleigh	W64CN	38	64z	WY	Shoshoni	K42ER	68	42n

Changes expired, dismissed, etc.:

St	City	Ch	Call	St	City	Ch	Call
AK	Fairbanks	26	K26EL->32	HI	Honolulu	26	KAAB
AZ	Flagstaff	60	K60BP->50	LA	Baton Route	46	K46CR->53
AZ	Topock	64	K64AG->43	LA	Shreveport	61	W61BC->40
AZ	Williams	60	K60ED->35	NC	Asheville	64	W64CI->50
CA	Porterville	61	KPKF	NY	Glens Falls	4	W04BD->47
CO	Bayfield	63	K63BN->40	PA	Philadelphia	57	WPSG
FL	Gainesville	31	WBXG-LP->43	SC	Columbia	67	W67DP->23
FL	Jacksonville	10	WBXJ-LP->50	SC	Spartanburg	66	W66CA->27
FL	Jacksonville	69	WUBF-LP->54	SD	Sioux Falls	7	K07UP->56
FL	Orlando	11	W11BM->16	TN	Chattanooga	39	WYHB-LP->34
FL	Palatka	49	W3GV-LP->57	TN	Jallico	54	WPKK
FL	Pompano Beach	21	W21BD->57	TX	Clear Lake City	5	KJIB-LP->34

### CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
GA	49z	5000	597	WTLH	Bainbridge	30-40-51	83-58-21
ID	31-	2140	447	KFXP	Pocatello		
MD	42+			W42CK	Hagerstown	(xW41CE)	
MS	22-			W22CG	Natchez	(xW42CC)	
NC	38+	3020	155	WEPX	Greenville	35-24-09	77-25-10
NE	28n	50		K28FS	Columbus	(xK44EJ)	
NE	55n	13.9		K55HX	Columbus	(xK17DW)	
OK	65z	19.5		K65GY	Tulsa	(xK51EZ)	
PA	67^	112	262	WCAU-DT	Philadelphia		
RI	50z	18.4		WRIW-LP	Providence	(x ch.23)	
TN	26-			W26BU	Union City	(xW41CD)	
WV	29z	5000	368	WKRP-TV	Charleston		

### TECHNICAL CHANGES ON THE AIR

St	Ch	Call	City	What happened
AK	*7-	KAKM	Anchorage	power 162->316KW, tower 238->240m.
CA	18-	KSCI	Long Beach	change city from San Bernardino.
CA	38z	KCNS	S Francisco	correct tower coordinates.
KY	68+	WKMJ-TV	Louisville	power 1170->1350KW, add DA.
NC	3z	WBTW	Charlotte	decrease antenna height 26m (for DTV)
NV	25n	K25FR	Elko	move from ch. 10.
PR	14z	WTIN	Ponce	power 120->1070KW, tower 549m higher, move about 20km west-northwest.
WA	22z	KSKN	Spokane	power 1410->1860KW.
WY	19z	K19CP	Mountain View	change from no offset, power 1.32->1.4KW, tower 20m higher & move 80km (?!) ESE & change city from Evanston.

### NEW STATIONS ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	52n	17.6		K52AO	Tucson	32-14-56	111-06-58
CA	5-	0.26		K05KM	Fresno	36-55-49	119-38-28
CA	32z	24.1		K32EQ	Fresno	37-04-13	119-25-31
CA	28+	13.5		K28FK	S Luis Obispo	35-21-38	120-39-21
CA	42+	14		K42EL	S Luis Obispo	35-21-38	120-39-21
CA	54-	8.46		KTEH-1	Santa Cruz	37-06-39	121-50-37
CA	35+	20.8		K35ER	Santa Maria	34-53-54	120-35-28
CO	32-	22.2		K32EO	Colo. Springs	38-44-40	104-51-42
HI	13n	3.72		KHNL-1	Kaneohe	21-24-21	157-46-49
IA	39+	4470	154	KFPK	Newton	41-49-05	93-12-32
ID	17n	18.2		K17ED	Payette	44-03-44	116-54-22
KY	62z	129		W62CL	Lexington	38-02-07	84-27-02
LA	11+	316	540	KAQY	Columbia	32-05-41	92-10-39



### NEW STATIONS ON THE AIR

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
LA	21+	3020	143	WPXO	Minden	32-44-40	93-22-54
ND	46z	9.52		K46DY	Bismarck	46-49-38	100-46-28
NY	15+	17.8		W15BH	Buffalo	42-52-47	78-52-36
NY	61+	2.32		WBXZ-LP	Buffalo	42-52-47	78-52-36
NY	25z	79.1		WVBG-LP	Prattsville	42-37-38	74-00-42
PR	7+	1		WSTE-3	Arecibo	18-27-21	66-45-16
SD	46z	3980	589	KDLT-TV	Sioux Falls	43-30-17	96-33-22
TX	69-	0.10		K69HZ	McAllen	26-15-23	98-13-49
VA	48-	30		W48BI	Richmond	37-26-21	77-25-57
WI	43			W43BR	Baraboo		
WV	29z	5000	368	WKRP-TV	Charleston	38-28-12	81-46-35

W43BR isn't in the FCC Database.

### STATIONS DELETED/DISMISSED/ETC.

St	Call	St	Call	St	Call	St	Call	St	Call
BC	CH4392 [7]	NS	CH2579 [52]	NS	CH2582 [62]	NS	CH2585 [68]	TX	K48FR
MS	W43BN	NS	CH2580 [56]	NS	CH2583 [65]	TX	K31DM		
NS	CH2578 [15]	NS	CH2581 [57]	NS	CH2584 [66]	TX	K41DO		

### CALL CHANGES

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
K13OI	KSBS-LP	Pinewood Springs, CO	13	NEW	KBJO	Avalon, CA	54
K22AG	KDMD-LP	Anchorage, AK	22	NEW	KUEW	St George, UT	18
K32CL	KJFX-LP	Neosho, MO	32	NEW	KWBT	Muskogee, OK	19
K48EJ	KEJT-LP	Salt Lake, UT	48	W58CF	WSSF-LP	Berry, AL	58
K63EC	KMPH-LP	Merced, CA	63	W63CA	WSFG-LP	Berry, AL	63
KDLT	KDLV-TV	Mitchell, SD	5	WBDJ	WMPX-TV	Waterville, ME	23
KDLV	KDLT-TV	Sioux Falls, SD	46	WIIB	WIPX	Bloomington, IN	63
KOFY-TV	KWBW	S Francisco, CA	20	WPCB-TV	WKPX-TV	Greensburg, PA	40
KVCC-LP	KDPX-LP	Cathedral C, CA	58	WTKF	WTKF-TV	Phila., PA	29
NEW	KBJL	Sheridan, WY	9	WUBI-LP	WGSA-LP	Savannah, GA	38
NEW	KBJN	Ely, NV	3	WZWI	WRDQ	Orlando, FL	27



### PROGRAMMING CHANGES

Call:	Location:	Programming:
K28EY	Douglas, AZ	Telemundo.
KQBN-LP [14]	Tucson, AZ	Telemex (Spanish)
KDPX-LP [58]	Cathedral City, CA	Pax?
K06GW	Divide Creek, CO	sold to KRMA [6], PBS.
K06LX	Glenwood Sprs, CO	sold to KRMA [6], PBS.
K04GQ	Morrisiana Mesa, CO	sold to KRMA [6], PBS.
KSBS-LP [13]	Pinewood Springs, CO	to relay KSBS [24]? (is KSBS on the air?)
K61BN	Rulison, CO	sold to KRMA [6], PBS.
K49AH	Silt, CO	sold to KRMA [6], PBS.
K12MH	Sutank, CO	sold to KRMA [6], PBS.
KAQY [11]	Columbia, LA	new, testing with ID color bars.
WBDJ [23]	Waterville, ME	sold to Pax.
KJFX-LP [32]	Neosho, MO	Pax?
WDTL [44]	Greenville, MS	to be Fox when built.
K46DY	Bismarck, ND	new, TBN.
WMBC-TV [63]	Newton, NJ	carries some TBN.
WVBG-LP [25]	Albany, NY	UPN

### PROGRAMMING CHANGES

Call:	Location:	Programming:
W15BH	Buffalo, NY	testing with ID bars.
WBXZ-LP [61]	Buffalo, NY	returns to air with The Box.
WMHQ [45]	Schenectady, NY	sold to Sinclair, to return to commercial operation?
WHCP [30]	Portsmouth, OH	to have returned to air 9/14 as WB.
KTEN [10]	Ada, OK	NBC only, drops ABC & Fox.
KWBT [19]	Muskogee, OK	to be WB for Tulsa?
K13VC	Austin, TX	UPN
KBVO-LP [49]	Austin, TX	KNVA [54], WB.
KHPB-LP [16]/ KHPF-LP [58]/ KHPG-LP [21]/ KHPL-LP [32]/ KHFM-LP [40]/ KHPX-LP [48]/ KHPZ-LP [64]	Bastrop/ Fredericksburg/ Giddings/ La Grange/ San Marcos/ Georgetown/ Round Rock, TX	All to full-time translators of KNVA [54], WB.
KPKX [30]	Odessa, TX	sold to Pax.
K25FP	Ellensburg, WA	sold to 3ABN.
W43BR	Baraboo, WI	new, AIN.
WKRP-TV [29]	Charleston, WV	new, Pax.
KBJL [9]	Sheridan, WY	permit sold to KTVQ [2], CBS.

### OTHER STUFF & FORUM

Thanks to Tom Bryant, Dave Nieman, Randy Miltier, Chip Kelley, Jeff Kruszka, Danny Oglethorpe, Russ Miller, and Mike Condon via Neil Kazarsos for information appearing elsewhere in this month's column. It's been a slow month here in Tennessee, but there's been some nice tropo reported in the North. F2 is off to a good start on 28MHz, and there have been scattered reports of 50MHz propagation. DXers with the ability to monitor the 48MHz vicinity should be looking for European video carriers.

There was space this month to include grants of 77 LPTV displacements and applications for 9 more. Some of these are beginning to show up on their new channels; keep your eyes open for them. Things may be getting crowded, but if you count channel changes as new stations, you're going to have many new possibilities.

The WB network has embarked on a scheme to get local coverage by cable in markets where they don't have a free-to-air affiliate. WB provides the cable system with a network feed and a box to insert local IDs, and "fake calls" are assigned. I've seen reports that local advertising is sold in some markets in cooperation with area affiliates of other networks. Randy Miltier says there's a "KZWB" showing up in Eugene, Oregon in the TV Guide which appears to be one of these, and Chip Kelley is seeing a "KWVB" in the North Texas edition. One might see promotions for these on area free-to-air stations (or on radio); be ready...

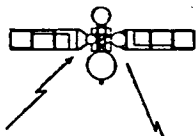
I hate to resurrect this debate <grin>, but... Glenn Lavender wrote from Florida & asked "How can you tell (visually) if a TV station is 0, +, or - offset?" I couldn't answer him. Of course, you can't tell exactly what offset a station is if it's alone on the channel. But I would suppose you can tell from the CCI how far a station's frequency varies from that of another station of known offset on the same channel?

Danny and Jeff are both seeing the new KAQY [11], as is a non-member in the area who complained about interference to KTVE [10] in an email to Chip. I have no idea what this station is planning for programming, and so far all reports say it's only running ID color bars. ABC, UPN, WB, and Pax are all missing from this (Monroe, LA) market.

Industry Canada still hasn't released the calls of the new channel 36 station in Hamilton, Ontario. The station is 24 hours, so there hasn't been a signoff for airing calls. Maybe someone in the Toronto area can call their engineering department & ask if they know what the calls are?

73 Doug

# SATELLITE NEWS



GEORGE W JENSEN  
4604 ANNTANA AVE  
BALTIMORE MD 21206-4220

This time there are a few changes only to report.

Satcom C1 -

13 - Fox Channel - East from Galaxy 7

Galaxy 1

103 - now HBO Plus - east

104 - HBO Plus - Mountain

105 - HBO Plus - West

106 - HBO Signature - East

108 - HBO Signature - west

Satcom C3

8 - Style - was QVC Fashion

500 - PAX - East

501 - PAX - Mountain

502 - PAX - West

613 - Discovery - Health

615 - Discovery - Home and Leisure

700 - BBC - America

761 - KnowledgeGalaxy 9

Galaxy 9

1 - Outdoor Channel

2 - Gospel Music Television

Mexican Satellites =====

I have much confusion here as to what is on and what is not.....

I believe Solidaridad 1 is on and Morelos 2 is off????

Solidaridad 1 had the following -(someone has these)

8 - feeds

16 - Clarovision

Anik E2

981 - audio channel - CIUT 89.5 FM - Toronto, Ontario

GE Americom 1

NOTE - the makers of 4DTV insist that the 4DTV receiver does not receive PAL and SECAM color formats. As I have observed on many occasions, this is true - even with an ultra-strong analogue signal. B U T ---- on the digital compressed video side of this bird - Hero Teleport channels on 607 and 754 are in PAL color and if you have a multi-standard monitor - are PERFECT. The question is why here and not on analogue? They have been running some Argentinian feeds and at one point ran a long bloc of live ATC - Buenos Aires programming???????

Galaxy 3

16 - HBO Plus - East

19 - HBO Signature - East

20 - HBO Plus - west

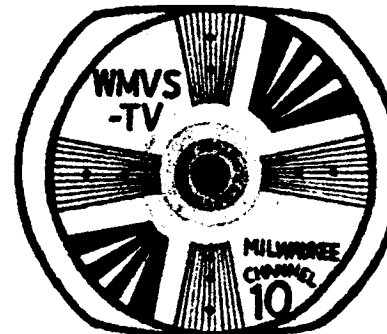
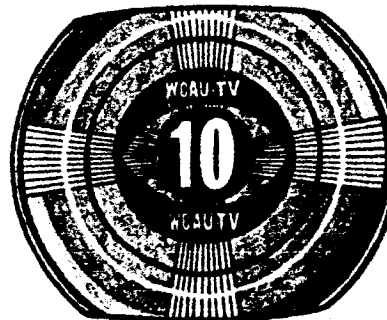
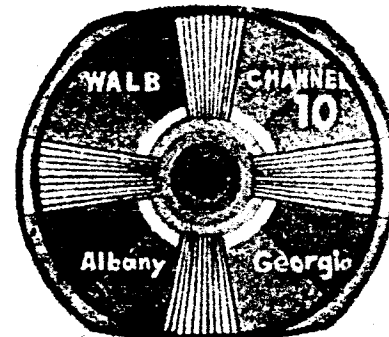
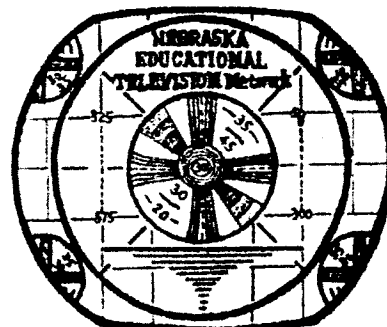
Galaxy 7 - delete FX - Fox Channel - now on C1

On the Ku-side - 26 - National Weather Network has been experimenting with a strange channel from time to time called Enigma Theater???????

757 - Canal 9 - is really Canal 9 Internacional - Buenos Aires

That's all for this time - see you in 30 -73's

*George*



The way to most DXers hearts is with a few test patterns. Even though there was a certain sameness about all of them, each one was distinctive. They had personality and character. Because very few circular test patterns did not display call letters, the Nebraska ETV version of the classic Indianhead is quite rare. The WJXT and WALB versions look like they were done in color. WCAU decided not to mention that it is in Philadelphia. Thanks to Robert J. Williams for the great reproductions.

Jeff Kruszka, Editor  
5024 S. Braxton Ave.  
Baton Rouge, LA 70817  
JTKruszka@worldnet.att.net

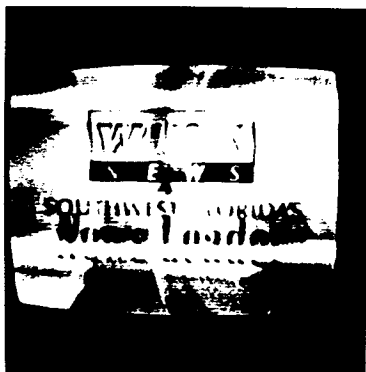
Some more fantastic tropo this month from Roy Barstow, Teaticket, MA. Unfortunately, Roy, most of the photos did not turn out well (it looks like it was the engraver's fault). But I will try to reprint some of your photocopied photos (and keep my fingers crossed), because it would be a shame not to show 1200 mile tropo!

**Equipment:**

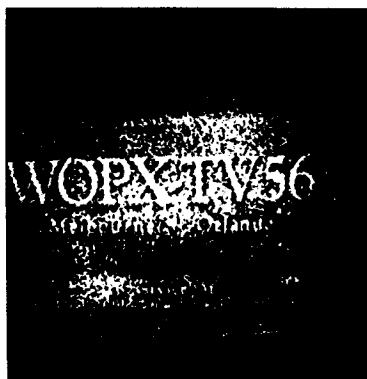
VHF: CM 1110 with CM Titan II preamp @25', w/ .875 hardline.  
UHF: 7' dish with RDX labs preamp @ 30', w/ .750 hardline.



WOFL-35 Orlando, FL  
1072 mi Tr seen 5/15/98  
@0945 ET



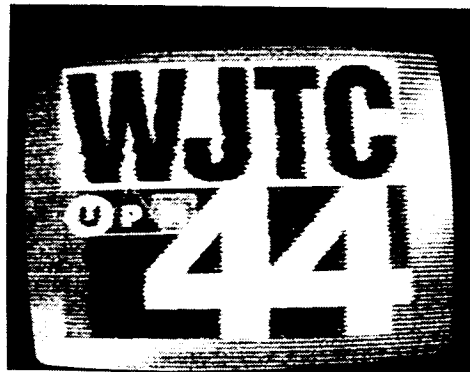
WINK-11 Fort Myers, FL  
1200 mi Tr seen 5/15/98  
@0900 ET



W42AM-42 Daytona Beach, FL  
1075 mi Tr seen 5/15/98  
@ 0930 ET  
"xtr for WOPX-56; 48.4 km!"



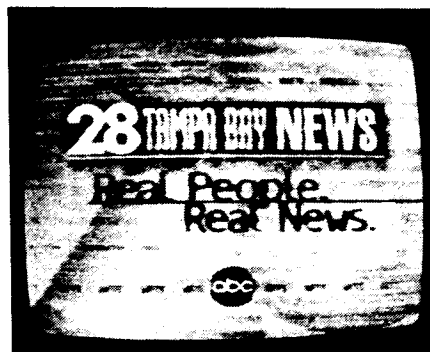
CBHT-11, Yarmouth, NS  
279 mi Tr seen 5/15/98  
@0213 ET  
"This area also open!"



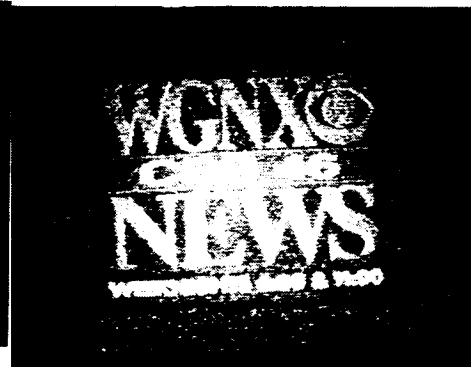
WJTC-44 Pensacola, FL  
410 mi Tr seen 5/22/98  
@ 1100 CT



KOLR-10 Springfield, MO  
335 mi Tr seen 5/22/98  
@1125 CT



WFTS-28 Tampa, FL  
743 mi Tr seen 5/22/98  
@0240 CT



WGNX-46 Atlanta, GA  
551 mi Tr seen 5/23/98  
@0400 CT

The rest of Danny's batch next month. Let's see your summer DX photos!



73's, JH



# NORTHERN FM-DX

GREG CONIGLIO  
90 SLATE CREEK DR. APT #3  
CHEEKTOWAGA, NEW YORK 14227

e-mail: coniglio@localnet.com

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada  
**NOVEMBER 1998 DEADLINE: The 5th LOG CUTOFF: 4 mos. from postmark**

An interesting column this month! Some reports still coming in from the skip season, which still appears to have lasted later than most summers. The big story has been numerous high-quality trop openings in August and September, over a wide area of the country, and often unusual paths. Look for a report of Toronto-Nebraska this month, almost 800 miles. A variety of other interesting paths & distances also occurred. If you heard some, please remember to report it here as well as the Internet - we want to read about it too!! One e-mail report had a Chicago-Lubbock path - wow! Also, this month we see the first report of a pirate on E-skip - it was bound to happen with so many on the air lately. Thanks for your reports! ....

## FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: Tandberg 3001-A tuner; Channel Master 4408 ("Stereo Probe 9"), FM yagis at 48, 45, and 8 feet. The low one is used for nearly all Es; the 2 tal ones (towers 30' apart) for Andy Bolin's phase boxes. Sometimes the 48' is used without Phasing for Tr (MR-78 is being repaired)

\* = logging would not have been possible without phasing

### JULY 1998 TR

<b>2 TR</b>	
0833 W266-- 101.1 IL Urbaba, WILL	132
0848 WNDL* 95.3 IN Sullivan, local ad and phone number (checks out), faded into more common WMSK-KY	241
<b>7 ES</b>	
1330 XHAAA 93.1 TA Reynosa	1085
<b>13 ES</b>	
0944 WGZY 95.9 GA Dublin, ads for Dublin and Sandersville, "Y96"	697
0952 WXMK 105.9 GA Dock Jct, w/WOCL	951
1003 WQSY 103.9 GA Hawkinsville, ads and "Sunny 103.9" slogan	692
1005 WDUV 103.3 FL Sarasota	1018
1021 WUWE 88.1 FL Pensacola, 474-ARTS (phone # fits), classical	720
1035 WOSC 95.9 DE Bethany Beach	842
1047 KXOR 106.3 LA Thibodaux, Brandon's Auto Sales & Detailing in Houma	736
1100 KRRQ 95.5 LA Lafayette, "Q95 is KRRQ Lafayette"	710
1105 KZMZ 96.9 LA Alexandria, "don't just turn us on, turn us up, KZMZ 96.9", Prev Tr	640
1111 KLIL 92.1 LA Moreauville, calls, "greatest hits of all time", Bunkie ad	654
1114 KROK 92.1 LA DeRidder, "92.1 FM (a drop in) The Eave", called "yes that's us"	660
<b>13 TR</b>	
2117 KUQQ 102.1 IA Milford, calls, fady	300
2135 KZEN* 100.3 NE Central City	386
2142 KXNP 103.5 NE North Platte	530
2251 KPLO* 94.5 SD Reliance, Mobridge, Chamberlain, & "KPLO Weather forecast"	521
2324 KCGN 101.5 MN Ortonville	446
<b>14 TR</b>	
0102 KBWS* 102.9 SD Sisseton, "? Country 103 is KBWS Sisseton", long-sought (Frank, it's "Pheasant Country 103"-grc)	483

### JULY 14 TR

0123 KSDN* 94.1 SD Aberdeen, promo for "Naked Rock" (acoustic show)	
0230 KCCQ 105.1 IA Ames, "Today's hit music is on Hot 105 KCCQ", ex: 107.1	188
0232 KSET 107.1 NE S.Sioux City, "KSFT-FM" inserted before soft oldies	328
0300 KFNW 97.9 NE Fargo, "KFNW-FM 97.9 Fargo, or KFNW AM 1200 W.Fargo"	539
0306 KEGO* 101.9 NE Fargo, "Moose Country the Valley's best country"	539
0300 KQLX 106.1 NE Lisbon, legal ID	544
0333 KLQB* 92.1 MN Madison, forecast for Q92 listening area of W. MN & E. SD, gave yesterday's high of 99° at Madison studios	422
0459 KFML* 94.1 MN Little Falls, legal ID "the best of yesterday and today", "Central MN's home of musical variety"	425
0707 KLLZt 99.1 MN Walker, "Bob & Tom" ph/KEEZ, will not be resolved, insufficient	
0800 KGIM 103.7 SD Redfield, "Country 103 is KGIM Redfield-Aberdeen", crowded freq.	503
0815 KIKV* 100.7 MN Alexandria	444
0818 KOLYt 99.5 SD Mobridge, "Y 99.5" not enough info (May not have been them. Frank: They were "Star 99.5" in May-grc)	606
0903 KMFX 102.5 MN Lake City	300
0916 KARL 105.1 MN Tracy/Marshall	364
0946 KZAT 95.5 IA Belle Plaine, wx on "Y95" BTYB Tama-Toledo Dairy Queen	131
0956 KQIC* 102.5 MN Willmar, legal ID	
1105 WWIB* 103.7 WI Ladysmith, "WWIB will present live coverage of Promise Keepers...."	348
1118 KDJS* 95.3 MN Willmar, "K95 weather check", heavy t-storms in W. Central MN	392
1152 Pirate? 99.3	NOTE 1
<b>15 TR</b>	
0048 WZYM 105.1 WI Waunakee, "For WI's Capital City, the big Y 105.1"	199

## NORTHERN FM DX

NOVEMBER 1998

Frank Merrill's report continues:

### JULY 20 GW

2307 KTRM 88.7 MO Kirksville, full sign off after hard rock, didn't know this existed! 102

### AUGUST 1998 DX

#### 15 ES

1113 WMAS 94.7 ME Springfield	945
1117 WCBS 101.1 NY New York	872
1120 WATD 95.9 MA Marshfield	1042
1132 unID 95.3 ?? "call the weekly almanac @ 253-9271", "Classic hits 95-3 FM" (may be 2 stations) Couldn't find this in newspaper or in Internet phonebook at Jeff K's	
1133 WKSS 95.7 CT Hartford	941
1136 WPLM 99.1 MA Plymouth, Marshfield fair and other local ads incl. Plymouth	1044
1141 WTYD 100.9 CT New London, ad, Southern CT State Univ.	971
1142 WCIB 101.9 MA Falmouth	1047
1148 WOCN 103.9 MA S.Yarmouth, Cape Tire Service, "Ocean 104", local anncs	1071
1151 WWRX 103.7 RI Westerly, "103.7 WRX The Classic Rock", 80° in Providence	985
1153 WCOD 106.1 MA Hyannis	1065
1200 WJMJ 88.9 CT Hartford, "point 1 and in New Haven at 107.1" into ABC News	941
1205 WXTK 95.1 MA W.Yarmouth, calls formerly heard on 94.9	1067
1208 WTIC 96.5 CT Hartford, 96-5 TIC	941
1210 WQRC 99.9 MA Barnstable, local ads	1064
1211 WDRC 102.9 CT Hartford, "Good Times Great Oldies, D103" (local ads 1221)	941
1212 WQQQ 103.3 CT Sharon, "Q103" jingle played over phone and they said it was them	899
1216 WQGN 105.5 CT Groton, "Today's best music Q-105/Shawn Murphy", Sandy's Lighthouse on Rte. 32 North (confirmed on phone)	966
1226 WCCC 106.9 CT Hartford, calls	941
1228 WWKX 106.3 RI Woonsocket, "The All New Hot 106, S. New England's Hottest Mx"	1001
1234 WHCN 105.9 CT Hartford, "HCN", ad	941
1237 WBCN 104.1 MA Boston, Danvers ad and Boston mentions	1024
1239 WXLO 104.5 MA Fitchburg, Worcester and Lunenburg ads, calls	987
1243 WGNA 107.7 NY Albany, ads, calls	888
1251 WEHN 107.1 MA Fair Haven, "and the all new location in New Bedford, at..."	1033
1301 WAQY 102.1 MA Springfield, "co ID with WAQY 1600 E.Longmeadow"	945
1620 WZZR 92.7 FL Stuart	1093
1624 WNML 96.5 GA Gray, "It's the 97.9 WIBB Flashback Festival .. central GA"	648
1632 WJGA 92.1 GA Jackson, "92FM and 1410 AM", Jackson HS benefit stale	617

#### 16 ES

1130 KDEM 94.3 NM Deming, calls, Real K 1106

### JULY 16 ES

1139 KCDY 104.1 NM Carlsbad, along with Es on many other freqs. from NM	936
1150 KKYA 93.1 SD Yankton, About 75° off direction of opening. Backscatter??	385
<b>18 TR</b>	
2049 WEZR 107.5 WI Brillion, "WEZR Brillion Green Bay, The Planet"	290
2254 WJMQ* 92.3 WI Clintonville, Washington Inn of Cecil ad (great place - I've eaten there a few times!), emergency PSA ment. WJMQ	304
2316 WDUX* 92.7 WI Waupaca, "FM 92.7 WDUX mid-WI's music and information station" in Brewers BB break, just phased Galesburg IL enough! 281	
2338 WMZK* 104.1 WI Merrill, "WI's Z104", Ratt at Lincoln Co. Fairgrounds, "Central WI's pure rock", (WZEE Madison phased)	331
<b>19 TR</b>	
0001 WJQJ 92.5 WI Tomahawk, "In Tomahawk Wi, this is WJQJ, your entertainment and information station", demolishing 25-mi WKXQ!!	350
0005 WOGB 103.1 WI Kaukauna	291
0006 WVBO 103.9 WI Winnecone	300
no longer simulcasting, both still oldies	
0021 WCQM* 98.3 WI Park Falls, "This Is Real Country WCQM", after PSA, ph/KQYB	379
0200t KJAM 103.1 SD Madison, to top of hour ID country, directly into news	
0213 KSUX* 105.7 NE Winnebago, "You're list. to 35 min. of commercial free k on K-Stoux 105.7"	325
0216 KOLK 102.3 IA Onawa, Sioux City addresses for "The Colt 102.3"	352
0343 KRRO 103.7 SD Sioux Falls, WLLR off announcements on "The Crow", 0345 WLLR back	377
0400 WDKM 106.1 WI Adams, legal ID	247
0446 WIMI* 99.7 MI Ironwood, "Hit music and great oldies, 99 Seven WIMI"	415
0554 WBOG 94.5 WI Tomah, "The hits you remember, Dairy 94.5 WBOG", oldies	244
0600 WJUSK* 96.1 WI Tomah, "US 96.1 is WJUSK Tomah-Sparta-LaCrosse"	244
0649 WXPB* 91.7 WI Rhinelander, ment of studios in Rhinelander, calls @0651	364
0806 WRJO 94.5 WI Eagle River, very-local news items, WERL/WRJO news time	384
0815 WUPM* 106.9 MI Ironwood, local ads "Greg & The Geezer" morning, calls	415
0900 WMZK 104.1 WI Merrill, legal, NOTE 2	
0921 WBDL 102.9 WI Reedsburg, "102.9 B102" call 356-3661 (number matches!)	216
0949 WRHN* 100.1 WI Rhinelander, "Light Hits 100.1 FM WRHN" thru local WKAI, after much trying today	364
1010 WHTD 93.7 WI Three Lakes, buried WEKZ no phasing, ment. Rhinelander, New Country 93 and phone number matched	359
1015 WIKB 99.1 MI Iron River, anncs	402

Frank Merrill's report continues:

# WCMM 94 DOT 7 FM

**AUGUST 1998 DX  
19 TR CONT**

- 1048 WJLW\*106.7 WI Allouez, local ads, "A billion songs in a row 106.7 The Eagle". This is my first new 106.7 since WBRJ 300
  - 1100 WEMI\* 91.9 WI Appleton, legal ID but STILL no WLFM 91.1! 288
  - 1107 WUPY\*101.1 MI Ontonagon, Michigan DNR (hunting), weather mentioned Watersmeet, Ontonagon & Ironwood, "The Rock Of The North Shore, Y101" 448
  - 1121 WHWL\*95.7 MI Marquette, calls 452
  - 1223 WKLA 106.3 MI Ludington, "happy birthday from WKLA" anncs (never managed to log this station from OH or MI!) 324
  - 1247 WBDK\* 96.7 WI Algoma, many local ads and calls (WBDK bumper sticker) 330
  - 1300 WCMM\* 94.7 MI Gulliver, "for all of upper MI, WCMM 94 dot 7", ID with Manistique Escanaba-Marquette", Gulliver buried 444
  - 1307 WJDK 95.7 IL Seneca, Wilmington and Morris items, voting in IL, forgot to log 123
  - 2101 WFRO\* 99.1 OH Fremont, Toledo Edison ad in Mudhens baseball break (entire network is this, WFRO-900, and WMTR-96.1) 399
  - 2122 WXKR\* 94.5 OH Pt.Clinton, 94-5 XKR 410
  - 2245 WREO\* 97.1 OH Ashtabula, "WREO Star 97 FM", 2241-2253, then vanished 523
- 20 TR**
- 0300 WXZZ\*103.3 KY Georgetown, ID with Lexington, trying for WAXL-IN, but I guess I'll take this one! 361
  - 0328 WGGC 95.1 KY Glasgow, "WGGC Country 95" 350
  - 0336 WMIT 106.9 NC Black Mtn 576
  - 1532 WFRO 99.1 OH Fremont, calls heard 399
  - 1650 WRVG\* 89.9 KY Georgetown, "You're listening to WRVG news", 50 kW CP on? 361
  - 1825 W--- 92.9 IL Colfax, "It's Sunny 92.9 FM the new stn in Bloomington-Normal" 110
  - 1835 KNSX 93.3 MO Steelville, 93-3 KNSX 176
  - 2150 WLEZ\* 102.7 IN Terre Haute, NOTE 3 186
  - 2223 WFLQ\*100.1 IN French Lick, "Hello this is Marty Stuart, thanking you for listening to the best in the country, WFLQ French Lick" 253
  - 2300 WVXR\* 89.3 OH New Paris 313
  - WBCY 89.5 OH Archbold 340
  - 2344 WGCT\*105.1 IN Ellettsville, "Bloomington's #1 Country Station, Big Red 105" 231

**AUGUST 1998 DX**

- 21 TR**
- 0119 WSFR 107.7 IN Corydon, "107-7 SFR" 288
  - 0146 WSDM\* 97.7 IN Brazil, "right smack in the middle, we're WSDM", oldies 197
  - 0300 WNLT\*104.3 OH Harrison, check out wnl.com", legal ID at 0303 321
  - 0400 WIWC\* 91.7 IN Kokomo, legal ID 238
  - 0420 WVNO 106.1 OH Mansfield 428
  - 0803 WSLQ\* 99.1 VA Roanoke, "Q99 is WSLQ Roanoke-Lynchburg & The New River Vly" 617
  - 0834 WBSW\* 90.9 IN Marion, relay of WBST 263
  - 1959 WKUE\* 90.9 KY Elizabethtown, Fresh air ends, 4-station ID followed 320
  - 2100 WVXU 91.7 OH Cincinnati, took out WBGL w/out phasing, but: KCMW\*90.9 MO Warrensburg, phasing WILL off the back, no needed WGUC-OH! 200
  - 2155 WIVK 107.7 TN Knoxville 476
  - 2155 WMIT 106.9 NC Black Mtn 576
  - 2344 WNVJ\* 95.1 IN Nashville, "We're the official stn of the Family in south Central IN" after ads and events for Bedford, Martinsville, Bloom. 250
- 22 TR**
- 0600 WTEM\* 98.5 TN Kingsport, "It's the year of the ? - FM 98.5 WTFM K-Bristol-Johnson City" 516
  - 0610 WETS 89.5 TN Johnson City 533
  - 2158 WWQG\*90.9 TN Cookeville, "King of Kings Radio Network" legal ID for WTHL 90.5 and this
- NOTE 4**
- 2208 WKQQ\*100.1 KY Winchester, "The rock station 100.1 WKQQ" thru 6 mi lcl WKAI 387
  - 2343 WSWO\*102.3 OH Wilmington, Kicking Country 102.3, local ads 368
- 23 TR**
- 0000 WIGR\* 97.5 OH Union City, "Greenville, Winchester, Sidney - today's generation of music is on 97-5 WTGR" 310
  - 0012 WUKY\* 91.3 KY Lexington, thru WIUM 369
  - 0521 WDWI 98.9 IL Dwight, Country Calendar w/Pontiac IL address, gotta log this sometime! 125
  - 0535 WYHT 105.3 OH Mansfield, burying WKO-A-IN without phasing 428
  - 0538 KJJC\* 106.9 IA Ankeny, ESPN radio off the back, took out WMRI, hoping for WMRN! 177
  - 0741 WONE\* 97.5 OH Akron, legal ID 481
  - 0800 WRQK\*106.9 OH Canton, still trying for WMRN, faint calls only as WMRI returned 488
  - 0820 Absolutely no DX - for the first time in days!



Frank Merrill's comments:

**NOTE 1 (July 14, 1152):** Noted somebody from the NW, carrying WGCA 88.5! Incorrect direction for WGCA, or local mixing products of any kind; all except 102.7 (SSSE) are in SW quadrant. Afterward, I thought perhaps a fluke with KFGQ-IA, though their & WGCA's religious formats are dissimilar. Noted again after the stop-date of this report, and it seems to be more NW than KFGQ. There's nothing much to my near NW, just rural folk & Blandinsville @ 12 miles. Perhaps I need to drive around and check further.

**NOTE 2 (August 19, 0900):** Probably the only Merrill station I will ever hear on FM, and they have to be one of these guys whose legal ID is absolutely unintelligible. Rats! These kind of stations, who seem to be thoroughly ashamed of who they are - why not just go off the air?

**NOTE 3 (August 20, 2150):** Yes, right through my local WJEQ. Actually there has been a major improvement here! Formerly, they were NW of me at 1.2 miles and 25 kW, now they're located at 170° (just E of S) at 3 1/2 miles and 10 kW (higher AAT). They're still my strongest local, and they're actually in a worse direction now, but overload is now only moderate-to-severe when pointed at them. It used to be extreme. They moved in the spring of this year. Hooray!

**NOTE 4 (August 22, 2158):** Sometimes it's good not to have logged a station! This makes 3 stations I've logged while looking for WGUC. Clearly that area was coming in, as WLWT-5 was received then. Another example of my August 20 of WXZZ 103.3 KY, something I may have never even thought to look for if I already had logged WAXL-IN. (I had the same thing happen on Channel 23, never having logged Marion, IN. In the process of looking for it I got Decatur, IL, and even Cape Girardeau! I still don't have Marion! - grc)

**DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749**

Equipment: Carver TX-11 tuner; IF filter modified, Pioneer SX 650 receiver. Channel Master model 4408 (Stereo Probe 9) at 43 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz. Belden RG-11/u coax feed. New loggings are underlined. {WTHN} = call change.

**AUGUST 1998 DX**

- 23 tropo**
- 1000 WSDL 90.7 MD Ocean City, ID // 298
  - WSCL 89.5, c\$
  - 1200 WSCL 89.5 MD Salisbury, ID, c\$ 276
  - 1242 WCDO 100.9 NY Sidney, call, r\$ 159
  - 1302 W246AP 97.1 NY Dansville, WZXV 99.7 ID, g\$ 54

**SEPTEMBER 1998 DX**

- 7 tropo**
- 0830 W293AC 106.5 NY Binghamton, WPEL 96.5 ID, g\$, over WYRK Buffalo 133
  - 0910 {WTHN} 99.3 NY Ellenville, "Thunder Country", k\$, ex. WWWWK 212
  - (WPKK 97.5 St. Marys PA off do to thunderstorms)
  - 1042 WONE 97.5 OH Akron, call, r\$ 173

**SEPTEMBER 7 1998 tropo DX Continued**

- 1058 CIQM 97.5 ON London, "Easy Rock...Q-97.5", rm\$ 160
  - 1118 WPST 97.5 NJ Trenton, call, rs\$ 228
  - 1132 {WFRY} 97.5 NY Watertown, "Froggy-97", k\$, ex. WCIZ 188
  - 1200 WKMZ 97.5 WV Martinsburg-Hagerstown (MD)-Winchester (VA)-Chambersburg (PA), ID, op\$ 177
- 20 tropo**
- 1150 WYSK 99.3 VA Spotsylvania, "Y-99.3" + call, rm\$ 270
  - 1157 WVES 99.3 VA Accomac, call, k\$ 329
  - 1216 WWKL 99.3 PA Harrisburg, "Kool-99.3" o\$ 145
  - 1304 WNNT 100.9 VA Warsaw, call, k\$ 295
  - 1314 WKHI 107.5 VA Exmore, lcl ads, s\$ 332
  - (WHKS 94.9 Port Allegany, PA off-the-air)
  - 1335 CIME 94.9 PQ Hull, call, r\$ FF 273
  - 1348 WASP 94.9 PA Oliver, Wasp-FM, k\$ ...hot new country for Pittsburgh... 160
  - 1400 WQMX 94.9 OH Medina-Akron-Canton, ID, k\$ 175
  - 1406 CKGE 94.9 ON Oshawa, lcl ads, r\$ 132
  - 1408 WKLL 94.9 NY Frankfort, "K-Rock", rp\$ 184
  - 1423 WRBT 94.9 PA Harrisburg, lcl ads, k\$ 141



Dave

RICK SHAFTAN - 217 GREEN RD. - SPARTA, NEW JERSEY 07871

(973) 726-8114, Beeper for DX: (973) 254-0525, alphanumeric beeper: (800) 900-1237 (PIN # 27056).  
EQUIPMENT: Realistic STA-2280 with 2-110 khz and 1-150 khz filters (see McVey article, Nov. 1990). Two APS-14s stacked vertically, mounted 40" AGL, phased by two FM-13s stacked vertically, mounted 30" AGL w/Bolin phase box. (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

JOSEPH PELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080 E-mail: Pinfella@aol.com  
Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: ELT

**JUNE 1998**  
28 Es (continued from last report)

1201 KYEZ	93.7 KS Salina, legal ID	1239
1206 KMEM	100.5 MO Memphis, ID, nx	931
1213 KRLS	92.1 IA Knoxville, KNIA/KRLS ID, gospel pgm.	971
1214 KKBZ	99.3 IA Clarinda, "The Beat" Local ads	1086
1232 KXNE	89.3 NE Lexington, Nebraska Public Radio	1190
2323 KRKZ	93.5 OK Altus, wx, ads, "Rock Solid 93.5"	1438
2327 KNIN	92.5 TX Wichita Falls, ads	1418

**JULY 1998**

4 Tr

0101 WXPX	105.3 NY Calverton, "Party 105" legal ID, dance mx	170
0113 {WXEX}	99.7 RI Wakefield, "99.7X", legal ID, r, Ex: WDGE	158

7 Tr

2200 WPMZ	104.9 NC Hertford, "Praise 105" legal ID, gospel	321
2223 WTKF	107.3 NC Atlantic, talk	410
2249 WTVR	98.1 VA Richmond, "Light 98", PSAs	264
2301 {WQJZ}	97.1 MD Ocean Pines, smooth j, legal, Ex: WLPX	156
2315 {WTDK}	107.1 MD Federalsburg, "The Duck" ads, Ex: WCTD/WQMR	144

8 Tr

0045 WNUJ	89.3 NJ Bridgeton, NJN, // to WBG0-88.3 overnites	87
0100 {WVKI}	95.7 VA Norfolk, oldies, legal ID which sounds like WVKO rather than WVKI, Ex: WTAR/WKEZ/WLTY	275
0129 {WTOP}	107.7 VA Manassas, call, news Ex: WEER/WWWK/WMJR/WRCY	220

9 Tr

2354 WNYQ	105.7 NY Queensbury, legal ID "Wink 105", ads, r	184
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**12 Es**

1115	96.1 Bahamas? Solid classical, followed for over an hour, no breaks even at the top of the hour.	
1125	94.9 Bahamas, "MOR-FM"	1061
1129	104.5 Bahamas, "Power 104.5 - Heart and soul of the Bahamas"	1061
1135	93.5 ??? Anyone ID the gospel on 93.5 with very low modulation?	
1150 WPOW	96.5 FL Miami, "Miami's Power Station"	1064
1157 HOT 97/WHOTT	97.7 Miami (or close to it) Pirate, urban, ads including one for a business selling beauty supplies and weed. Strong at times/bad audio	
1210 WBBE	94.7 FL Gifford, local ads, "B-94" (or possibly B-94.7)	961

**JULY 12 (continued)**

1214 WKGR	98.7 FL Ft. Pierce, "The Gator"	991
1221 WEAT	104.3 FL W. Palm Beach, local ads, "Sunny 104.3"	
1234 WPIK	102.5 FL Summerland Key "Pickin' 102.5", ads, k	1173
1241 WKLG	102.1 FL Rock Harbor, "Star 102.1", So. FL/Keys wx	1126
1252 WPAW	99.7 FL Vero Beach, ads, k, "Panther Country 99.7"	957
1300 Rebelde	96.7 CUBA Havana, ID with lots of fanfare, strong for a while.	1292
2004 KKEG	92.1 AR Fayetteville, ID	1115
2023 WUWF	88.1 FL Pensacola, ID, promo	1005
2043 KFCM	100.9 AR Cherokee Village call, oldies	971
2050 KERX	95.3 AR Paris, call	1115
2052 WRKA	103.1 KY St. Matthews, "Oldies 103" + call	623

**31 Es**

1827 WIKX	92.9 FL Ocala, "Kix Country 92.9"	900
1830 {WGPU}	90.1 FL Ft. Myers, ID Ex: WSPF	1053
1920 KHFI	96.7 TX Georgetown, contest	1494
1922 KPCH	97.7 LA Dubach, local ads	1148
1929 KSWP	90.9 TX Lufkin, call, wx	1303
1937 KKTIX	96.1 TX Kilgore, classic r "96X"	1267
1951 KSBH	94.9 LA Coushatta, local ads, "The River"	1209
1952 {KPRO}	95.3 TX Gilmer, call, promo Ex: KAEZ	1260

**AUGUST 1998**

6 Tr

0150 WNCT	107.9 NC Greenville, "Oldies 107.9"	378
0200 WZAX	99.7 NC Nashville, legal ID	372

8 Tr

2054 {WSJZ}	96.9 MA Boston, lighth jazz, call, Ex: WJIB/WCDJ/WBCS/WKLB	213
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9 Es

1423 KCFM	94.1 OK Okmulgee, ID, c	1302
1433 KOZO	89.7 MO Branson, Oasis net, Net ID which includes KMSI, WYCS	1050

15 Tr

2302 WCIB	101.9 MA Palmouth, ID, antennas pointed at WQCD which was phased...	209
2355 {WCSP}	90.1 DC Washington, legal ID, "C-Span Radio", Ex: WDCU	180

16 Tr

0003 {WKLR}	96.5 VA Williamsburg, legal ID, "The Planet", Ex: WBCI/WDCR/WLEE	256
2201 WOMR	92.1 MA Provincetown, ID, Rock concert, Ex: 91.9	243

.....that's it for now...73, Joe

**MAY 1998 DX**

3 TR

0001	92.5 CFQR	Montreal PQ Best of the 70s.80s and Today, Lite Rock Q92	313
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14 TR

0730	107.9 WNCT	Greenville NC Local Ad	
0745	90.3 WHRO	Norfolk VA ID	
0800	89.3 WTEB	New Bern NC ID	
0805	91.5 WUNC	Chapel Hill NC ID	434
0856	94.7 WQDR	Raleigh NC Country, ID	427
0903	94.5 WRVQ	Richmond VA Q94. First time since 1979.	289
1000	100.7 WTRG	Rocky Mount NC Oldies 100.7	436

26 ES

2029	92.3 KOEZ	Newton KS EZ 92 KOEZ	1226
2030	92.7 KANR	Belle Plaine KS News/KS News 1244	
2057	88.7 WRWA	Dothan AL Calls, ID	914

27 ES

1103	92.1 ????	ID 92.1/95.7	
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28 ES

1746	92.3 WCKW	LaPlace LA Rock 92.3 concert at Zephyr Stadium	1181
1748	92.5 KTFA	Groves TX ID on tape	1317
1758	92.1 KRTS	Seabrook TX Classical	1397
1805	94.9 KSBH	Coushatta LA Quality Ford in Coushatta	1206
1815	100.9 KHLL	Richwood LA DanielAppliance, 913 Louisville Ave.	1130
1827	102.3 KBCE	Boyce LA	1201
1830	103.3 KJOJ	Freeport TX w/98.5 Kiss FM	1451
1831	104.9 KMPQ	Rosenberg TX Spanish	1425
1832	106.9 KKHT	Conroe TX KKHT.COM	1364
1833	106.5 KOOI	Jacksonville TX Sunny 106.5	1398
1834	104.5 KKDA	Dallas TX K104 Soul	1359
1835	103.9 KZEY	Marshall TX Soul	1234
1838	103.1 ????	Your Favorite Classic Rock	
1838	103.1 KCTO	Columbia LA Citizens Progressive Bank	1148
1846	106.1 KTTX	Brenham TX K-Tex 106 Texas Lottery, Brazos Valley Wx. Hi 98	1429
1847	105.1 KYKS	Lufkin TX in Lufkin."	1294
1848	102.3 KPEZ	Austin TX south of Bastrop Highway." K-Peas	1488
1853	103.3 KJCS	Nacogoches TX Terry's Marine Highway 59 South, The Country Authority KJ-103	1290
1854	103.5 KEYI	Austin TX Austin's Official Cruisin Station Oldies 103.5 247d 1504	

**MAY 28 ES cont**

1857	88.3 WAFR	Tupelo MS In Huntsville its 90 degrees with 48% Humidity. AFR News	890
1900	88.9 ????	BBC Nx.	
1900	90.3 ????	Lo nr. 70. His lo-mid 90s. Ad for Tax Resources	
1901	90.7 ????	BBC	
1914	104.5 KJTX	Jefferson TX Black Gospel 1225	
1919	92.1 KDOK	Tyler TX Allan Barnes show., Smith County Extention Service.	1287
1925	88.7 KTPB	Kilgore TX. Calls	1275

**29 TR & ES**

0047	90.1 WCSP	Washington DC C-Span Radio	191
2013	100.1 KRVV	Bastrop LA The Beat	1144
2014	99.7 ????	Cajun Mx.	
2017	102.7 KWYX	Jasper TX Jasper Tire, Hwy 96	1280
2023	94.9 KOLL	Maumelle AR T&T Transport Central AR.	1060
2038	95.7 KSSN	Little Rock AR ID	1061
2050	100.1 KPYN	Atlanta TX Gospel	1207
2051	101.7 KXAR	Hope AR	1166
2057	103.3 KIXB	El Dorado AR Country	1127
2100	104.5 WRVR	Memphis TN ID	917
2108	102.7 ????	Classical	
2112	102.1 KOKY	Sherwood AR Calls	1054

**JUNE 1998 DX**

LES

1722	92.1 KEXI	Marlow OK Foxy 92	1344
1725	94.9 KOLI	Electra TX Oldies 95. ad for Second Hand Sports.	1409
1737	95.5 WHOK	Lancaster OH God Bless Texas K-95.5 Country EM89 Triple Crown Grid	435
1739	95.9 ????	Lo 60, Hi 90. Low Mid 50s. Hi 85.Lo 50, Hi 78, 86 degrees at 96 FM, Country	
1740	106.5 KBVA	Belle Vista AR Muzak. CNN-FN Business Minute, Bentonville mentions. calls.	1117
1744	106.3 KRZK	Branson MO WHCY off	1042
1748	106.1 KQLL	Owasso OK Good Times and Great Oldies Cool 106.1	1169
1755	105.9 KQITZ	Hobart OK News item about a Midwest City man	1404
1756	107.7 KRXO	Oklahoma City OK Traffic for OK City, Northwest Expressway	1290
1757	107.3 107.3 WRDB		
1759	107.3 KEZG	Lincoln NE Star 107.3	1146
1759	106.5 KOOI	Jacksonville TX Wx, ID	1398
1802	92.1 KDOK	Tyler TX East Texas Medical Center, Trinity/Longview	1287

Rick Shaftan's report continued:

JUNE 1st Es cont

1802	106.3	KYGL	Texarkana AR Calls	1184
1803	91.3	WMPN	Jackson MS Mississippi nx	1055
1804	89.3	WYPL	Memphis TN // Action News	5
			at 6. mention of Memphis River Kings	929
1808	105.9	WGKX	Memphis TN Kicks 106	
			Roadrunner Traffic	917
1809	105.3	????	Rap, maybe KAKJ Marianna AR	
1813	103.9	KNZA	Hiawatha KS Kansaland News,	
			Sabetha Obit.	1101
1818	107.9	KXTJ	Beaumont TX Mex Mx	1326
1820	107.9	????	Milwaukee Baseball,	
			Compton is a player	
1825	101.3	WJDQ	Meridian MS Rush Foundation	
			Hospital, Q-101	983
1827	102.1	KOKY	Sherwood AR ID w/Little Rock	
			1054	
1828	102.5	WLSS	Baton Rouge LA Elgin's Fine	
			Jewelry	1187
1830	102.9	KAJN	Crowley LA Local ads,	
			Rue Bogard	1250
1834	105.7	WAKH	McComb MS BB game with	
			Travis Chapman and Bulldogs	1107
1835	103.3	WKJN	Hammond LA	
			Cajun 103	1136
1837	101.7	WYOY	Gluckstadt MS Jackson,	
			Meadowbrook Ch of Christ, BellehavenCollege	1044
1839	102.9	KMEZ	Belle Chasse LA Entergy PSA	
				1150
1839	102.5	Country	102.5	
1847	107.7	KTYN	Wrightsville AR Slick Willies	
			Downtown at the Train Station	1054
1852	107.3	WQLT	Florence AL First Southern	
			Bank, Hunts TV & Appliance	835
1854	107.9	WFCA	Ackerman MS Mississippi C	
			hemical, Farm Bureau Insurance Co., Precision	963
			Care	963
1856	107.9	KQQL	Anoka MN Cool 108	988
1900	106.3	KPHR	Ortonville MN ID	1135
1905	105.7	WCFW	Chippewa Falls WI	
			Northwestern Bank, ID	881
1908	106.3	????	Wx, low in mid 40s on Wed.	
			Steve Sharp DJ	
1910	102.5	KQIC	Willmar MN Q-102,	
			Central MN	1069
1912	102.3	KOLK	Onawa IA Colt Country	1115
1915	104.7	KCLD	St. Cloud MN Calls, CentralMN	
			mention	1029
1920	104.9	KTCH	Wayne NE When Radio Was"	
				1157

JUNE 1st Es cont

1922	105.7	KSUX	Winnebago NE KC 105.7 The	
			Super Pig, 468-WINN	1131
1924	106.1	WQPM	Princeton MN New Q- Country	
			Q106, Elk River-Duluth warnings, lo 50, hi 63.	1004
1926	107.5	????	Save Rite Ad	
1928	105.9	KTLB	Twin Lakes IA Rasmussen Ford	
			in Storm Lake, Twin Lakes, 106 The Beach	1037
1930	105.3	????	Religion, not KIWA	
1931	100.9	????	Matrix Direct Insurance	
1932	100.3	KZEN	Central City NE Calls, ad for	
			Columbus Irrigation, Shelter Insurance in	
			Center City.	1195
1935	106.1	KQLX	Lisbon ND Twins BB	1202
1937	106.3	KVHT	Vermillion SD 241 E. Cherry In	
			Vermillion (relief supplies)	1142
1938	104.7	KKLS	Sioux Falls SD Soul IDed by	
			Mike B.	1159
1939	104.9	KLMJ	Hampton IA Calls	961
1940	106.1	????	Country, could be KJOE Mike B.had.	
1941	106.5	WLJY	Marshfield WI Piano Mx.810	
1943	102.9	KBRX	O'Neill NE Dakota Hearing of	
			Lake Annies, KBRX The Top Dog in Country	1232
1945	103.3	KTEC	Sioux City IA Religion	1118
1947	101.1	KLIR	Columbus NE Sports per	
			Mike B.	1180
1948	101.1	KLQL	Luverne MN Tri States Best	
			Country K-101	1114
1949	101.5	KCGN	Ortonville MN Religion	1135
1949	96.9	KIAQ	Clarion IA Rocks NWFurnacein	
			Fort Dodge and Webster City	1007
1953	97.5	KBVU	Alta IA The Edge 97.5 FM1062	
1955	98.1	WWJO	St. Cloud MN 98 Country	
			NAPA in Wells	1025
1957	100.5	KIKN	Salem SD Todays Best Country	
			Kickin 100.5	1175
1959	88.3	KESD	Brookings SD Calls	1161
2000	88.7	WRFW	River Falls WI Ideas 88.7	946
2002	91.1	KTSD	Reliance SD	
			SD Public Radio ID	1284
2003	89.7	KUSD	Vermillion SD	
			SD Public Radio	1142
2005	91.5	KNGA	St. Peter MN Minnesota nx1013	
2009	91.7	KNSW	Worthington MN Minnesota	
			News	1101
2012	102.5	KMFX	Lake City MN Fox Country	
			102.5	911
2013	103.3	KJSR	Tulsa OK Star 103 Superstar	
			Hits of the 70s, James Taylor 6/19 at the MabeeCenter.	1182
2015	103.9	KKIX	Fayetteville AR Good Times	
			Great Country Kix 104	1110
2018	95.3	KDJS	Willmar MN K-95 69 degreesin	
			Central MN	1076
2020	106.3	????	Max 106.3 Country	
2024	94.9	KQAA	Aberdeen SD Cool 95	1202

Rick Shaftan's report continued:

JUNE 1 Es cont

2025	88.1	KNTU	Denton TX Dallas Morning	
			News, ID	1344
2026	96.3	KTTG	Mena AR Calls,	1157
2040	94.9	KDAB	Prairie Grove AR Bentonville	
			ad, Calls	1123
2050	104.9	WXRX	Belvidere IL The X	744
2051	104.9	KTWB	Piedmont MO Calls	896
2100	106.3	????	Jazz	
2200	94.9	????	Oldies Cool 95	
2202	95.7	KSSN	Little Rock AR 96FM	
15 ES				
1900	92.1	KHPQ	Clinton AR Swap and Shop,	
			calls	1035
1906	99.7	ad for A	Helping Hand	
1909	99.3	????	Religion	
1910	99.1	????	Religion thru WAWZ	
1912	98.3	????	Religion	
1913	98.9	WANT	Lebanon TN Calls	705
1914	99.7	WMC	Memphis TN	
			Local talk show,	919
1933	93.7	WQLJ	Oxford MS Local ads	936
1939	107.1	????	Country, K or Z 107, One Million	
			Dollar Guarantee	
1943	105.7	WWUC	Union City TN Ads	838
1945	104.9	WFOU	Iuka MS New Country 104.9 The	
			Fox Serving Nashville First	835
1950	106.5	KMIS	New Madrid MO Calls	870
1953	103.3	KWOZ	Mountain View AR Branson MO	
			and Searcey Ad	1003
1958	92.3	????	Religion	
2003	95.5	????	Storm Warnings	
18 TR				
0000	90.7	WSDL	Ocean City MD Rel thru WFUV	
19 TR				
2158	93.3	WHTO	Muncy PA Hot 93.3	118
20 TR				
1041	97.5	WFRY	Watertown NY Froggy 97	
1230	95.1	WXTK	Yarmouth MA Rush, ID	232
1904	91.5	WXXI	Rochester NY ID w/clas	210
22 TR				
1020	104.5	The Buzz		
23 TR & ES				
0059	101.7	WLTB	Owego NY Light 101.7	
1122	96.5	WKLK	Cloquet MN Auction with local	
			ad for Culligan man at 878-1533	968
1124	94.9	KQDS	Duluth MN KQ 95	954
1130	101.1	KQDJ	Valley City ND Q-101, Best	
			Hits, best variety	1223
1133	101.1	KBHP	Bemidji MN Country, KB-	101,
			100,000 watts of Country Music Power	1078
1134	101.9	KEGO	Fargo ND Calls	1190
1134	101.7	KRCH	Rochester MN	
			Laser 101.7	925
1135	102.3	KRCQ	Detroit Lakes MN Ricky Skaggs	
			on Real Country.	1122
1140	102.7	KTIG	Pequot Lakes MN Relig	1049

For Times Like These  
  
**102.7-FM**  
 Pequot Lakes, Minnesota

JUNE 23 Es cont

1149	104.3	KLKS	Breezy Point MN Muzak,	
			Pequot Lakes Ad. ID	1049
1154	104.3	KPHR	Milbank SD in Watertown"	1158
1159	88.9	KNSR	Collegeville MN Minnesota	
			Public Radio	1045
1159	88.3	WHWC	Menomonie WI Wisconsin	
			Public Radio	911
1200	91.3	KNBJ	Bemidji MN ID	1078
1201	91.9	KDSU	Fargo ND	
			NPR thru WNTI	1190
1203	93.7	WDAY	Fargo ND Y-94	1190
1204	94.7	KSKK	Staples MN Rush Limbaugh	
				1057
1208	101.7	Heartland	AMC	
1211	94.5	KQDY	Bismarck ND KQ Country	94.5
				1352
25 TR				
0023	105.1	WAMQ	Barrington MA //91.7	98
26 TR				
2252	106.9	WHCD	Auburn NY CD-106.9	
28 ES				
1054	101.9	KTST	Oklahoma City OK The Twister	
				1290
1057	104.3	????	Old Wille Nelson	
1058	103.3	KJSR	Tulsa OK Star 103	1182
1100	104.3	KBCN	Marshall AR	
			Ad for Wachataw Mountain in AR	1034
1102	104.7	KKLH	Marshfield MO Calls	
			Marshfield-Springfield	1011
1108	107.5	KGND	Ketchum OK Okla. ad	1143
1112	107.7	????	X-69, Ad for Berkeley Free Clinic,	
			Colts, Leopolds Records	
1117	105.7	KROU	Spencer OK Classical	1290
1119	105.5	????	Polka	
1122	104.9	KRIG	Nowata OK Willow Rock, Kids	
			Fest 98, Jane Phillips Med. Ctr	1172
1153	92.7	KSIQ	Savannah MO Q-Country	968
1154	93.7	KYEZ	Salina KS Amer. Ctry	
			Countdown, Salina mentions, Clay Center1222	
1156	90.9	KHCT	Great Bend KS	
			Radio Kansas	1297
1157	90.5	KZNA	Hill City KS High Plains Public	
			Radio	1329
1158	90.5	KWWC	Columbia MO Mention of	
			Columbia City council.	944
1159	90.3	KBUZ	Topeka KS Calls	1138
1200	89.5	KHCD	Salina KS NPR, Kansas Nx.	
				1206
1201	88.9	KRNW	Chillicothe MO //KXCV 1000	
1206	90.5	KXCV	Maryville MO NPR, Classical	
			Touch til 11:30	1075

  
**KIX 104**  
 TODAY'S HOT COUNTRY

Rick Shaftan's report continued.

JUNE 28 Es cont

1208	90.9	KUCV	Lincoln NE ID	1156
1210	91.5	KANU	Lawrence KS Concert at the Starlite Thea. in KC.	1100
1220	105.9	KQKY	Kearney NE Hits 106	1263
1222	105.9	KLZR	Lawrence KS Missouri River in ad, not above	1107
1223	105.9	?????	Tri City Wx. Hi 90, Lo 65. More rain. 105.9 X 106	
1240	102.5	KSTZ	Des Moines IA Star 102.5 Local ads.	983
2255	92.5	KAYX	Richmond MO www.lwf.org1022	
2257	88.1	KMSI	Moore OK Oasis Network	1308
2303	89.7	KOZO	Branson MO Oasis Net	1044
2323	94.9	KOLI	Electra TX Oldies 95	1409
2330	99.5	KHAZ	Hays KS Ad for Fireworks just West of Great Bend. New Grid EM08	1313
2340	95.3	KNCK	Concordia KS Oldies 95.3	1216
2343	95.5	KYRP	Haskell TX Hi 102. Stay Cool. Calls	1482
2344	96.7	KBBE	McPherson KS KNGL/KBBE	1237
2345	93.3	?????	Soul. Request 800-888-6499	
2352	94.1	KZCD	Lawton OK Pure Rock Z94	1374
2358	96.7	WPGM	Danville PA Calls w/AM at sign off	100

29 ES

0000	89.1	KMUW	Wichita KS Calls	1226
0002	92.5/94.9	?????	// Hot Country	
0008	94.3	?????	Religious Call In	
0009	94.5	?????	Religion	
0012	91.5	?????	Religion	



JULY 1998 DX

Z TR

0936	97.1	WQJZ	Ocean Pines MD Smooth Jazz 97.1	185
2310	104.9	WEMZ	Hertford NC Relig. ID	355
2338	92.1	WMYK	Moyock NC Ad for VA Beach Firehouse	136
2355	96.9	WBEE	Crisfield MD Bay Country	96.9
2359	89.7	WCPE	Raleigh NC ID	417
0026	107.1	WTDK	Federalsburg MD Oldies	167

JULY 12 ES

1120	94.9	More FM	Nassau BA Holy Trinity Ctr. in Garden and Marathon. More FM	1080
1130	104.5	ZNS	Nassau BA Power 104.5 The Heart & Soul of the Bahamas	1080
1135	92.9	Radio Rebelde	Havana CU Mx.	
1138	96.1	Cool FM	Freeport BA Classical	1003
1140	93.5	Radio Abaco	Marsh Harbour BA Mention of Local Govt in Abaco	1012
1145	95.7	WXDJ	N. Miami Bch. FL Spanish	1121
1152	92.3	WCMQ	Hialeah FL Spanish. solid	1100
1200	102.1	WKLG	Key Largo FL Star 102	1149
1201	100.3	100 JAMZ	Nassau BA Bahamas mention. Calypso Mx.	1080
1207	107.9	WIRK	W. Palm Bch FL ACC Top 40, ID	1033
1208	106.7	WRMA	Ft. Lauderdale FL Spanish	1087
1212	105.9	WBGG	Ft. Lauderdale FL Big 106 Classic Rock	1087
1214	103.5	WPLL	Ft. Lauderdale FL Planet 103	1087
1219	103.1	WEKZ	Plantation Key FL Sun 103	1156
1223	98.7	WKGR	Ft. Pierce FL The Gator	1015
1229	99.9	WKIS	Boca Raton FL Kiss Country	1087
1237	91.5	?????	Oldies: "You're listening to C.A.S.P. Soulful..."	
1240	88.9	?????	Music from Broadway Plays	
1245	95.5	WCLB	Fort Pierce FL Country	1015
1247	94.7	WBEE	Gifford FL B94 Rock Hits coast to Coast Country.	984
1251	94.3	WGMX	Marathon FL WGMX Mix 94	1188
1253	106.3	WZMQ	Key Largo FL Spanish w/ W. Palm Beach mentions	1149
1300	104.7	WFLM	White City FL Ad for St. Lucie County FL	993
1304	89.9	WCNO	Palm City FL Gospel. Palm City	1015
2010	88.5	WUSM	Hattiesburg MS Phone 266-4287	1056
2021	92.9	KBEZ	Tulsa OK Muzak	1182
2023	94.7	?????	Shriners Hospital ad	
2027	94.9	KOLL	Maumelle AR Cool 95	1060
2028	96.3	?????	96 Country (KHLS? - gre)	
2028	95.7	KSSN	Little Rock AR Kissin Country 1061	
2033	105.7	?????	MOYL	
2039	100.5	KDEZ	Jonesboro AR Metal	937
2041	100.3	KDDK	Jacksonville AR Central AR ad	1050
2042	97.5	?????	Hot New Country	
2052	102.9	KVLO	Sheridan AR Landes Ford AR #1	1068
2054	99.7	WMC	Memphis TN Nice ID	917

Rick Shaftan's report continued.

JULY 14 TR

1320	107.9	WWHT	Syracuse NY Hot 107.9	
2345	94.9	CIMF	Ottawa ON FF, also 102.5 mixed w/ Rome	
0016	102.1	CFNY	Toronto ON Edge 102	
0030	99.3	WZXR	S. Williamsport PA ID w/103.7	121
0051	93.3	WHTO	Muncy PA Calls	121
2359	103.1	WCIK	Bath NY //88.5	171

19 ES

1915	92.1	WJMG	Hattiesburg MS Jones Jr. College, Soul	
1920	94.9	?????	Big Band	

27 TR

2330	89.5	WUNY	Utica NY Classic FM	148
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AUGUST 1998 DX

8 TR

0840	107.5	WRGG	Endwell NY Country	102
0855	104.1	WYQS	Chenango Bridge NY Oldies 104?	98

9 ES

1332	93.3	KKNG	Newcastle OK OK City mentions	1308
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1404	94.1	?????	Classical (KCFM? - gre)	
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1404	93.7	KISR	Fort Smith AR Kiss 94	1133
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1409	94.9	KDAB	Prairie Grove AR Gospel	1124
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1415	95.9	KMXJ	Sallisaw OK Ft. Smith mentions. Calls	1154
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1423	95.1	KABH	Shawnee OK Religion w/OK mentions	1242
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1425	100.1	KYKC	Byng OK Phils vs. Astros. Pied Piper Pizza, Ada's Best	1246
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1428	101.7	?????	Today's Hits, Yesterday's Favorites. The River	
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1428	102.9	KHOZ	Harrison AR Calls	1047
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1428	101.3	KMCO	McAlester OK Calls, phone in McAlister. Still in at 1443	1217
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1434	103.9	KKIX	Fayetteville AR Country Kix 104, NW Ark mentions.	1110
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1437	104.7	KEZU	Booneville AR N. Carroll County. Bradley's Foxfire Inn	1120
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1445	96.5	?????	Central State Community Services	
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1451	96.7	KDYN	Ozark AR Calls. AM 1540. Ad for Opryland Hotel	1108
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13 ES

1042	92.3	WCKW	LaPlace LA Daniels Car Stereo in Lafayette	1181
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1045	93.3	?????	Ad for the E Center	
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1047	94.3	WIZK	Bay Springs MS Ad for the Hattiesburg American	1025
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1048	88.5	WUSM	Hattiesburg MS South Mississippi Public Radio	1056
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1052	88.7	KRVS	Lafayette LA Acadiana Mentions	1227
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1104	98.3	?????	Gardners Rd. North of Bath Rd.	
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1109	98.3	?????	IGA on Highway 5 in Pike Falls	
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JULY 15 ES

0950	92.3	?????	Religion	
0955	92.5	KSYN	Joplin MO Kissin 92.5	1100

0957	95.5	WHOK	Lancaster OH K 95.5 FM Country	435
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1000	94.5	WRVQ	Richmond VA Surprise troops	
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1010	94.5	KKLR	Poplar Bluff MO Clear Country for NE AR and SE MO	898
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1028	92.3	WIL	St. Louis MO Country, calls	853
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1030	97.3	WRUL	Carmi IL Tri State Boomer WRUL	751
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1040	99.3	KCGQ	Gordonville MO Nearly Perfect Shoes: Jackson/Poplar Bluff	840
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1044	105.9	KGBX	Nixa MO KGBX Love Line 1022	
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1046	105.3	WYNG	Evansville IN Evansville's 12 in a Row Country	721
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1049	104.7	WNSR	Nashville IL Washington County	804
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1059	89.1	?????	Adventures in Odyssey	
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1101	88.1	KDIX	St. Louis MO Calls	853
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1101	88.7	WSIE	Edwardsville IL Calls	826
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1102	90.7	KTTK	Lebanon MO Mid Missouri Christian Voice	997
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1103	90.5/90.9	?????	//88.5, 90.7	
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1103	88.5	KUMR	Rolla MO NPR // 90.7	937
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1103	90.7	KWMO	St. Louis MO NPR	847
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1104	91.5	KSIV	St. Louis MO Hollywood & the Media. Family Nx. in Focus Bott Radio Network	842
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1105	100.9	WXKO	Pana IL Tri County Wx. Calls	768
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1108	101.7	WGEL	Greenville IL Smithboro FD743	
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1118	93.7	KKRL	Carroll IA Hwy 71 and 30	1047
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1120	101.7	KAYL	Storm Lake IA Calls on tape	1058
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1122	94.9	KGGG	Des Moines IA Ramseys Used Cars in Des Moines	976
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1122	94.1	KRNA	Iowa City IA Coralville, 2nd Street	846
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1125	101.7	WIXN	Dixon IL In for a while w/local ads, calls	769
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1130	92.5	KJJY	Ankeny IA Calls	993
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1149	95.5	?????	Harrison Town Hospital	
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1152	97.7	KESY	Nebraska City NE Calls	1112
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1153	101.7	?????	Classical	
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1154	98.1	?????	The Eagle	
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1205	93.9	KSOU	Sioux Center IA Calls	1117
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1210	92.1	KRLS	Knoxville IA Muzak	955
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Rick Shaftan's report continued:

**JULY 15 Es**

1212	93.7	KTUF	Kirksville MO Galloway Lumber in Kirksville	939
1220	98.9	WHIS	Rock Island IL Wx. for Davenport and the Quad Cities	818
1221	100.3	KLYF	Des Moines IA Ad for W. Des Moines	983
1222	100.5	W263	Galesburg IL WCIC ID mentions of Peoria. Only 10 Watts	803
1223	101.5	KKSI	Eddyville IA Classic Rock Kiss FM	940
1224	101.7	KBKB	Ft. Madison IA River Cities Forecast. Wayne Co. Speedway	865
1226	104.9	KBOE	Oskaloosa IA Calls, your country connexion	934
1227	106.5	KCQQ	Davenport IA Local mentions. Q-106.5 Prev on Ms	826
1228	106.9	KJIC	Osceola IA Iowa College Sports Talk	1000
1231	102.9	KZIA	Cedar Rapids IA Z 102.9	884
1233	102.3	WRMJ	Aledo IL J 102 Country	840
1236	96.5	WMT	Cedar Rapids IA Cedar Rapids mentions	880
1246	93.3	KIOA	Des Moines IA Oldies 93.3 UnitedStates Cellular	976
1250	92.5	KJYJ	Ankeny IA Homemakers Furniture, 100 4th St. at Douglas at the Center RidgeMall	993
1254	92.7	KSIQ	Savannah MO North Belt Highway.	1068
1259	89.5	WNIU	DeKalb IL ID	748
1307	92.1	KRLS	Knoxville IA Marion County, Knoxville	955

**16 ES & TR**

2136	92.1	CITI	Winnipeg MB
2343	95.3	WHRB	Cambridge MA Theater Mx.203

**17 TR**

0022	103.5	WKAB	Berwick PA Calls
0215	92.7	W224AU	Allentown PA Classical

**20 TR**

1227	94.9	WPVR	Roanoke VA Arrow 94.9
1240	105.3	WFRB	Frostburg MD Country
1700	90.7	WMRA	Harrisonburg VA Calls
1800	91.3	WTRM	Winchester VA Calls
1820	102.5	WUSQ	Winchester VA Shenandoah Country Leader Q102

**JULY 21 TR**

0016	106.5	WKRH	Minetto NY Modern Rock K-Rock	189
0130	100.9	?????	Ce Quoi on Ms	
0150	94.3	?????	Easy 94	
<b>22 TR</b>				
0921	95.1	WNRV	S. Bristol NY On top	
0930	97.7	WGMM	Big Flats NY Local wx	
1000	98.3	WVIN	Bath NY ID as Oldies 1380	
WABH			166	
1011	94.7	WPHD	Tioga PA 95 The Met w/local ads.	137
1053	93.3	WQRV	Avon NY 93.3 The River 202	
1108	91.7	?????	International Showcase	
1800	88.5	WNJP	Sussex NJ NJN Radio	10
2015	101.7	WFLK	Geneva NY Hit Country K-101.7	
2020	101.7	WBRK-FM	Pittsfield MA PittsfieldMets, now Star 101.7	
<b>23 TR</b>				
1244	100.5	WYGL	K-Country, Pittsburgh Mentions	
1445	99.1	WQKK	Ebensburg PA Quick Rock, Local Ads	221
1510	96.5	?????	Country	
<b>29 TR</b>				
1250	88.9	WVEP	Martinsburg WV WaddyKnow on PRI.	239
1313	103.9	WVWY	Braddock Hts. MD Washington's Z-104	186
1322	103.1	WAFY	Middletown MD Route 15 in Frederick, Kingsboro, I-70	188
1342	88.1	WJTM	Frederick MD Your Joyful Alternative WJTM, Gospel Pgm	188

**SEPTEMBER 1998 DX**

<b>3 TR</b>				
1205	98.3	WWBE	Mifflinburg PA Big Country.	124

**8 MS**

1404	101.7	?????	FM Country 102 - Ms
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**17 TR**

0630	101.7	Star	101.7	
0954	99.5	WOKN	Southport NY Elmira ad	135
0957	98.7	WCBA	Corning NY Star 98.7	

SAUL CHERNOS - 57 BERKELEY ST. - TORONTO, ONTARIO M5A 2W5

(416) 364-0725, e-mail: schernos@torfree.net

**AUGUST 1998 DX**

<b>21 Tr (Toronto - Scarborough Bluffs)</b>				
0004	WMXO	101.5	NY Olean	"The Best Mix" r
0008	WCJK	103.1	NY Bath	g
<b>28 Tr (Burnt River)</b>				
0000	C---	96.7	ON Sudbury	p
0008	WLEW	102.1	MI Bad Axe	"Cruise 102"
0101	WCLS	100.7	MI Oscoda	k
<b>SEPTEMBER 1998 DX</b>				
<b>6 Tr (Toronto - Dufferin)</b>				
0205	KTMX	104.9	NE York	"Mix 105" rS many IDs (nice catch, Saul! - grc)
0238	KMXD	100.3	IA Des Moines	"The New Mix 100.3" \$
0231	KNWS	101.9	IA Waterloo	g "Northwest.n College R."
0250	KEZO	92.3	NE Omaha	"Z-92" r



0254	WPNT	106.9	WI Brookfield	"The Point" rp
0255	KOEL	92.3	IA Oelwein	"92.3 KOEL FM" k AfterMidnite
0300	WHAD	90.7	WI Delafield	
0401	WVCY	107.7	WI Milwaukee	g "VCY Radio Network"
0402	WSJY	107.3	WI Fort Atkinson	WFAW ID (AM sister stn)
0420	CHRW	94.7	ON London	
0438	WODJ	107.3	MI Greenville	
0444	WXRX	104.9	IL Belvidere	rp "The X"
0445	WZLE	104.9	OH Lorain	g Cleveland-Detroit strong
0450	WJET	102.3	PA Erie	"Jet 102" area strong
0500	WGNB	89.3	MI Zeeland	
0515	WWKN	104.9	MI Battle Creek	oldies "Keener 104-9"
0544	KBOE	104.9	IA Oskaloosa	"Country Connection"

**7 Tr (Toronto - Dufferin)**

0645	CIXX	106.9	ON London	(not previously logged)
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**10 Tr (Toronto - Dufferin)**

2230	WVCX	98.9	WI Tomah	g
2244	WBCM	93.5	MI Boyne City	"TCM" k
2302	WHAD	90.7	WI Delafield	
2323	WPCK	104.9	WI Kaukauna	k dual ID with 99.5
2338	WQBX	104.9	MI Alma	"Q-105"

**SEPT 11 Tr (Toronto - Dufferin)**

0012	WGER	106.3	MI Saginaw	mr
0034	KMXD	100.3	IA Des Moines	"The New Mix 100.3"
0059	WTKM	104.9	WI Hartford	polka
0100	WPNE	89.3	WI Green Bay	"WI Public radio"
<b>11 Tr (Burnt River)</b>				
0344	WBCT	93.7	MI Grand Rapids	"B-93" k
<b>14 Tr (Toronto - Bluffs)</b>				
0540	WFNY	92.3	NY Troy	
0600	W214AR	90.7	NY Oswego	g (/KAWZ Idaho)
0605	WHUR	92.7	NY Herkimer	"Oldies 92.7 FM"
0614	WMCR	106.3	NY Oneida	
0634	WTOJ	103.1	NY Carthage	"Magic 103.1"
0700	WLTI	105.9	NY Syracuse	"Light 105.9" m
0715	WNDR	103.9	NY Mexico	g
0722	WKRH	106.5	NY Minetto	"K-Rock"
0750	WSKG	89.3	NY Binghamton	
0807	WUNY	89.5	NY Utica	c.
				NPR news w/CIUT!
0810	WQBJ	103.5	NY Cobleskill	Howard Stern
0827	WSKS	102.5	NY Rome	(also 96.9 WOUR) strong

**16 Tr (TO - Bluffs)**

1523	WMCR	106.3	NY Oneida	"MCR" m
1839	WRGG	107.5	NY Endwell	"The new B-107.5" k
1910	WDDL	104.9	PA Scranton	"Light 105"
1917	WPEL	96.5	PA Montrose	g
1937	WSQX	91.5	NY Binghamton	NPR through WXXI!
1938	WENY	92.7	NY Elmira	"Y-92.7" m
1943	WGGY	101.3	PA Scranton	k "Froggy 101"
1953	WYOS	104.1	NY Chenango	Bridge "Oldies 104"
2000	WJQZ	103.5	NY Wellsville	k
2010	WLWV	94.3	NY Elmira	"94-Rock"
2028	WVBR	93.5	NY Ithaca	
2105	WNYS	98.5	NY Waterloo	"Winner 98.5"
2107	WKXZ	93.9	NY Norwich	"Kicks 94" r
2116	WCBA	98.7	NY Corning	"98.7-CBA-FM" m
2159	WVIA	89.9	PA Scranton	gm
2200	WGOJ	105.5	OH Conneaut	g
2211	WPHD	94.7	PA Tioga	"The Met" r
2230	WPGI	100.9	NY Horseheads	"Piggy-100.9"
2239	WGMM	97.7	NY Big Flats	
2245	WHGL	100.3	PA Canton	"Wiggle 100" k
2248	WOKN	99.5	NY Southport	"OK-100" k
2250	WYXL	97.3	NY Ithaca	"Light 97" w/CJEZ on!

SUPPORT WTFDA: CONTRIBUTE TO YOUR V.U.D. COLUMNS TODAY. WE LOOK FORWARD TO, AND ENCOURAGE PARTICIPATION BY ALL MEMBERS!!

Saul Chernos' report continues:

SEPT 19 Tr (Toronto - Bluffs, Aurora, Dufferin)

- 0057 CJLA 104.9 PQ Mirabel FF r
  - 0100 WQQA 96.5 NY Fredonia k
  - 0124 CBBK 92.9 ON Kingston CBC Radio Two
  - 0141 CJFM 95.9 PQ Montreal EE "Mix 96"
  - 0145 CKMF 94.3 PQ Montreal  
FF dance music, in \$
  - 0326 CHRI 99.1 ON Ottawa  
w/CBLA local (Dufferin site)
  - 0359 CJMV 102.7 PQ Val D'Or FF r
  - 0403 CKOI 96.9 PQ Montreal "C'est Quoi" rp/  
dance FF
  - 0417 CBLV 92.3 ON Haliburton  
CBC Radio One
  - 0430 CITE 107.3 PQ Montreal FF m
- OCTOBER 1, 1998 Tr (Toronto - Downtown)
- 0100 == 106.3 ON Toronto Pirate

York NE represents a new tropo state and my farthest Tr ever in any location. IA is also a new Tropo state, so it was neat to get it twice in five days. Late August and early September were fantastic, but things died down for the latter part of September into early October. Pirate on 106.3 was strong and in stereo but seemed isolated to my immediate area - maybe a square mile or so. Played various rock music with superb quality but horribly overmodulated voice atop the music, and as if the announcer was communicating with someone. Ham-like calls of W6ABCD given out. No talk between songs and no obvious ID. 73s, Saul

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: Dodge Caravan Radio, VW whip., (716) 461-2717, JimRenfrew@Delphi.com

SEPTEMBER 1998 DX

TR to MI / ON / OH

- 0845 88.7 CIMX ON Windsor - powerful signal, no sign of WBFO!
- 0847 88.5 CKDX ON Newmarket - unusually strong, usually only heard at Lake if at all
- 0850 96.3 CFMX-10N Toronto - // 103.1, not often heard here
- 0858 101.1 CIQB ON Barrie - "B-101" slogan, Barrie ads
- 0904 89.9 CBE ON Windsor - CBC Radio 2 Windsor ID
- 0914 93.9 CIDR ON Windsor - "The River, Quality Rock, Real Variety" slogan
- 0928 104.3 WOMC MI Detroit - local ads, Big Al (DJ), "Oldies 104.3" and WOMC ID.
- 0944 101.9 WDET MI Detroit - NPR Morning Edition, ID, local promos, weather, traffic
- 0959 97.1 WKRK MI Detroit - H. Stern, "Extreme Radio" slogan, local ads
- 1006 90.9 WDTR MI Detroit - talk show about Detroit school PTA.
- 1007 92.3 WMXD MI Detroit - "Mix 92.3" slogan, local concert promo at 1023
- 1014 95.5 WKQI MI Detroit - "Q 95.5" slogan, Susan Cruzin DJ
- 1018 94.7 WCSX MI Birmingham - "Classic Rock Block on WCSX"
- 1029 101.1 WRIF MI Detroit - local ads, ID
- 1049 95.7 CFJB ON Barrie - local ads
- 1051 99.3 CJBC-4 ON London - no other London area stations heard!
- 1053 100.3 WNIC MI Dearborn - "Soft Rock Favorites ... WNIC"
- 1102 100.9 WBNO OH Bryan - ABC news, "more rock favorites on WBNO-FM".

SEPT 20 TR UPSTATE NY - NORTHERN ON

- 1025 100.9 CFBG ON Huntsville - Psychedelic Sunday music program, with ads for Huntsville, didn't "click" as a new one until I heard temperature in Centigrade. IDed as "the Beast" (but may have misheard "the Moose" as shown in FMA).
- 1030 105.5 CFBKt ON Bracebridge - paid religion, figured it was Oswego (the only one ever heard here), but then the preacher mentioned an address in Nova Scotia, no ID during break. but then another preacher came on also with a Canadian address. After I finally realized what the previous logging was, I checked the FM Atlas, and found a station near Huntsville. New (assuming I can get a verification of a tentative logging)

"THE VOICE OF MUSKOKA"



(100.9 on your Tuner)

JIM'S COMMENTS ARE ON THE NEXT PAGE ...

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607-3832

Equipment: Dodge Caravan Radio, VW whip., (716) 461-2717, JimRenfrew@Delphi.com

SEP 18th: Thanks to Larry Herrit for tipping me off on this opening. Larry suspects he may have heard WI on channel 36. CIMX was blasting in as I drove out of the city heading for Mendon Ponds Park. I had heard this once before, but with WBFO off. This was the most site-specific tropo duct that I've ever experienced, along with general enhancement across the lake to Ontario. The final logging, WBNO, was a last gasp as the enhancement suddenly dropped. It is my furthest tropo ducting at 374 miles, 40 miles further than WFLS 93.3 Fredericksburg VA, and with far less power (6 kW). The map shows that WBNO is dead center on a line from Rochester across the length of Lake Erie, but nothing from Toledo was heard at all

SEP 20th: I work from 9:00-10:20 at one church, then take the thruway to the next service at 11:00, so I only had about 30 minutes to explore this enhancement, while trying to think about my sermon, deal with my son in the passenger seat, and fight thruway traffic. There might have been more ... "Northern Ontario" ... actually these receptions are still well within the southern half of the province, but much further north than usual.

CHARLES BERNTH - P.O. BOX 236 - EASTPORT, NEW YORK 11941-0236

Equipment: Pioneer car radio, Adcom GTP-400 tuner, RS antenna at 15'

AUGUST 1998 DX

- 5 Tr
- 0644 WFXK 104.3 NC Tarboro Foxy 107-104 441
- 0707 WRVQ 94.5 VA Richmond Q-94 360
- 0711 WRSN 93.9 NC Burlington Sunny 93.9 491
- 0723 WERO 93.3 NC Washington calls 457
- 0755 WVES 99.3 VA Accomac calls 263
- 0759 WQRC 99.9 MA Barnstable calls 134
- 0831 WSDL 90.7 MD Ocean City calls 217
- 1004 WFCR 88.5 MA Amherst calls 106
- 5 Es
- 0856 WSMR 90.7 FL Sarasota calls 1098
- 0900 WQCS 88.9 FL Ft Pierce calls 1024
- 0901 WLAZ 88.7 FL Clermont calls 986
- 0905 WFCF 88.5 FL St Augustine calls 897

AUGUST 7 Tr

- 0827 WDAC 94.5 PA Lancaster calls 199
  - 0834 WOCT 104.3 MD Baltimore The Colt 235
  - 0851 WIYY 97.9 MD Baltimore 98-Rock 222
  - 1020 WKYS 93.9 DC Washington Kiss 93.9 268
  - 15 Es
  - 1050 KSD 93.7 MO St Louis calls 950
  - 1100 KSHE 94.7 MO Crestwood calls 950
  - 1118 WYXY 93.9 IL Lincoln Y93.9 878
  - 1127 WLRW 94.5 IL Champaign ads 821
  - 1144 WFMB 104.5 IL Springfield ads 896
  - 1155 KCFX 101.1 MO Harrisonville KC101 1159
  - 1222 KHKI 97.3 IA Des Moines ads 1094
  - 1227 WNIB 97.1 IL Chicago ads classical 778
  - 1233 WMT 96.5 IA Cedar Rapids  
Mix 96-1/2 984
  - 1241 KGGO 94.9 IA Des Moines calls 1079
  - 1247 KKEZ 94.5 IA Ft Dodge Z-94 1115
  - 1254 KRNA 94.1 IA Iowa City ads 995
  - 15 Tr
  - 1810 WYST 93.5 MA Harwich Port  
Stereo 93.5 151
  - 16 Tr
  - 0925 WMJS 92.7 MD Prince Frederick ads 264
  - 0930 WRBS 95.1 MD Baltimore calls 238
- Best Regards, Charles Bernth



Thanks again to all of you who reported this month!! I extended the log cutoff to try and encourage more reporting if people have been too busy. However, I still would like to ask that members report their DX as soon as possible. Your reports will appear that much sooner, and be that much fresher! Also, I now have a Windows 98 PC. I can now accept reports on e-mail (coniglio@localnet.com) in any format that can be read by Microsoft Word 97. (\*.DOC would be most preferred). In fact this format is what I would prefer, as there is less reformatting that has to be done: tabs are included, underlining is possible rather than having to use a \* for new loggings, you can bold-italicize the DX day, etc. Of course, if you cannot provide reports in this format, regular only Text-Only files are still perfectly acceptable! And I would still ask that you prepare your report in a format as close to what you see in the VUD as is possible, and that you separate each logging element (call-freq-state-city-distance) with TABS not spaces. I can get them to line up when I print out the column MUCH easier that way. I have been getting more and more reports formatted properly like that than ever before, and your help is very much appreciated!! If you have any questions, please write me!! Thanks again ...

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 32 feet above ground separated at 23 feet, with use of Bolin phase box. All stations in \$ unless noted mono. \*Denotes use of phase box.

April 1998 (GDT)

15 tr 2300 WUSW? 92.9 WI Green Bay, k 327
Today's hottest new country, WUSW-FM Green Bay, Wisconsin

26 tr

WABX 107.5
EVANSVILLE'S CLASSIC ROCK

1811 WABX 107.5 IN Evansville, op, ad 191

26 ms ?? KSDR? 92.9 SD Watertown, previous tr 680

27 tr 0200 WSNI 92.9 IL Colfax, mr 170
Sunny 92.9 your lite-FM

May 1998

15 tr 1830 WFLE 95.1 KY Flemingsburg, k, ex-106.3 152
(o/WAJI 95.1 IN Fort Wayne) 62
2343 WDNS 93.3 KY Bowling Green, k, ex-98.3 "The Duck" 227

19 tr 0302 W266AF (IL Urbana 90.9 WILL ID) 101.1 IL Urbana, c, 250w 149

22 tr 0700 WURE 91.1 IN Lebanon, k mono, 300w, v only 58
(WBSH 91.1 IN Hagerstown, off air)

25 tr 0200 WOSB 91.1 OH Marion, c 122
(o/WBSH 91.1 IN Hagerstown) 24

27 tr 0900 W264AL (IN Bloomington 103.7 ID) 100.7 IN Columbus, c 73

28 Es

1552 WAYF 88.1 FL W Palm Beach, gr 980
1553 WMCU 89.7 FL Miami, g 1040
1556 WZZR 92.7 FL Stuart, op 944
1602 WLRN 91.3 FL Miami, nx 1040
1614 WHIF 91.3 FL Palatka, g 758
1627 XHMT 98.5 YU Merida, SS 1351
1628 WKEL 90.7 FL W Palm Beach, nx 980
1632 WHIE 91.5 FL Cocoa, g 860
1648 XHGL 97.7 YU Merida, SS 1351
1708 XHRK 95.7 NL Monterrey, SS 1325
1743 WNOE 101.1 LA New Orleans, k 755
1745 KMEZ 102.9 LA Belle Chasse-New Orleans, ad 760

1751 WXRG 105.9 MS Pascagoula, op, ad 700
1753 WLMG 101.9 LA New Orleans, r 755
1800 WOSM 103.1 MS Ocean Springs, g 702
1801 WXTL 102.1 AL Citronelle, g 648
1808 KMDL 97.3 LA Kaplan, k 804
1827 WDJR 96.9 AL Enterprise-Dothan, k, ads 613

2002 KHID 88.1 TX McAllen, c 1219
2038 KLUX 89.5 TX Robstown, b 1109
2042 KLTG 96.5 TX Corpus Chris, o 1098
2045 KFTX 97.5 TX Kingsville, k 1131

28 tr 2200 WLCT 102.1 TN Lafayette, k, ads 255
21 tr 3 WAXL 103.3 IN Santa Claus, r 164
o/WRZX 103.3 IN Indy) 50

36

31 Es (May cont'd)

0710 WAYF 88.1 FL W Palm Beach, gr 980
1852 WAYF 88.1 FL W Palm Beach, gr 980

June 1998

1 Es 1403 KNLE 88.1 TX Round Rock, gr 963
1410 KCKR 95.5 TX Waco, k, "kicker" 870
(o/WFMS 95.5 IN Indy) 50

4 Es

2038 KMML 96.9 TX Amarillo, k 962
2040 KLMN 89.1 TX Amarillo, g 962
(o/WBNI 89.1 IN Fort Wayne) 62
2111 KKFM 98.1 CO CO Springs, op 1040
2120 KSEL 95.3 NM Portales, k 1072

8 ms

?? WNOE 101.1 LA New Orleans 755

14 Es

1700 KHID 88.1 TX McAllen, c 1219
1738 KBJS 90.3 TX Jacksonville, g, SS, mono 792
1739 KLDN 88.9 TX Lufkin, car talk 805
1746 KRIO 94.1 TX Floresville, lk 1054
1752 KRYS 99.1 TX Corpus Chris, k 1098
1800 KUT 90.5 TX Austin, c 978
1822 KCSJ 106.7 TX Terrell Hills-SAT, sm. j 1047

1825 KAJA 97.3 TX SAT, k, ad 1050

18 tr

1138 KNSX 93.3 MO Steelville, p 356

19 tr

0601 WAYK 88.3 MI Kalamazoo, gr 145
"West Michigan's Way-FM" 62
(o/WLAB 88.3 IN Fort Wayne)

0635 WBMV 89.7 IL Mount Vernon, g 229
0857 WQUL 97.7 IL West Frankfort, op, "The Bear" 247

0902 WVZA 92.7 IL Herrin, r, "Visa-92-7" 256

1003 WCBF 102.1 KY Clinton-Mayfield-Paducah, r 310

20 ms

0354 KOSI 101.1 CO Denver 1040

21 tr

0159 WYKL 94.9 MI Benton Harbor-"Cool-94.9" St. Joe, o 144

23 Es

1000 CBA 95.5 NB Moncton, c, "News for the Maritimes" 1116
1001 CKPE 94.9 NS Sydney, ads, nx 1335

24 Es

0930 KBJS 90.3 TX Jacksonville, g, still mono 792
0955 KEOM 88.5 TX Mesquite, r 807
1018 KTSW 89.9 TX San Marcos, p 1006
1034 KNTU 88.1 TX Denton, j 808
1243 KNLE 88.1 TX Round Rock, g 963
1301 KTBO 90.5 TX Wichita Falls, gave address "Radio just for kids" 844

July 1998

13 Es 0944 KOYE 94.9 TX Laredo, k 1193
0948 KCYI 100.3 TX SAT, k, "Y-100" 1050
0953 KRKT 98.5 TX Rockdale, k 928
0958 KYFS 90.9 TX SAT, g 1050

1000 KKBA 92.7 TX Kingsville-1131
"Bay-FM" r
1002 KROM 92.9 TX SAT, lk, SS 1050

- continued -

13 Es (July cont'd)

1003 KJFK 98.9 TX Lampasas-Killeen-Austin, ad, t mono 959
1024 KASE 100.7 TX Austin, k 978

14 ms

?? KNTU 88.1 TX Denton 808

15 Es

1528 KMSI 88.1 OK Moore-OKC, g 741
1545 KEOM 88.5 TX Mesquite, r 807
1549 KNTU 88.1 TX Denton, j 808
1600 KYFW 88.3 KS Wichita, g 665

20 tr

0128 KCZE 95.1 IA New Hampton, r, "The River" 409
0136 KWQA 95.1 MN Worthington, r, "KO-95" 576

(o/WAJI 95.1 IN Fort Wayne) 62
0147 KKRO 106.9 MN Rochester, r 451
(o/WMRI 106.9 IN Marion) 29

0200 WJOD 107.5 IL Galena-IA Debuque, k 304
0300 KARZ 107.5 MN Marshall, op, "Cars-FM" 608

0459 KIKR 103.3 IA Asbury-Debuque, k, "kicker" 323
(o/WRZX 103.3 IN Indy) 50

26 ms

0500 WRR 101.1 TX Dallas-Fort Worth 815

26 Es

2259 KTEP 88.5 TX El Paso, j 1316
2310 KVLG 101.1 NM Hatch, o 1317

31 tr

0635 WLGC 105.7 KY Greenup, k, ads, ex-105.5 176
(o/WTLC 105.7 IN Indy) 50

31 Es

1505 WAYF 88.1 FL W Palm Beach, gr 980
1603 KSEL 95.3 NM Portales, k 1072
1617 KMML 96.9 TX Amarillo, k 962
1828 WAYF 88.1 FL W Palm Beach, gr 980
1829 WHIE 91.5 FL Cocoa, g 860
1834 WLPT 88.3 GA Jesup, g 625
1905 WBTM 90.5 FL Tampa, gr 862
1906 WMSR 89.1 FL Sarasota, gr 902

August 1998

3 tr

0040 KKDM 107.5 IA Des Moines, r 441

4 Es

1100 KEPC 89.7 CO CO Springs, op 1040
1136 KUNC 91.5 CO Greeley, c 1018
1146 KTCL 93.3 CO Fort Collins, pr 1037
1147 KRAI 95.7 CO Craig, r 1167
1201 KUWZ 90.5 WY Rock Springs-Green River, r 1249

Classical 89

KBYU - FM

1205 KBYU 89.1 UT Provo, c 1386
1215 KITQZ 92.7 WY Rawlins, o 1145
1242 KNGW 94.5 WY Casper, r 1099

2120 KRXT 88.1 TX Lubbock, p 1018
2124 KPMX 94.5 TX Lubbock, r 1018
2142 KKVO 90.9 OK Altus, g mono 856
2155 KCBT 90.9 TX Dallas, g 815

5 ms

0145 KONE 101.1 TX Lubbock 1018
0205 KFNF 101.1 KS Oberlin 802
0245 KONE 101.1 TX Lubbock 1018

6 Es (Aug. cont'd)

1218 KHID 88.1 TX McAllen, c 1219
1225 KHRYZ 90.1 TX Reynosa, ads, "Estereo Recuerdo" 1226

(o/WFYI 90.1 IN Indy) 50
1230 KONO 101.1 TX Fredericksburg, o 1023
1248 KCYI 100.3 TX SAT, k 1050

1253 KASE 100.7 TX Austin, k 978
9 ms 0025 KRMD 101.1 LA Shreveport 706

11 tr

WJDK
FM 95.7

0300 WJDK 95.7 IL Seneca-Morris-Wilmington, r 186
0645 WNAZ 89.1 TN Nashville, g 287
(o/WBNI 89.1 IN Fort Wayne) 62

12 ms

0329 WLZW 98.7 NY Utica 561
1006 KOST 101.1 CO Denver 1040

15 Es

1012 WPBX 88.3 NY Southampton, j 664
1022 WXTK 95.1 MA West Yarmouth, t mono 797

(o/WAJI 95.1 IN Fort Wayne) 62
1025 WSJZ 96.9 MA Boston, sm. j 758
1030 WFTN 94.1 NH Franklin-Laconia-Concord, r 742

1035 WJMN 94.5 MA Boston, r 758
1039 WKGD 107.7 CT Pawtucket, "CD-107, sm j for Southern New England" 712

1044 WWRX 103.7 RI Westerly, op, previous ms 714

1051 WOCN 103.9 MA South Yarmouth, r 801
"Ocean-104"
1053 WPXC 102.9 MA Hyannis, r, "Pixy-103" 795

1054 WCIB 101.9 MA Falmouth-Boston, "Cool-102" 776

1100 WJMN 88.9 CT Hartford, g 671
1101 WFCC 107.5 MA Chatham, c 811
1101 WSNB 93.3 MA Tauton, r 754

1106 WERS 88.9 MA Boston, gave phone number, show tunes 758
1117 WEZF 92.9 VT Burlington, ad 689

1139 WKSQ 94.5 ME Ellsworth, ad 916
1140 WHOM 94.9 NH Mt. Wash., mr 777
1145 WBPW 96.9 ME Presque Isle, k 980

1147 WLKE 99.1 ME Bar Harbor, k 924
1200 WMBD 89.7 ME Calais, c 982

16 Es

1032 KLYT 88.3 NM Albuquerque, g 1217
18 tr 0144 WWSF 89.9 WI Stevens Point, pr 368
(o/WDFP 89.9 OH Greenville) 40

0159 WGLX 103.3 WI WI Rapids, op 368
(o/WRZX 103.3 IN Indy) 50
0745 WKCA 107.7 KY Owingsville, k 165
(o/WMMX 107.7 OH Dayton) 67

20 tr

2031 KABF 88.3 AR Little Rock, p 533
2325 KTSG 90.1 IL Carlinville, so g 247
(o/WFYI 90.1 IN Indy) 50

2346 KWFC 89.1 MO Springfield, g 472
(o/WBNI 89.1 IN Fort Wayne) 62

21 tr

0145 KATI 94.3 MO California, k, "Mid-Missouri's Cat Country 94.3" 398

- continued -

21 tr (Aug. cont'd)

**WBBA 97.5**

0230* <b>WBBA</b> 97.5 IL Pittsfield, ads 290	(o/ <b>WTGR</b> 97.5 OH Union City) 30
0240 <b>WRMS</b> 94.3 IL Beardstown, k 267	0625 <b>KITX</b> 103.9 AR Fayetteville, k, 556
"Kix-104" local nx, ads 566	0658 <b>KDAB</b> 94.9 AR Prairie Grove, k 566
0700 <b>KSMS</b> 90.5 MO Point Lookout, nx 505	// <b>KSMU</b> 91.1 MO Springfield, mono 472
0759 <b>KCYO</b> 92.9 MO Ozark-Springfield, 475	k, "Coyote Country" 5
0800 <b>KCFM</b> 94.1 OK Okmulgee-Tulsa, c 658	0806 <b>KLTC</b> 96.5 MO Sparta-Springfield, 471
k, wx, "The Max" 502	0823* <b>KGMY</b> 100.5 MO Aurora, k 502
(o/ <b>WWKI</b> 100.5 IN Kokomo) 45	0828 <b>KGBX</b> 105.9 MO Nixa, r 479
22 tr	0106* <b>WMIT</b> 106.9 NC Black Mountain, g 357
(o/ <b>WMRI</b> 106.9 IN Marion) 29	0228* <b>WFUN</b> 95.5 IL Bethalto, r, 264
"Fun Radio 95-5" 50	(o/ <b>WFMS</b> 95.5 IN Indy) 50
0302 <b>WKSF</b> 99.9 NC Asheville, k 354	23 tr
0119 <b>WAKE</b> 98.3 KY Garrison- 161	g, some So. g OH Ashland-Portsmouth 161
0201 <b>WXZQ</b> 100.1 OH Piketon-Waverly- 148	Chillicothe-Portsmouth, r
0359 <b>WJKW</b> 95.9 OH Athens, gr mono, 184	testing
24 tr	0300* <b>WAUZ</b> 89.1 IN Greensburg- 59
g, AFR, v only Columbus-Batesville, 62	(o/ <b>WBNI</b> 89.1 IN Fort Wayne) 62
(All stations caught on tape)	

27 tr	0530 <b>WGNN</b> 102.5 IL Fisher, g 157	( <b>WMDH</b> 102.5 IN New Castle, off) 8
2105 <b>WFMH</b> 101.1 AL Cullman- 422	Decatur, k	
28 tr	0000 <b>WLLJ</b> 103.1 TN Etowah- 338	"J-103" Cleveland, gr
0302 <b>WYU</b> 102.1 TN Sevierville- 314	"Oldies-102" Knoxville, o	
31 tr	1100 <b>W???</b> 88.1 IN Hartford City, op 18	September 1998
5 tr	0330* <b>WUFM</b> 88.7 OH Columbus, gr, 127	"Columbus rocks on-Radio You" 50
(o/ <b>WICR</b> 88.7 IN Indy) 50	( <b>WOBO</b> 88.7 OH Batavia, off air) 99	2330* <b>WJYC</b> 90.1 OH Delhi Hills- 91
Cincinnati, g 50	(o/ <b>WFYI</b> 90.1 IN Indy) 50	
11 tr	0012 <b>KYBA</b> 105.3 MN Stewartville, mr 445	"Southern Minnesota's soft rock Y-105" 15 tr
2235 <b>WZQQ</b> 97.9 KY Hyden, r 235	15 ms	?? <b>KBFB</b> 97.9 TX Dallas 815
( <b>WGNN</b> 97.9 IN Anderson, off air) 16	24 tr	2300 (IN Howe 91.9 ID) 62
W277AK 103.3 IN Fort Wayne, gr 50	(o/ <b>WRZX</b> 103.3 IN Indy) 50	
27 tr	0300 <b>WRZR</b> 94.5 IN Loogootee- 132	ex-94.3 & 94.1 Washington-Jasper, op 30 tr
0900* <b>WCVM</b> 94.7 MI Bronson, gr 117	(o/ <b>WFBQ</b> 94.7 IN Indy) 50	

**METEOR SCATTER LOGGINGS:**

4/26 **KSDR** "...Watertown..."  
 5/08 **WNOE** "...Convention Center Boulevard. Here's your chance New Orleans to save like never before..."  
 6/20 **KOSI** "...on the doxy top 20 countdown with Jim ? Sunday morning at..."  
 7/14 **KNTU** "...KNTU Denton, Texas..."  
 7/26 **WRR** "...Dallas-Fort Worth..."  
 8/05 **KONE** "...station in Lubbock that plays..."

8/05 **KFNH** "...KFNH..."  
**KONE** "...soft hits of the 70's, 80's and today, right now on Lubbock's new official 101.1..."  
 8/09 **KRMD** "...for service...check... Northwest Louisiana..."  
 8/12 **WLZW** "...from 98.7 WLZW..."  
**KOSI** "...Cozy-101.1..."  
 9/15 **KBFB** "...B-97.9. That's..."  
 (New stations are underscored)

Both 88.3 in Kalamazoo, MI and 88.7 Columbus, OH were finally heard, but quite weak. Without the phase box, they would have never been heard. The new 88.1 is on at Blackford HS, Hartford City, IN. Hours are 0730-1500 M-F. This station is still a cp and has not been assigned calls by the FCC. "Here at 88.1" is given mostly, but DJ's do call it the voice of Blackford HS. Format is mostly op, with a little k, and is \$ at 100 watts. They have a DA to protect Ch. 6 in Indy.

On August 3 I had my second cataract lens implant surgery. Four years ago, my right eye was done and now it was time for the left eye, as my vision was becoming cloudy. In spite of what everyone seems to think, this is not a minor laser surgery. There are no lasers involved at all. After your eye has been numbed by drops, the cataract and lens are removed and broken up with a small tool. The incision is at the bottom of the eyeball. The cataract and lens is sucked out in a vacume type hose. A new lens, which folds in half and is made of plastic is inserted in the eye to take the place of your natural lens. Thank goodness, the patient feels nothing. Today your eye isn't even banaged after surgery! My sight has come back very well. I still need glasses, but for distance only.

Good meteor dates: Oct. 19-23 (Orionids), Nov. 15-17 (Leonids), Dec. 10-14 (Geminids), and Jan. 1-5 (Quadrantids). Meteor scatter total: 213 *73-Edph*



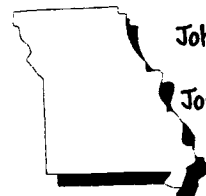
**SOUTHERN FM DX**

John Zondio - 4009 Driftwood Circle - Yukon, OK 73099 - E-mail: jpzondio@aol.com - Deadline: 10th

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



November 1998



**John Tudenham - WoJRP**  
 2824 Missouri  
 Joplin, MO 64804-2755  
 wojrpe@juno.com  
 CDT

Modified Onkyo tuner, 6 element Radio Shack yagi @ 23'. All new

8/20 Tr	2306 <b>WDNL</b> 102.1 IL Danville 427	2330 <b>WLRW</b> 94.5 IL Champaign 398	2359 <b>KATZ</b> 100.3 IL Alton, j 268
8/21 Tr	0802 <b>WQCA</b> 88.5 IL Quincy 259	0805 <b>WIBI</b> 91.1 IL Carlinville 293	1116 <b>WVRV</b> 101.7 IL East St. Louis 262
9/2 Tr	1230 <b>WGEL</b> 101.7 IL Greenville, RFD IL pgm 304	0800 <b>KZNN</b> 105.3 MO Rolla, k, completely taking out local Columbus KS stn	

7 new IL stations brings my IL total to 32 out of 800 stations logged.



**Doug Smith**

1385 Old Clarksville Pike - Pleasant View, TN 37146-8098

w9wi@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

8/5 Gw	1153 <b>WDRZ</b> 103.1 TN Etowah, Chattanooga ads, "J-103," call change? 148
8/6 Es	1156 <b>KHOY</b> 88.1 TX Laredo, ID, joins nx in mid-story 950
1156 <b>KBNL</b> 89.9 TX Laredo, SS rei	1200 <b>XHTLN</b> 94.1 TM Nuevo Laredo, Reynosa ads & calls 951
1200 <b>KHMC</b> 95.9 TX Goliad, "Victoria's new Magic Tejano 95" 798	1200 <b>KAHQ</b> 93.5 TX Junction, many Junction and Kimble county ads (#1) 835
1237 <b>KQOY</b> 103.1 TX Copperas Cove, Killeen ads 723	1250 <b>KGEE</b> 99.9 TX Monahans, "West Texas' Best Country" 938

8/20 Tr	0002 <b>WNCT</b> 103.9 KY ??, mono w/continuous 1940's oldies, no ID
0755 <b>WUQM</b> 91.7 MI Ann Arbor, "Michigan Radio" 448	0805 <b>WDZQ</b> 95.1 IL Decatur, local events, "95Q" 248
0811 unID 97.1 ?? ??, "Nobody plays more rock than 97X"	0813 <b>WUJPS</b> 98.5 MI Houghton, "Michigan's Big Mix of the 80s, 90s and Today" 558
0826 <b>WIOB</b> 102.9 MI Ann Arbor, "Rock 103 IQB" 440	0858 <b>KANU</b> 91.5 KS Lawrence, NE KS wx 481
0859 <b>KSGM</b> 93.1 MO Perryville, ID, x-KBDZ 180	0938 <b>KBEQ</b> 104.3 MO Kansas City, local ads 444
1004 <b>KTXV</b> 106.9 MO Jefferson City 334	1029 <b>KCMO</b> 94.9 MO Kansas City, local ad 449
1030 <b>KWVR</b> 95.7 MO Mexico, local ads 328	1037 <b>KOKR</b> 96.7 AR Newport, local ads, phone # (#2) 251
1054 <b>KQRC</b> 98.9 KS Leavenworth, "The Rock," KC ads 449	1103 <b>KYYS</b> 99.7 MO Kansas City, legal ID 446
1115 <b>KDVV</b> 100.3 KS Topeka, "Topeka's Rock Street, V-100," local WVRV-KY off 514	1119 <b>KGMY</b> 100.5 MO Aurora, "My Country" 369
1126 <b>KTXR</b> 101.3 MO Springfield, calls 328	

#1- New to the air, not in 17th FM Atlas. Might have changed calls since coming on the air.  
 #2- Many mentions of "B96.7" and "The B," call change? Gave phone # 523-5891 which matches KOKR in the Broadcasting Yearbook.



**Glenn Lavender**  
 12301 Durango Ave.  
 North Port, FL 3428  
 dglav@hotmail.com  
 EDT

Realistic STA-720 tuner, indoor dipole w/FM booster.

After rejoining the WTFDA 3 months ago, I finally decided to send in some loggings. Unfortunately, there's nothing incredible to report, just some tropis I logged in June and July.  
 A brief intro: I'm 36 and have been DXing since 1976 on MW and SW, seriously on FM since '86, with a couple of 2 year hiatuses. I recently rejoined WTFDA and got interested in FM DX this

**Southern FM DX**

Lavender continued

spring. I've moved around south Florida the past few years, so I've got a logbook for each QTH...most recent is Venice, tho I now live in North Port, 12 miles SE. Anyway, on with the loggings.

**6/18 Tr**

0529	WTVY	95.5	AL	Dothan, k, frequent IDs, tri-state wx
0541	WRRX	97.7	FL	Micanopy, r, "97X," qrm from WXTB 97.9 Clearwater
0552	WSHF	99.3	FL	Panama City, r, "She FM"
0558	WFLU	104.9	FL	Havana, soul, legal ID dual qth Havana/Tallahassee
0601	WQIK	99.1	FL	Jacksonville, qth, wx
0605	WMGR	97.3	GA	Bainbridge, r, ID, wx, "Magic 97"
0624	WPBH	94.5	FL	Panama City, "Beach 94.5,"
0626	WRJM	93.7	AL	Geneva, rel, ID

**7/1 Tr**

1653	WAIL	99.5	FL	Key West, r, ID, "Keys Rock Station"
1701	WWUS	104.7	FL	Big Pine Key, Hooters spot, reggae/island mx

**7/3 Tr**

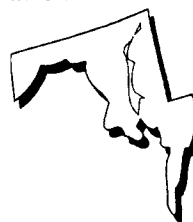
0637	WMGF	107.7	FL	Orlando, traffic rpt, "Magic 107.7, the Space Coast's music station"
2033	WOSM	103.1	MS	Ocean Springs, rel t, ID, wx for Moss Point, Ocean Springs and Pascagoula

Oddly, no other tropes noted to the W, Panama City and Mobile stations absent.

**7/4 Tr**

0414	unID	103.3	??	??, request # 1-800-766-3252, k, good sig, WDUV 103.5 QRM
0452	unID	103.3	??	??, same k station, "The hot new country"
0502	KAJN	102.9	LA	Crowley, jingle, rel

That's all. Looks like I missed out on all the Es this season. Congrats to all of you who got the 1500+ mile Es. I'm hoping for some decent tropes here this fall. 73's and best of DX to all.



**Gus Mancuso**  
5615 Inwood St.  
Cheverly, MD 20785-1120  
(301) 773-3072  
EDT

**7/10 Tr**

0459	WSDL	90.7	MD	Ocean City, //WSCL 89.5 Salisbury, new station
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**8/5 Tr**

2145	WRKS	98.7	NY	New York, o/WMZQ on W side of Baltimore Beltway, had to hold for 5 miles until I re-
------	------	------	----	--

**November 1998**

entered "the triangle" on s side to count

**8/16 Tr**

0010	WDIS	88.1	MD	Oxon Hill, null on WJHU and WMUC off, pirate (#1)
------	------	------	----	---

#1- This pirate station was featured on the front of 8/14 Washington Post style section. Fantastic catch! Station broadcast from a department store, like broadcasters did 75 years ago, 3 hour show each day with was repeated 7x. Store's (Discount-Mart) own ads are only spots. Style of ads reminiscent of 1960's urban stations. Items advertised included ladies clothing from \$2.99 and 5 cent a minute long distance phone cards. Also, "turn in your unused or broken pagers for cash." Apparently someone at the FCC reads the Post, as this 10 watter was shut down a couple of days later.

**Eric Bueneman**  
NOUIH - 631 Coachway Lane - Hazelwood, MO  
63042-1347 - (314) 839-9751 (prepaid only) -  
NOUIHEric@aol.com, EricB631@juno.com -  
http://members.aol.com/nouiheric/k-index.html  
CDT

Realistic STA-90, Archer VU-110 antenna with Archerrotor at 33' AGL. Miles/kilometers.

**8/20 Tr**

0033	WTMX	101.9	IL	Skokie, "The Mix," modern AC, Chicagoland ads, through WQQZ 280/451
0044	WUSN	99.5	IL	Chicago, "US99," hot k o/WQCY/WKQD 270/435
0045	WLEY	107.9	IL	Aurora, "La Ley," Tejano mx, slight ACI from KSLZ 107.7 235/378
0050	WCKG	105.9	IL	Elmwood Park, local ads, concert promo, contest, ID, classic r 270/435
0104	KMZU	100.7	MO	Carrollton, "The Farm," wx, local ads 200/322
0325	WONU	89.7	IL	Kankakee, Bible teaching pgm o/KYMC 210/338
0335	WACF	98.5	IL	Paris, ad for IL Power, through KTJJ 145/233
0428	WBCL	90.3	IL	Fort Wayne, CCM, promo, calls 320/515
0618	WGTZ	92.9	OH	Eaton, "Z-93," local ads, w/ WNDU 320/515
0622	WNDU	92.9	IN	South Bend, "U-93," local ads, CHR 300/483
0651	WNWN	98.5	MI	Coldwater, "Win 98.5," local ads k, o/KTJJ 355/571
0702	WRVF	101.5	OH	Toledo, "101.5 The River," nx, local ads, soft AC 415/668
0806	WWTN	99.7	TN	Manchester, Nashville ads, "Super Talk 99-7 WTN" 320/515
0808	WSIX	97.9	TN	Nashville, nx, calls, morning show, slight ACI from KYKY 98.1 270/435
2347	WAZY	96.5	IN	Lafayette, "96 WAZY," AC, local promo/ads, wx, ACI KIHT 96.3 225/362

**Southern FM DX**

Bueneman continued

2352	WIBW	97.3	KS	Topeka, "97 Country," local ads/ PSAs, ACI from KKOK 97.1 285/459
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Chicago was the major surprise of this opening, as WTMX-101.9 was heard over WQQZ, so I checked the dial to hear three other Chicagoland stations, including longtime DX target WUSN-99.5. Since 107.9 has become a very productive adjacent channel, I was able to bag WLEY, the only Spanish station heard on this opening. Mostly TV stations were received in this opening, but I was able to pull in my first FM from Michigan, in the form of WNWN-98.5. I also pulled in my first NW Ohio station, in the form of WRVF-101.5 (the mention of sister station WSPD-1370 gave it away!). The area expanded into Kentucky and Tennessee by 0800, pulling in two stations from Music City, U.S.A. The opening is still going as of 1800 CDT, mostly on TV.

**8/21 Tr**

0010	KXUS	97.3	MO	Springfield, "The Rock Station, US-97," AOR, ACI from KKOK 97.1 285/459
0012	KSAJ	98.5	KS	Abilene, "Good Time Oldies 98.5," o, w/WACF/KTJJ 365/587
0015	WRZA	99.9	IL	Kankakee, "La Romantica," SS, o/KFAV 210/338
0020	WYAA	102.3	IL	Crete, urban Gospel mx // KSTL 690, ACI from KEZK 102.5 235-378
0041	KYYS	99.7	MO	Kansas City, "99-7 KY," AOR, o/KTTR, ACI from KFAV 99.9 225/362
0134	WKIO	92.5	IL	Urbana, "Oldies 92," o, slight ACI from WIL 92.3 155/249
0150	KGBX	105.9	MO	Nixa, hot AC, local ads, legal ID w/Springfield, ACI from KPNT 105.7 200/322
0159	KTXR	101.3	MO	Springfield, "The Gentle Giant," AC/EZL, legal ID, NBC nx 190/306
0227	KIYS	101.9	AR	Jonesboro, "101.9 Kiss FM," "All Night Cafe" // WDBR 103.7, JHR 200/322
0237	KZLE	93.1	AR	Batesville, "93-1 The Max," AOR 220/354
0247	KJEZ	95.5	MO	Poplar Bluff, classic r, calls, in WFUN null 140/225

More where that came from...two more Chicagoland stations made it in, as WRZA-99.9 made it in with the Spanish version of a "love songs" show, like similar shows on English-speaking radio (which takes several titles, including "Pillow Talk"). Also, WYAA-102.3 made it in with it's distinctive Urban Gospel format (the politically correct name for "Black Gospel"), which isn't found much on FM in the Midwest. Also noted KJEZ-95.5 at this location for the first time since WFUN returned to the air in '93.

**8/21 Tr**

1713	WASK	98.7	IN	Battle Ground, "Cool Oldies, Cool AM & FM," o // WASK 1450 225/362
1730	WAMZ	97.5	KY	Louisville, "97 WAMZ," local ads, k 250/402
1736	WRRM	98.5	OH	Cincinnati, "Warm," local ads, soft AC, mixing w/WACF 320/515
1750	WTYE	101.7	IL	Robinson, legal ID // w/WTAY 1570, local ads, AC 145/233
1841	WAKW	93.3	OH	Cincinnati, "New Life 93," Bible teaching, o/KNSX 320/515
1843	WNAP	93.1	IN	Indianapolis, "The Buzzard," local ads, legal ID, classic hits

**November 1998**

1850	WZPL	99.5	IN	240/386 Greenfield, "99 & a half, ZPL," hot AC, o/WKQD 260/418
1858	WPGU	107.1	IL	Urbana, "107-1 The Planet," local ads, legal ID, modern r 155/249
1902	WDJX	99.7	KY	Louisville, "DJX," CHR, o/WSHW 250/402
2351	WGLD	104.5	IN	Indianapolis, local ads, calls, o, o/WFMB 240/386
2354	WKRQ	101.9	OH	Cincinnati, "Q-102," promo, CHR, o/WQQZ 320/515

**8/22 Tr**

0000	WEBX	93.5	IL	Tuscola, "93-5 The Web," AOR, slight ACI from KSD 93.7 135/217
0008	WVMX	94.1	OH	Cincinnati, "Mix 94-1," local ads, promo, hot AC, o/WMIX 320/515
0013	WWKI	100.5	IN	Kokomo, "Hot Country 100.5," national anthem, legal ID, hot k 255/410
0017	WNJY	102.9	IN	Delphi, "Oldies 103," local ads, o, o/WSOY/KEZS 235/378
0027	WTLC	105.7	IN	Indianapolis, "TLC," local ads, promo, R&B, thru KPNT 240/386
0030	WPFB	105.9	OH	Middletown, "Hot Country 105.9," hot k, w/WWIP 310/499
0031	WWIP	105.9	IN	Wabash, "Oldies 106," local ads, o, w/WPFB 280/451
0042	WINN	106.1	IN	North Vernon, "Oldies 106.1," o, semi-local WSMI off 265/426
0046	WTPI	107.9	IN	Indianapolis, AC/jazz, legal ID, slight ACI from KSLZ 107.7 240/386
0101	WMRI	106.9	IN	Marion, "The Easy One," CNN nx, wx, AC/EZL 290/467
0105	WRZQ	107.3	IN	Greensburg, "Q-Mix 107.3," hot AC, no WDDD/WDKR 270/435
0150	WSYW	107.1	IN	Danville, "Smooth Jazz 107.1," contemporary jazz 220/354
0157	WGRL	93.9	IN	Noblesville, "93.9 The Bear," local ads, hot k 250/402
0200	WVXR	89.3	IN	Richmond, legal ID, BBC nx 305/491
0211	WVXI	106.3	IN	Crawfordsville, BBC nx // WVXR 89.3, ACI from WKKK 106.5 205/329
0220	WEBN	102.7	OH	Cincinnati, AOR, calls, local ads, ACI from KEZK 102.5 320/515
0235	WIHN	96.7	IL	Normal, "I-97," Howard Stern promo, AOR 145/233
0250	WCZQ	105.5	IL	Monticello, calls, classic k, slight ACI from KPNT 105.7 130/209
0252	WGKC	105.9	IL	Mahomet, calls, classic r, clean separation from KPNT 145/233

Well, what can I say? 25 new stations added in a nine-hour period! It all started with WASK-98.7 poking in through WNNs with Oldies, simulcasting WASK-1450 in nearby Lafayette, IN. At the same time, Louisville TV stations were coming in with clear pictures, so I thought I'd try 97.5, and, just my luck, WAMZ shows up! WDJX also made it in from Louisville, and the opening expanded into southwestern Ohio later on. I also was able to get some of the low-power Illinois stations, too, with WTYE-101.7 poking through KLPW. The big surprise was WTLC-105.7 poking through KPNT with it's R&B format. Makes me glad I

**Southern FM DX**

Bueneman continued

bought the VU-210XR! 36 new stations have been added to the log in the span of 72 hours!

**8/27 Tr**

- 2308 WDRM 102.1 AL Decatur, "Country 102," Huntsville ads, k 340/547
- 2312 WBVN 104.5 IL Carriers Mills, "Today's Christian Music," satellite CCM w/WFMB/KSLQ 100/161
- 2328 WWEZ 97.5 TN Trenton, "EZ 97.5," soft AC, o/WHMS 2005/330
- 2345 WUSY 100.7 TN Cleveland, k. Chattanooga mention, "US 101," o/KGMO/KZMM 395/636
- 2347 WZRR 99.5 AL Birmingham, "Classic Rock 99.5," classic r 415/668

**8/28 Tr**

- 0008 WRSA 96.9 AL Decatur, "Beautiful 97," promo, EZL, slight ACI from KXOK 97.1 340/547
- 0034 WODL 106.9 AL Birmingham, "Oldies 106.9," Troy AL mention, o, o/WWYN 415/668
- 0100 WCBF 102.1 KY Clinton, legal ID, o// WDXR 94.3 160/258
- 0109 WTAK 106.1 AL Hartselle, "Classic Rock 106.1," Huntsville mention, classic r 355/571
- 0117 WZBQ 94.1 AL Carrollton, "94-1 ZBQ," CHR, o/WMMX 400/643
- 0215 WCVQ 107.9 KY Fort Campbell, "Q-108," hot AC, slight ACI from KSLZ 107.7 225/362
- 0230 WSYE 93.3 MS Houston, "Sunny 93.3," soft AC o/KNSX/WKYQ 340/547
- 0246 WJMI 99.7 MS Jackson, "99 Jams," urban contemporary, w/WMC/WWTN 440/708
- 0300 WKNP 90.1 TN Jackson, legal ID // WKNO Memphis, USA News 235/378
- 0302 WMBW 88.9 TN Chattanooga, Bible reading, light CCM, slight ACI from WSIE 88.7 385/620
- 0315 WWKZ 105.3 MS Aberdeen, "KZ-105," CHR, w/ KYMO 355/571
- 0340 WNRQ 105.9 TN Nashville, "The Rock at 105.9," classic r (x-WLAC) 270/435
- 0345 WQLT 107.3 AL Florence, "Great Classics, Q-107," wx, ads, AC/o, o/WDDD 310/499
- 0403 WWTN 99.7 TN Manchester, "WTN," Nashville nx, o/WMC 320/515

The saga continues...with a new state added to the FM logbook, that being Mississippi. More Alabama stations were added to the logbook, and even logged a pair of ex-locals (from my days in suburban Atlanta) in the forms of WUSY-100.7 and WMBW-88.9. The biggest surprise was WJMI-99.7, my first FM from the Jackson area. Most of the Alabama stations heard here were regulars during the four years I lived in Georgia (1988-92). Even a new Illinois station, WBVN-104.5, was heard, it is IL #101 from here.

**9/31 Tr**

- 0324 KGBX 105.9 MO Nixa, hot AC, calls, morning show promo, slight ACI from KPNT 105.7 200/322
- 0330 WDML 106.9 IL Woodlawn, classic hits, calls, o/semi-local KTXY 80/128

**9/1 GwTr**

- 0355 KXOK 97.1 MO Florissant, modern r, "The Point," // KPNT 105.7, format change 2/3
- 0403 WKYQ 93.3 KY Paducah, calls, hot k, \$, o/semi-

**November 1998**

local KNSX 155/249 Effingham, local ad, wx, calls, k, o/KWWR, ACI from WFUN 95.5 105/169

Mostly stations in the 150-200 mile range on this one, but I did note a couple of stations that I rarely hear due to semi-locals parked on their frequencies. WDM-106.9 is rarely noted here due to KTXY (even though the latter is 20 miles more distant), and WCRC-95.7 was in over regular KWWR, even with WFUN-95.5 on the air. WKYQ-93.3 has been the most frequent station to come in over semi-local KNSX. Also giving KNSX fits all summer is WPBG. KXOK-97.1 has dropped it's Urban AC format, it apparently has been either purchased or LMAed by Sinclair Communications, who own WIL-92.3, KIHT-96.3, WVRV-101.1 and KPNT-105.7, along with WRTH (AM 1430) and KDNL-30. 97.1 is now simulcasting KPNT.

**9/2 Tr**

- 0323 KTOZ 95.5 MO Pleasant Hope, "Z-95.5, The Edge," modern r, in WFUN null 190/306
- 0329 KJTY 88.1 KS Topeka, "Joy 88," local promos, CCM, o/KDXX 285/459
- 0337 KKLH 104.7 MO Marshfield, calls, classic hits, ACI from KMJM 104.9 160/258
- 0340 KNLH 91.9 MO Marshfield, "New Life Network," CCM, o/WUIS/WSIU 160/258
- 0352 KWTO 98.7 MO Springfield, "Rock 99," classic r, Imus promo 190/306
- 0401 KAKU 90.1 MO Springfield, AFR nx, PSAs, CCM, o/KKFI 285/459
- 0405 KBUZ 90.3 KS Topeka, AFR, CCM, w/KGNN 285/459
- 0409 KADI 99.5 MO Republic, calls, jingle ID, CCM 200/322
- 0415 KGMV 100.5 MO Aurora, "My Country 100.5," k, slight ACI from KATZ 100.3 220/354
- 0418 KHTO 106.7 MO Mount Vernon, "Hot FM," CHR, ACI from WKXK 106.5/KTXY 106.9 215/346
- 0423 KOSP 105.1 MO Willard, "Oldies 105.1," ads, wx, o, ACI from KMJM 104.9 200/322
- 0445 KMXL 95.1 MO Carthage, "Lite Mix 95.1," soft AC, o/KTKS 240/386
- 0510 KRNW 88.9 MO Chillicothe, "NPR This Morning," lost at KCLC 89.1 s/on at 0530 180/290
- 0540 KCMO 94.9 MO Kansas City, "Oldies 95," o, ACI from KSHE 94.7 225/362
- 0542 KCTG 92.9 MO Ozark, "Coyote Country," local ad, k, o/KGRC 195/314
- 0552 KDKD 95.3 MO Clinton, calls, k, Missouri FMer #100 from this location 185/298

This opening featured a lot of lower-powered Springfield area stations (even 6 kW KADI-99.5 made it in), as well as other parts of western MO and eastern KS. WFUN-95.5 and KDXX-88.1 were nulled down to hear KTOZ and KJTY, respectively. Station #100 made it in from the Show-Me State in the form of KDKD-95.3. Still, Missouri continues to be my second most productive FM state (after Illinois, with 102 stations logged, including call letter changes).

**9/29 Tr**

- 1000 Springfield MO 91.1, 97.3, 98.7\$, 101.3 190/306
- 1013 KGBX 105.9 MO Nixa, Springfield ads, calls, hot AC 200/322
- 1032 KGMV 100.5 MO Aurora, "My Country 100.5," local ads, k, ACI from KATZ 100.3 220/354
- 1145 KHOZ 102.9 AR Harrison, wx, calls, k, w/KMMO/KEZS 230/370

**Southern FM DX**

Bueneman continued

A nice opening into southwest Missouri and northwest Arkansas, with Springfield stations coming in all over the dial (KWTO-98.7 was the only one heard in Stereo). KHOZ-102.9 was a big surprise...haven't heard them in ages! Other FM and TV stations were in from the same area. 73, Eric (NOUIH)

Pat Dyer - WA5IYX  
5315 Silvertip Drive  
San Antonio, TX 78228-2744  
<http://home.svbells.net/pjdye/index.html>  
pjdye3@juno.com CDT

Realistic TM-1001 tuner (two IF mod w/150 kHz filters) into Allied 426. 52 ohm step-attenuator box used to reduce local intermod/overload when needed. 6 element Archer antenna at 20' with rotor.

- 7/3 Es 1615 KSSD 92.5 UT Cedar City, ID 1020
- 1621 KSNM 93.5 UT St. George, "Sunny 93" 1012
- 7/4 Tr 1600 XHSRO 92.5 NL Monterrey, "Stereo Rey" 282
- 7/4 Es 1622 XHRJ 92.5 MX Toluca, town ID 700
- 1627 XHGRC 97.7 GR Acapulco, town ID 870
- 1629 XHIMER 94.5 DF Mexico City, cx 690
- 7/5 Tr 0942 KRUF 94.5 LA Shreveport, "The Big Dog" 354
- 1011 KZMZ 96.9 LA Alexandria, ID 388
- 1030 KWJM 92.7 LA Farmville, area PSA 432
- 1059 WCKW 92.3 LA LaPlace, ID 473
- 7/9 Es 1005 WVOH 93.5 GA Hazelhurst, ID 966
- 1022 WRBA 95.9 FL Springfield, area ad 779
- 1025 WPBH 94.5 FL Parker, local ad 801
- 1026 WQPW 95.7 GA Valdosta, "Mix 96," Georgia lottery 929
- 1032 WKQL 96.9 FL Jacksonville, "Cool 96.9" 1022
- 1114 WFSY 98.5 FL Panama City, "Sunny" 787
- 1119 WKTK 98.5 FL Crystal River, "KTK" 965
- 1125 WEBZ 93.5 FL Port St. Joe, area ad 801
- 1710 WCEN 94.5 MI Mt. Peasant, "CEN" 1251
- 1724 WAIR 92.5 MI Atlanta, ID 1325
- 1732 WMRX 97.7 MI Beaverton, area ad 1261
- 1835 WBRB 93.7 IN Walton, ID 1046
- 1835 WJLB 97.9 MI Detroit, ID 1241
- 1842 WZWZ 92.5 IN Kokomo, "Z-92.5," area ad 1033
- 1846 WXLK 92.3 VA Roanoke, "K-92" 1188
- 1849 WINC 92.5 VA Winchester, "Wink FM" 1341
- 1857 WIKY 104.1 IN Evansville, "Wick" 863
- 1900 WPAY 104.1 OH Portsmouth, ID 1095
- 1904 WOZZ 93.5 WI New London, ID 1178
- 1905 WNCI 97.9 OH Columbus, ID 1142
- 1910 WRVQ 94.5 VA Richmond, phone # 345-94FM 1340
- 1915 WCOL 92.3 OH Columbus, ID 1141

**November 1998**

- 1928 WJPD 92.3 MI Ishpeming, Brewer bb 1321
- 1928 WHWL 95.7 MI Marquette, rel 1322
- 1937 WCJO 97.7 OH Jackson, area ads 1123
- 1945 WMTZ 96.5 PA Johnstown, "The Mountain" 1340
- 7/11 Tr 0028 WCKW 92.3 LA LaPlace, ID 473
- 7/12 Es 1651 KTHQ 92.5 AZ Eagar, area ads 724
- 7/15 Es 1739 XHGL 97.7 YU Merida, area ad 800
- 1741 — 88.9 BZE Belize City, local nx 1080
- 7/16 Tr 0935 XHSRO 92.5 NL Monterrey, "Stereo Rey" 282
- 7/23 Es 0702 WKBL 93.5 TN Covington, area ad 671
- 7/23 Tr 0707 KOYN 93.9 TX Paris, ID 353
- 0712 KCKR 95.7 TX Waco, "Kicker," x-95.5 164
- 7/26 Es 2147 WTBX 93.9 MN Hibbing, ID 1273
- 2150 WQPM 106.1 MN Princeton, area ad 1132
- 2151 WEVE 97.9 MN Eveleth, ID 1273
- 2159 KSCR 93.5 MN Benson, ID 1108
- 2204 KMFY 96.9 MN Grand Rapids, ID 1260
- 2205 KRCQ 102.3 MN Detroit Lakes, ID 1208
- 2206 KTCC 98.9 MN Duluth, "New Country," 1247
- 2209 KRAQ 105.7 MN Jackson, ID 998
- 2211 KMXX 94.9 MN Cold Spring, o, area ad 1124
- 7/26 Tr 2300 KEMK 105.9 TX Round Rock, r 76
- 7/27 Tr 0051 KZMZ 96.9 LA Alexandria, local ad 388
- 7/29 Es 0757 KQMA 92.5 KS Phillipsburg, area wx 703
- 1625 KQRS 92.5 MN Golden Valley, ID 1118
- 1627 KDAL 95.7 MN Duluth, ID 1246
- 1628 WIRN 92.5 MN Buhl, MN Public Radio 1284
- 1630 WEVE 97.9 MN Eveleth, ID 1273
- 1634 KTCC 98.9 MN Duluth, "Kat Country," 1247
- 1638 KMFY 96.9 MN Grand Rapids, ID 1260
- 1639 KMXX 94.9 MN Cold Spring, "Oldies 94.9" 1124
- 1735 WKHY 93.5 IN Lafayette, "KHY" 1000
- 1802 WYCA 92.3 IN Hammond, area ads 1044
- 1806 WLAV 96.9 MI Grand Rapids, ID 1182
- 1811 WLHT 95.7 MI Grand Rapids, "W-Lite" 1178
- 1816 WOOD 105.7 MI Grand Rapids, "Easy 105.7" 1167
- 1819 WKFR 103.3 MI Battle Creek, "KFR" 1156
- 1821 WXCD 94.7 IL Chicago, "CD-94.7" 1053
- 1837 WCBR 92.7 IL Arlington Heights, ID 1056
- 1839 WNIZ 96.9 IL Zion, cx 1080
- 1919 WOZZ 93.5 WI New London, ID 1178
- 7/31 Es 1115 KLZY 92.5 WY Powell, area ID 1189
- 1151 KTAG 97.9 WY Cody, local ad 1189
- 1222 WKRR 92.3 NC Asheboro, rk, Carolina ID 1174
- 1235 WTRR 104.1 NC Winston-Salem, area ad 1157
- 1236 WWSK 107.1 SC Mullins, area ad 1193
- 1237 WJFZ 104.1 GA LaGrange, area ad 855
- 1239 WZFX 99.1 NC Whiteville, Fox/WB50 ad 1213
- 1241 WXBQ 96.9 TN Bristol, area ad 1067
- 1241 WTWX 95.9 AL Gunterville, Limbaugh 796
- 1243 WRDU 106.1 NC Wilson, "RDU" 1262
- 1246 WLJA 93.5 GA Ellijay, ID 899
- 1248 WTFM 98.5 TN Kingsport, ID 1046
- 1248 WXCC 96.5 WV Williamson, ID 1095
- 1249 WPAY 104.1 OH Portsmouth, ID 1095
- 1254 WSIP 98.9 KY Paintsville, local ad 1073
- 1256 WGKS 96.9 KY Paris, "Kiss," area ads 1011

**Southern FM DX**

Dyer continued

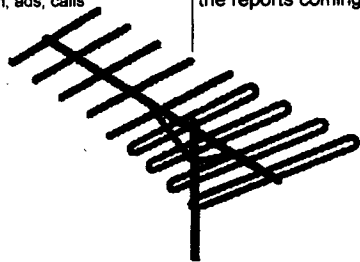
1258 WRRR	93.9	WV	St. Marys, local ad	1202
1259 WBTQ	93.5	WV	Buckhannon, ID	1244
1309 WWSW	94.5	PA	Pittsburgh, "3WS"	1294
1324 WSUY	96.9	SC	Charleston, local wx	1140
1328 WKIX	96.9	NC	Goldboro, "Kix 97"	1232
1332 WHLZ	92.5	SC	Manning, "Wheels"	1130
1332 WVOH	93.5	GA	Hazlehurst, area ad	966
1333 WDOG	93.5	SC	Allendale, area ad	1048
1338 WIIZ	97.9	SC	Blackville, area ad	1046
1338 WVXM	97.7	SC	Georgetown, area ad	1184
1341 WYAV	104.1	SC	Myrtle Beach, "Wave 104"	1184
1408 WKDD	96.5	OH	Akron, ID	1254
1426 WVKs	92.5	OH	Toledo, "Kiss FM"	1183
1452 WAIR	92.5	MI	Atlanta, local ad	1325
1459 WBAW	99.1	SC	Barnwell, ID	1048
1503 WBCM	93.5	MI	Boyer City, area ID, "TCM"	1325
1717 KTHQ	92.5	AZ	Eagar, k, ID	724
1723 KSNX	93.5	AZ	Show Low, ID	747
1724 KLUC	98.5	NV	Las Vegas, area ad	1054
1728 KJUL	104.3	NV	North Las Vegas, EZL, ID	1079
1805 KWST	94.5	CA	Brawley, ID	1026
1809 KBZT	94.9	CA	San Diego, "K-Best"	1126
1810 XETRA	91.1	BCN	Tijuana, area traffic, "91-X"	1112
1813 XHRM	92.5	BCN	Tijuana, area ad	1111

A mostly slow July for Es that "exploded" in the last few days. The 105.9 in Round Rock debuted by playing a 5 minute tape loop of some LBJ speeches (with overdubbing) for some 24 hours! One had to wonder what the logic in that was. Waco 95.5 moving to 95.7 had the net result of me now having two country formats on that spot (the other being from Houston) to contend with in trying to DX. 73, Pat - WA5IYX



**JIM PIZZI**  
**814 BROOKHILL DR.**  
**PASO ROBLES, CA 93446**  
**PDT**

6/29 Es  
 1233 KHTZ 94.5 ID Hayden, ads, calls



**November 1998**

1235 KKZX	98.9	WA	Spokane, calls
7/10 Es			
2116 CFHM	95.9	AB	Calgary, ads
2118 CKIS	96.9	AB	Calgary, ads, "Stampede Tradition"
7/13 Es			
1954 KWEY	97.3	OK	Weatherford, calls, k
1955 unID	92.7	??	??, g
1957 KPZY	100.9	TX	Amarillo, "PeeVee FM," ads, SS
2001 KRKZ	93.5	OK	Altus, ID, "Z-93.5"
2002 KKSS	97.3	NM	Santa Fe, Albuquerque ment, "Kiss FM"
2002 KOMXt	100.3	TX	Pampa, k
7/19 Es			
1908 KMPS	94.1	WA	Seattle, k
8/12 Ms			
0010 KYFO	95.5	UT	Ogden, rel
0016 KYQT	95.5	AZ	Phoenix, j
0032 unID	95.5	??	??, "Magic" a
8/13 Ms			
2349 KGRWt	94.7	TX	Frona, Tex-Mex mx

A few new this year. Not much time to DX. (Jim, KFOX 96.5 is in Bakersfield, your 7/19 catch-jz)

From the Editor



Great turnout with some great catches! Now's the time to expect the unexpected.....and around here this year, DX is unexpected, hi. Been extremely dry in these parts, but hopefully with a little moisture I may get some tropes this fall.

My apologies for not having a column in the October VUD. It arrived in Buffalo after the VUD had gone to the printer, even tho it was mailed before the deadline. Good old USPS!

Thanks for your great support of SFM....keep the reports coming!

**EASTERN TV DX**

**Russell Miller**  
**HC 61, Box 86B**  
**N. Amity, ME 04471-9622**  
 email address - estvdx@ainop.com

November, 1998

LOCAL TIME UNLESS OTHERWISE NOTED

Bob Seybold, 1865 W. Main Rd., Silver Creek, NY 14136

September has brought some real good tropes to this area. Sept. 6 to 8 was excellent, also week starting Sept. 13<sup>th</sup> with tropes every day that week except the 15<sup>th</sup>. Two openings reached Minnesota, one into S. Dakota and Nebraska, one into Tennessee, Arkansas and Kentucky and Alabama. Couple openings to east to Conn., eastern N. Y. and Mass. and Vermont, also to Montreal and Quebec. Some signals were super strong. Some details Sept. 13<sup>th</sup> morning and evening tropes: W30AN Williamsport (new); KYPX 42 Little Rock (new); WEMT 39 (Tenn); WYMT 57 (KY); KSAX 42 (Minn.); WMTU 16 (Tenn); WUXP 30 (Tenn); Lexington U's; Pikeville 22; Moorhead 38; Alabama 15 & 48; Cadillac 9 & 33; Sault Ste. Marie 10; Sudbury 5, 9 & 19; Mt. Pleasant 14; North Bay 10; several Canadian's to north; Charleston, Huntington, W. Va. V's & U's. Sept. 14<sup>th</sup>: Indiana U's; great to east — Conn. 20 & 30; Plattsburgh 57; Alamo 19; Albany 23; Montreal 35; Quebec 15; Ottawa U's; Hull 30; Watertown, Norwood U's super, Poughkeepsie 54; Syra-U's and V's very strong; Binghamton 34 strong; Rochester 40 strong; Rochester 47 (rare); Utica 20 strong; Vermont 41, 33; Pittsburgh 53 super strong; Terre Haute 38 strong; Louisville, Cambridge, Lima; Meadville 52; Newark, Ohio 51; Battle Creek 43. Sept 16-18 tropes good through period Canadian to north and northeast good, eastern and northern NY; Indianapolis, Ft. Wayne, South Bend U's; Lafayette 18; Indy 23; Angola 63; Michigan U's - Grand Rapids, Battle Creek; Lansing, Saginaw, Mt. Pleasant U's; Penns U's; W. Va. (western 1/2) U's and V's. Also logged W51BA51 Syracuse in one of the super openings to east and Tennessee V's. Now to period Sept. 6<sup>th</sup> to 8<sup>th</sup> — great into Minnesota, Nebraska and South Dakota (16) also Wisconsin 55, 18 & 58 and several unids; KMC138 Lawrence, Ks (new) KWEM20 (Minn); KLKE24 (Nebraska); KXNE19 (Nebraska); Illinois and Indiana U's; Rockford U's; Believe Iowa U's were there but had to leave for work and errands at the time. 73's Bob

Fred Nordquist — nordquis@hotmail.com

Thanks Doug for the ON IDs on ch 21/67 (CFTO-TV-21, Ch-21 Orillia, CHCH-TV-3, Ch-67 Severn Falls [RM]). I finally got power at my QTH (Clay - a few miles north of Syracuse) Friday PM after the 115mph Derecho stormed thru Central NY at 1:17am Labor Day. Stats on the storm: 2 killed/250,000 without

power, 100 lightning strikes per minute, 870 utility crews called to help restore power, Onondaga County declared a disaster area. Worst storm I ever experienced and it was comparable to an F2 Tornado (but over 6 miles wide and over 15 minutes long). Both the UHF Dish and FM Antenna pole masts bent at clean 90 degree bends as they were laid down on the roof. Fortunately I had the UHF dish facing the storm (west) and it laid down on the roof with no damage. The SP9 snapped cleanly in two. Saturday, it took a couple of hours to cut the pole masts, reconnect the SP9 halves with wood dowel and fastening hardware, and remount both antennas (lost about 2' AGL ht.). The 2 long wires amazingly survived the storm. In fact one of the long wire pipe weights traded trees as the original tree was uprooted. So I'm back in the DX business. Ch 36 - ON CTS noted with TP to west with religious music today. Fred Nordquist

Dave Nieman, Ho Sta Geh Rd., Rock City, NY 14749

Equipment: Teknika 6510 tuner into a RCA 13" TV plus an ICOM IC-R7000 with TV-R7000 TV receiver adapter. Channel Master 3617B VHF antenna at 15 feet AGL, on a Radio Shack rotor, Beldon RG-6 coax feed into a Winegard FT-7600 FM trap (set to trap 95.7 MHz) and Winegard DA-205 distribution amp. Antennacraft P-7 UHF antenna at 36 feet AGL on a Alliance HD-73 rotor, Winegard PA-4975 preamp and Beldon RG-11/u coax feed.

All underlined loggings are new. Teknika for VHF and ICOM receiver for UHF reception.

**August, 1998**

23 Tr	0200	<u>W49???</u>	49 ??	???
		America 1 Network	'zero offset'	
	0700	W36BJ	36 NJ	279
	0800	WCAU	10 PA	216
	0807	WJZ	13 MD	208
	0809	WBAL	11 MD	208
	0956	WHYY	12 DE	216
	1100	WEMT	39 TN	472

**September, 1998**

06 Tr	1400	<u>C???</u>	36 ON	Hamilton	108
		(test w/t 3/4 CB 'CTS' LRHC)			

On August 23<sup>rd</sup> I had a channel 49 coming in over WNYO Buffalo with best direction to the south. I seen no ID at the top of the hour, any ideas? The new

channel 36 Hamilton Ontario will start regular programming on September 30<sup>th</sup>; still no call letters seen. Dave

Peter J. Giacomelli, KB2DY, 30 Peconic Dr., Massapequa, NY 11758-8317  
dypete@aol.com  
ms933310@nassaulibrary.org

Equipment: Sony 13" TV Model No. KV1326R  
Supplied rabbit ears antenna

This was my first season TV DX'ing so all loggings are new. (Welcome new reporter [RM])

**July, 1998**

03 Tr 2000 WLNE 6 RI New Bedford 149  
05 Es 1330 WEDU 3 FL Tampa 1015  
07 Tr 2200 WAVY 10 VA Norfolk 299  
2130 WHYY 12 DE Wilmington 126

**August, 1998**

10 Tr 2230 WJAR 10 RI Providence 133  
15 Es 1345 KTVQ 3 MO Kirksville 1006  
Tr 2200 WVEC 13 VA Hampton 292

A special "Thanks" to Michael Bugaj and the members on the IRC Channel # wtdxa for all their assistance. This was quite a memorable "FIRST" season!

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098  
w9wi@bellsouth.net

**May, 1998**

27 Es 1127 KRIS 6 TX Corpus Christi 856  
ID with very distinctive 6

Thanks Danny Oglethorpe for picture which confirmed this!

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

**August, 1998**

07 Tr 0000 WFPT 62 MD 390  
0010 W52AS 52 MD 390  
0015 WCVE 23 VA 467  
0030 W49AV 49 VA S/off 470  
09 Es 1102 CUBA 3 Santa Clara 1440  
15 Es 1100 WDTV 5 WV 545  
1130 KSDK 5 MO 1060  
22 Tr 0015 WTAT 24 SC 779  
0105 WJCL 22 GA 884  
Jerry Springer in color  
0200 WPDE 15 SC 688  
+ E. VA, E. NC  
23 Tr 0900 WEBA 14 SC 824  
WHMC 23 SC 702

**September, 1998**

04 Tr 2300 CBHT7 52 NS 324

04 Tr 2310 CBHT3 11 NS 279  
CBHT6 8 NS 377  
2330 CBHT5 46 NS 377  
2340 CIHF 45 NS 279  
+ 6, 10, 12, 26, 35, 51, & W18AY ME  
07 Tr 0030 WCCB 18 NC 700  
0035 WTVI 42 NC 705  
0105 WHMC 23 SC 702  
0125 W34AX 34 NC 550  
0135 W20AT 20 NC 533  
0300 WXLV 45 NC 635  
0330 WJCL 22 GA 884  
0430 WTAT 24 SC 779  
0440 WMMP 36 SC 779  
0530 WJWJ 16 SC 825  
12 Tr 0900 WHMC 23 SC 702  
WFXB 43 SC 699  
0945 WJCL 22 GA 884  
1000 WJWJ 16 SC 825  
WTAT 24 SC 779  
+ E. N.C.  
15 Tr AM WXOB-LP 14 VA 471  
and W18BS 18 VA 450  
PM WVBN-LP 19 VA 460  
WJHJ-LP 19 VA 460  
W21AQ 21 VA 450  
W24BI 24 VA 460  
W25AA 25 VA 410  
WJHJ-LP 31 VA 440  
W35BH 35 VA 400  
W36BK 36 VA 400  
W40AH 40 VA 450  
W41AC 41 VA 410  
W44AD 44 VA 410  
W45BG 45 VA 456  
W51BH 51 VA 445  
W52AB 52 VA 420  
W56CS 56 VA 450  
WTTD-LP 59 VA 460  
W62CN 62 VA 450  
W63AM 63 VA 420  
WBTD-LP 66 VA 450  
W68BH 68 VA 420  
+ 14 more full power VA  
W18BB 18 NC 490  
WNVN-LP 20 NC 660  
W21BL 21 NC 577  
W34AX 34 NC 550  
W54BR 54 NC 562  
+ 19 more full power NC  
WPDE 15 SC 688  
WTAT 24 SC 779  
100+ stations this date  
16 Tr 0030 W21- 21 - 517.728  
Family Net toward E. VA — who?  
39 WUNJ NC in local quality at the time  
2100 W33AK 33 NH 100  
2330 WNET 17 NY 436  
2335 WJTV 29 NY 436  
2345 CIH 41 ON 468  
CFMT 47 ON Late show 468  
17 Tr 0000 CICA 19 ON 468  
0110 CBFLT 15 ON 383

17 Tr 0110 CBFLT 44 ON 419  
0125 WENY 36 NY 324  
0130 CICO 53 ON 383  
0840 WNYS 43 NY 296  
1000 W29BJ 29+NY  
New WFXV 33 NY XLT.  
1100 WXXI 21 NY 371  
WUHF 31 NY 371  
1125 WIXT 9 NY T  
1130 WUTR 20 NY 257  
WCNY 24 NY 292  
1145 WUTV 29 NY 436  
1150 WNED 17 NY 436  
Not || with WMHT

Thanks to Jeff Kruszka and Danny Oglethorpe on help in identification of my mystery spanish station of Aug. 9. With the 7' dish I tried for M.S. on Ch-16 Aug 10-13, nothing. Russ Miller called me up on two different days to say Buffalo and Toronto coming in, but could not pick them up. Then a day or 2 later, in they come, odd.

William R. Hepburn, Brampton, ON, CAN  
hepburnw@total.net

Equipment: Panasonic PC-29XF40R TV & Icom IC-R1000 Scanner, CM VHF & UHF Yagis @ 47', 10 db RS VHF & 28 db Anteco UHF amps.

No routine tropo relogs under 473 miles.

**August, 1998**

04 Es 1720 KTWO 2 WY 1333  
1727 KOTA 3 SD 1165  
1750 muf 117.6  
1755 KDUH 4 NE 1187  
1800 KFYR 5 ND Bismarck 1042  
calls u/CBLT  
1803 KPRY 4 SD 1009  
1806 KDLO 3 SD 883  
1817 KXMA 2 ND 1142  
1820 KTCA 2 MN T  
1823 KBME 3 ND 1041  
05 Es 1806 muf 94.7  
1810 KXMA 2 ND 1142  
KBME 3 ND 1041  
1811 KTCA 2 MN T  
1816 KPRY 4 SD 1009  
• 1858 KGFE 2 ND 926  
• 1958 KYUS 3 MT Miles City 1282  
(KULR-8 Billings Nx)  
• = automated VCR loggings  
09 Es 1745 KFDX 3 TX 1211  
KJRH 2 OK 992  
1753 KARK 4 AR 914  
1833 muf 6  
1843 DFW 2, 4 TX 1204  
11 Es 2021 KDTN 2 TN 1203  
KJRH 2 OK 992  
KFOR 4 OK 1093  
KFDX 3 TX 1211  
2035 muf 5

12 Es 0016 KQTV 2 (KS) T  
KSNC 2 KS 1051  
Ms 0101 unid 5  
Es 0108 WDAF 4 MO 830  
0203 StL 2, 4 MO T  
0208 KFSM 5 AR T  
KLBY 4 KS T  
0235 KARK 4 AR 914  
0256 WBRZ 2 LA 1115  
1104 muf 3  
1326 WPBT 2 FL 1223  
13 Es 2338 KSNC 2 KS 1051  
14 Tr 0135 WBGU 27 OH 274  
(w/WXL51 NWR SAP)  
0325 W14CK 14 VT Newport 368  
(WVBI-LP, CW ID)  
0401 CHCH-6 32 ON North Bay 183  
(// CHCH-11)  
0449 WPTZ 5 NY 308  
North Pole-Plattsb' (NBC audio, z offset)  
24 Tr 0617 CHRO43 43 ON Ottawa 230  
(CHRO Nx)  
27 Au 0248 hash 2-6, 8, 13  
WI/MI/MN on FM  
30 Es 1856 WPBT 2 FL 1223

**September, 1998**

02 Gw --- C??? 36 ON Hamilton 29  
(testing w/CTS tp)  
06 Tr 0218 KRIN 32 IA s/off 617  
0226 KFXB 40 (WI) T  
0231 WMTV 15 WI 490  
0233 WVCY 30 WI T  
0514 (WCPX) 38 IL (ex-WCFC) 416  
07 Tr 0036 W48AV 48 MI 177  
Pax TV, ex-HSN  
CHWI60 60 ON Windsor 190  
(// CHWI-16)  
10 Tr 2237 KRIN 32 IA 617  
2302 WMTV 15 WI 490  
2323 WPXG 14 WI Suring-Pax TV 427  
11 Tr 0146 KFPX 39 IA 693  
Newton-Des Moines (Worship)  
0256 KVBM 45 MN o/WRGT T  
2349 WMTV 15 WI 490  
2353 WLKY 32 (IN) 483  
12 Tr 0002 WPXR 38 VA Roanoke 447  
Pax TV  
0006 WEMT 39 TN (s/f) 550  
0008 WMSY 52 VA Marion 476  
(// WBRA-15)  
0111 WUNF 33 NC 591  
0113 WPXA 14 GA Rome-Atlanta 696  
Pax then Praise TV  
0114 WUNE 17 NC Linville 536  
UNC tp // WUNF-33  
0205 WFTE 58 IN T  
0227 WUPV 65 VA 429  
Ashland-Richmond (UPN-65 ID)  
14 Tr 0222 WVTB 20 VT St. Johnsbury 395  
(// WETK-33)  
0315 CFTO 21/54 ON both w/WIXT-9  
while CFTO off



# WESTERN TV-DX

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4554  
e-mail frank@horizon.srl.com  
(650)851-7031

November 1998

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for September 1998. Conditions for southern CA tropo on TV-FM (to San Diego/Tijuana, up to 200 mi/320 km) tapered off, somewhat sooner than in past years. By Sept. 20, Autumn-Winter conditions were coming around and tropo deteriorated.

Sep 1 AM: Return to good (after poor day before)  
 Sep 1 eve: Fair  
 Sep 2: Fair (Rain, backlash from Hurricane Isis)  
 Sep 3-4: Very poor  
 Sep 4 eve & Sep 5: None  
 Sep 6: Poor improving to fair (Warming again)  
 Sep 7: Good  
 Sep 8-9 AM Fair (Slight cooling inland)  
 Sep 9 eve to Sep 11: Poor  
 Sep 12: Fair (Warming again)  
 Sep 13: Good  
 Sep 14-15: Fair  
 Sep 16 AM Poor  
 Sep 16 eve - 17: Fair  
 Sep 18 AM Poor  
 Sep 18 eve-19: Variably fair/good  
 Sep 20: Very Poor (Cold weather front, Autumn)  
 Sep 21: None /Winter type, cooling entire state  
 Sep 22-24: Very Poor of CA inland from 100° F  
 Sep 25: None/down to 80° F (upper 20's C)  
 Sep 26-28 AM Very Poor (Remained cool through)  
 Sep 28 eve-30 None/ end of month; coastal areas mild tho' a bit cooler

Fernando Garcia, San Salvador 415, Rincon de la Sierra 67181 Cd Guadalupe, NL, MEXICO

Sony KV-27EXR15, Screened CM 7'dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles.

September 2  
 0700 KDTX 58 TX Dallas 518  
 KXTX 39 TX Dallas 518  
 weak opening to north Texas

September 3  
 0530 KADN 15 LA Lafayette 586  
 0600 KVHP 29 LA Lake Charles 530

September 4  
 0400 KLAX 31 LA Alexandria 618  
 Shop at Home  
 WVLA 33 LA Baton Rouge 633  
 WLPB 27 LA Baton Rouge 638  
 KLPB 24 LA Lafayette 567  
 0415 WUPL 54 LA Slidell 705  
 WNOL 38 LA New Orleans 694

WGNO	26 LA	New Orleans	694
K49DE	49 LA	New Iberia	596
TBN			
K66FI	66 LA	Opelousas	599
TBN			
0430 WPMI	15 AL	Mobile	838
KLTL	18 LA	Lake Charles	548
0515 WMAH	19 MS	Biloxi	770
WEIQ	42 AL	Mobile	825
WPAN	53 FL	Fort Walton B.	869
0530 WHNO	20 LA	New Orleans	688
K59DG	59 LA	New Orleans	688
TBN			
WMPV	21 AL	Mobile	842
0545 WHBR	33 FL	Pensacola	838
0600 WGMB	44 LA	Baton Rouge	633
0615 WFSG	56 FL	Panama City	929
0630 WPXL	49 LA	New Orleans	688
KAJN-LP	40 LA	Lafayette	586
KLAF-LP	62 LA	Opelousas	600
K69HD	69 LA	Church Point	586
0645 WLAE	32 LA	New Orleans	694
K21DM	21 LA	Lafayette	592
VJN			
K65FV	65 LA	Crowley	572
Rel. // KAJN-LP, ch 40			
0730 WXXV	25 MS	Gulfport	764
W29BH	29 MS	Biloxi	757
TBN			
0800 K46DG	46 LA	Lafayette	587
0815 W36AC	36 MS	Mccomb	710
TBN			
K55HA	55 LA	New Iberia	596
0830 KBTR-LP	19 LA	Baton Rouge	642
K65FP	65 LA	Baton Rouge	645
// KBTR-LP, ch 19			
0900 W50CF	50 AL	Mobile	817
VCC Shopping			
K30EM	30 LA	Houma	644
KWBJ-LP	39 LA	Morgan City	618
o/u KHTV			

September 5

0345 WMAU	17 MS	Bude	697
WIIQ	41 AL	Demopolis	877
KETK	56 TX	Jacksonville	532
0400 KPXD	68 TX	Arlington	518
KHSX	49 TX	Irving	518
0600 K67GL	67 LA	Bunkie	614
w/WNTZ-48, FOX 48			
WIAT	42 AL	Birmingham	969
Best opening of the month, to color briefly.			
WDBD	40 MS	Jackson	754
KLPA	25 LA	Alexandria	619
WAPT	16 MS	Jackson	754
0615 WNTZ	48 MS	Natchez	670
0630 WCFT	33 AL	Tuscaloosa	924

14 Tr	0404	WVER	28 VT	Rutland	332
		(// WETK-33)			
15 Tr	0327	WCMH	4 OH	Columbus	305
		(ID @ 0330)			
Ms	0338	unid 4 w/tp			
16 Tr	1532	WIVT	34 NY	ex-WMGC	223
		WICZ	40 NY		223
		(Fox-40, ex-NBC)			
17 Tr	0349	WRNN	62 NY	Kingston	307
		(RNN Regl Nx Net)			
	0358	W62BT	62 OH	Youngstown	184
		(WYFX Fox 40/62 tp)			
	0435	W30AJ	30 NY	Syracuse	186
		(America's Store)			
	0511	W51BA	51 NY	Syracuse	185
		(WPCB-40)			
	0549	W40AM	40 OH	Masury	174
		("WLFX" // W62BT)			
19 Tr	0149	WBQZ	34 NY		192
		(ex-W34BT, Bloomberg)			
	0222	W23BP	23 NY	Watertown	192
		(PIN)			

Es highlight was reception of KYUS-3 Miles City ... Montana brings my state total up to 38. September tropo conditions were excellent. Highlight was the reception of WPXA-14 Rome ... was my first UHF TV from Georgia! (Has WBQZ ever been NBC? [RM])

Eric Voytko, 1721 Dalewood Place, McLean, VA 22101 evoytko@erols.com

Equipment: C/M 6' screened dish, RDX UA900 and CM 1110, both at 20ft. Icom R7100 receiver, Sony KV8 TV

September, 1998

12 Tr	0534	WNYB	26 NY	color, fair	265
	0538	CICO-19	19 ON	TVO slide	349
14 Tr	0529	W68CQ	68 DE	TBN	98
15 Tr	0730	WLTX	19 SC		381
		WACH	57 SC		385
		Charlotte UHF's in super strong @			320
	0740	WMSY	52 VA	very rare	270
		W56AE	56 VA	(WRC-4)	76
	0800	WKPT	19 TN	GMA	315
	0810	WASV	62 NC	"New 62"	384
	0823	WGGG	16 SC	local rel.	392
	0829	WNEH	38 SC	SCETV	412
		WRET	49 SC	// WNEH	372
	0858	WFBC	40 SC	"C-40"	401
	0859	WHSG	63 GA	legal ID	515
	0943	W64AQ	64 VA	(WHSV-3)	89
	1012	WAGT-t	26 GA	see notes	
16 Tr	0600	WPXN	31 NY		216
		WXTV	41 NJ		218
		WWIT	30 CT		306
		WBNE	59 CT		289
		WBPT	43 CT		280
		WLNY	55 NY		271
		WHSE	68 NJ		218
	0629	WTNH	8 CT	local ad	289
	0831	WNYA-LP	38 NY	(WBPT-43)	234

16 Tr	1614	WKPT	19 TN	promo	315
	1629	WEMT	39 TN	Fox 39 kids	357
27 Tr	0824	WWMB	21 SC	loc.ad	363
		WMMP	36 SC	under WUNP	442
		W44AX-t	44 SC	rel. music	
	0829	WSFX	26 NC	floater u/loc.	329
	0832	W34AX	34 NC	thru DTV QRM	183
	0859	WJWJ	16 SC	SCETV	464
		WJPM	33 SC	SCETV s/f	344
	0909	WTAT	24 SC		430
		Fox News show			
	0930	WNEH	38 SC	SCETV	412
		WLTX	19 SC	"News 19"	381

NOTES: 9/15 Best opening of the month with many relogs plus WASV, WGGG and WFBC being a long time on my wish list, and WHSG a major surprise. No other Atlanta U's logged, though not for lack of trying. At one point, something (likely elusive WAGT) floated a 26 through WHAG-25's video while harassing WETA-26 (a five mile local). 9/27 was a typical coastal event here, though with extra distances. Stations reported were the best of this opening.

Russell Miller, HC61 Box 86B, N. Amity, ME 04471

September, 1998

12 Tr	2344	CFMT	47 ON		585
13 Tr	0612	CICA	19 ON	// 24 Ottawa	585
	0628	CIII	41 ON		585
	0638	CIHE	42 PEI		229
	0644	WFXV	33 NY		411
	0710	WUTR	20 NY		411
	0836	CBLEF	25zON	// 19 NB	585
	2131	WKOR	53 NY		473
	2233	CBLEF	32 ON	// 19 NB	436
	2248	WBOC	16 MD		
	2344	CTS	36+ON		590
14 Tr	0002	CBLEF	25 ON		585
	0030	W29BJ	29+NY	weak & brief	420
	0128	CHCH	67zON		
	0736	CFTO	54 ON		527
	0744	CJOH	47-ON		444
	0758	CTS	36+ON		590
	0918	W14CK	14+VT	UPN Promo	
16 Tr	0805	CFMT	47 ON	Strong	585
	0806	CITY	57 ON		585
	0807	CBLEF	15 ON		479
	0809	CICA	19 ON		585
	0815	CFTO	54 ON		527
	0825	CICO	53 ON		479
	0839	WPXD	31 MI		826
	0905	CICO	18 ON		521
	0916	CIII	41 ON		585
	0925	CIII	27 ON		521
18 Tr	2342	WHSP	65 NJ		573
19 Tr	0009	WUTR	20 NY		411
	2030	WMDT	47 MD		654
20 Tr	0816	CHCH	67 ON		
	0836	CICO	55 ON		455
	0842	CICO	42 ON		475
29 Tr	0755	WCNC	36 NC	Hurricane	1003

**Western TV DX** *Fernando Garcia's report cont'd*

0730	WMPN	29 MS	Jackson	747
	K47DW	47 LA	Alexandria	611
0900	KDFI	27 TX	Dallas	518
	KTXA	21 TX	Fort Worth	518
	KDAF	33 TX	Dallas	518

Sept. 28 first time noted KLTL-18 & KLPB-24(LPB stations) with audio to \$, SAP was with same audio as MAIN. Best of the month was on first five days and mainly on the 4 and 5. All the rest were relogs on Sept. 7, 18, 21, 22, 25, 28 and 30. Openings into Louisiana and Mississippi was intense on Sept. 4 & 5 as I got my best number of stations from these states for a month of September with 31 and 7 respectively.

73's Fernando

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

September 1998	CDT
04 tr 0430 KSAX	42 MN 404
05 tr 0040 KSAX	42 MN 404
	0450 WOUB 20 OH 411
	0850 KFPX 39 IA Newton 182
	0900 KHNE 29 NE 402
	KXNE 19 NE 464
06 tr 0405 WDFM-LP	19 OH Defiance 260
	0430 CICA 19 ON 514
09 tr 2310 KSAX	42 MN 404
11 tr 0400 CICA	19 ON 514
	0455 KSAX 42 MN 404
	0900 KXNE 19 NE 464
	KHNE 29 NE 402
	1820 WCFT 33 AL 593
	2300 WIAT 42 AL 582
26 tr 0210 KHOG	29 AR 463
	KHBS 40 AR 513
	0215 KTBO 14 OK 612
	0230 KWMJ 53 OK Tulsa 519
	0315 K61GC 61 KS 498
	0320 KOCB 34 OK 612
	0400 K68EL 68 MO Marshfield 360
	Translator for KNLJ-25
	0430 KTEJ 19 AR 409
	KAFT 13 AR Fayetteville 463
	0830 KJTV 34 TX 875
	0900 KCIT 14 TX 803

A recent mystery logging of Austin, MN 15 on ch. 42 was a phantom signal. I've also seen La Crosse WI 25 on ch. 42 with a Minneapolis heading. Nate Ely of Madison, WI sees the same. K41AD, Lansing, IA, has a ch 14 input from Decorah, IA and a ch. 24 input from Mason City, IA. Dated, incorrect information gave Lansing 41 a Waterloo IA 32 input. Mystery solved, so beware of strange happenings at the Lansing translator site.

Early AM on September 26 I saw fair to poor signals into OK, AR, and KS to 600 miles. Four hours later snowfree signals into Lubbock and Amarillo were seen for one hour. Oklahoma City and Tulsa were gone in the same direction.

A front stretched from eastern CO to southern WI. I was looking into a rare duct. Stations 300 miles to the east were strong. A dxer received the same TX stations in the Chicago area (1000 miles). Hurricane Georges did not hit the gulf coast for two days, but could have been a factor.

WWAZ-19 was claimed as a new one in my last report. WWAZ-19 is not new. I incorrectly assumed Madisonville, KY was no longer the city of license.

The Marshfield, MO-68 logging was a surprise. TV and Cable Factbook lists their ERP at 942 Watts. I am amazed that 942 Watts traveled 360 miles on September 26.

Eric Bueneman, N0UIH, 631 Coachway Lane, Hazelwood, MO 63042-1347

Equipment: Alaron 12-inch (30 cm) black and white TV with Radio Shack VU-210XR and Radio Shack Archerator at 33 feet (10 meters) above ground level

All times CDT, all distances in miles/kilometers

September 14, 1998 (trop)

0425	WXIX	19 KY	Newport/Cincinnati B	325/523
0427	WFYI	20 IN	Indianapolis (B over WICS)	240/386
0429	WKEF	22 OH	Dayton	B 340/547
0430	W36AR	36 IN	Lafayette (TBN)	225/362
0431	WRGT	45 OH	Dayton (CBTP)	340/547
0433	WPTD	16 OH	Dayton	340/547
0435	WNIN	9 IN	Evansville (KETC off)	165/266
0445	WCLJ	42 IN	Bloomington(CBTP)	210/338
0446	WKOI	43 IN	Richmond/Dayton OH	305/490
0447	W39BH	39 IL	Champaign	B 150/241
0500	WPTO	14 OH	Oxford (ID slide)	305/490
			classical music, WFIE off	
0501	WSBT	22 IN	South Bend	B 300/483
0504	WSJV	28 IN	Elkhart/South Bend	305/490
0507	WNDU	16 IN	South Bend	B 300/483
0510	W21BE	21 IL	Champaign	150/241
			with Spanish Christian programming	
0517	W34AY	34 IL	Champaign (TBN) over K34BR	150/241
0529	WTTK	29 IN	Kokomo (CBTP)	255/410
			"WTTV 4 Indianapolis"	

Only one new station has a four-letter call this time (WPTO-14)! I added three more LPTVs, including two more from Champaign. W21BE noted with Spanish Christian programming over K21OD (W21BE

**Western TV DX** *E Bueneman's report concludes*

is listed as a 3ABN affiliate). Also added a pair of TBN affiliates, with W34AY coming in over sister station K34BR, and W36AR, breaking a record for most distant LPTV received (at 225 miles). Grade B signals noted from SW Ohio and northern Indiana.

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455 (309)833-1809 jkadet@macomb.com

Editors note: The part of the log between 14 May and June 30 was sent to me by e-mail in time for the August column. Apologies to Jeff for misplacing it.

Equipment: Icom R7100 w/video adapter or Zenith 13" color TV. CM1110 up 10' w/Winegard pre-amp & RG-11 (Es) or screened 7' CM dish up 85' w/RDX Labs preamp, .500 hardline.

May 1998	CDT
14 tr 2321	KYPX 42 AR 410
15 tr 0050	TX Dallas U's 640
	KLAX 31 LA pummeling Peoria most of AM
0055	KVHP 29 LA Don't see this often
	KITU 34 TX TBN; rare
0135	WLAE 32 LA CB TP w/ID
	all the Houston & vicinity, Galveston, & NE TX U's 600-850 mi
0210	WGMB 44 LA
0220	Columbus, NE LPTVs
0316	WHLT 22 MS
0400	WNTZ 48 MS
	WVLA 33 LA
0412	WDBD 40 MS Jackson
0454	WUPL 54 LA New Orleans UPN54
0518	K23AA 23 NE NE ETV ID slide
16 MS 1120	KJRH 2 OK 410
20 gw 2246	K40FF 40 MO St. Louis Shop @home
23 Es 1300	KPRC 2 TX
	KMOL 4 TX
?? Es 1638	KPRC 2 TX
	WPBT 2 FL
	Cuba 2 CUBA TP
	1645 unID 4 CB TP
	1647 Cuba 3 CUBA TP
	Cuba 6 CUBA TP
	WJXT 4 FL
	WTVJ 6 FL Miami
	1707 KATC 3 LA
29 Es 1822	2 TV Azteca
	KPRC 2 TX
June 1998	
01 eS 1725	WETC 6 NC
	WRGB 6 NY 70th Anniversary
	1820 WUNC 4 NC
	1856 WUND 2 NC
	1930 WJXT 4 FL
	WESH 2 FL
	2200 KASA 2 NM

2259	KDTN	2 TX
12 Es 1800	WESH	2 FL
	WJXT	4 FL
	WDIQ	2 AL
13 Es 1609	KTWO	2 WY
1704	"CTV"	4z
	CICH	2 AB
	CKAL	5z AB "A Channel"
1720	"Q2"	2 KTVQ? not KFEQ
	1730 KUTV	2 UT
14 Es 1500	KASA	2 NM
	1529 KDTN	2 TX
	1700 WDIQ	2 AL
	1719 unID	2 Mexican w/XHGC. Had local calls lower, but too small to read.
	1737 WBRZ	2 LA
	1744 unID	4z FOX there's lots of them now.
	1750 unID	3 SS
	KATC	3 LA
	1830 KENW	3 NM
	1900 KACV	2 TX
15 Es 1800	WUND	2 NC
19 Es 1700	XEPM	2
	KDBC	4 TX
	KENW	3
22 Es 1115	WGBH	2 MA
	WCAX	3 VT
	WLNE	6 MA
	1124 WCBS	2 NY
	1145 WNBC	4 NY
	WNYW	5 NY
23 Es 0955	CHSJ1	6 NS
	1000 FFC	2
	1034 unID	E2 EU Video Buzz by multi-hop Es
	2355 CKCK	2 SK
	CKOS	5
24 Es 0031	unID	4 AB mentioned Edmonton
	1157 WESH	2 FL
	WUFT	5 FL
	WEDU	3 FL
	WPBT	2 FL
	WDIQ	2 AL
	WTVJ	6 FL Miami
	2100 KWGN	2 CO
	KCNC	4 CO
25 Es 1100	X	2
26 Es 2225	FFC	2
27 Es 0826	WUND	2 NC
	WUNC	4 NC
	1000 WRAL	5 NC
	1055 WNYW	5 NY
	FFC	2
	2243 WJXT	4 FL
	2300 WESH	2 FL
28 Es 0000	CKBI	4
	0015 KCNC	4 CO
29 Es 1800	CBC	5
	1824 KATC	3 LA Es coming in from everywhere!
	1827 CKCK	2 SK
30 tr 0200	Wichita	LPTVs
	0459 K43??	43 IA The Box (K43FB?)

## Western TV DX *Jeff Kadet's report continues*

August 1998			
13 MS 1635	WCBS	2 NY	874
1836	CFAP	2 PQ	1067
14 MS 1643	KGFE	2 ND	642
2120	unID	6	see note #1
Es 2200	CKCK	2 AB	959
	KXMA	2 ND	749
	KWSE	4 ND	840
2316	CKOS	4 SK	941
15 Es 0755	WLBZ	2 ME	1154
	WKTV	2 NY	830
0931	WCBS	2 NY	874
1000	WCAX	3 VT	951
	WGBH	2 MA	1014
	WCVB	5 MA	1014
1017	WLNE	6 MA	1017
1116	Es channels 7 & 8		
1715	WPBT	2 FL	1168
2155	KDTN	2 TX	613
17 Es 1100	X	2 & 3	
1130	KASA	2 NM	918
	KOB	4 NM	932
1200	KNAZ	2 AZ	1196
1933	CBC ch	2, 3, 4	
2000	CFAP	2 PQ	1067
	CBFAT	5+ PQ	1029
2305	CKBI	4 SK	1134
18 Es 1905	CFCL	2 ON	721
19 Es 2100	KACV	2 TX	708
tr	WQLN	54 PA	562
Es 2210	KAMR	4 TX	704
	KGBT	4 TX	1070
2244	KCNC	4 CO	770
	KWGN	2 CO	770
tr 2329	Many Ontarios, eastern OH, east KY Chattanooga (450-500 mi)		
21 tr 0051	unID	54 (.745) WHT to E W47AB 47 OH Mansfield, TNB	428
0230	K56FD	56 MO Springfield, the box see note #2	266
0235	WAOMI	67-KY see note #3	
	WVXS	59 WV	577
0247	KKYK-LP	22 AR Little Rock "WB-22" calls lower right	404
0340	WFVTI	55-SC "Shop At Home"	
0400	WRPX	47 NC Worship Net; local ID	765
0419	WXLV	45 NC	625
	WUNL	26 NC CB TP w/UNC ID	625
0421	WRAZ	50 NC	728
0426	unID	54+ Shep. Chapel to ESE	
0445	WSBN	47 VA	500
	WMSY	52 VA	550
26 tr PM	Big Alabama opening; just about every thing in N of Montgomery (450-625 mi)		
2007	W63CKt	63-.743 female non-network preacher W59CF 59 AR Russellville; local programming & ads	441
	WDFX	34 AL	682
27 tr 0230	Most N GA & N MS also in (450-500 mi)		
0930	WGIQ	43 AL	670

1015 KVTJ 48 AR 319  
 2119 WKYU 24 KY see note #3 329  
 2256 WQTV-LP 46 KY Murry State Univ 294  
 Kalidescope

2315 WCNC 36 NC 652  
 WJZY 46 NC 865  
 Chattanooga best ever also N GA & N AL (450-550 mi)  
 29 tr 0500 Common Canadians (450-550 mi)  
 30 tr 0200 unID 22 (.755) "Family Film Fest" towards Tulsa  
 31 tr 2355 KFPX 39 IA 173  
**September 1998**  
 05 tr 0407 W63AH 63+ (.765) OH Maplewood area; WPTD-16 (rare) 345  
 unID 14 lots of 2-way radio to ENE 951  
 0505 K60CL 60 Keokuk; TBN note #4 37  
 11 tr 0341 K69FH 69 NE Columbus: CMT still on low power; all the others in much better

Note #1: Very strange. Had a round TP zero to KWQC-6 which blipped in on apparent MS for about 1/4 second. Frank Merrill was here and saw it too.

Why would anyone have a TP (round, no less) at this hour?

Note #2: Very strange. The left half of the screen had "The Box" info. The right half had hundreds of frozen digital squares. There was no audio. Station was seen again a few weeks later exactly the same in exactly the same condition.

Note #3: Most wanted station!! So what if it took 15 years to get it? Reason I never saw its zero offset under WQPT is that WKYU is off frequency at .734, or below minus.

Most wanted now would be (in no order): Any NH, DE or OR, any Manitoba, NM or WY tropo. YSR-2, KTVN-2, WKAS-25, WIVB-4, WDTV-5, WSJK-2, XHFA-2, KTVG-17, KOET-3, both LA ch. 24s.  
 Note #4: K60CL must have a new transmitter. They had been zero to Chicago, but started having technical problems 4 months ago. They are again watchable, but are now putting skinny lines on Chicago. Their offset is listed as "n" (nominal) so this is okay, I guess.

Last year Ch. 42 in Ottumwa, another TBN LPTV, had technical problems also for about 4 months before their unwatchable signal was fixed. This begs the question: How many people actually watch these things??? The number to call for repair is on the screen all the time.

There was other tropo in Sept., but this was the most productive. DXers in Northern IL got a duct into W. TX which was missed here. Hopefully it went over Macomb like the previous one.  
 The LPTVs in Evansville (243 mi SE, a primo direction) are bumming me out. They are killing chs. 47, 63, 56, 52, 38, and now 36 in a prime direction. Some of these are parallel. They must feel a need to put LPTVs on each end of town for better coverage.

## Western TV DX *Jeff Kadet's report concludes*

Danny Ogleshorpe wrote to say he has seen XHFA-2 so they exist! (sorry Danny, I must have missed that amongst all your Mexican TROPO catches!) It would be exciting to be able to DX from the Gulf and catch a super Mexico tr opening someday. Have seen XHPNT-46 on tr from here, but that's it.

Have also been fantasizing about going up to Newfoundland and getting in on some F2 TV DX during the next peak (it was disappointing here the last time, in my opinion, as we had only a THREE WEEK period of F2 video). But in reality, it will probably be brutally cold (Nov-Mar.) and I will also be missing 6m DX from back home.

Congrats to the "Dynamic-Duo" from New England for their fabulous DX. 73.

Victor Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4558

**Equipment:** 5' screened dish @ 25', 1765' AMSL. HD-73 rotor, Radio Shack preamp, Icom R-7100, TV-R7000.

This is my initial report, all stations are "new", all are from Northern CA, and since they can probably be received on over half the days during the summer, I do not consider them DX and will not refer to them in the future unless the reported conditions change.

The frequency is the R7100 readout in LSB mode for a tone of ~500-800 Hz; e.g., the video carrier frequency is about .0005 to .0008 MHz lower than indicated. Some of these stations may drift in frequency, but this list should be of help to anyone trying to locate Northern CA stations. Note the different mileages for Sacramento, for instance--these are the actual transmitter tower distances in kilometers from my home. (Multiply by .621 to get statute miles)

### August-October 98 Video ID

Ch.	Freq/MHz	CALL	kW	CA	City of License	km
02	55.2401	KTVU	100	Oakland		34
03	61.2409	KCRA	100	Sacramento		116
04	67.2407	KRON	100	San Francisco		34
05	77.2608	KPIX	100	San Francisco		34
06	83.2507	KVIE	100	Sacramento		116
07	175.2407	KGO	316	San Francisco		34
09	187.2604	KQED	316	San Francisco		34
10	193.2506	KXTV	316	Sacramento		114
11	199.2607	KNTV	79.4	San Jose		59
12	205.2405	KHSL	316	Chico		283
13	211.2611	KOVR	316	Stockton		114
14	471.2603	KDTV	2570	San Francisco		26
19	501.2398	KUVS	5000	Modesto		115
20	507.2401	KBWB	3470	San Francisco		34
22	519.2412	KRCB	68	Cotati		100

26	543.2397	KTSF	2510	San Francisco	26
29	561.2401	KSPX	4570	Sacramento	184
30	561.2401	K30BI	19	San Francisco	42
31	573.2398	KMAX	5000	Sacramento	117
32	579.2607	KMPX	1320	San Francisco	34
36	603.2505	KICU	4070	San Jose	42
38	615.2475	KCNS	5000	San Francisco	34
40	627.2407	KTXL	5000	Sacramento	116
42	639.2501	KTNC	1290	Concord	62
44	651.2399	KBHK	5000	San Francisco	34
46	663.2406	KION	1350	Monterey	122
47	669.2409	K47DQ	11.5	Sacramento	145
48	675.2406	KSTS	4370	San Jose	42
50	687.2398	KFTY	30.2	Santa Rosa	136
54	711.2500	KTEH	661	San Jose	42
58	735.2511	KQCA	2000	Stockton	114
60	747.2492	KCSM	1550	San Mateo	26
64	771.2501	KFTL	1950	Stockton	62
65	777.2500	KKPX	3090	San Jose	59
66	783.2502	KPST	3470	Vallejo	34
68	799.2516	KWOK	1100	Novato	79

### Audio Only ID

08	181.2609	KSBW	158	Salinas	68
15	477.2503	K15CY *	18	Sacramento	158
18	495.2555	K18AO	2.37	Oroville	255
21	513.2503	KFTV	2190	Hanford	262
21	513.2504	KZVU-LP	33.2	Chico	283
24	531.2655	KNVN	5000	Chico	312
25	537.2400	KDTV	0.64	Santa Rosa	135
25	537.2502	KBTU (K25EL)	20	Sacramento	158
27	549.2404	K27EU	62	Sacramento	177
35	597.2397	KCBA	2340	Salinas	109
46	663.2406	KION	1350	Monterey	122
47	669.2504	KJEO	2630	Fresno	262
51	693.2504	KNSO	4170	Merced	205
52	699.2414	K52CK	7.68	Stockton	110
57	729.2499	K57AV	1.08	Santa Cruz	59
59	741.2495	KMSG	1350	Sanger	261
67	789.2399	KSMS	1260	Monterey	109

\* CP, but CW ID heard frequently

### Call Letter Keyer Only ID

21	513.2405	K21EV	16	Salinas	122
23	525.2517	KBSV (K23KE*)	15	Ceres	123
28	555.2598	K28EM	0.25	Ridgcrest	205
34	591.2484	KSDI-LP (K34AV)	25	Fresno	283
46	663.2600	K46DQ	1.3	Redding	346
53	705.2390	K53DT	21.6	Monterey	113
56	723.2546	K56DZ	2.4	Fresno	247
69	801.2498	K69FB	14.2	Sacramento	152

\* Wrong call in call letter keyer, KBSV correspondence from measurements at field site.

I have at times noted strange goings-on on channel 16 (assigned to mobile service here), KXPR-FM (Capital Public Radio) delayed about 1/2 sec, and a whole series of religious programs with video (snowy), but dead silence during the periods between programs when you'd normally have station IDs. Apparently it's a program relay not meant for public viewing.

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call	S/P	Dist.
ch 2	WGRZ	NY 48
	WPBT	FL 1113
	WBRZ	LA 1073
new	KGAN	IA 686
	KDKA	PA 132
	KSNC	KS 1095
ch 3	WPSX	PA 61
	KATC	LA 1131
	CKVR	ON 172
	WSTM	NY 135
	WKYC	OH 171
ch 4	WIVB	NY 45
	WTAE	PA 138
ch 5	WKRG	AL 938
	KXAS	TX 1202
	CBLT	ON 121
	KALB	LA 1083
	WTVH	NY 136
	WEWS	OH 173
	WTTG	DC 223
	WDTV	WV 227
ch 6	WJAC	PA 116
	CHII	ON 132
	WBRC	AL 743
	WABG	MS 887
	KTAL	TX 1055
ch 7	WKBW	NY 43
ch 8	WROC	NY 89
	CKNX	ON 199
	WWCP	PA 131
ch 9	CFTO	ON 121
	WTOV	OH 160
ch 10	WHEC	NY 89
	CFPL	ON 156
	WTAJ	PA 99
ch 11	CHCH	ON 105
	WPXI	PA 133
ch 12	WICU	PA 78
	WBNG	NY 129
	CHEX	ON 160
	WBOY	WV 212
ch 13	WOKR	NY 89
	WQED	PA 133
	CKCO	ON 145
ch 14	WTMW	VA 224
	WCMU	MI 336
	WPTO	OH 370
ch 15	WLYH	PA 159
	CBLFT13	ON 170
	WHRO	VA 374
ch 16	WNEP	PA 145
	WQEX	PA 133
	WBOC	MD 284
	WNPE	NY 188
	CHWI	ON 191
ch 17	WNED	NY 73
	WDLI	OH 166

call	S/P	Dist
ch 18	WPHL	PA 216
	CICO74	ON 146
	WETM	NY 82
	W18BC	PA 113
ch 19	CICA	ON 121
	WNPA	PA 131
	WOIO	OH 171
ch 20	WDCA	DC 222
	WDWB	MI 249
	CBLN5	ON 224
	WOUB	OH 268
	WUTR	NY 184
	WTXX	CT 282
ch 21	WXXI	NY 89
	WHP	PA 142
	WFMJ	OH 129
	CFTO3	ON 204
ch 22	W22AZ	NY 3
	WYOU	PA 145
	WCWB	PA 126
ch 23	WNEQ	NY 73
	WATM	PA 99
	WVPX	OH 173
	WKAR	MI 306
	WCVE	VA 314
ch 24	WCNY	NY 140
	WJET	PA 82
	WNPB	WV 173
ch 25	W25AK	NY 3
	CBLFT	ON 121
ch 26	WNYB	NY 46
	WETA	DC 222
ch 27	CHII27	ON 142
	WHTM	PA 141
	WKBN	OH 130
ch 28	WBRE	PA 146
	CICO28	ON 132
ch 29	WUTV	NY 73
	WTFX	PA 216
	CHII29	ON 194
ch 30	WGTE	OH 256
	WVIT	CT 290
	CIVO	PQ 273
	W30AA	NY 82
ch 31	WUHF	NY 89
	CITY31	ON 136
	WWP	MD 165
ch 32	CICO32	ON 229
	CBLFT14	ON 186
	WBPA-LP	PA 131
ch 33	WYTV	OH 129
	WFXV	NY 169
	WITF	PA 142
ch 34	WIVT	NY 129
	CBLFT15	ON 204
	WOSU	OH 264
ch 35	WSEE	PA 81

call	S/P	Dist
ch 36	WENY	NY 82
	WGPT	MD 185
	WUPW	OH 257
ch 38	WADL	MI 228
	WOLF	PA 146
ch 39	WLVT	PA 186
ch 40	WICZ	NY 129
	WPCB	PA 131
	CBLN	ON 160
	WBGT-LP	NY 89
ch 41	CHII41	ON 121
	WXTV	NJ 247
ch 42	CKCO3	ON 193
	CICO93	ON 216
	WVPY	VA 211
ch 43	WNYS	NY 138
	WUAB	OH 173
ch 44	WVIA	PA 145
	CBLN6	ON 109
	CBLFT12	ON 146
	WAOH	OH 197
ch 45	WNEO	OH 147
	CBLN4	ON 195
ch 46	WSKG	NY 129
	W46BA	NY 42
ch 47	CFMT	ON 121
	WKBS	PA 99
ch 48	WYDC	NY 62
	WGTW	NJ 216
ch 49	WNYO	NY 53
ch 50	WWTI	NY 189
	WKBD	MI 249
	WBDC	DC 223
	WNJM	NJ 234
	W50BF	PA 114
ch 51	CICA51	ON 204
	W51AO	PA 68
	WTVE	PA 176
ch 52	W52BO	PA 91
	WNJT	NJ 230
ch 53	WPGH	PA 131
	CBLFT9	ON 160
	CICO53	ON 170
	WNVV	VA 240
ch 54	CFTO4	ON 142
	WQLN	PA 81
	WTBY	NY 230
ch 55	CHII55	ON 75
	CICO92	ON 207
	WBNX	OH 170
	WLNY	NY 297
ch 56	CBLN1	ON 132
	WTVS	MI 249
	WWLF	PA 140
	WNVV	VA 226
ch 57	W57AH	PA 53

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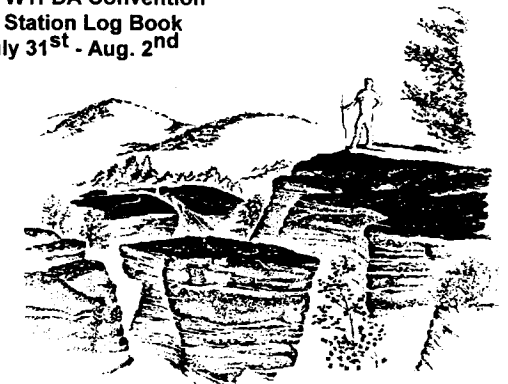
call	S/P	Dist
ch 58	WPSG	PA 216
	WFHW-LP	NY 63
	WNJB	NJ 227
ch 59	W59AH	NY 21
	W59BV	NY 89
ch 60	WWPX	WV 177
	W60BC	PA 106
	W60AJ	NY 15
ch 61	W61CC	PA 133
	WQHS	OH 172
ch 62	W62AS	NY 24
	WWJ	MI 241
ch 63	W63AU	PA 137
ch 64	WQPX	PA 146
ch 65	W65AJ	NY 30
ch 66	WFXP	PA 81
ch 67	CHCH3	ON 214
	WOAC	OH 173
	WMPB	MD 198
ch 68	WSYT	NY 130
	WJAL	MD 148
ch 69	CFMT1	ON 160

Total Tv Stations Logged 192

call	S/P	Dist
88.1	WUBJ	NY 42
88.3	WCOU	NY 57
	WAER	NY 138
88.5	WBHY	AL 938
	WJSU	MS 929
	KEOM	TX 1179
	WAMU	DC 224
	WRUR	NY 87
	CKDX	ON 149
88.7	WBFO	NY 69
	KUHF	TX 1278
	CIMX	ON 233
88.9	KETR	TX 1127
	CIRV	ON 123
	WCYI	NY 74
	WMBW	TN 613
89.1	WCID	NY 16
89.3	WQED	PA 133
89.5	CIUT	ON 122
	WITF	PA 142
89.7	WNJA	NY 39
89.9	WFBF	NY 57
	CBE	ON 235
	WTLR	PA 86
	WRVO	NY 137
90.1	WPSB	PA 28

call	S/P	Dist
90.3	WJSL	NY 29
	CJBC	ON 121
90.5	KUT	TX 1344
	WDUQ	PA 135
	WBER	NY 88
90.7	WMRA	VA 239
	WGCC	NY 71
	CBOF	ON 273
	KVRT	TX 1378
90.9	WCOT	NY 30
91.1	CJRT	ON 121
	WSQE	NY 71
91.3	WOLN	NY 2
91.5	WXXI	NY 89
	WPSU	PA 89
91.7	WAOY	MS 977
	WCML	MI 357
	WICB	NY 108
	WUOM	MI 279
91.9	CKLY	ON 156
92.1	CKPC	ON 120
	WCKR	NY 48
92.3	WRRN	PA 38
	WZJM	OH 160
92.5	WBEE	NY 94
	KTFA	TX 1190

call	S/P	Dist
	KZPS	TX 1202
	CISS	ON 122
	WINC	VA 212
	WXTU	PA 216
92.7	WCCR	PA 67
	CJBX	ON 156
	WENY	NY 86
new	CFFF	ON 150
92.9	WLCE	NY 44
93.1	WQYX	PA 65
	WNTQ	NY 140
	CHAY	ON 172
93.3	WWSE	NY 42
93.5	CBBC	ON 146
	CBCL	ON 160
	WVBR	NY 107
93.7	KICM	OK 1160
	WBLK	NY 63
	WBZZ	PA 135
93.9	WKBI	PA 44
	WBDNY	NY 54
94.1	CBL	ON 121
	W231AH	PA 10
	WBZE	NY 89
94.3	WBXQ	PA 107
	CJBC1	ON 170



WTFDA Convention '98!  
**ROCK CITY**  
*Enchanted Mountains*  
OLEAN, NEW YORK

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1998 WTFDA Convention  
FM Station Log Book  
July 31<sup>st</sup> - Aug. 2<sup>nd</sup>

call	S/P	Dist.	call	S/P	Dist.		
WCTD	PA	158	WCBA	NY	74		
CBLU	ON	232	WMZQ	DC	226		
WMDE	PA	89	WVMV	MI	240		
WTIX	LA	1085	WOVK	WV	179		
94.5	WNED	NY	45	WLZW	NY	184	
	WWSW	PA	133	98.9	WQKY	PA	37
94.7	WBRX	PA	91		WBBF	NY	89
	WFGO	PA	81	99.1	KXKC	LA	1100
	WPHD	PA	68		CBLA	ON	121
94.9	WHKS	PA	14		WKNN	MS	977
95.1	KEWL	TX	1046		WQKK	PA	111
	WNVE	NY	73		WAAL	NY	129
	CKSY	ON	192	99.3	CJBC4	ON	160
	CBON17	ON	283		W257BA	PA	10
95.3	KFRO	TX	1107		WSFW	NY	106
	CJXY	ON	105	99.5	WDCX	NY	45
95.5	WKYE	PA	116	99.7	WSHH	PA	133
95.7	WPIG	NY	2		WZXV	NY	94
95.9	CJKX	ON	133		WJUX	NY	194
96.1	WJYE	NY	63	99.9	CKFM	ON	121
	WDRV	PA	135		WIII	NY	124
96.3	CFMX1	ON	123		WXKC	PA	76
	WJDX	MS	940	100.1	WBRR	PA	12
	CFMK	ON	182	100.3	CJMJ	ON	273
	WKQW	PA	74		WZPR	PA	91
	WJSA	PA	78		WBIG	DC	224
96.5	KVKI	LA	1063	100.5	WJNG	PA	44
	WCMF	NY	89		WVOR	NY	88
	WCQA	NY	52		CBBL	ON	160
	WMTZ	PA	118	100.7	CHIN	ON	121
96.7	CHYM	ON	146		WZPT	PA	131
	WFRM	PA	30		WOTT	NY	173
96.9	WGRF	NY	65		WCOG	PA	49
	WRRK	PA	134	100.9	W265BB	PA	9
97.1	WOKK	MS	872		CFBG	ON	213
	CIGL	ON	158	101.1	CKEY	ON	66
	WREO	OH	119		WGMR	PA	79
	WASH	DC	223		WHOT	OH	130
97.3	WYXL	NY	111		WRIF	MI	246
	CJEZ	ON	121	101.3	WRMM	NY	89
97.5	WPKK	PA	29		CKOT	ON	129
97.7	CHTZ	ON	88		WGGY	PA	146
	WLER	PA	106	101.5	WMXO	NY	7
	WGMN	NY	74	101.7	WXOX	NY	57
97.9	WMYQ	MS	889		WLTB	NY	120
	KZBB	OK	995		WVCC	PA	104
	WXTA	PA	84	101.9	WHUG	NY	39
	WPXY	NY	89		WVAQ	WV	184
	WKKW	WV	197		WRBP	OH	122
98.1	CHFI	ON	121	102.1	CFNY	ON	121
	WHWK	NY	129		WOWQ	PA	68
	WFGY	PA	99	102.3	WISY	NY	82
	WHK	OH	164		WJET	PA	82
98.3	WQRT	NY	9	102.5	WMJQ	NY	45
98.5	WKSE	NY	73	102.7	WKSJ	PA	95
98.7	CBCB	ON	211		WDCZ	NY	94

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call	S/P	Dist.	call	S/P	Dist.	call	S/P	Dist.	
102.9	CKLH	ON	110			WMAX	NY	83	
	WOKW	PA	65			WRCK	NY	184	
	WVMR	NY	132	106.9	WZYU	PA	61		
	WYFM	PA	117		107.5	CBCK	ON	182	
103.1	CFMX	ON	142			KCIL	LA	1104	
	WRLP	PA	35			WGPR	MI	236	
	CFHK	ON	148	107.1	CILQ	ON	121		
103.3	WKJN	LA	1055			KLBC	OK	1119	
	WEDG	NY	65			WLIH	PA	67	
103.5	WJQZ	NY	29	107.3	WDBA	PA	58		
	CIDC	ON	154			107.7	WNUC	NY	43
103.7	WRTS	PA	75						
	WQNY	NY	95						
103.9	WLMI	PA	30						
	CKDK	ON	139						
	WDKX	NY	90						
104.1	WHTT	NY	58						
104.3	WKNB	PA	38						
104.5	CHUM	ON	121						
	WQKT	OH	196						
104.7	WBBS	NY	134						
	WJJJ	PA	120						
	WVMD	MD	167						
	WKKY	OH	130						
104.9	KKAY	LA	1077						
	WAKK?	MS	???						
	WNGZ	NY	82						
	WRDR	NJ	259						
	WZLE	OH	193						
	WDDL	PA	146						
	WPDZ	WV	216						
	WSRD	NY	217						
105.1	CKQM	ON	157						
	WQXK	OH	144						
	WVOA	NY	144						
	WILQ	PA	95						
105.3	WKPK	NY	45						
	CFCA	ON	145						
105.5	WMKX	PA	68						
	WTKV	NY	140						
	WGOJ	OH	105						
105.7	WAKH	LA	992						
	CHRE	ON	88						
	WMRV	NY	126						
105.9	WXDX	PA	131						
	WJZR	NY	91						
	WUBZ	PA	73						
	CICX	ON	185						
106.1	WNKI	NY	74						
	CIMJ	ON	135						
106.3	WQRM	PA	14						
106.5	WYRK	NY	63						
106.7	WAMO	PA	129						
	WWLF	NY	189						
	WRKZ	PA	160						
	WYSY	NY	91						

call	S/P	Dist.
107.9	WDSY	PA 132
	CING	ON 113
	WWHT	NY 136
	WKIN	PA 88
Total FM Stations Logged 268		

## WILL THE LEONIDS "STORM" THIS YEAR?

The Leonid meteors originate from the debris released from the Comet Tempel-Tuttle which completes a path around the Sun every 33 years. Each November the Earth passes through the plane of the comet, giving rise to the Leonid meteor shower. When this passage occurs within a few years of the comet's closest approach to the Sun, called perihelion, conditions for encountering larger than normal numbers of meteors, i.e., a meteor storm, may exist. Comet Tempel-Tuttle passed perihelion early in 1998, setting the stage for a probable meteor storm in 1998 and perhaps again in 1999, as jointly reported by the NASA Johnson Space Center's Orbital Debris Program Office and the Air Force Deputy Chief of Staff for Air and Space Operations.

On November 17, 1998, the annual Leonid meteor shower is expected to arrive with an intensity not seen for more than three decades. U.S. Government agencies, led by NASA and the Department of Defense, have been studying the potential risk of the Leonids to spacecraft in near Earth orbit out to the L1 location, 1 million miles from the Earth toward the Sun. Projections are the 1998 Leonids will not reach the levels of the 1966 meteor storm but will present an elevated, though not serious, threat to spacecraft in the vicinity of the Earth during a period of about half a day. However, the 'light show' visible in some parts of the world, particularly East Asia and the western Pacific region, may be dramatic.

Due to the changes in the relative positions of the Earth and Comet Tempel-Tuttle, Leonid meteor storms do not occur every 32-33 years. The Leonid shower did not reach storm levels in 1900 or 1933, but did reach major storm proportions in 1966. The 1998 outburst is likely to be much lower than that observed in 1966. In fact, the stream of Leonid meteors for all sizes, ranging from dust to sand-like particles, will probably not exceed the typical daily meteor exposure. However, the higher velocity of the Leonid meteors (~45 miles per second) as compared to the typical daily meteors (~12 miles per second) means the risk of physical or electrical damage to near Earth spacecraft will be greater than normal.

The kinetic energy of a Leonid meteor will be 13-18 times that of a typical meteor of the same mass. However, since the mass of Leonid meteors are expected to be much less than that of typical meteors, the Leonids energy level should be equivalent to normal exposure of a few hours to days. The electrical discharge potential of the Leonids during the 12-hour period centered around the peak activity may be equivalent to as much as months to years of normal daily exposure.

Simple software to calculate the probability of impacts by Leonid meteors can be found on the worldwide web at <http://see.msfc.nasa.gov>.

--Andrew Yee. A.M.S.

*(Editor's Note: As we go to press, many meteor science specialists believe that 1999, and not this year, will bring next big Leonids storm. Nevertheless, FM and TV DXers should pay close attention to the mornings of November 17th and 18th this year, too. True meteor storm showers are VERY tough to predict. Remember, many researchers were convinced that 1997 was going to produce the storm, and it didn't. This year may well feature just another "normal" Leonids show, or something that you'll remember for the rest of your life! Previous such storms have had even been blamed for causing animals to stampede, and prompted humans to commit suicide. The Leonids shower is interesting and productive for meteor scatter DX EVERY year! If a true meteor storm does appear, expect amazing conditions. During the last big one in 1966, there were well over 100,000 meteors per hour visible in the sky, not to mention incredible MS DXing conditions that are the stuff of legend. DXing MS during a true storm has to be experienced to be believed--it's the stuff of DX legends, with l-o-n-g bursts and "E-skip type" conditions resulting from many of them!)*

# Where Does 6 meters Fit In?

by Randy Miltier, K7RPM

TV and FM DXers have a resource that some may not be familiar with. It is the six meter ham band from 50.000 to 54.000 MHz, located just below TV channel 2. Generally, six meters (also known as the "magic band") will be open before the TV band

There are various modes on 6 meters, but we're only interested here in SSB, CW and FM. Also for our discussion, we're only interested in 50.000 to 50.250 MHz and 50.525 MHz.

Six meters falls under the same propagations as TV and FM. i.e. tropo, Es, F2, aurora and meteor scatter. When TV DXers are at the dials trying to log distant TV stations during a meteor shower, hams are at the dials trying to make distant contacts with other hams. A tool the ham uses on six meters is beacons. Between 50.000 and 50.100 MHz there are over 150 beacons sending out their call sign and location in CW, in morse code. These beacons are located all over the world but many are here in the United States, running from a half watt to 100 watts of power. Of course, you must be able to copy morse code to locate these beacons. Most are relatively slow, so once you get it down it will enhance your DXing skills.

50.110 MHz is a DX calling frequency for overseas hams. This frequency is used to call DX or to receive DX stations. 50.125 is the calling frequency for stateside stations. These two frequencies are in upper side band. When the band is open, you'll hear U.S. and Canadian hams contacting each other from 50.125 to about 50.250.

Another resource frequency is 52.525 MHz. This is an FM simplex frequency and hams can contact each other when the band is open via FM.

So, for the TV/FM DXer, you'll need a receiver capable of receiving 50 to 54 MHz. It must be able to receive SSB, FM and CW. Like everything else, a good outside antenna is preferred but a decent omni-directional antenna will work. You'll need to be able to copy some CW as beacons normally give their call sign and location in morse code. Location is given as a grid square, such as CN82. Grid squares are based on latitude and longitude and are 1 degree by 2 degrees in size and are used around the world in ham radio. This system is called the Maidenhead Grid System. Usually, on six meters, hams will give their location as a grid square: "This is K7RPM in Charlie Nancy Eighty Two (CN82)." If you look on your grid square map of the U.S. you'll see where I am located.

So if I'm picking up a channel 2 and 4 via Es from the southeast, and I'm not sure who they are, I turn on my receiver, tune to six meters and hear some beacons and several hams talking. I listen, and hear hams from the Denver area talking to hams in Washington and Oregon. I also hear the W01JR beacon on 50.065 located in the Denver area, booming in. It's a good bet that my two TV stations are KWGN-2 and KCNC-4 from Denver, but of course, I need that positive ID. The point is that the resources of six meters helped me to possibly locate the two TV stations I have via Es.

I would think that six meters would be very valuable in the East with the clutter of stations. If you can ID beacons or even know where the hams are broadcasting from, it will help in assessing the location of TV and FM stations.

If you don't have a receiver capable of receiving the six meter band to pick up all this good stuff, or don't want to be bothered with learning a little CW...there's still hope for

you...if you have a computer and are on the internet. Hams are a resourceful bunch, as are TV/FM DXers. There is a web page on the internet that is a DX cluster for six meters. It covers the world but also the U.S. How this can be of help to the TV/FM DXer is that you watch and see where and when the contacts are being made. If you see a contact from your grid square come up (or grid squares near you) and the ham is making contact 1300 miles away, you may want to turn on your TV and check it out. If you don't see any postings from the U.S., the band is more than likely not open...just like TV or FM.

Six meters is called "the magic band" because it is not always open, and when it is, it's a lot of fun to make contacts. Such as TV or FM...when it's open it's a lot of fun also.

I work six meters while watching the TV for IDs when the band is open. The two bands compliment each other very well...I can usually pin-point who my TV DX stations are when tuning six meters.

I hope some of you listen to six meters and incorporate it with your TV and FM DXing, I think you'll find it a valuable tool.

#### Resource Information:

1. 50 MHz Cluster, realtime loggings: <http://oh2aq.kolumbus.com/dxs/50.html>

and: <http://raven.cybercomm.net/~slapshot/dxing/50prop.html>

2. 50 MHz beacons: <http://user.super.net.uk/~equinox/50.html>

or: <http://www.keele.ac.uk/depts/por/50.htm>

3. grid squares: location by city and state:

<http://www.arrl.com/locate/locate.html>

4. grid square conversion: <http://www.amsat.org/amsat/toys/>

5. grid square maps: I couldn't find any U.S. maps on the internet but they are available via the ARRL (you need a map).

6. realtime MUF, realtime E layer, solar forecast and more:

<http://user.super.net.uk/~equinox/>

