

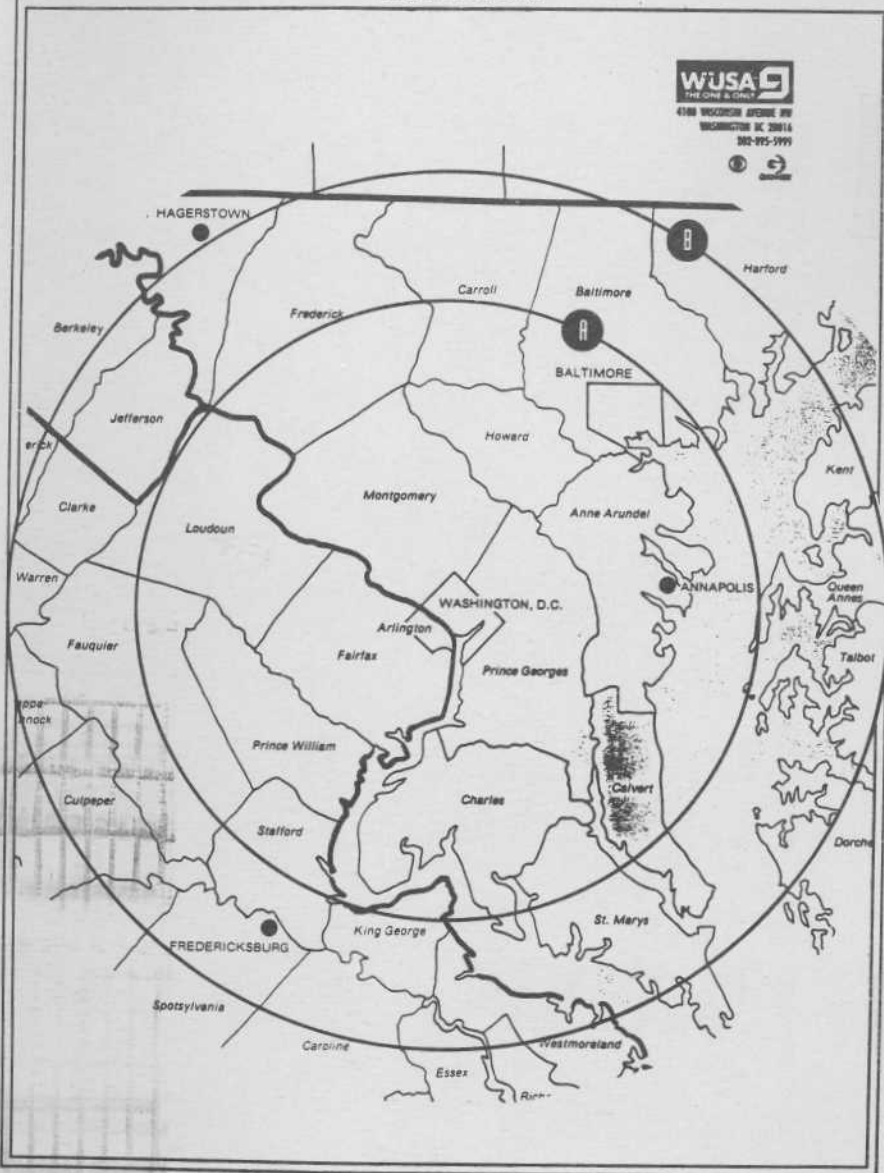
# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 1995

**WUSA 9**  
THE ONE & ONLY

4188 WOODROW AVENUE NW  
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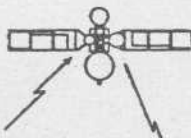
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# SATELLITE NEWS



George W. Jensen  
4604 Anntiana Avenue  
Baltimore MD 21206-4220

A short column this month. The yearly roundup will come shortly. It would not be wise to persue that at this time, due to the many ongoing switches due to the shut down of F2, T2 and others along with the failure of launches of several birds. So: here are a few recent changes - look for many more as you read this.

Morelos 2 - XPDR 9 - MTV Latin America - lately off  
Intelsat 53 W - 14 - Channel NBC Europe  
M E T has moved from F2 to G6 - 18  
Golf Channel is on - G7 - 7 in VC2  
Game Show Network is on G7-6 in VC2  
Univision is back with analog signal on S3-5  
many times in VC2  
KTVT on S3-5 is gone  
The Family Net is now on G4 - 23  
Starz is now on S4-11 - was a digital cable movie service  
HBO2E - now G7-8  
HBO2W - now G7-14  
HBO3E - now G7-24  
Cinemax 2E - now G1-23



On Anik E2 - Ku band - many new services lighting up  
4H - NCN - New Country Network  
6H - a Canadian Bravo  
8H - Life  
14H - Showcase  
16H - WTN  
22H - Movie Pix  
24H - Canal D (French)

on the C side - The Weather Network is now French full time with a full time English service elsewhere (XPDR ( )

Orion 1 - a Ku-Band only satellite is now stationed at 37.5 W with a footprint to Atlantic rim areas of US/ North America and Europe.

Some info on Canal Sur with is being relayed by several Florida LPTVs - The original signal comes from Lima, Peru where items are taken off of Pan-Am-Sat/BrazilSat/and severaal Intelsats by Panamaerican television (Ch5). They are then sort of collated and retransmitted via C-Band on Pan-Am-Sat to Hero Teleport in Miami where they are retransmitted again via Spacenet 2 XPDR 4 with its really stinkey signal.

That's all from this end - hope to see you all in30

*Geog*



## TV News

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Abbreviations used in this column:  
ERP= Effective Radiated Power in kW  
HAAT=Height Above Avg. Terrain  
nc= no change  
TL= Tower Location  
CP= Construction Permit  
Pr= Province (of Canada)  
\*= Non-commercial  
CRTC=Canadian Radio-Television Commission  
DBS= Direct Broadcast Sat.  
SS:= Spanish language  
LPRT=Low Power Relay Transmitter (Canada)  
TBD= To Be Determined

## APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	58	138	57	WQMD	Ft. Walton

(TL 30°23'43"N, 86°30'11"W)

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
NC	17	5000	nc	WFWD	Goldsboro

(was 2570kW)

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	26	3236	792	KMPH	Visalia

(was 3240kW/784m)

St	Ch	ERP	HAAT	Call	City
GA	54	nc	345	WTEK	Columbus

(TL 32°27'49"N, 84°52'37"W just a few hundred feet from the old site)

St	Ch	ERP	HAAT	Call	City
NC	42	1375	nc	WFVI	Charlotte

(was 2750kW)

## CALL LETTER CHANGES

Was	Now	City, state
WCIX-4	WFOR-4	Miami, FL
WMCC-23	WNDY-23	Marion, IN
new-44	WAGV-44	Harlan, KY

## NEW STATIONS ON THE AIR

San Bernardino, CA: KZKI-30Z  
1120kW/713m  
TL 34°11'15"N, 117°41'58"W  
Sunset Ridge near Claremont, same as when it was KAGL-30. Operating license granted in late December.

## OTHER STUFF

Neither the Miami nor the Mar- ion call changes are official.

New Speaker of the House Newt Gingrich seems to have gotten in a bit of hot water over conversations with Fox Broadcasting chair Rupert Murdoch. Gingrich's new book is to be published by a firm partially controlled by Murdoch; some suggest Murdoch's decision to publish Gingrich's book was influenced by Gingrich's possible ability to influence FCC hearings over the degree of foreign (Australian) control of Fox Broadcasting.

Ratings for the regular season football games are in, for the first year since CBS lost its franchise to Fox. American Conference games on NBC were up 11% to a 12.5 rating/29 share. On the other hand, National Conference games on Fox lost 6% to a 12.1 rating/28 share.

Given industry (and Fox) predictions of a 10-25% decline in NFC ratings on Fox, Fox is quite happy with the results! Indeed, Fox earned \$300million in commercial revenue for NFC games this year, as opposed to an estimated \$275million last year on CBS.

In some smaller markets, new Fox affiliates KECY-9 and KARD-14 have been doing quite well. Early numbers from Yuma show KECY ending up the #1 station in the market with viewers 18-34, outperforming the CBS and NBC stations. They beat CBS to end up #2 among viewers 18-49. And in Monroe, Louisiana, KARD beat VHF NBC affiliate KTVE-10 to end up in second place, beat only by KNOE-8.

A bit of a trade war seems to be brewing between Country Music Television and the Canadian Radio-Television Commission. The CRTC recently ordered Canadian cable systems to drop CMT in favor of a new Canadian country music channel. A story on WSMV-4 in mid-(Other

### Staff, contd.)

January now reports CMT is removing records on Canadian labels from their music video lineup.

The new UPN and WB networks have both started. It's too early to tell how they'll do. I would appreciate hearing from any of you who note an over-the-air WB affiliate in your area; WB has been reluctant to release an affiliate list.

## NETWORK AFFILIATION CHANGES

Changes in boldface have already happened.

WISC-3 Madison: CBS=>CBS/UPN  
 WFTV-4 Bloomington: ind => UPN  
 KYES-5 Anchorage: ind => UPN  
 KPVE-5 Honolulu: ind => UPN  
 WBBM-5 Bay City: NBC => CBS  
 KIRO-7 Seattle: CBS => UPN  
 WOOD-8 Grand Rapids: NBC=>NBC/UPN  
 WFOR-9 New York: ind => UPN  
 KTVF-11 Fairbanks: CBS=>CBS/UPN  
 WVAH-11 Charleston: Fox=>Fox/UPN  
 KPNR-11 Rawlins: ABC=>ABC/Fox  
 KPTV-12 Portland: ind => UPN  
 KCOB-13 Los Angeles: ind => UPN  
 KRQE-13 Albuquerque: CBS=>CBS/UPN  
 KCIT-14 Amarillo: Fox=>Fox/UPN  
 WFTU-14 Jackson TN: Fox=>?/UPN  
 KDSM-17 Des Moines: Fox=>Fox/UPN  
 KPVG-17 Grand Island: ind => UPN  
 KTTU-18 Tucson: ind => UPN  
 WTVV-18 Milwaukee: ind => UPN  
 KPNB-20 Casper: ABC=>ABC/Fox  
 KCKH-20 Houston: ind => UPN  
 KCKM-21 Colo. Sprs.: Fox=>Fox/UPN  
 KNLD-21 Duluth: new=>Fox/UPN  
 KBLR-21 Las Vegas: ind => UPN  
 WHNS-21 Asheville: Fox=>Fox/UPN  
 WJCL-22 Savannah: NBC=>NBC/UPN  
 WLFL-22 Raleigh: Fox=>Fox/UPN  
 WPTT-22 Pittsburgh: ind => UPN  
 KATU-22 Spokane: Fox=>Fox/UPN  
 WZLW-24 Charleston: Fox=>Fox/UPN  
 WEYI-25 Saginaw: CBS => NBC  
 WCIV-26 Chicago: Uni => ind  
 KUMH-26 Burlington: Fox=>Fox/UPN  
 KMVU-26 Medford: Fox=>Fox/UPN  
 WQNT-27 Norfolk: ind => UPN  
 WTTB-28 Columbus OH: Fox=>Fox/UPN  
 WTTK-29 Kokomo: ind => UPN  
 WOTV-29 Buffalo: Fox=>Fox/UPN  
 KABB-29 San Antonio: ind => Fox  
 KDKL-30 St. Louis: Fox=>ABC/UPN  
 W30AP Kingsport TN: ind => UPN  
 KOOG-30 Ogden: ind => WB  
 WUHF-31 Rochester: Fox=>Fox/UPN  
 WSKI-33 Cadillac: Fox=>Fox/UPN  
 KOCS-34 Oklahoma C.: ind => UPN  
 KRRT-35 San Antonio: Fox => ?  
 A KRLH-35 Richmond: Fox=>Fox/UPN

KASN-38 Little Rock: ind => UPN  
 WOTV-41 Battle Ck.: ABC=>ABC/UPN  
 KPTM-42 Omaha: Fox=>Fox/UPN  
 KNKT-43 Topeka: ind => UPN  
 WSNR-43 Syracuse: Box => UPN  
 KSKK-44 S. Francisco: ind => UPN  
 WNCU-45 Vanderbilt: Fox=>Fox/UPN  
 WSGN-45 Greensboro: Fox=>Fox/UPN  
 WGGT-45 Dayton: Fox=>Fox/UPN  
 WHPL-46 Naples: ind => UPN  
 WJZY-46 Belmont: ind => UPN  
 WHTT-47 Jacksonville: ind => UPN  
 W47ED Findlay, OH: ind => UPN  
 KEIA-48 Las Cruces: ind => UPN  
 K49CY Austin TX: ind => UPN  
 WPKR-50 Gary: ind => UPN  
 KUSI-51 San Diego: ind => UPN  
 WPKT-51 Portland, ME: Fox=>Fox/UPN  
 WS2AE Swansville: ind => UPN  
 KAIL-53 Fresno: ind => UPN  
 WFIL-53 Cleveland TN: ind => UPN  
 W???-54 Slidell, LA: new => UPN  
 WFPT-55 Ft. Wayne: Fox=>Fox/UPN  
 WDKY-56 Danville: Fox=>Fox/UPN  
 KSCH-58 Stockton: ind => UPN  
 WTTB-58 Salem, IN: ind => UPN  
 WJYS-62 Hammond: ESS => ind  
 K62DW Lafayette LA: ind => UPN  
 KSMO-62 Kansas City: ind => UPN  
 KADY-63 Oxnard: ind => UPN  
 WSTR-64 Cincinnati: ind => UPN  
 WBSW-65 Orlando: ind => UPN  
 WQBO-66 Joliet: ind => Uni  
 "WBTR"-? Baton Rouge: ind => UPN  
 "WBSB"-? Florence SC: ? => UPN

Most of this month's column is from a posting on the Internet forwarded by Bill Hale in Meridian, Idaho. Broadcasting and Cable has printed a similar list. (they've also printed a WB list- copy-righted, so I can't reproduce it here, but most of the surprises are on UPN. Besides, B&C noted that WB has been reluctant to release an affiliate list for competitive reasons, and that their own list is incomplete. I'd appreciate hearing from any of you who have a WB affiliate in your area.)

"WBTR" is actually a network of LPTVs on several channels. At press time, UPN hadn't started operations yet, so Jeff Kruszka hasn't been able to tell me which channels will be UPN. In Findlay, Ohio, W47BD is promoting itself as "WFND-TV". And in Topeka, Kansas, the channel 43 LPTV is calling itself "KNKT" in publicity items, and signing "KTMJ" on the air- but Fred McCormack says it's definitely a LPTV, a channel change for K15BQ. See Fred's report for more information on the calls here.

### (Network changes, contd.)

"Box" for the former affiliation of WSNR-43 is not a typo. WSNR is a relatively low power station, previously carrying the Video Jukebox Network.

The W???-54 Slidell, LA is an assumption on my part. The original list simply says "TBA", but there has been recent activity on this construction permit, and it's the only open CP in the New Orleans area.

See Bruce Elving's item later in the column for more information on KNLD-21.

John Lentz has conflicting reports as to whether WVTV or WCGV is to be the UPN affiliate in Milwaukee.

I know nothing about a WWMB Florence/Myrtle Beach, unless these are new calls for the WFIL-21 CP.

It's unknown whether the WNRW secondary UPN affiliation also affects WGGT-48. The latter station currently relays WNRW under a LMA. Also unknown is whether WMTU will continue to carry some Fox programs not carried by WBBJ-7.

## FORUM

Matt Sittel, Asheville NC:

(yep, Matt moved again!) He notes that WASV-62 there is on, and most of the time is parallel to WGGG-16 Greenville SC with religion.

Fred McCormack, St. Paul MN:

Information received from Fred about the channel 43 in Topeka above also indicates the FCC has implemented its plan to issue regular call signs to some LPTVs. He says K06KZ there has changed its real, official call sign to KT MJ-LP.

While it hasn't come through the paperwork yet, Fred speculates (and I'm sure he's right) that K15BQ changed its calls to KNKT-LP when it moved to channel 43.

Fred also has the (more traditional) calls for Pharis Broadcasting's LPTV in Springdale, Arkansas, mentioned in last month's column. It's K15DR.

Regarding the Locke Supply LPTVs in Oklahoma, Fred shows several more:

K20EA	Tulsa
K31DY	Muskogee
K51EK	McAlester
K61GC	Wichita, Kansas
K68EH	Ponca City

These are all presumably satellite-fed religion. K27DM Claremore (noted in the December VUD) has an application to move to channel 63.

Fred is also able to solve Ernie Wesolowski's mystery TBN on

channel 53 in Omaha. K53EY Omaha was granted 10.5kW in January 1994, and is licensed to the same R.B. Sheldahl who owns "official" TBN affiliate K45CQ Council Bluffs.

Bill Hale, Meridian ID:

Special thanks to Bill for providing the UPN list from the Internet. Bill also says a friend in San Antonio told him Fox is moving from KRRT-35 to KABB-29. The reason given was a better tower location, at Elmendorf, Texas, southeast of San Antonio. (and where the other San Antonio transmitters are)

KRRT's tower is over 60km WNW of the other ones, in northeast Medina County near Lakehills. And Bill writes that when he lived in the area, at San Marcos, KABB "came in like gangbusters, while 35 from Kerrville was narry a ghost." I wonder how the channel 2 CP for Fredericksburg will do when/if it gets built?

Bill didn't see anything about a new UPN affiliate- UPN had been slated to go on KABB.

Also from Bill, an item from the Wall Street Journal noting that yet again, New York City is considering selling municipal TV station WNYC-31. Unlike most educational stations, WNYC holds a commercial license and could be sold to a for-profit firm.

Jack Decker, Muskegeon MI:

No, Jack isn't a member of WTFDA. Bill Hale passed along a question he asked on the Internet, and I sent a brief reply. Jack's

original question might be of interest to the general membership, so I thought I'd pass it along...

Jack lives a few miles east of Lake Michigan's eastern shore. He's trying to receive LPTV WLICF Whitehall, which is almost on the beach. And he's having serious CCI problems from WLUK-11 Green Bay, across the lake and in the same direction.

His question: "It seems as though the station [WLUK] is throwing a pretty powerful signal out in the direction of the lake. I can't imagine that they consider any part of Michigan to be part of their primary viewing area, so why on earth do they need to be sending such a strong signal in this direction?"

And, "Is it POSSIBLE to make a transmitted TV signal weaker in one specific direction, or is the pattern always roughly a circle?" "...is there any chance [WLUK] could be convinced not to send such a powerful signal in this direction? ... you'd think they'd want to keep that power directed towards the land areas where they might have viewers."

Directional antennas are very rare for TV stations. On AM, it's common to use a directional antenna to allow building a station in a place where it would be otherwise impossible: by installing an antenna that puts as little power as possible in the direction of another station, it might be possible to operate without interference.

Unlike AM, on TV the FCC has established specific distance separations between stations on the same channel. You cannot use a directional antenna to squeeze in a station where it would be otherwise impossible. And, the ERP limit (in the case of channel 11, 316kW) is applied in the direction in which you radiate the most power. (and not as the average of your power in all directions)

Because of this, directional antennas are quite rare in TV. (they are not, however, unheard of. In some places, directional antennas are used to allow a lower-power transmitter to cover two or three major cities without wasting too much power over unpopulated rural areas. In other cases, notably Denver, directional antennas are used to reduce the amount of power directed towards mountains & thus reduce ghosting.)

While it would certainly be legal for WLUK to install a directional antenna to avoid putting power over Lake Michigan, there really isn't any economic incentive for them to do it. Because directional antennas are rare for TV, they're considerably more expensive than the normal non-directional variety.

And by installing the directional antenna, WLUK is actually reducing power in all directions except the one in which their antenna radiates the most power. Viewers in other directions (Door Co., Appleton, and especially in the direction of the lake, i.e. Manitowoc) may actually suffer increased interference from WTTW-Chicago, WBKB-Alpena, and other stations.

Jeff Kruszka, Baton Rouge LA:

Regarding a channel 14 LPTV Jeff saw relaying "WTVK"-11, he called the station & was told channel 14 was their "microwave link", carrying programs from the studio to the transmitter. Jeff asks, "I don't know if I can count this as a "logging" - do you?" Personally, I would, if its indeed transmitting within the 68 TV channels.

I find that especially interesting in light of the history of W54BH in my old hometown of Madison, Wisconsin. When they first signed on as W05BD, they ran some local programming and used their UHF channel (then signing K54DB) as a remote pickup link. It was rumored they also used channel 65 for the same purpose, though I never saw it.

I don't know the LPTV regs well enough to verify that this is or isn't legal. But to my knowledge, the WTPDA guidelines don't say you can't count illegal stations. (and in my opinion, if you can figure out what & where they are, illegal stations certainly should count) Full power stations definitely can not get away with this!

Jeff has also seen an ID on K52CQ. They use "WJOY TV-52 K52CQ".

In Lubbock, Texas, Jeff notes three LPTVs on. K46CS is Telemundo; K51BX is Univision; and K62DG is the Box.

(Forum, contd.)

Bruce Elving, Esko MN:

"If you've been waiting for Duluth's newest television station to hit the airwaves, hunker down and get ready to wait a little longer."

Despite receiving an operating license from the FCC, KNLD-21 did not go on the air in April as first planned, nor did it premiere in December as later planned.

The holdup isn't technical, it's legal. KNLD plans to operate under an LMA with KBJR-6 Superior, Wis., which means the LMA must be approved by five lawyers in four states before KBJR technicians can turn KNLD's transmitter on.

KNLD will be affiliated with both the Fox and UPN networks. Until channel 21 comes on the air, UPN's flagship program, "Star Trek: Voyager", will displace NBC's programming on KBJR at 7pm Saturdays.

Bruce also has some information on UHF wireless cable in Duluth. He says local operator BSI Cable/Duluth is now running the Family Channel in the clear on channel 38, weaker than local TBN K58CM.

"I wonder if other DXers have scrambled TV on regular UHF channels in their areas?" It certainly seems a popular phenomena in Minnesota, and to a lesser degree in adjoining Wisconsin, Iowa, and North Dakota.

Jerry Stuart, Lawton OK:

(I sure hope that's your postcard Jerry, you forgot to sign it!) Jerry says KLDT-55 Lake Dallas TX is definitely on, with the same ID as when religious, but with the VIA-TV home shopping network.

He's also seen K31CM Ft. Worth with one of the Spanish networks.

Finally, Jerry asks "...how to QSL Norman OK K22?" Good question. He's already tried all the permutations on an address I'd think of, and the Postal Service keeps returning his reports...

Keith Smith, St. Ann MO:

Keith continues to write to the "Dark Stations" listed a few months back. His letters to WPTJ-19, WYDN-48, and KRPA-44 were all returned unopened, and Keith presumes all

three are dead. Probably true, though sometimes these things get "resurrected"!

WDKA-49 Paducah's letter resulted in a reply from the Chief Operator of WCEE-13 Mt. Vernon, IL who wrote that channel 49 is still in the planning stage, and could come on in the future as a satellite of WCEE. Tom Bryant has information to the same conclusion.

Ernie Wesolowski sent Keith the TV page of the *Wichita Eagle*, which lists two LPTVs. K55FS is listed as "KCTI", with general independent programming. And a TBN is listed on channel 59; this is indeed K59DA.

## DX ETC:

Wow, has there been DX here or what?! Fifteen states on UHF in three days?! 760 mile tropo to south Florida?! January has been a BIG tropo month here in middle Tennessee!

Internet mail indicates big openings have happened in other parts of the East as well. Hope your winter season has been as productive as mine!

Those of you who subscribe to *Monitoring Times* probably already know that I've taken over the "American Bandscan" column. I do not plan to drop, or make any changes to, this column because of the MT column.

73 Doug



**WIVBT V**

# FM NEWS

## February 1995

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Many of the items listed in this column are taken from the publication:  
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**KEY:**  
&: satellite programming  
AF: new freq. allocation accepted for filing for a new FM license  
CC: call change/new calls assigned  
CL: city of license change granted  
CO: new xmtr co-ordinates  
CX: a CP has expired, and is cancelled  
C1, C2, etc.: change in class status  
DA: directional antenna  
DE: calls deleted, license returned to FCC  
FC: station format change

GA: granted amendment to table of FM allocations  
GE: station was granted extension of a CP  
GX: granted replacement of expired CP  
MC: multiple-city legal ID  
NC: no change yet, on a reported pending grant/change.  
NO: station is not on the air  
NS: a new station granted a license  
NW: new station signs on the air  
PA: proposed amendment to change table of allocations  
PC>: a power change (increase)

PC<: a power change (decrease)  
PG>: power change granted (increase)  
PG<: power change granted (decrease)  
QG: frequency change for this station  
QC: frequency change granted  
RA: station returns to the air  
RE: station requests extension of a CP  
RX: station requests re-instatement of an expired CP  
SG: slogan change or update  
SI: station is silent  
XC: station granted a transmitter (xmtr) site change

### ALABAMA

Abbeville: WIZB 94.3 PG> to 3150w, 458ft, XC: 31-27-18 / 85-19-52  
Addison: \*\*\* 105.7 GA for class A  
Camden: WYVC 102.3 reported SI  
Dadesville: WDWI 88.7 NC to 100 kW but GE  
Dothan: WESP 102.5 PC> to 10 kW, 461 ft, class C3 XC: 31-13-41 / 85-21-06  
Selma: W211AD 90.1 NS-170w: WAFR 88.3 Tueplo, MS  
Warrior: WLB1 98.7 PC> to 6.2 kW, 656 ft, XC: 33-52-34 / 86-50-09, class C3

### ALASKA:

Delta Jct: \*\*\* 93.5 GA to add class A  
Houston: KADX 94.3 NO-RE  
Houston: \*\*\* 96.3 PA to add class A  
Ketchikan: KRBD 89.7 QC from 105.9, PC> to 7.8 kW

### ARIZONA:

Flagstaff: KJTA 89.9 NO-RE (2nd)  
Globe: KRFX 97.3 NO-RE (2nd)  
Ll-Havasú City: KBBC 101.1 no change to 617' but GE (14th)  
Pheonix: KCHT 96.9 CC (ex KPSN) "Classic Hits"  
Tuba City: \*\*\* 97.9 GA for class C3  
Williams: KVTF 96.7 NO-GX (2nd)  
Window Rock: KWRK 96.1 NO-GE (4th)

### ARKANSAS:

Bentonville: K201CT 88.1 NS-205w: WAFR 88.3 Tupelo, MS  
Camden: KMGC 104.5 NW  
Clarksville: K210BN 89.9 NS-250w: WAFR 88.3 Tupelo, MS  
Dumas: KXFE 107.1 NC to 106.9, but GX  
Ft. Smith: K213BV 90.5 NS-10w(v): KEAR 106.9 San Fran  
Pine Bluff: KUAP 89.7 NO-RE (4th)

### CALIFORNIA:

Avalon: KRCI 92.7 SI  
Bakersfield: KKB 96.3 CC (ex KOGQ)  
Bakersfield: KGFM 101.5 PG> to 6650w, 1299ft. XC: 35-26-17 / 118-44-22  
Brawley: KSIQ 96.1 to 294; CO: 32-57-12 / 115-30-05  
Burney: KIBC 90.5 NC to 3 kW, 1456 ft but GX  
Felton: KHIP 93.7 NO-RE  
Kings Beach: KBCH 107.7 NW, SMN adult con. (&) (L.Tahoe)  
Los Altos: KHQT 97.7 NC to 3.2 kW, CX  
Merced: KXDE 107.7 FC to all Christmas music (would expect another format change soon-gc), NW  
Modesto: \*NS 93.9 3 kW, 328 ft.  
Monte Rio: KMGG 97.7 NC to 1750w., 1200ft, XC (CX)  
Mt. Shasta: KEDY 95.3 PC> to 6 kW

### California:

Oakdale: KDJK 95.1 FC to modern rock (Modesto)  
Orcutt: KGDP 95.7 NC to 882 ft. (GE)  
Quincy: KNL 95.9 NO-RX  
Riverside: KVAR 97.5 CC (ex KHXT)  
Rosamond: K208CE 89.5 NS-62w(v): KHMS 88.5 CA  
San Jose: KSJS 90.5 QC from 90.7, class A, PC> to 400 w, 406 ft  
San Luis Obispo: KWQH 97.1 NO-RE (3rd)  
San Pablo: K201BM 89.9 NS-10w(v): KEGC 88.1 CA  
Santa Barbara: KRUI 103.3 FC to soft AC  
Santa Ynez: KAGA 105.9 NO-RX  
Shafter: KZBA 97.7 RA with "Z-Spanish" Mexican regional format, CC (ex KKBB)  
Sutter Creek: KRAZ 107.5 NO-CX (4th)  
Turlock: KBDG 90.9 PC> to 780 watts  
W.Pittsburg: KZWC 1 92.1 NS-85w: KZWC Walnut Creek  
Willits: \*NS 91.5 600 w, 1820  
Woodland: KSMF 102.5 PC< to 16 kW, 417 ft, CO: 38-35-20 / 121-43-40

### COLORADO:

Avon: KZYR 103.1 NC to 13.5 kW but GE (2nd)  
Holly: K203BW 88.5 NS-195w: KJLL 99.1 Copeland, KS  
Kremmling: KRKM 106.3 PG< to 2.5 kW, 1026 ft, C3, XC  
Silverton: \*\*\* 107.3 GA for class C  
Strasburg: KAGM 102.3 NO-RE (2nd)  
Trinidad: KCRT 92.7 NC to 15 kW, 1020 ft., but RE (3rd)  
Vail: \*\*\* 95.3 dismissed amendment here

### DELAWARE:

Seaford: WECY 98.3 FC to oldies // WSBY 98.9 MD

### FLORIDA:

Apalachicola: \*\*\* 93.5 GA for class A  
Big Pine Key: WWUS 104.7 PA: to 104.5 class C  
Century: WKG 105.1 NC to 25 kW (but RE)  
Gainesville: WYKS 105.3 QC from 105.5, now up to 459ft, CO: 29-37-52 / 82-25-18  
Graceville: WYDA 101.7 NO-GX (4th)  
Key Colony Bch: WKKB 105.5 PA: to 101.3 class C2  
Key West: WUNW 90.1 NO-RX (2nd)  
Key West: WSKP 107.9 NW



## FM NEWS

### Florida:

Marco: WGUF 92.7 FC to jazz  
Marianna: WJAO 100.9 PC> to 6 kW  
Naples: WSRX 89.5 NC to 20 kW but GE  
Naples: WNOG 93.5 PA: to 104.7 class A  
Orlando: WUCF 89.9 PC> to 4kW(h), 40kW (v), 194 ft.  
Palatka: WHIF 91.3 NO-RE  
Pt.Charlotte: WVJ 91.7 NC to 3.8 kW but RE  
Tampa: WUSF 89.7 NC to 72 kW, 941 ft. but GE  
Tice: WAAD 93.7 PA: to class C2 from class A  
Union Park: WEAZ 88.3 NO-RE

### GEORGIA:

Adel: WDDQ 92.1 NC to 4.2 kW, 390 ft but RE (3rd)  
Douglas: WKZZ 92.5 NO-RE  
Smithville: WZIQ 106.9 NW  
Zebulon: WEKS 92.5 NO-GE

### HAWAII:

Aiea: KGMZ 107.9 NW, with rock // KAOI 95.1 Waiuku  
Halfimaile: KPMW 105.5 NW, Filipino ethnic programming address: 230 Hano Hwy, phone: 808/871-6251  
Hilo: KPVS 95.9 NO-RE  
Hilo: KWXX 94.7 PC> to 100 kW, -758 ft., CO: 19-47-02 / 155-05-25

Honolulu: KKL 98.5 adds Mark & Brian show  
Honolulu: KORL 99.5 NO  
Kamuela-Honokaa: K276DX 103.1 250w: KAOY 101.5 HI  
Kaneohe: KBLZ 104.3 NO  
Kawaihae: KWYI 106.9 SG "Y-FM" (alc format)  
Lahaina: KLHI 101.1 FC to oldies  
Lanai City: KONI 104.7 SG "Koni 104.7", with hot ad.con. MC: with Kihei  
Paauli: KNUQ 103.7 CC (ex KILU), FC to adult. cont. "Q103", MC: Kihei  
Pearl City: KUCD 101.9 CC (ex KUPU), NO  
Princeville: \*\*\* 92.9 GA for class C1

### IDAHO:

Coeur d'Alene: KPVS 102.3 NO-CX-DE  
Rexburg: KRKX 98.1 PC> to 100 kW, 564 ft., C1 CO: 43-32-34 / 111-53-07

### ILLINOIS:

Decatur: WNLD 88.3 NW  
Edwardsville: WJSI 88.7 PG< to 36 kW, 582 ft.  
E.St.Louis: WVRV 101.1 CC (ex WFXB), "The River"  
Effingham: W217AM91.3 NS-55w: WAFR 88.3 Tupelo, MS  
Galva: WHHK 102.5 CC (NS)  
Kankakee: W201AW 88.1 NS-120w: WAFR 88.3 Tupelo, MS  
Monee: WGNR 88.9 NW  
Mt.Vernon: WAJT 102.1 CC (NS)  
Spring Vly: WAIV 103.3 adds Major-talk

### INDIANA:

Crawfordsville: WNDY 106.3 still SI, expected to return though to be variety, non-comm // WVXU 91.7 Cincinnati  
Jeffersonville: WQMF 95.7 PC< to 28,580w, 644 ft, XC: 38-08-16 / 85-56-05

Kentland: \*\*\* 101.7 GA for class A  
Richmond: WFMG 101.3 FC to adult contemporary  
Spencer: WSKT 92.7 adds JSN "CD Country" (&)  
Terre Haute: W220BB91.9 NS-120w: WAFR 88.3 Tupelo, MS

### IOWA:

Brooklyn: KSKB 99.1 NC to 99.3 50 kW but RE (2nd)  
Estherville: K221DO 92.1 NS-76w: KJLY 104.5 MN  
Grundy Ctr: KGCI 97.7 PC> to 16kW, 407 ft, C3 CO: 42-23-28 / 92-31-57  
Hampton: KRNQ 98.9 NO-RE (2nd)  
Madrid: \*\*\* 96.1 GA for class A  
New Sharon: KWCN 99.9 NO-RE  
Sageville: \*\*\* 106.1 PA for class A

## FEBRUARY 1995

### KANSAS:

Emporia: KGZF 99.5 NO-RE (4th)  
Horton: KERE 93.7 NW in January with country  
Quinter: K207BP 89.3 NS-232w(v): KJLL 99.1 Copeland

### KENTUCKY:

Hawesville: WKCM 105.7 PA: to 97.1 class A  
Lexington: W241AB 107.3 NS-20w: WJMM 106.3 Nicholasville  
London: WYGE 92.5 NO-GE (2nd)  
Nicholasville: WLRO 102.5 CC (ex WCKU) "Arrow"  
Owingsville: WKCA 107.1 QG to 107.7 A-PG> to 3.5 kW, 371ft XC: 38-11-16 / 83-46-34  
Valley Str: WQNF 105.9 PG< to 1264 w., 500 ft, XC: 38-08-16 / 85-56-05

### LOUISIANA:

Alexandria: K203BV 88.5 250w: WAFR 88.3 Tupelo, MS  
Lacombe: KPFX 94.7 NO-CX  
Lake Arthur: \*\*\* 107.3 GA for class C3  
Lafayette: K209BS 89.7 170w(v): KEAR 106.9 San Fran  
New Orleans: WRNO 99.5 FC to mostly 70's, "The River"  
Thibodaux: KLNO 90.5 CC (NS)

### MAINE:

Madison: WHAA 97.5 NO-GE (5th)

### MARYLAND:

Ocean Pines: WLFX 97.1 PG< to 4.6 kW, class A, DA

### MASSACHUSETTS:

Orange: WFUB 97.3 NO-RE (4th)

### MICHIGAN:

Bronson: WCV 94.7 NO-RE (2nd)  
Hudson: WMXE 102.5 CC (ex WAHU)  
Manistique: W260AF 99.9 NS-6w: WHWL 95.7 Marquette  
Midland: WUGN 99.7 NC to 99.7 ft, RE (3rd)  
Pentwater: WSAB 94.1 NO-GE (4th), XC  
Pickford: WADW 105.5 NO-RE  
Sandusky: WTVG 97.7 up to 325; CO: 42-23-28 / 92-31-57

### MINNESOTA:

Blooming Prairie: KOWZ 100.9 CC (ex KJST)  
Duluth: W203AL 88.5 NS-7w(v): KEAR 106.9 San Fran.  
Hibbing: KADU 90.1 NW  
Marshall: K227AF 93.3 NS-250w: KKCK 99.7 Marshall  
Minneapolis: KTIS 98.5 PG< to 37 kW, 315 ft, XC  
Waite Park: KLZZ 103.7 NC to 25 kW, GX (2nd)  
Worthington: KITT 93.5 NW

### MISSISSIPPI:

Greenwood: WGRM 101.9 PC> to 6 kW  
McComb: W213AO 90.5 NS-38w: WAFR 88.3 Tupelo, MS  
McLain: WXAB 96.9 NO-GE  
Olive Branch: WRXQ 95.7 CO: 35-04-25 / 89-51-27  
Tupelo: WAJS 90.9 CC (NS)

### MISSOURI:

Branson: KLFC 88.1 262ft, CO: 36-33-06 / 93-14-17  
Buffalo: KBFL 99.9 PA to change: class A to C3, this ties in with the KHST Lamar, MO proposal  
Camden: KCV 91.7 announced list of translators: K201AA 88.1 Bolivar, K207AY 89.3 St.Robert (Fort Leonard Wood area), K208BO 89.5 Warsaw (Truman Lake area), K209AP 89.7 Sedalia, K211AC 90.1 Jeff City, K213AG 90.5 Rolla, K225AB 92.9 Knob Noster/Warrenton, K247AB 97.3 Blue Springs/K.C., and K248AA 97.5 Prairie Home/Boonville/Columbia  
Jefferson C: KTX 106.9 FC, moving towards hot AC and using the "Y107" slogan, rumored to perhaps be going country, with hot ac moving to 94.1 California, MO  
Lamar: KHST 99.9 PA to change to 101.7 A  
Memphis: K218BU 91.5 NS-250w: WAFR 88.3 Tupelo, MS  
Neosho: KNEO 91.7 QC from 91.5, class A, PC> to 2750 w., 374 ft, XC: 36-52-49 / 94-26-59  
PLookout: KSMS 91.7 CC (ex KCOZ)  
Poplar Bluff: KZMA 103.5 NO-GE (4th)

**FM NEWS**

**FEBRUARY 1995**

**Missouri:**

Richmond: KAYX 92.5 RA with religion // KCCV 92.3 Olathe, KS (serving eastern reaches of K.C. market)  
 Rolla: KQMX 94.3 QG to 97.5, 6 kW, 292 ft.  
 St.Louis: KLOU 103.3 SG "Oldies 103"  
 Warrenton: KFAV 99.9 FC to classic hits, still "V100"

**MONTANA:**

Darby: K218BT 91.5 NS-36w; KILA 90.5 Las Vegas  
 Great Falls: KMON 94.5 NC to 48 kW, 1931 ft, XC: CX  
 Havre: KNMC 90.1 PC> to 380w., 728 ft. class A  
 CO: 48-32-31 / 109-41-17

**NEBRASKA:**

Auburn: KCOE 105.5 PG> to 6 kW, 328 ft, XC  
 Grand Is: K211CJ 90.1 NS-250w(v); KEAR 106.9 San Fran  
 Lincoln: KFBN 88.5 NO-RE (2nd)  
 N.Platte: KJLT 94.9 PC> to 100 kW, 754 ft, XC:  
 40-59-49 / 100-52-47  
 Omaha: KKCD 105.9 PC> to 50 kW, 478 ft, C2, XC:  
 41-12-04 / 95-57-12  
 Sargent: KNJP 92.1 NO-RE  
 W.Point: NC to 100 kW, 548 ft, but RE (2nd)

**NEVADA:**

Gerlach: KGLH 91.5 NO-CX-DE  
 Indian Sp: KPXC 99.3 NO-RE (5th)  
 Las Vegas: KOMP 92.3 NC to 23 kW, but GE (5th)  
 Pahump: KFBI 107.5 increase to 3736 ft.

**NEW HAMPSHIRE:**

Campton: WVFM 105.7 NO-RE (6th)  
 Manchester: WLMW 90.7 NO-RE (2nd)

**NEW JERSEY:**

Branchville: W297AC107.3 NS-on the air (WAWZ 99.1 Zarepath, NJ), note-107.3, NOT 105.7  
 Bridgeton: WNJB 89.3 NO-RE (3rd)  
 Hackettstown: W284AF 104.7 NS: 10w; WRNJ 107.1 NJ has been noted on the air  
 Pleasantville: WMID 99.3 NC to 3 kW, but RE

**NEW MEXICO:**

Alamogordo: \*NS 103.7 NO-GX  
 Belen: KARS 97.7 NC to 100 kW, GX (4th)  
 Hobbs: KOKN 102.9 NO-GE (3rd)  
 Socorro: KRRA 92.9 NO-RE (2nd)

**NEW YORK:**

Buffalo: WGRF 96.9 NC to 22.4 kW, 712 ft. but RE (5th)  
 Canton: WXQZ 101.5 NO-GE (4th)  
 Coming: W273AC102.5 NS-25w; WOKN 99.9 Southport  
 Cortland: Will 99.9 CC (ex WYYS), FC to adult album alternative (AAA), "I-100" slogan (Ithaca)  
 Henrietta: WBEB 90.5 NC to 50 kW, DA but RE  
 Middletown: W295AA 106.9 noted on air (x: WRWD 107.3)  
 New York: WQCD 101.9 NC to 6.2 kW, 1355 ft, CO: 40-44-54 / 73-59-10

New York: WRKS 98.7 PC> to 6 kW

**NORTH CAROLINA:**

Durham: WNCU 90.7 NO-RE (3rd)  
 Harker's Is: WAED 100.3 NO-RE  
 Hatteras: WYND 97.5 NO-GX (4th)  
 Ocracoke: WAHL 92.9 NO-RE  
 Raleigh: WCOPE 89.7 up to 1187 ft, DA, class C  
 Tabor City: WYNA 104.9 GA: to 104.9 C3, CL: Calabash, NC  
 Waxhaw: WLWW106.1 NO-GE (3rd)  
 Williamston: WCBZ 103.7 FC to classic rock  
 Wilmington: WKQK 90.5 NO-RE (2nd)

**NORTH DAKOTA:**

Fargo: KFNW 97.9 NC to 1000 ft., but RE

**OHIO:**

Greenfield: WVNU 97.5 PG> to 3,250 watts  
 Millersburg: WKLM 95.3 granted change DA to non-dir.  
 Reading: WMKV 89.3 NO-RE  
 Richwood: \*\*\* 104.3 GA change: from class A to B1  
 Union City: WTGR 97.5 NW  
 Van Wert: \*\*\* 93.9 GA for class A  
 Zanesville: WCVZ 92.7 PC> to 16 kW, 407 ft, B1  
 XC: 39-42-52 / 82-04-10

**OKLAHOMA:**

Bixby: KJMM 105.3 NW, with urban (Tulsa market) CC (ex KRMP) "Jamm", runs Tom Joyner show  
 Broken Arrow: KCMA 92.1 FC to 70's oldies (Tulsa market)  
 Idabel: KBEL 96.7 CX for 25 kW  
 Lawton: KMGZ 95.3 NC to 6 kW, 302 ft but GE (4th)  
 Magnum: \*\*\* 97.7 GA for class A  
 Roland: KYUC 92.3 NO-RE (3rd)  
 Stillwater: KXPX 105.5 CP (listed as new, I think that this should read ex: KGFY-gc)  
 Tishomingo: KTSH 106.3 NO-GX (5th)  
 Woodward: K300AH107.9 NS-115w; KREJ 101.7 KS

**OREGON:**

Bandon: \*NS 96.5 7.5 kW, 590 ft.  
 Coos Bay: KDCC 93.5 CC (NS)  
 Coos Bay: K219CK91.7 NS-23w(v); KEAR 106.9 San Fran  
 Enterprise: K202BZ 88.3 NS-10w; KMBI 107.9 Spokane,WA  
 Eugene: KSKD1107.1 NS-250w(v); KSKD Sweet Home  
 Redmond: KSJJ 102.9 up to 886', CO:44-02-48/121-31-53  
 Springfield: KQFE 88.9 PG< to 750 w.

**PACIFIC ISLANDS:**

Garapan: KPXH 100.3 NO-RX (2nd)  
 Is. of Saipan: \*NS 88.1 1.8 kW, 125ft. N. Mariannas College

**PENNSYLVANIA:**

Bradford: W257BA 99.3 NS-6w; WQRM 106.3 Smethport  
 Kane: WPSB 90.1 CC (NS)  
 North East: WRKT 100.9 NC to 4.2 kW, 797ft, DA but GE  
 Salladasburg: WFRY 95.5 RA with news-talk // WRAK 1400 (see Williamsport 107.9's silence)  
 Sellersville: WBVO 88.9 NC to 900w but GX  
 Williamsport: WRAS 88.1 PC> to 494w, XC: 41-14-11 / 77-1-32  
 Williamsport: WRAK107.9 SI (format moves over to 95.5)

**PUERTO RICO:**

Ponce: WTPM1 92.9 NS-3880w; WTPM Aguadilla

**RHODE ISLAND:**

Providence: WELH 88.1 NO-GE (2nd)

**SOUTH CAROLINA:**

Greenwood: WSCZ 96.7 adds SMN Country (&)  
 Moncks Corner: WJYQ 105.5 NC to 105.3, but RE (3rd)

**SOUTH DAKOTA:**

Aberdeen: K219CM 91.7 NS-29w; KTSD 91.1 Reliance  
 Dell City: \*\*\* 95.7 PA to add class C3  
 Pierre: K241AF 96.1 NS-27w; KTSD 91.1 Reliance  
 Rapid City: \*\*\* 106.3 PA to add class C  
 Sisseton: KSWS 88.3 NW  
 Spearfish: KBHU 89.1 NC to 11 w, -348 ft but GX  
 Vermillion: KVHT 106.3 NC to 50kW, 410 ft, RE (2nd)  
 Volga: KKQQ 102.3 PC> to 25 kW, 243 feet.

**TENNESSEE:**

Centerville: W255AF 98.9 NS-10w; WNAZ 89.1 Nashville  
 Cookeville: WWOQ 90.9 NW, southern gospel // WTHL 90.5 Somerset, KY  
 Kingsport: WPG8 88.3 NO-RE (3rd)  
 Morristown: WMMK 95.9 PG< to 920 w, 817 ft, XC: 36-13-42 / 83-19-57 (This was noted to have moved to 95.7 tho-gc)  
 Shelbyville: WYQC102.9 GX for 820 ft. height

**FM NEWS**

**FEBRUARY 1995**

**TEXAS:**

Abilene: KFXJ 92.5 NO-GE (4th)  
 Abilene: K217CB 91.3 NS-250w; WAFR 88.3 Tupelo  
 Beeville: KTKO 104.9 NC to 105.7 & 25 kW, GE (2nd)  
 Belts: \*\*\* 92.9 PA for class A  
 Crystal Bch: KTKX 101.5 NO-RE  
 Denton: KDZR 99.1 FC to Spanish reportedly coming  
 Friona: KGRW 94.7 NW  
 Hutto: KIKY 92.1 RA with country  
 Pecos: K217CC91.3 NS-10w; WAFR 88.3 Tupelo,MS  
 Pt.Comfort: KAJI 94.7 CC (NS)  
 Rosenberg: KMPQ 104.9 FC to regional Mexican format // KLTN 93.3 Port Arthur  
 San Saba: \*\*\* 97.1 GA for class A  
 Tyler: K243AE96.5 NS-99w; KKTX 96.1 Kilgore

**UTAH:**

Centerville: KUMT 105.7 NC to 25.5 kW, XC, but GE

**VERMONT:**

Rupert: WMNV104.1 NC to 2.6 kW but RE (3rd)

**VIRGINIA:**

Alberta: \*\*\* 103.1 GA for class A  
 Bridgewater: WAMM105.1 PC> to 6kW, 328 ft.  
 Harrisonburg: WMRA 90.7 PG< to 10.5 kW, 1046 ft.  
 Hot Springs: WBHA107.1 NO-RE (4th)  
 Mechanicsville: WCDX92.7 NC to 92.1, 4.5 kW but RE (2nd)

**WASHINGTON:**

Dishman: KWQL 106.5 NO-GE (2nd)  
 Naches: KYKA 96.9 adds SMN oldies (&) (Yakima)

**WEST VIRGINIA:**

Fisher: \*\*\* 103.7 GA for class A  
 Princeton: WAEY 95.9 PC< to 480w/1141', XC-RE (3rd)

• Thanks this month go out to Doug Smith, Matt Sittel, John Lentz, Scott Fybus, Bill Hale, Tim Noonan, Paul Mount, Rick Shaftan, Bruce Hall, Mike Lazaro, Saul Chemos, Paul Swearingen, and of course the people at M Street Journal! Also, thanks go out to Mike Lazaro, George Greene, Doug Smith, and Matt Sittel for sending in logos!

• Rick Shaftan has noted a translator of Philly's WXPB 88.5 on 104.9, coming in the best in a northerly direction. Not sure what this is, but I will keep you posted if I hear anything!

• Good to see that there will be a 1995 WTFDA Convention-in the Boston metro area. I would like to thank Peter George for offering to host the event, and I am sure that he will do an excellent job! Looking forward to attending if my schedule permits!

• Paul Swearingen sends in an article from the *Topeka Capital-Journal*, concerning the debut of a new FM radio station in that market. The article deals with the sign on of KQTP 102.9 St. Marys, Kansas recently. (The article does not mention it, but M St. Journal lists its sister as being country KTPK 106.9-with KQTP being owned owned by Shawnee Broadcasting Corp.) The format is oldies, with a power of 50 kW. According to station manager Lou Constantino, the station features "a format of top-40 songs from the 1950s, 60s, and 70s" and will be on the air 24 hours. Constantino claims that oldies is such a huge format around the country because "One thing about oldies, everybody likes oldies" (I might beg to differ on that, hi-gc).

**WISCONSIN:**

Appleton: WEMI 91.9 CC (ex WAAU)  
 Brookfield: WLJU 106.9 NO-but WFMR 98.3 (classical) has purchased this station-maybe it will be classical?  
 Dickeyville: \*\*\* 101.1 PA for class A  
 Eau Claire: WHEM 91.3 NO-RE (3rd)  
 Iron River: WNKR 107.3 NW, soft adult contemp.  
 Ladysmith: WLDY 93.1 PC< to 4850w., 358 ft, CO: 45-27-59 / 91-07-23  
 Madison: WIBA 101.5 dec to 1013 ft, XC: 43-03-21 / 89-32-06 (I assume the soon-to-be Madison tower farm-gc)  
 Madison: WERN 88.7 PG< to 21.5 kW, 1264 ft, DA  
 XC: 43-03-21 / 89-32-06 (see WIBA 101.5 comments)  
 Menasha: WAAU 100.3 CC (ex WEMI)  
 Stevens Pt: WMGU104.9 NC to 25 kW, CL: Marathon, WI but GX (2nd)

**WYOMING:**

Kemmerer: \*\*\* 107.3 GA for class A  
 Rock Sp: KUWZ 90.5 NW  
 Thermopolis: \*\*\* 98.3 GA for class A

**CANADA:**

**BRITISH COLUMBIA:**

Nanaimo: CKWV 102.3 NW, on air with soft rock format and "The Wave", replacing CHUB-AM 1570

**ONTARIO:**

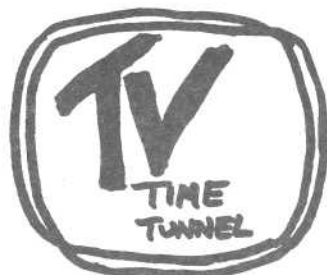
Orangeville: CIDC 103.5 FC to dance format "Hot 103.5" (co-owned with CING 107.9 Burlington "Energy 108" Hot 103.5 will hope to bring their format a cleaner signal into Metro Toronto North, but no simulcast expected.



He expects to draw ratings from the "four strong radio stations in Topeka" (the top 4 ratings getters listed in M St. are A/C KMAJ 107.7-15.1, C&W WIBW 97.3-14.4, C&W KTPK 106.9-11.5, and news/talk WIBW-580-6.8). He also expects to draw audience from "a Kansas City oldies station" (presumably KCMO 94.9), but does not feel that the market is too saturated for the format. The target audience is listeners in the age 35 to 49 range. Paul adds that the KQTP calls are only used on the hour, with a non-ID of "Oldies 102.9", with a multi-city legal ID, but always including the city of Topeka.

• Mike Lazaro sends in the radio column "Fine Tuning" by Keith Marder, from the 12/28/94 edition of the *Albany, NY Times-Union*. The article deals with the changes reported in the Jan. column at WKOL 97.7 Amsterdam, NY, which had recently been satellite delivered adult contemporary. In December, with much fanfare, the station adopted an "All Christmas music" format. But that did not last long, as on noon Christmas Sunday-after playing "The Messiah", they changed to their new format of all classical, and a "W-Bach" slogan. (So there may be a pending call change). They hope to focus on familiar classical music, from artists such as Beethoven, Bach, and Brahms, and things like the "1812 Overture". The station manager, Neal Hunter, claims that the attempt at Christmas music was legit, but Marder, and I as well, am skeptical that it was probably a publicity stunt (which has been tried before).





EDITED FOR THE WTFDA AND "VHF/UHF DIGEST"  
BY TOM BRYANT, 849 TODD PREIS DRIVE, NASH-  
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Whoever made the statement that truth is a thousand times stranger than fiction must have known about the 1961 version of the late news at KXGN-tv. Although 35 years have clouded the memory cells a bit, what you're about to read is true...perhaps embellished a bit for dramatic flair, but basically an accurate verbal picture of a most unorthodox radio and tv operation.

#### O N E M A N S H O W

It's late summer of 1964. The locale is Eastern Montana. Your editor and two co-workers from CJOB in Winnipeg are winding up a marathon two week vacation that had taken us to Vancouver, San Francisco, Los Angeles, Tijuana, Salt Lake City and Yellowstone Park; and in another 12 hours, back to Winnipeg. Our goal had been to see the sights of the west, visit some radio and tv stations, and mooch accommodations from relatives to keep the cost down.

In all respects the trip had been a great success. We accomplished exactly what we'd set out to do and were armed with several hours of aircheck tapes and lots of 35mm color slides to prove it.

We had visited the likes of CKNW, CHQM, CKWX, KNBC (now KNBR) and KFI. There was even a quick stop at XEC in Tijuana (where the brightness of a light bulb determined correctness of transmitter adjustment). Thus, it seemed anticlimactic to even consider a stop at KXGN AM-TV in Glendive, Montana...but we did...and it was a real eye-opener!

As we rolled through town on U.S. 10 the last rays of sunlight drew our attention to a one bay 'bat-wing' antenna roof-mounted on a one story building. We knew this was a small operation...but...! A thorough investigation now seemed mandatory!

Undeterred by the locked front door, we managed to find an open entrance at the rear of the building. As we entered, we spotted a guy loading slides. After introductions he very courteously showed us around. The tour didn't take long...it was a small operation.

The RCA tv transmitter was snuggled up against the back wall of what also served as the tv master control room. There was a film chain with a couple of 16mm projectors and a drum-type slide projector. On the wall opposite the transmitter was a rudimentary audio/video switching console. Nothing fancy here...no special effects, no fades, no wipes. According to our host they just 'er punched 'er up and let 'er rip."

Every now and then the fellow would excuse himself and duck into what appeared to be some sort of audio production facility. We were surprised to find out that the little cubbyhole was the AM side of the operation. Oh...sure it was small, but they had mike jacks in the 'big' tv studio...and even originated live talent programs...with real live musicians!

By now it was beginning to dawn on the three of us that the fellow who was showing us around was the only person in the building. That meant that he was in charge of both the AM station on 1400 and channel 5, KXGN-tv. Accustomed to larger operations like the CBC (where it took at least 2.784 people to do one person's work) we were Flebbergested!

But the biggest surprise was yet to come! About 9:45 PM our host told us that he was coming up on a busy period and would have to leave us on our own. We were welcome to stay...and we did! The local newscast at 10 o'clock was a sight to behold. I only wish that camcorders had existed back then, because what I'm about to describe almost needs visual proof to be believed. Trust me...it did happen...I saw it!

In the 15 minutes prior to news time, our Montana broadcast acquaintance loaded film reels onto both projectors, then pulled a handful of slides, loaded the drums, and left the remainder in a neat stack next to the machine. Next came a quick trip into radio where a pre-recorded long play tape was loaded to replace the syndicated show that had been airing from a vinyl disc.

This was one busy man!

We kept expecting a newscaster to come rushing in at the last minute (news people have a tendency to run late, you know) but as 10 PM neared it became apparent that our host was indeed a one man show. Yes, he was the radio announcer, the engineer, the projectionist, the master control operator, the lighting director; and was about to put on some more hats as he became tv newscaster and camera operator.

A rather plain backdrop on wheels was rolled into place between the film chain and the control panel. It served a dual purpose...to mask noises from the film equipment...and act as backdrop for the announcer. The guy donned one of those Electro-Voice lavalier mikes about the size of a bratwurst sausage and sat down on a stool in front of the controls.

The flip of a couple of switches flooded the area with enough light to do open heart surgery...and revealed the remote controlled vidicon camera in the 'big' studio. The camera was set to shoot through the large window into the control room; and our busy beaver was now panning and tilting with a joystick remote on the console to get himself centered in the picture (a tight shot that cropped out equipment, lights, etc.).

The ½ hour film program was ending...an ID slide was punched up...our host keyed his mike and gave an ID...mike off...slide change...mike on for live news intro...punch up live camera...look at camera...start reading news copy stacked on top of the control console.

About 3 minutes into the newscast there was a commercial break. The fellow rolled film spots which had been spliced together in the proper order and separated by white leader. While the film rolled, he hopped off the stool and darted back to reload the slide drums. A couple of minutes later he was back on the stool...on camera...and forging onward with more news. 10:09...another break...another trip back to re-cue film...back on the air with weather and sports. It seemed like it had been an eternity, but just 15 minutes after it had started the news slide re-appeared on the screen and the newscast was over. The Kleig lights were doused, the camera shut down, and film was rolling for the "Late Show".

As spectators, we were exhausted...and we hadn't done anything but watch! What this guy had gone through in 15 minutes was simply mind-boggling. Not only was it an almost impossible task...he'd done a credible job of news reporting...without a single technical glitch.

We had stayed longer than planned, and by 10:30 goodbyes had been said and we were back on the road...listening to KXGN. Was it live, or was it Memorex? More likely a small miracle in a small Montana prairie town.

In reflecting back on this unlikely scenario of nearly 35 years ago I've often wondered if our KXGN star made a penny over minimum wage. Maybe, as he must have had a first class ticket to operate the transmitters...but whatever his salary, it wasn't enough.

One other question that went unanswered was the origin of the news copy. Surely there must have been other people around during office hours, and I suppose the copy was written by one of them. So much for late-breaking stories (I never did see anything that resembled a newsroom).

Today, KXGN-tv is still alive and well in the smallest market (ADI) in the U.S. It is owned by WBKB-tv in Alpena, MI; the next-smallest market. Now they have videotape and satellite feeds and color...and hopefully... more than one person running the place during the night shift.

# EASTERN TV-DX

Stephen West  
26 Dougherty Blvd. G-8  
Glen Mills, PA 19342

(610) 358-2648

February 1995

Deadline: 5th

Only a few reports this month, with good tropo conditions continuing this winter. Very little skip was reported. A very unusual winter for DX and weather this year.

Jeff Wolf, 2217 Drury Road, Silver Spring, Maryland 20906

December 1994

22 tr 2201 WHP-21 PA  
WHIM-27 PA  
WLVT-39 PA  
WFMZ-69 PA  
2213 WNEP-16 PA  
WYBE-35 PA

Most loggings are new, due to starting totals at the new location.

December 1994

22 tr 2216 WYBE-35 PA  
2225 WIVE-51 PA  
WBRE-28 PA  
2243 UNID-23 OH (t)  
WITF-33 PA  
WVIR-29 VA **strong!**

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

Equipment: Sears 19" color stereo TV; Archer VU-160 for VHF; RS corner-reflector for UHF. with CM-7475 preamp.

December 1994 DX

4	Tr	1928	KSPR-33	MO	(329)	11	Tr	1911	WEMT-39	TN	(244)
5	Tr	0003	KAIT-8	AR	(217)				Note #2		
			KTXH-20	TX	(677)			1928	WSBN-47	VA	(249)
			KVVV-57	TX	(680)			1937	WGNX-46	GA	(236)
			KRIV-26	TX	(677)				Note #1		
		0026	KARD-14	IA	(415)			2021	WLOV-27	MS	(212)
			KTHV-11	AR	(323)			2031	KASN-38	AR	(319)
			KNOE-8	IA	(406)			2035	WMTU-16t	TN	
		0042	WMAV-18	MS	(207)				Note #3		
			KDEH-27	MO	(328)				KTFJ-19	AR	(208)
		0045	KMSS-33t	IA				2046	WMAV-18	MS	(207)
		0056	WLOV-27	MS	(212)			2109	KARD-14	LA	(415)
		0115	KLTJ-22	TX	(680)				WBMG-42	AL	(201)
		1005	WTTO-21	AL	(201)				WFIQ-36	AL	(131)
			WBSG-63	GA	(252)			2329	KAIT-8	AR	(217)
		1009	WJSU-40	AL	(200)	12	Tr	0158	KOIR-10	MO	(329)
			WBMG-42	AL	(201)				WTVA-9	MS	(212)
		1018	WHNO-20t	IA		14	Tr	0750	WICS-20	IL	(268)
		1023	WGNO-26	LA	(472)				WRSP-55	IL	(268)
			WGNX-46	GA	(236)			0800	WGRB-34	KY	
		1040	KNOE-8	IA	(406)				Note #4		
		1059	WJSP-28	GA	(279)			0849	WKOH-31	KY	(101)
7	Tr	0007	WJSU-40	AL	(200)	15	Tr	0029	WTTO-21	AL	(201)
		0008	WSST-55	GA	(361)				WBMG-42	AL	(201)
			WHSB-63	GA	(252)			0930	WKZX-28	TN	(98)
			WVEU-69	GA	(236)			2015	WMC-5	TN	(175)
			WGNX-46	GA	(236)	17	Tr	2032	WLOV-27	MS	(212)
			Note #1						WMAV-18	MS	(207)
		0014	WTLK-14	GA	(181)			2127	WSTR-64	OH	(238)
		0016	WLTZ-38	GA	(298)			2131	WTVA-9	MS	(212)
			WARM-68	AL	(202)			2132	KARD-14t	LA	(405)
			WMT-41t	GA				2133	KRIV-26	TX	(677)
		0059	WCOV-20	AL	(283)			2150	W57BV	AL	(131)
		0100	WATI-36	GA	(236)				W53AF	MS	(146)
		0105	WALA-10	AL	(395)			2200	WMAO-23	MS	(286)
		0110	WAKA-8	AL	(293)	21	Es	1006	unIDs to	89.7	FM.
		0114	WXIA-11	GA	(239)						
		0251	WMAZ-13	GA	(321)						

(Continued)

Eastern TV-DX

February 1995

Doug Smith (continued)

December 1994

24	Tr	1012	KARD-14	LA	(415)					(again!)
		1020	WTVA-9	MS	(212)					
		1020	WTTO-21	AL	(201)					
		1934	WICS-20	IL	(268)					
			WRSP-55	IL	(268)					
		2001	WTJP-16	IL	(338)					legal ID
			WTVP-47	IL	(322)					
		2059	KYOU-15	IA	(422)					Fox 15, legal ID
		2107	KHOA-7	(IL)	(338)					
		2109	WGEM-10	IL	(337)					
		2113	KSPR-33	MO	(329)					
		2147	KOZJ-26	MO	(415)					
		2147	KOZK-21	MO	(329)					// above
		2200	KRCG-13	MO	(317)					local news
		2221	KOMU-8	MO	(331)					local news
		2359	KPLR-11	MO	(230)					
25	Tr	0130	KETC-9	MO	(232)					
			WHSI-46	(MO)	(232)					
25	Es	1101	unID ABC-2	o/WKRN:	reached ch. 4 at 11:30 but gone by noon.					
26	Tr	0900	WFYI-20	IN	(246)					
			WHMB-40	IN	(246)					
			WXIN-59	IN	(246)					
			WIIR-63	IN	(214)					
		0930	WMCC-23	IN	(266)					
			WCLJ-42	IN	(214)					

- Note 1: On Dec. 7, WVEU was airing a CBS movie w/network promos, but WGNX aired a 2-minute promo for their upcoming CBS affiliation. On Dec. 11, WGNX was seen with CBS, on their first night as an affiliate.
- Note 2: Local WHTN-39 off for two days.
- Note 3: With Fox programming, WMTU used to be a 100% satellite of (non-Fox) WLMT-30. I wonder if it now carries some Fox? Not much else makes sense here.
- Note 4: No longer relays WKNT-40, but it's still a Fox affiliate.

William R. Hepburn 35 Lockwood Rd. Brampton ON L6Y 4T7 CANADA

Rcvr: Panasonic PC-29XF40R TV, JVC HR-D630U VCR & Icom IC-R100 Rcvr  
Ant: attic VHF dipoles & 2nd floor UHF 4-bay

NOVEMBER 1994 (EST)

11	TR	2359	WNDU-16	IN	357
12	TR	0022	WANE-15	IN	328
			0257 unid ATV tt 425.75		
20	TR	1144	WANE-15	IN	T
		1159	WNDU-16	IN	357
		1201	W39AQ-39	OH	T
			(@ offset)		

DECEMBER 1994

21	TR	0036	WANE-15	IN	328
		0037	WFLD-32	IL	T
		0039	SBN 16.46	IN	T
		0358	WTJC-26	OH	334
		0402	unid ATV aud 425.75		
24	TR	1957	WNDU-16	IN	357
		2007	WANE-15	IN	328

DECEMBER 1994

26	TR	0538	W14AH-14	NY	223
			Binghamton (TBN)		
27	TR	1850	WCET-48	OH	398
			1854 FwA 15.21,33.39 IN 328		
			1855 WTJC-26 OH 334		
			1856 Day 16.22.45 OH 357		
			1857 W60BJ-60 OH T		
			(- offset)		
			1858 (WSTR)-64 OH 398		
			(ex-WIII)		
			1900 WTVQ-36 KY 458		
			Lexington		
			1904 WKMR-38 KY 424		
			Morehead		
			1907 Lou 15.32 (IN) 483		

DECEMBER 1994

27	TR	1910	WKYT-23	KY	T
			WKYT-27	KY	T
			1911 WTHU-30	IN	468
			1912 WNIW-34	IN	356
			1924 WBPY-33 WV	379	
			Huntington-Charleston		
			1948 WKOI-43 (OH)	381	
			1951 WTSF-61 (WV)	387	
			Ashland KY		
			2010 WTAP-15 (OH)	312	
			2011 WOUB-20 OH	325	
			2027 WQED-13 PA	222	
			Pittsburgh (u/CKCO)		
			2321 WFYI-20 IN	421	
			Indianapolis		
			2327 WKON-52 KY	441	
			(s/off)		
			2329 WPTO-14 OH	385	
			2332 WPBO-42 OH	T	
28	TR	0010	WFTE-58	IN	T

- NOTES: 1. W14AH Binghamton was + offset.
2. WSTR-64 IDs as "Star-64".
3. WEST VIRGINIA becomes State # 35 for me! (I have often received WTAP-15...but its xmtr is in Ohio). WBPY-33 IDs as "West Virginia Public Broadcasting".



4. WTSF-61 IDs as "Christian Television". Local religious programming.  
5. WPTO-14 now has a separate ID from WPTD-16.

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY NY 13041 (MLT)

Equipment: Receiver - Panasonic CT-11108  
Antenna - 4-Bay Bowtie at 40' AGL  
Preamp - Wineguard AC-4990

No new stations logged since last report (10/92!) thru 1993:

TV DX for 1994 follows: \*new to log.

JULY 1994

28 Tr 0006 \*CKWS1-66 ON //CKWS-11

OCT 1994

15 Tr 2013 \*W39BC-39 NY 139

2315 \*WANE-15 MI 484

2215 \*CIIITV22-22 ON 332 GTN

16 Tr 0028 \*WPTA-21 IN 484 21 Alive

0039 \*WINM-63 IN 464 TBN

Relogs: MI-23/25/28/38/56/66 OH-27 IN-63

DEC 1994

26 Tr 2100 \*WTLJ-54 MI 511 TBN

2316 \*CBOT1-59 ON 171 CBC

2321 \*CBLNTV1-56 ON 220 CBC

27 Tr 0005 \*W14AH-14 NY 70 TBN

0019 \*CBLPT15-34 ON 220 FFC

0025 \*CFMT2-60 ON 159 //CFMT-47

0030 \*CBOT2-19 ON 180 CBC

Relogs: ON-Many TVO/GTN/CBC-FFc MI-14/35/66

1994 Es noted on 4/30-MO/LA, 5/17-NF, 5/23-TX/OK, 5/29-FL, 6/9-FL/AL, 6/10-LA, 6/11-AL/GA/FL/OK/MO/KS, 6/12-FL/LA/GA/LA/TX/OK/KS, 6/21-FL/TX/LA/MS/AL, 6/25-KS, 6/26-NE/AL/MS/LA, 6/27-FL/TX, 6/29-OK/MO/TX/LA, 7/1-SD, 7/3-TN/TX, 7/4-TX/LA/MS, 7/9-OK/TX, 7/10-UNID, 7/13-KS/MN, 7/16-TX, 7/19-MS/TX/AR, 8/19-OK/AR/MO, 12/21-AR/TN.

It was a banner year for Es!

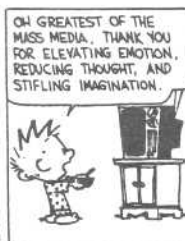
Anybody have TV station lists affiliated with the following?:  
CHA, HSN, TBN, JBN. It would help on LPTV UNIDs during Tropo CX.  
Totals now up to 353. Happy New Year! 73 - Fred.

Richard Contone, 162-07 87th Street, Jamaica, New York 11414

"A lot of QRM at this QTH recently. I constructed an active filter which cut down the interference problems so far, especially UHF. Splatter on VHF TV is the worst.

## CALVIN AND HOBBS

by Bill Watterson



THANK YOU FOR THE ARTIFICIALITY OF QUICK SOLUTIONS AND FOR THE INSIDIOUS MANIPULATION OF HUMAN DESIRES FOR COMMERCIAL PURPOSES.



CALVIN AND HOBBS  
courtesy of Bill Watterson/  
Universal Press Syndicate

Thanks to:  
Jeff Kadet, Macomb IL

# WESTERN TV-DX

February 1995

Victor Frank  
12450 Skyline Blvd.  
Woodside, CA 94062-4541

e-mail frank@sneezy.sri.com  
(415)851-7031

I'm new to this column. If you haven't noticed, it has been on hiatus the past few months, and most of what I'm presenting this month is material sent to the former editor, Fred McCormack. Thus, most of the material is "old news", and I hope you readers will excuse me under the circumstances. I do feel a debt to those of you who have labored many hours to collect these loggings.

I do hope to catch up within a month or so, and would appreciate receiving frequent short logs (say once or twice a month) rather than compilations of a whole season. You may send logs by mail to the address above, or by e-mail to the Internet address. The telephone number given has been taken over by my daughter's answering machine—don't be intimidated, just speak up at the beep. I'm not sure if I'm still reachable by packet radio, my call is K6FV and I was registered to N0ARY. Oh yes, if your listings are on a computer, I can read IBM and Mac disks of 1.4M and below.

I also must apologize for the change in format and small print. You wouldn't believe the problems I've had trying to create 8 1/2" X 12 1/2" pages with my HP LaserJet and WordStar (and these fonts). When the number of listings falls, I'll make the print bigger—but I'd like to keep the column to five pages or less. This month our format is two columns, and there may be one or two successive loggings per column line. If two, they are separated with " | ".

The usual order of information in the loggings is time, call letter, channel, and distance in statute miles. Times are local daylight or standard (depending on the date). I've printed it, if it was given. I'd just as soon use UTC and kilometers, but I'd better not press it. Fred McCormack filled in (or suggested) calls for some of the unknown stations. At the present time I am unable to do the same.

New entries are underlined. A "S" signifies stereo. A "T" after the call sign signifies a tentative identification. I haven't figure out what @ in front of the call means. The station or network being carried on a translator usually appears in parentheses after the listing.

I am a research engineer specializing in radio wave propagation. I also publish The 50 MHz DX Bulletin and the Sanyo PC Hackers Newsletter. Some of the Es TVDX listings may also be published in the 50 MHz DX Bulletin.

Dennis Park Smith, 3703 Dixon St, Santa Barbara, CA  
93105-2419 (805)687-7803 PDT/PST

Equipment: Sears 9" B&W semiportable Model  
564.5001000 (tube) with rabbit ears and bow-tie

Report is for September through December 1994. No skip was seen during this time during the odd times that I checked. The tropo path to San Diego/Tijuana (175-200 miles) was consistently good in the first half of September, as it had been during much of the summer, but was up and down in the second half of September. XHBJ-45 Tijuana was seen, though, which hasn't been seen for a couple of years, at least. I thought that perhaps it had gone off the air, but it was in a little, this time with less strength than others that have been consistent, such as the San Diego UHF's as well as XHAS-33 Tijuana. I wonder if XHBJ has lowered its power. It still has its music-video format.

Then, from October through December, the tropo has been infrequent at best, which is typical at this time of the year. In December, there were parts of a few different good days, though, which gave me a look at two new stations on the air. They are both Spanish, on channels 21 and 27, both possibly Tijuana-based. I haven't had time or opportunity yet to check call letters and programs/networks.

I saw the article "Lightning and E-Skip" by Larry Curcio in the June 1994 VUD, and a comment about it in Southern FM-DX in the September 1994 VUD. The article was about signals received by Es (sporadic-E propagation, what we informally call "E-skip") from locations where violent, and particularly electrical weather also is. The comment was that, logically, such storms and Es patches should be at the path midpoint, with the article perhaps being "off the wall?" Maybe. Maybe not. I have myself received signals from areas where violent weather such as tornadoes watches/alerts are, as well as being in locations where there is violent weather and skip noted at the same time from elsewhere. This is more than coincidence. There is much that is yet to be learned about how Sporadic-E propagation works. Any possibilities shouldn't be dismissed, even if they don't seem to make "traditional" or logical sense.

Best of DX to all!

Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE  
68144-3543

August 1994  
27 tr 0700 K33AB 33 IA ? IPTN Sibley, IA  
0702 K20AD 20 MN 168 ABC (Worthington?)  
0714 KTTW 17 SD 163 Fox  
0728 K15EB relay for KTTW/KTTM Huron,  
Sioux Falls

Other Northern Iowa stations seen in full living color. 14, 21, 24, & 27.

Keith K. Smith, 3924 Sims Ave., St. Ann, MO 63074-1926

September 1994 CDT  
5 tr 2323 K50UT 15 IA  
K1JB 18 IA (over K18BT)  
WNEC 22 IL  
KJMH 26 IA  
19/25/31 Peoria  
WVTP 47 IL  
WVZZ 43 IL  
WISH 8 IN

I visited Rockport, MO recently. K02NQ does not have a good signal outside Columbia, and the only channel I saw at Rockport was an unID (maybe KQTV?). K11SN and K56AU both came in nicely, but as with KMOS-6, very directional... still, not bad for being 12 miles out! Channel 11 was seen with programming—and a "shiny" ID—from the American Independent Network (AIN). While in Rockport, I noticed KOLK-10, KYTV-3, and KMBC-9.

On a final note, KMIZ-17, KHQA-7, and KODE-12 have all gotten Fox football for their markets. KODE also airs some other Fox shows, mostly from 12:05-1:05 AM. Ernie sent me a Vermont TV Guide which seems to indicate that WCAX-3 and WWT1-50 also carry Fox football. "WWBI-27" serves Burlington, VT/Plattsburg, NY as an independent. No channel 27 allocation for that region in my files. Is this an FCC "surprise" allocation? Or maybe an LPTV?

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 (314)839-9751

Equipment:  
Yorc 4.5' B&W TV/AM/FM/FM Stereo boombox,  
Archer VU-110 VHF/UHF/FM antenna with  
Archerrotor at 33' AGL

August 1994 CDT  
29 tr 2128 WENT 25 IN 165  
2129 MEVW 44 IN 165 (Snow-free!)  
2130 WFIE 14 IN 165  
2131 WSIL 3 IL 130 (Snow-free!)

**Western TV DX Eric Bueman's report continues**

29 tr	2135	WVUT	22	IN	135				
	2139	WBNA	21	KY	250	(Over K210D)			
	2139	WKTX	19	KY	320				
	2140	WTVW	7	IN	165	(Snow-free!)			
	2142	WMMB	40	IN	240				
	2200	WVGB	53	KY	250				
	2203	WZTV	17	TN	270	(Over WAND/KR1Z)			
	2204	WONA	35	KY	190				
	2205	WCRN	2	TN	270	(Under KTVI)			
	2206	WISN	4	TN	270	(Under KMOV-Hi Doug!)			
	2210	WGRB	34	KY	290				

Decent opening on August 29... even the locals on Channels 2, 4, 5, and 11 were propagating! It was the first time I saw WZTV since that big opening over Thanksgiving weekend in 1986, never had that one in Georgia, no thanks to Ted Turner! Also haven't seen WXIX since that same weekend. I've seen WHMB-40 so much... I may even use this as a barometer for DX into Indiana! On the local front, look for a network switch to take place this next DX season, with KTVI-2 picking up the Fox network, while ABC moves to KDNL-30.

Mike Cherry, Box 631, Ganges, BC V0S 1E0 (604)537-5201

July 1994											
10 Es	1717	KVBC	3	MVS	986	1832	KCRA	3	CA	739	
	1859	KRON	4	CA	769	1900	KTVU	2	CA	769	
	1926	KRNV	4	NV	669	1930	KEYT	3	CAS	1006	
	1933	KNBC	4	CAS	1047	1958	KCBS	2	CA	1047	
	2000	XHBC	3	BCN	1197						
12 Es	2000	KVBC	3	MVS	986						
13 Es	1630+	CBSET	3	PQ	2497	1646	CFSS(CXOS)	3	SK	936	
		1648+	un-ID	3	PQ	1700+	un-ID(1)	3	PQ		
		1725	KTVS	4	CO	1150	1731	KNCN	4	CO	1097
		1751	CKBIL	3	SK	907	1753	CKBIL	5	SK	819
		1800	CFSK	4	MS	782	1859	KXLF	4	MT	533
		1910	KTVS	3	CO	1150	2034	KOTA	3	SD	1015
		2059	CBWFT	3	MB	1167	2129	KATN	2	AK	1417
		2200	KBME	3	ND	1062					
21 Es	1959	KTVX	4	UT	794						
23 ms	1300	KIDK	3	ID	637						
24 Es	1132	KVBC	3	MVS	986						
26 Es	1759	KREG	3	CO	1028						
August 1994											
10 Es	1930	XHBC	3	BCN	1197	1942	KVBC	3	MVS	986	
12 Es	2058	KCRA	3	CA	739						
September 1994											
9 Es	0923-0940	MUF	52.5	MHz	CA						
10 ms	1356	KRON	4	CA	769						
	1954-2006	MUF	50.2	MHz	NH						
	AU 2104-2137	MUF	50.2	MHz	MT						
11 ms	0536	(C1CT)	2	AB	438						
	Es 1829	KLNE	3	NE	1311	1956-2001	MUF	50.2	MHz	CO	
12 ms	0517	KUTV	2	UT	795						
13 Es	1400	XHBC	3	BCN	1197						

1. SRC-Quebec!!

This year's Es season was short and slightly below average in both quantity and quality. July 13 was certainly the highlight of the season with not one, but 3 different channel 3 signals from Quebec. The Quebec stations were in and out for about two hours with the skip occasionally shortening up 1 single-hop. On 6 meters at the same time, I was working stations in Quebec, eastern Ontario, Maine, Vermont, New York, and later most of the eastern seaboard states. Even more astonishing—local VHF DXers Rudy Stam, VE7FEI witnessed the Quebec channels using just the built-in ID on his 5' B&W DX monitor! We both got a positive ID on CBSET during a commercial break containing local references. The "SRC Quebec" un-ID was on a different offset. This year, there was no sign of any Es from Hawaii or other parts of the Pacific. Early September, during the ARRL VHF contest, there was an unusually large amount of meteor-scatter on both TV and 6 meters. Since CBUT-2 in Vancouver still doesn't sign on until around 6:20 AM PDT, this is still my best channel for overnight MS DX. It sounds as though midwestern, eastern, and southeastern stations had a better Es season than those of us in the Pacific Northwest. Ah well... the summer DID have its treats!

Jeff Kadet (W3CRH), Box 20, Macomb, IL 61455

August 1994										
1 Es	2000	KNAZ	2	AZ			KEFE	2		
2 Es	1130	KPRC	2	TX			KHR10	2		
	1358	KVQA	4	TX			KGBT	4	TX	
	1459	K111	3	TX						

5 Es	1700	CBFT	2	PO	&	unID FFC & EE Canadian ch 4s				
6 tr	0029	KVMB	45	MN		OKLA CITY 14, 34 OK				
		K22EH	22	OK		K69GO 69 OKLA. CITY				
7	0400	Birmingham & Sarnia U's								
8 tr	2347	K69GB	69	MN	Minneapolis; 3ABN; gets out					
9 tr	0300	KCCO	42	ON	0402	K31CM 318 MN Erhard				
	0402	K510C	51	MN	Erhard	K39CJ 398 MN Erhard				
	0424	K15EE	15	OH	Worthington; KTVU-17 (w/KDSH-17)					
	0435	K2477	24	MN/VI	HSS to MNH					
		K50DK	50	MN	LaCrescent; "Eagle TV-50"					
		K67EH	67	WI	LaCrosse; KTTC-10 (Note #1)					
		KY4AX	49+	KY	Louisville; VJB					
10 tr	0030									

		M51BT	51	OH	Warson; Worship Met/					
		CB1FT	48	OH	CICA 51 OH					
		CBLM	40	ON						
		K44AB	44	IA	Keokuk; K38AB					
					(but with WCFC-38 & KNCI-38)					
		K44AB	45	IA	putting WORF-39 video (note#2)					
		WVIA	44	PA	CB TP W/D					
		CFPT	69	ON	0438 C1CO 59 ON					
Es	1600	KM12	2	TX						
14 tr	0200	KG1M	1	NE						
		K25AG	25	NE	Cambridge;					
					(a ch. 11 w/Home Shopping Network)					
0223	K1477	15	NE7	rebroadcasting Kansas City-5						
	K2BAP	28	NE	Melehigh; Home Shopping Network						
	K35AL	35	NE	Lexington; KNOP-2						
Es	1600	MESH	2	FL						
17 tr	0227	K22CX	22	NE	Lincoln; KSNB-4					
					(wish I could get them)					
Es	1030	MESH	2	FL						
19 tr	0148	K410J	41	MO	Jefferson City; TBM					
Es	1030	MESH	2	FL	MPBT 2 FL					
		MEDU	3	FL						
27 tr	1800	M6180	41	IL	Peoria; TBM (WATO-35) (note#3)					
28 tr	1930	M67CA	67	OH	Lima 2020 WGLN 54 PA					
29 tr	0020	KG1W	11	NE						
	2131	M65CG	68	TN	Nashville; VJB					
		M67CO	67	AL	Huntsville; WTUP-60					
		Chattanooga U's & WFLI-53								
		M62BH	62	KY	Hopkinsville; TBM; super rare					
30 tr	0209	MELF	23	GA	Dalton; TBM					
		M36AK	36	TN	Nashville; TBM					
		M46AJ	46	TN	Cookeville; TBM					
		M7KZ	43	TN	CB TP W/D lower R					
		unID	48	CB	TP W/D					
0417	M30AP	30	TN	Kingsport; HSS						
	M41E	6	TX	WSMY 52 VA CB TP W/D						
	M58N	47	VA	CB TP W/D						
	0450	MPMT	54	NC	0453 unID 62+ TBM to SE (#4)					
	0515	M50C	9	NC	0530 MVTI 42 NC					
September 1994										
6 tr	0423	K46CZ	46	MO	Joplin-Carthage; TBM					

Note #1: most wanted station! Had tried for this zillions of times when the other LA-Cross high-powered stations were blasting in. Most wanted station now would have to be the channel 42 VJB in St. Louis which was reported on a few months ago. If this is still on the air, it gets out worse than 10W stations above 800 MHz.

Note #2: this was VERY confusing to finally figure out because K44AB normally comes in here quite strong, but neither of these were. Evidently, the power was "sucked out" of channel 44, and evenly distributed, on both channels 44 and 45.

Note #3: How greedy can these bozos get? Are they trying to get more outlets than McDonalds? And how do I stop getting their insipid monthly newsletter badgering me for "love gifts" (a.k.a. more \$\$\$ to buy more LPTVs)? About 8 years ago I wrote to them to ask for a list of translators. Since then I've been getting this monthly newsletter no matter how often I write to them to stop!

Note #4: Not Asheville; per phone call.

Conditions since the great 8/29th opening have been crummy (today is 9/30). That opening on the 29th was by far the best in the past 11 years to Knoxville. WTMZ-43 was blasting in, at times snowfree. Occasionally it would also have heavy ghosting which meant it was coming from more than one path.

The wonderful Es season came to a rather impressive halt pretty much after 8/1.

Stations photographed total from Macomb is at 1065. In closing, I want to say a big THANK YOU to Fred McCormack for doing the Western TV DX column all these many years. Not only is Fred extremely knowledgeable and helpful when it comes to trying to ID unIDs, but his column

**Western TV DX Jeff Kadet's report continues**  
will go down as the neatest and most readable column in WFTDA history, in my humble opinion. I've known Fred since we both used to report to the old Newark News Radio Club TV DX column in the early 60s. Again, thanks Fred. You deserve a rest! 73.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688 CDT

**Equipment:**  
JC Penny (RCA) 19" TV, RS 15-1718A 45 element VU/F at 32' AGL, RG-6; rabbit ears for some VHF tr

**Corrections:** KFOR OK, KOCO OK, KENS TX and WMAR TX were received by tr. I am sorry about the errors in my June loggings. I think the bugs have finally been worked out of my logs now that Es has slackened off, giving me some time to think and study.

August 1994											
16 tr	0035	MBRZ	2	LA	210	0243	MARG	6	MS	220	
	0310	KLAX	31	LA	95	0320	MPSD	6	KY	420	
	0320	KSVI	12	MO	410	unID	13	(RSC)			
	0440	unID	5	(GNN Nw)		1015	KLTL	18	LA	160	
	2058	KBRZ	2	LA	210	2205	KFKX	51	TX	60	
18 tr	0018	unID	2	(2 stations)							
Es	1044	unID	2	(CVC)		1050	unID	2	(Spanish)		
	2100	WCBD	2	SC	790						
19 tr	0015	MBRZ	2	LA	210	0135	KJAC	4	TX	175	
	0150	KPLC	14	LA	160	0250	KBMT	12	TX	165	
	0250	KRMV	12	TX	165	0815	KVXN	10	TX	200	
	0815	Houston 8, 11, 13									
	0826	KLTL	18	LA	160	0850	KXAN	36	TX	280	
Es	1010	MRAL	5	NC	880	1010	MJND	2	NC	1040	
		MUNFC	4	NC	880		MNYT	2	NC		
	1052	M5JK	2	TN	660	1059	MCTB	5	VA	700	
	1101	MVTR	6	VA	990	(see note #1)					
	1117	M7TG	5	DC	1020	1117	MRCt	4	DC		
		M8AR	2	MD	1060		M8AY	4	MD	780	
		1143	M0Vt	5	VA		1158	M7AET	4	PA	
		1200	KDKA	2	PA	1000	1231	unID	2	(Sesame St)	
		1235	WGRZ	2	NY	1110					
tr	2200	MFAA	8	TX	180	2240	Little Rock AR	7,11			
	2326	MWTV	25	AR	160						
20 tr	0240	MBRZ	2	LA	210	0320	unID	13	(ANC Nw)		
	0323	MWFB	9	LA	210	0330	KBMT	12	TX	165	
	0455	MLBT	5	MS	200	0502	MKERA	13	TX	180	
	0520	MOMO	26	LA	270						
21 tr	1030	KXAS	5	TX	210						
24 tr	2335	KASN	38	AR	160						
26 tr	0913	KPRC	2	TX	200						
29 Es	1825	unID	2	(KEXW Net)		1940	unID	2	(TV Azteca)		
	31 tr	0210	AR	2, 4, 7, 9							
		KENV	6	AR	270	(//2; AETN)					
September 1994											
8 tr	0425	KARD	14	LA	90	0425	KTVW	25	AR	160	
		MKASH	38	AR	160		KMCT	39	LA	90	
		KFKX	51	TX	60		KERT	56	TX	80	
		0516	MKRLT	16	AR	90					
9 tr	0915	KARD	14	LA	90	0915	KLRT	16	AR	180	
		KETK	56	TX	80		1815	Little Rock 2, 4, 7, 11			
10 Es	1040	unID	2	(CTV)			1850	unID	2	(TV Azteca)	
11 Es	1655	unID	2	(CTV)			1726	WGRZ	2	NY	1110
	1736	KDKA	2	PA	1000		1756	M7AET	4	PA	
		M7VE	4	NY	1110		1855	CKCO2	2	OH	1130
	2001	KUGW	2	CO							

**Western TV DX** Frank Merrill's report continues

1759 WFSB 3 CT  
 21 Es 1030 Calgary 4 AB 1345 | 1220 KGAT 4 TX  
 1327 1348 FM WF 107.94 NHZ  
 1401 KCEM 6 TX 732 (prior tr)  
 26 tr 0542 WSAJ 55 KY 274 Hovesville KET, via MKOH-317  
 Es 1937 KPRC 2 TX  
 27 Es 1150? XEFB 2 NL  
 31 Es 2000 KXLF 4 MT

**August 1994**

3 Es 1720 WTVJ 4 FL | 1720 WPBT 2 FL  
 3 Es 1105 WESH 2 FL  
 6 tr 0500 WTLN 11 OH 385 | 0500 WJWP 36 OH  
 0503 KTBO 14 OK 502 | 0506 K22EH 22 OK 510  
 0514 K22EH still in, but  
 2000 OK City U's 502 | 2000 KPTM 42 ME 295  
 2205 WTVQ 36 KY 373 fairly strong, KPTM no snow  
 AL 31,48,54 weak 0259 KVBH 45 MN 342  
 NH 29,41,47, etc. 0556 WLEF 36 MI 379

9 tr 0250 K31BT 31 NE 424 (Appleton CHN)  
 0354 KASY 9 SD 488 | 0640 K15ER 15 MN Note 2  
 MN translators 14,20,48  
 1800 K69GB 69 MN 342 (Minneapolis TAB)  
 MEUX 48 WI 305  
 1942 K500K 50 MN 236 (La Crescent CHN)  
 2200 WFTL 58 FL 275

10 tr 0149 W25W 51 IN 410 (Marion W51BT No Anderson)  
 0225 W26AV 48 MI 410 (Detroit CTN)  
 0236 CFMT 69 OH 512 lotsa OH, etc., to WPXI-11-PA  
 0300 C10C059 59 OH 463 | 0323 WYMT 57 KY 459  
 0450 W0UB 20 OH 456 | 0404 W0UC 44 OH 492  
 0455 W8BN 47 VA 496 snowfree, 3/4 bars ID  
 1237 W23AT 23 IL 185 (Chicago Spanish/local) Note3  
 1231 WCLV 4 SC | 1231 WCRB 2 SC

14 tr 0220 KXIM 11 NE 429  
 0221 K28AP 28 NE 430 (Neligh KOLN-10 HSS)  
 0221 K56AF 56 IA 230 (Clarinda KTVO-3 not KMTV)  
 0221 K25AG 25 NE 490 (Cambridge KJAC and/or HSS)  
 0225 K141Y 14 NE? (Holdrege w/KCTV-5) Note 4  
 0303 K48CH 48 NE 366 (Norfolk KTVI-4)  
 0359 K23AH 23 NE 540 (Wallace KXIM-11)  
 Confirmed via phone that WMC-11 did not have HSS 0359  
 0430 K21AP 21 KS 304 (Topeka TBN-owned)  
 0500 K26CR 26 MO 231 (Kansas City HSS)  
 17 tr 0100 Some OH stations to 450 miles  
 19 tr 0530 W67CA 67 OH 341 (Lima CHA)  
 0535 W5AG 45 IN 288 (Ft. Wayne, The Box)  
 W0HS 61 OH 470

27 GW 1856 W180 41 IL 58 (Peoria TBN/WT0-35)  
 28 tr 1320 WADL 38 MI 425 atop all  
 2215 W6SC 68 TN 367 (Nashville The Box)  
 2215 W6EN 2 TN 367  
 2228 W35AN 35 TN 349 (Jackson TBN)  
 2344 W62BH 62 KY 301 (Hopkinsville TBN)  
 W43AG 43 KY atop WY22 part of the time  
 30 tr 0205 WELS 23 GA 520 TBN, Z, \*706\* phone #  
 0205 W5EC 14 IL 55 | 0205 W65BV 65 IL 76  
 W65BV (Springfield W5EC-14) Both testing all  
 night with 3/4 color bars ID. Wonder how many  
 DXers logged this? 4:52 W6AK 36 TN 367

0322 025E W6ZZ 28 TN 415 Note 10 (Nashville WPGD-50)  
 0415 W6GA 46 TN 415 (Cookeville TBN)  
 0428 WATE 6 TN 475 | 0435 WTNZ 43 TN 475  
 0447 WPMC 54 TN 440 | 0513 W5OC 9 NC 647  
 0516 WTVI 42 NC 646 Note #8

**September 1994**

10 0457 K41AD 42 IA 180 (Lansing phantom w/WLAX-25)  
 0500 W8BT 22 IN 243 Note #9

Note 2: 09 August, 1237—This station was carrying KDSM-17 IA. I suspect a phantom of some kind, because I don't remember having any video. Perhaps a translator on 16 which picks up something off channel 18? Or, perhaps, a KTCL-17 translator in central or western MN, or even a KTTW-17 translator? Help!

Note 3: 10 August, 1237—I formerly have this logged in Mokena IL, with the same calls. However, this facility completely abandoned its former coverage area and there was a hiatus (it went dark) for a while before showing up in Chicago. Would this be considered "new" in this very unusual case?

Note 4: 14 August, 0225—Translator was broadcasting KCTV-5. I suspect a translator for KHAS5-5 Hastings NE, or perhaps a "phantom" from a channel 15 translator for WOWT-6. I cannot find a listing for either.

Note 5: 30 August, 0428—Neither myself nor Jeff ever expected to log this one. The characteristic WITI-6 "butter" (against WRTV-IN) was, this time, coming from the "wrong" side, and at one point I could barely read "WATE-TV-6", and "East Tennessee" a couple minutes later. WDSM-6 WI is now my easternmost stateside 6 not yet logged.

Note 6: 30 August, 0428—If you are DXing with an ICOM R-7000 (or equivalent tuner which can separate audios), this one should stand out, because their audio was at 715 (or an offset of 3 1/2 mins from standard 750). "WPMC TV-54" call letters constantly in upper right. Never thought I'd see this one, neither did Ed Phelps! (Despite his local W54AE, he could separate the audio).

Note 7: 30 August, 0513—Actually, I tried this one, more or less, on a lark. I didn't really expect it, but the ICOM did a wonderful job of audio separation and I could clearly hear talk about Charlotte, traffic report mentioning I-85, Charlotte ad, etc. Would have been thoroughly impossible via video. (9+)

Note 8: 30 August, 0516—Exercise session. This faded on me before 0530 ID time, but Jeff's more directional dish was able to keep this easily separated from WTLJ-IN for him, and he was able to confirm the origin of this signal.

Note 9: 10 September, 0500—Very bizarre reception of this! It seemed that it made little or no difference which way I pointed the antenna, and there was no apparent "peak" to the east. I've never seen this effect on tropo before. The rotor WAS working. By 0520 or so, this signal was back to "normal" behavior, with an obvious peak from the east. Can anybody explain this?

Note 10: 30 August (out of order)—This was running an ID testcard (not a "test pattern") which said "28 WKZX Cookeville Crossville Sparta." I am told that this runs all night, and the printing is HUGE—should be helpful to DXers. I've been after this one for years! Tough with the two IL LPTVs on, both in roughly the same direction as WKZX. Closest unlogged station with non-LPTV/Translator calls in now the very elusive WKYU-24 KY (325), followed by KTTW-17 SD (378). Also need WINT-20 TN (436); are they still on?

**Fernando Garcia, Apartado 30, Svc B, CD Guadalupe NL 67181 MEXICO**

**July 1994**

15 tr 0645 KFKX 51 TX 556 | 0645 KETK 56 TX 534  
 0700 KDTX 58 TX 519  
 17 tr 0545 KFKX 51 TX 556 | 0545 KETK 56 TX 534  
 0615 D/FW 52,58 TX 519 | 0730 D/FW 33,39 TX 519  
 Es 1140-1235 unids channels 2, 4 EE  
 1800 W8B 2 GA 1100  
 tr 2030 WVLA 33 LA 634 | 2100 KTLT 18 LA 547  
 18 tr 0300 KLAX 31 LA 618 | 0545 KFKX 51 TX 556  
 0545 KETK 56 TX 534 | 0600 KJSS 33 LA 615  
 0630 unid 54 rel. ne.  
 W65CE 65 LA 615 (Shreveport TBN)  
 KLTS 24 LA 615  
 0730 D/FW UHFs TX 519  
 Es 0800\* WPBT 2 FL 1243 | 0930\* WESH 2 FL 1178  
 1115\* died out  
 GW 2000 XH 14 NL (see note #1)

**Western TV DX** Fernando Garcia's report continues

2100 KTLT 18 LA 547 | 2100 KVPV 29 LA 528  
 2130 KLPB 24 LA 566 | 2200 KADN 15 LA 584  
 2200 KITU 34 TX 500 under local

19 tr 0545 KFKX 51 TX 556 | 0545 KETK 56 TX 534  
 0600 KJSS 33 LA 615 | 0630 KIDOR 17 OK 796  
 0630 KX11 12 OK 600 | 0700 KTDAT 45 OK  
 0700 KWBT 47 OK | 0730 D/FW UHFs TX 519  
 0600 KDTX 58 TX 519 | 0630 KFKX 51 TX 536  
 Es 1130\* unid 2 CBS  
 21 tr 0545 KFKX 51 TX 556 | 0630 D/FW UHFs TX 519  
 Es 1100\* KDTX 58 TX 519 | 1130\* KTLV 2 MO 1025  
 1145\* unid 2 NBC | 1230\* KGAN 2 IA 1423

1255\* died out  
 22 tr 2200 KVPV 29 LA 528 | 2200 KTLT 18 LA 528  
 2230 KITU 34 TX 500 (over local)  
 23 tr 0145 WVLA 33 LA 634 | 0145 KADN 15 LA 584  
 0200 KLAX 31 LA 618 | 0530 D/FW UHFs TX 519  
 0545 KFKX 51 TX 556 | 0545 KETK 56 TX 534  
 0600 KJSS 33 LA 615 | 0630 KLTS 24 LA 615  
 0745 unid 30 TBN ne | 0800 KWLBT 45 LA 584  
 0800 KLPB 25 LA 615 | 0830 KASH 38 AR 774  
 2100 N. Orleans LA 697 | Channels 26,32,38X  
 2200 KTLT 18 LA 547 | 2230 KITU 34 TX 500  
 2230 WMAU 17 MS 696 | 2245 KVPV 29 LA 529  
 2245 WMBH 44 LA 631 | 2245 WCCJ 49 LA 690  
 2300 K620W 62 LA 590 (Lafayette CHA)  
 24 tr 2300 UNID 69 MS 771 | 0515 unid 66 TBN ne  
 0530 unid 61 VJN ne | D/FW TX 218,27,33,39,58  
 0545 KFKX 51 TX 556 | 0600 KETK 56 TX 534  
 0600 KLAX 31 LA 618 | 0600 KADN 15 LA 584  
 0615 KFDW 52 TX 522 | 0615 KIDOR 17 OK 796  
 0615 KLSB 19 TX 516 | 0800 KJSS 33 LA 615  
 0800 KLPB 25 LA 615 | 0800 KLTS 24 LA 615  
 0815 KJVN 238 TX 544 | 0815 KMPX 29 TX 559  
 0830 KASH 38 AR 774 | 0830 WBD 40 MS 749  
 0900 unid 40 rel. ne | 0900 W65CE 65 LA 615  
 0930 K21DM 21 LA 547 | (Lafayette VJN)  
 1000 KPLC 7 LA 590 | 1000 WAFB 9 LA 637  
 2000 KLPB 24 LA 566 | 2015 WVLA 33 LA 634  
 2100 N. Orleans LA 697 | Channels 26,32,38X,49  
 2130 unid 30 rel. ne. | (Family Net)  
 2200 KTLT 18 LA 547  
 2200 KITU 34 TX 500  
 2230 KVPV 29 LA 528  
 25 tr 0430 K46CR 46 LA 646  
 0430 WAPT 16 MS 749  
 0445 WMAU 17 MS 696  
 0445 KTLT 18 LA 547  
 0545 unid 61 VJN ne agn  
 0600 KFKX 51 TX 556  
 0615 KLAX 31 LA 618  
 0645 WYVT 15 MS 796  
 0700 WBD 40 MS 749  
 26 tr 0730 D/FW UHFs TX 519  
 0600 KETK 56 TX 534  
 0700 KMPX 29 TX 559

Es 1900-2030 unid channel 2 E  
 2100 WVLA 33 LA 634 | 2115 KADN 15 LA 584  
 2130 KLPB 24 LA 566  
 2200 WMAU 17 MS 696  
 27 tr 0100 KLAX 31 LA 618  
 0545 K30 TX  
 29 tr 0545 KETK 56 TX 534  
 30 tr 0545 D/FW 21,33,58 TX 519  
 0615 KVPV 29 TX 528  
 0745 D/FW 39,52 TX 519  
 Es 0800 W5JK 2 TN 1249

**August 1994**

1 Es 1500 unid note #2 | 1900 unids chs 2-5 n-rw  
 2000 KDTV 2 MO | 2015 KCTV 5 MO 982  
 2030 KSNW 2 KS 889 | 2100 KSNW 3 KS 842  
 2115 KSNW 3 KS 851  
 2 tr 0600 KDTX 58 TX 519  
 3 Es 1845-2045 unid chs 2-5 EE  
 6 Es 1715 unid ch 2 ne  
 7 tr 0730 KDTX 58 TX 519 | 0800 KTKA 21 TX 519  
 8 tr 0645 D/FW 33,39,58 TX 519  
 11 Es 1900 unid ch 2 north, cci ch 3,4  
 13 Es 0900 unid ch 2 NBC nw  
 15 Es 0700 WPBT 2 FL 1178  
 0900\* unid ch 2 ne  
 0930\* died out  
 tr 1900 KDTX 58 TX 519  
 17 tr 0600 D/FW 218,27,33,39,58 TX 519  
 0645 KETK 56 TX 534 | 0700 KWSH 49 TX 519  
 2200 KTLT 18 LA 547 | 2300 WVLA 33 LA 634  
 2300 KADN 15 LA 584 | 2315 KVPV 29 LA 528  
 18 tr 0600 KFKX 51 TX 556 | 0600 KJSS 33 LA 615  
 0645 D/FW 21,33,58 TX 519 | 0645 KETK 56 TX 534  
 0700 KLTS 24 LA 615  
 Es 1900-2000 cci ch2 east  
 tr 2200 WMAU 17 MS 696 | 2200 KTLT 18 LA 547  
 2315 KLAX 31 LA 618 | 2315 KVPV 29 LA 528  
 19 tr 0600 KFKX 51 TX 556 | 0600 D/FW 27cc1,39,49,52  
 0615 KMPX 29 TX 559 | 0700 D/FW 21,33,58 TX 519  
 20 tr 0030 KLAX 31 LA 618 | 0045 KARD 14 LA 653

0400 KETK 56 TX 534 | 0400 KJSS 33 LA 615  
 0600 D/FW UHFs TX 519  
 Es 1300 unid 2 PBS ne  
 tr 2130 KVPV 29 LA 528 | 2145 KTLT 18 LA 547  
 2230 KLPB 25 LA 615 | 2230 KLAX 31 LA 618  
 23 tr 2200 K20 20 TX (4470) prelude K20EK Kingsville  
 24 tr 0230 D/FW 27,39,49,58 TX 519 | 0645 KFDW 52 TX 522  
 25 tr 0600 KDTX 58 TX 519  
 27 tr 0630 D/FW 33,52,58 TX 519  
 28 Es 1650 KTVQ 38 MO 1112 | 1650 KCTV 58 MO 982  
 1700 KLME 38 NE 1019 | 1700 KMTVT 38 NE  
 1715 KQTV 2 MO 1025 | 1730 KJOP 2 MO 1144  
 1800 WAPT 4 MO | 1830 unid 38 ABC nw  
 29 tr 0600 D/FW 33,58 TX 519 | 0615 KETK 56 TX 534  
 0615 KFKX 51 TX 556 | 0630 D/FW 49,52 TX 519  
 Es 1845 unid 2 ss ae | 1900 cci chs 3,4  
 31 GW 2200 KXNFO 17 TX 124 (see note #3)

**September 1994**

3 tr 0615 D/FW 52,58 TX 519  
 4 tr 0330 KETK 56 TX 534 | 0330 D/FW UHFs TX 519  
 0630 KFKX 51 TX 556 | 2130 KVPV 29 LA 528  
 5 tr 0445 D/FW UHFs TX 519 | 0500 KDLDT 55 TX 544  
 0500 KETK 56 TX 534 | 0515 KJTL 18 TX 597  
 0515 K54CBT 54 TX 559 (Key Pleasant CHA)  
 0530 KMPX 29 TX 559 | 0530 K31 31 see note#4  
 0545 KFKX 52 TX 522 | 0600 KLTS 24 LA 615  
 0615 KVAL 45 TX 615  
 0630 K31A1 31 TX 615 (Huntsville TBN)  
 0645 WMTZ 48 MS | 0700 KWHB 47 OK 764  
 0700 KOKI 23 OK 764 | 0700 KTLK 43 OK 705  
 0700 unid 59 ABC n | 0715 unid 55 NBC n  
 Es 1900 YSR 2 ES | 0500 KETK 56 TX 534  
 6 tr 0500 D/FW UHFs TX 519  
 7 tr 0600 N. Orleans UHFs 693  
 8 tr 0645 WVAL 33 LA 519  
 9 Es 1845 YSR 2 ES 1100 | 1900 YSU 4 ES 1100  
 1900 TGV 38 GT 1019 | 1915 unid 2 as ae note#5  
 1915 XHAO 4 CS | (Tuxtla Gutierrez XHDF-13)  
 1930 ch 4 Nicaragua | 1945 HRTGT 5 HM  
 11 Es 0830 KGAN 28 CO 950 | 0830 cci 4  
 0845 unid 2 ABC nw | 1630 WPBT 2 FL  
 1645 MESH 2 FL | 1700 unid 2 CBS  
 2130 died out  
 13 tr 0630 KXNH 54 TX 354 (see note #6)  
 GW 2100 XHSTC 25 CU 40 (Saltillo XEQ-9) see note#7

\* = I wasn't at home, I used VCR.

News: Semilocal XHNUL-57 changes its call letters to XHFTX, they are running a 1500 kW transmitter, see note #3. Televisa XEQ-9 is going to have up to 60 relay stations nationwide, first two that I know to be on the air are ch 24 in Tampico and ch 25 in Saltillo.

I read in local newspaper that stations of Television Azteca networks XHDF-13 "Canal 13" and XHIMT-7 "TV-7" are going to air some regional programming and— messages. This is going to help for identifying to DXers (they have just changed their slogans). They are going to add many new relay stations nationwide.

Note 1: New station on the air first day noted, semilocal signal, peaking to se, so it must be in Montemorelos, Allende or Linares, Nuevo Leon, I think they are still testing, they keep changing programming: XEW-2, XHDF-13, UNI ARTS, TRAVEL, etc., this station was on the air for a week only.

Note 2: FM from Central Florida up to 91.1 MHz, noted from car at work.

Note 3: First time noted, new station for Reynosa, this and XHFTX-57 begin regular programming on September 4, 1994 at 10 AM. Both are FOX (yes, the FOX surprise came to Mexico). These stations are using Spanish subtitles for movies, but all advertisements are in English. Both put a strong semilocal signal into my shack. Their IDs follow:

XHFOX FOX 17, McAllen, Harlingen, Brownsville  
 XHFTX FOX 57, Nvo. Laredo

Note 4: Music videos in Spanish.  
 Note 5: Mention of state of Tabasco.  
 Note 6: New station on the air for Austin, programming is weather info for central Texas.  
 Note 7: Another semilocal station for me. Signal peaks to northwest, although Saltillo (this city is 3100 ft higher than Monterrey) is to the southwest. (Non-direct due to mountain to my sw. This station has been on the air for about two weeks, today broadcasts a regional program.

# NORTHERN FM-DX

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coniglio@acsu.buffalo.edu  
V131KKDN@UBVMS.BITNET

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  
February 1995 **DEADLINE: The 5th** **LOG CUTOFF: 3 months from postmark**

Another small column this time thanks to a general lack of activity. There are some reports of meteor scatter and trop-scatter loggings as DXers concentrate on these modes for the off-season. Conditions were at least above normal in December in many parts of the east thanks to the frequent moist, high pressures, but probably not enough worthy of a report. Right at the end of December there was a great TV opening round here and the Midwest that didn't seem to crack FM much, at least here. Looking forward to seeing if anyone out there did indeed clean up in that opening on FM, if you did, or with any other opening, let's hear from you!....

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JR-S201 receiver (IF mod with 3 110 khz filters), Magnum Dynalab Sleuth 205 amp, Probe 9 fed with RG6 at 50 feet AGL, Crown Rotor, Distances are in kilometres.

## NOVEMBER 1994 DX

**16 GW**  
1002 CIOB 101.1 ON Barrie, B101 after news, "Another 30 min. music marathon on the new B101 FM" 151  
**20 GW**  
1306 CIDR 93.9 ON Windsor, new AAA (adult album alternative) format, "The River 93.9 FM, True to the music", ex: CKLW 243



## DECEMBER 1994 DX

**13 Tr, MS**  
0101 (WKVE) 97.5 PA St.Marys, "97-KVE Northwestern PA, Southwestern NY" 234  
0105 WQHQ 104.7 MD Ocean City, sr "Q105, the Philadelphia Phillies" 689  
**14 MS**  
0906 WSSS 104.7 NC Charlotte, "We're Jack & Joe and this is what's happening on the new Star 104.7" 878  
0923 KIOZ 104.7 MO Marshfield, Channel Z non-ID heard, also uses "The Planet" 1254  
**22 GW**  
0622 CJKX 95.9 ON Ajax, "Durham's new Country FM KX96, playing new country & proud of it" 119

JOEL ROSENBERG - 19 GLENAYR RD. - RICHMOND HILL, ONTARIO CANADA L4B 2W3  
(905) 884-8454-Equipment: 6-element Delhi FM yagi rotated at 50' AG, .412 coax, Marantz 125 tuner

## MAY 24, 1994 Es & Tr

2054 KRMD 101.1 LA Shreveport  
2100 WRIF 101.1 MI Detroit  
2142 WKY 104.9 OH Geneva, "Country 104.9"  
2159 WNER 90.7 MI Sandusky

## SEPTEMBER 16, 1994 Tr

0800 WRKI 95.1 NY Bristol Center, between locals on 94.9 & 95.3

## OCTOBER 16, 1994 GW

2104 CKDX 88.5 ON Newmarket  
2106 CIOX 105.9 ON Orillia, "Country Music Radio"  
**NOVEMBER 2, 1994 GW**  
1800 CJKX 95.9 ON Ajax, "KX 96"

1994 was another busy year with other matters minimizing my time to check the bands. I hadn't even gotten around to officially logging all the new locals and semi-locals. Will the DXer who called me over the summer and wouldn't leave a message with my wife, please call again or write! 73's, Joel

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041-8606

Equipment: same  
**NOVEMBER 1994**

**12 GW**  
1500 WOWZ 97.9 NY Whitesboro r ID/nx WOW-FM  
QR Ming WPXY 44

## DECEMBER 1994

**8 Tr**  
2228 W238AB 95.5 NY Rochester xlr WRQJ Rocket 95 distorted audio 74  
**15 Tr**  
2128 CJKX 95.9 ON Ajax KX96 k 154  
**21 Es to NE AR/NW TN 1056-1110 MUF: 92.3 MHZ**  
1100 KASU 91.9 AR Jonesboro wx/ID/AP nx 926  
**22** 1 WKNO 90.7 TN Dyersburg lcl annts/ Memphis area/NPR 859

Totals: 1696. Finally some winter Es. New translators/semilocals keep signing on and plugging up the channels. Seasons Greetings- Fred. PS I'M FINALIZING UPDATES TO FM/TV ALL TIME DISTANCE RECORDS..I STILL WON'T BE ABLE TO POST THE RECORDS WITH JUST ACTIVE MEMBERS UNTIL I CAN GET ACCESS TO A MEMBERSHIP LIST JUST NAMES CITY STATE DATA NEEDED 73--FRED. fnordqui@erc.cat.syr.edu (315) 699-4880

## NORTHERN FM DX

FEBRUARY 1995

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

(201) 586-3563, Beeper for DX: (201) 661-5662. EQUIPMENT: Realistic STA-2280 with 7/110 khz filters (see McVey article, Nov. 1990), Channel Master 20 element TV 45' AGL, phased with FM 13 and winegard AP-3800 Amp (32.9 dB gain, 3.2 dB noise figure), 30' AGL and the Bolin Phase Box. (IN CAR: Kenwood KRC-430 with two 110 khz filters). All times approximate.

## DECEMBER 26 GW/TrS

2300 104.7 W284AF, Hackettstown NJ. 10w // WRNJ on and pretty strong here at 20 miles. Can still get WSPK and with trop, WWMD Hagerstown MD. But the days of daily reception of WWMD are over.

## DECEMBER 10 TrS

1248 105.7 CHRE, St. Catherine's ON Lite 105.7 with Niagara's best rock.

## DECEMBER 12 TrS

0300 96.3 WCDA, Voorheesville NY, C/W not CFMK. Calls w/CD Country.

## DECEMBER 14 TrS

1650 97.7 WGMN, Big Flats NY, Gem 97.7 with Good Time RR oldies.  
1716 94.3 WSGD, Carbondale PA Semi-local now Cool 94.

## DECEMBER 22 GW/Tr

1600 107.3 W297AC, Branchville NJ //WAWZ and very strong here w/10w @ 12 miles. I can barely still get WRWD, Highland NY and WRQX, Washington unless conditions are completely dead, but WDBA DuBois, WKOK Northumberland and WRCK Utica a thing of the past unless there is some strong trop that way. Three channels, 99.7, 104.7 and 107.3 hit with semilocals in the last two months, with another 88.1 and taxpayer funded 88.5 scheduled to be on soon. Note this station is listed as being on 105.7 but the call indicates the correct frequency of 107.3

1635 94.7 WARW, Bethesda MD, Lame with the Arrow, Washington's Home of All Rock n' Roll Oldies. Thru WFME.

1712 101.5 WBQB, Fredericksburg VA B-101.5, 93.3 Fredericksburg also in.

## DECEMBER 26 GW/TrS

1408 106.9 W295AB, Middletown NY //WRWD. At first I thought this was the one in Kingston, but noticed this weak but steady xltr on a regular basis. This must be at the same site as the 93.7 Z-Rock xltr that also comes in here. I read there is one too on 105.5 xltng WSUL  
1623 104.9 WXPX, Philadelphia 88.5, which wasn't in at the time. Pointed to W.  
1657 101.3 WJKE, Stillwater NY. ID and wx for Clifton Park. Hudson Valley is very strong here but I still haven't received 94.5 Ravena NY.

## DECEMBER 30 TrS

0046 101.7 WFLK, Geneva NY "K-101.7 Big Country"  
0122 100.1 W261BX, Forty Fort PA //WRGN w/ID. 8w @ 66 miles.  
0150 100.1 WBRR, Bradford PA 221 Calls, Cool 100  
1005 100.5 WOMP, Bellaire OH 337 "Today's Best Mx, WOMP Bellaire- Wheeling."

## DECEMBER 31 TrS

1627 94.9 WJQI, Virginia Beach VA 303 "Hampton Roads New Q 94.9"  
1715 100.5 WCMS, Norfolk VA calls 304  
1902 100.9 WNNT, Warsaw VA 241 IDing as "Warsaw-Tapahannock"  
2049 98.1 WKZE, Salisbury CT 81 Tri-state wx for NY, CT and MA.  
2130 96.9 W245AC, Harmony Tp NJ //WWFM 34  
2255 94.9 CIMF, Hull PQ 314 FF and FF mx.  
2317 94.9 WKLL, Frankfort NY 153 Nothing exceptional about this one except that I think it was reinforced with an Ms burst.

## JANUARY 1, 1995 DX

0009 101.7 W295AB, French. Had to stay home and work on a report. Nice tropscatter while typing. WRCZ Pittsfield and WENU Hudson Falls also in.  
1430 98.9 WOKO, Burlington VT C/W, Calls 247  
1803 94.1 CBL, Toronto ON 303 CBC Radio News and negative temps.  
2006 90.3 WCIH, Elmira NY Family Life Net. 131



I deleted about 30 stations in my totals from Jersey City, the Bronx or Westchester NY DX days from the past fifteen years that I received only by my GW proximity (mostly stations in LI and CT.) Hoped for 1000 in 1994 and ended with 1054 (now 1055). But no NC receptions at all, not even one. Several new 1994 states: IN, KY and SD. Cuba also for the first time on FM. Happy 1995. Am on 99.5 trying to get Scranton through NY

**\*GOT ANY DX LATELY? REPORT IT TO THE V.U.D!\*** 23

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

(416) 364-0725 - e-mail: chernos@web.apc.org

## December 22 Tr (Toronto east end)

0015 CFRC 101.9 ON Kingston, very strong  
0015 CJBC 94.3 ON Belleville, very strong

## December 24 Tr (NE of Toronto)

1950 unID 104.1 ad for something in downtown  
Bethlehem see notes

## December 24 Tr (Burnt River)

2119 CKNX-1 104.9 ON Meaford //Wingham101.7  
2120 CIQB 101.1 ON Barrie,ex-950AM B-101,rm  
2120 CJKX 95.9 ON Ajax ex-1390 AM k  
2130 WNWV 107.3 OH Elyria, area stations in well

NOTE: Missed the best of the Xmas Tropo, but did note near Midland that central MI was very strong, as was Ottawa, Erie, etc... Had 100.3 Grayling WGRY and 94.9 station that is // Tawas City. So, they're both on-air. The 104.1 was a real laugh...an ad for something in downtown Bethlehem, which is in keeping with the Allentown station - Bethlehem is nearby. Of course, this is also Xmas Eve, and I also catch a country station // 105.9 Orillia ON, which means Midland ON, and it was doing some kind of parody with frequent mentions of Bethlehem, one sounding like a mock ad. The bottom line is I'm not certain if I had one or two stations, and both were, for awhile, quite strong, and nothing else from the Allentown area - or even close - was coming in, yet the Midland area, through Meaford ON, was quite strong at times. Had me going for awhile, and I was thinking briefly of heading back to Toronto to DX at the Scarborough Bluffs, which face south and favour the Allentown direction. Instead I went on to Burnt River, my original destination, and was sorely disappointed by that evening's DX. Must have something to do with the fact that I am an atheist of Jewish background, heh! A happy DX-filled Gnu Year to all! - Saul

## GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna = 20' AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at = 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp.

## NOVEMBER 25, 1994 E-skip

1830 KSNR 100.3 MN Thief River Falls, ID 917

## DECEMBER 1994 DX

26 Tr  
2347 WHSB 107.7 MI Alpena, well o/local 276  
2350 WKCO 98.1 MI Saginaw, KCQ with  
k\$, strong signal o/CHFI w/out phasing

## December 27 Tr

0127 WELL 104.9 MI Marshall, ads, k\$ 323  
0715 WSAE 106.9 MI Spring Arbor, strong w/  
Cont. Christian "Power Praise 107" 304  
0730 WBCH 100.1 MI Hastings, BCH, k 335

## JANUARY 3, 1995 MS

1140 CKLE 92.9 NB Bathurst, local WBUF off  
the air, in often with FF\$ ads, good bursts 709



KSNR FM 100.3

THIEF RIVER FALLS - GRAND FORKS - CROOKSTON

The opening on December 26-27 was much better than indicated in this report. Starting around Christmas morning, there was some very good TV tropo, especially UHF, peaking around 1am on the 27th. (See my report soon in ETVDX for more information). Unfortunately, it really did not seem to affect FM at all, even leaving FM with dead conditions at times, while TV was raging! Especially odd was that VHF was going well-not that far off from FM frequency-wise. It did get going a bit at the indicated times, but not nearly like it was on the FM band. There also have been some TV skip openings noted here, but the November opening listed above is the only one that I have heard reach into the FM band. From phone tips, I did miss a few others, but nothing major. For awhile, conditions were pretty decent tropo-wise around here for this time of year, thanks probably to the "El Niño" weather pattern, giving us a very sunny December, with warm temperatures (many upper 40s, instead of the normal 30-35). These numerous high pressures brought us quite a few "Detroit/Cleveland/Toledo" openings, nothing to shout about, but not as common usually this time of year. With the onset of mid-winter conditions this first week of January (lots of snow, highs 15-25), conditions have returned

24 being dead-band. Hope you all got in on the great opening at the end of December!

## 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 36 feet above ground separated at 23 feet, with use of Bolin phase box.  
\*Denotes use of phase box.

## October 1994 (CDT)

15 tr  
2002\*WBUZ 106.5 OH Delta-Toledo, pr\$ 120  
"Buzz-106.5"  
(o/WLSN 106.5 OH Greenville) 40  
16 tr  
0421\*WJSZ 92.5 MI Ashley, o\$ 213  
(o/WVKS 92.5 OH Toledo) 140  
18 MS  
?? KOSI 101.1 CO Denver 1040  
24 tr  
0000\*WZOM 105.7 OH Defiance, o\$ 93  
ex-105.9  
(o/WTLC 105.7 IN Indy) 50  
November 1994 (EST)

4 MS  
0600 WMAU 88.9 MS Bude, previous Es 676  
14 tr  
0200\*WZNX 106.7 IL Sullivan-Decatur- 176  
ex-106.3 Mattoon, pr\$, "The Fox"  
(o/WGLM 106.7 IN W. Lafayette) 82  
17 tr  
0129 KOEL 92.3 IA Oelwein, k\$ 380  
0200 KRES 104.7 MO Moberly, k\$ 378  
0300 KUNI 90.9 IA Cedar Falls, mj\$ 401  
0331 KQYB 98.3 MN Spring Grove, k\$, 397  
many ads, "KQ-98," wx

## December 1994

9 MS  
?? KETR 88.9 TX Commerce 754  
(IN Anderson, off nights)  
23 tr/gw  
0557 WJTD 98.7 OH McArthur, s/on, \$ 167  
0600 WQME 98.7 IN Anderson, s/on, \$ 16  
1810 WTGR 97.5 OH Union City- 31  
Greenville OH-Richmond IN, played  
"Eye of the Tiger" 67 hours before s/on  
25 tr (Santa Claus was sure good to me!)  
0300\*WVTE 93.9 IL Lincoln- 210  
ex-100.1 Springfield, k\$  
(o/WXTZ 93.9 IN Noblesville-Indy) 40

## Meteor Scatter Results:

0/18 KOSI "...Denver Public Schools  
this morning..."  
N/4 WMAU "...PRM. WMAU FM-88.9 Bude..."  
D/9 KETR "...about 55 to 60. From the  
Sulphur Springs State Bank, this is staff  
meteorologist Rod Carrollton for the

D/9 KETR cont'd:  
Mint - KETR. Programing on KETR is made  
possible in part..."  
J/2 KMPR "...some light ground drift-  
ing in the Dickinson area..."  
J/4 KAML "...KAML..."

Last June 28 I had Es on 88.1 to the south. Four stations were fighting it out. A Mexican came in giving watts of power and XH--- when a c station blasted in on it. Then more SS followed by an EE mx broadcast. I sent this UNID to Frank Merrill who compared it to his Mexico City ID. Yes, it was definetely Mexico City. The SS after the c burst says, "Ciudad de México." (Mexico City) The only thing I didn't get were the last three call letters - RED, which is very clear on Frank's tape. This is my first double hop in 22 years of FM DXing at 1656 miles. Another UNID was heard Aug. 19 on 95.3 to FF Canada. I sent my UNID to Alain Pepin of St. Jean-Sur-Richelieu, Quebec. Alain's reply says, "Vous syntonisez CHOE-FM 95.3 Matane," and "very clear ID with call sign." Call letters were finally given in the Nov. FMedial, but this station was on the air last August. Thank you Frank and Alain. I have two pirates in the area. Someone has a strong \$ signal on 88.1 to the west playing music and never talking. Another \$ signal is to the NW of me on 91.3 re-broadcasting 97.1 WENS Shelbyville-Indy, IN.

Bob Zent was recently in Bedford, IN. He heard the 89.9 Mitchell, IN xltr with no hourly ID. As I thought, it's in mono, and the only WJSO xltr I can find on 89.9. I heard the 98.7 Findlay, OH xltr ID on hour as "WTGN Lima" when I was in Findlay last March.

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THIEF RIVER FALLS - GRAND FORKS - CROOKSTON

## DECEMBER 1994 DX

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24 tr 0000\*WZOM 105.7 OH Defiance, o\$ 93

ex-105.9 (o/WTLC 105.7 IN Indy) 50

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4 MS 0600 WMAU 88.9 MS Bude, previous Es 676

14 tr 0200\*WZNX 106.7 IL Sullivan-Decatur- 176

ex-106.3 Mattoon, pr\$, "The Fox" (o/WGLM 106.7 IN W. Lafayette) 82

17 tr 0129 KOEL 92.3 IA Oelwein, k\$ 380

0200 KRES 104.7 MO Moberly, k\$ 378

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23 tr/gw (IN Anderson, off nights) 0557 WJTD 98.7 OH McArthur, s/on, \$ 167

0600 WQME 98.7 IN Anderson, s/on, \$ 16

1810 WTGR 97.5 OH Union City- 31

Greenville OH-Richmond IN, played "Eye of the Tiger" 67 hours before s/on

25 tr (Santa Claus was sure good to me!) 0300\*WVTE 93.9 IL Lincoln- 210

ex-100.1 Springfield, k\$ (o/WXTZ 93.9 IN Noblesville-Indy) 40

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25 tr (Christmas morning cont'd)

0522 KXOZ 96.9 MO Mountain View- 407

xmas mx \$ West Plains

0600 KKTZ 107.5 AR Mountain Home, 464

xmas mx \$ "Mix-107"

0629\*KAMS 95.1 AR Mammoth Spring, 420

"K-Country 95," k\$, many ads

(o/WAJI 95.1 IN Fort Wayne) 62

0703 KOLL 94.9 AR Maumelle- 534

"Cool-95" Little Rock, o\$

0756\*KWOZ 103.3 AR Mountain View- 473

xmas mx \$ Batesville

(o/WRZZ 103.3 IN Indy) 50

0900\*KUAR 89.1 AR Little Rock, c\$ 533

(o/WBNI 89.1 IN Fort Wayne) 62

26 gw 0700 WTGR 97.5 OH Union City- 31

Greenville OH-Richmond IN, s/on,

first day on air, "The Tiger," r\$

31 Es 1821 KLZX 93.3 UT Salt Lake City, 1393

wx, \$, "Z-93"

1822 KQSW 96.5 WY Rock Springs, k\$ 1249

1825 KALL 94.1 UT Salt Lake City, 1393

"Salt Lake City's oldies," \$

1830 KUWZ 90.5 WY Rock Springs, 1249

U WY Refs. car talk \$

1832 KRGL 90.9 UT Salt Lake City, 1393

raggae \$

1841 KBER 101.1 UT Ogden- 1394

"K-Bear" Salt Lake City, r\$

1849 KWYK 94.9 NM Aztec, r\$, 1244

last wx report for 1994

## January 1995

2 MS 2038 KMPR 88.9 ND Minot 965

4 MS ?? KAML 96.9 WY Gillette, 1068

Previous Es

(DEC/JAN meteor showers not very good!)

# STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records, States Stats and Personal Best Statistics of FM/TV Diers (Column issued bi-monthly, 1996 Deadlines: Mar 5th, May 5th, Jul 5th, Sep 5th & Nov 5th)

Fred Nordquist

7945 Borford Rd  
Clay, NY 13041

E-Mail:  
fnordqui@erc.cal.syr.edu

## ALL-TIME FM/TV DISTANCE RECORDS

MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC	MHZ	PROP	CALL	STATE/CITY	MILES	DXERLOC
88.1	ES	WCRP	PR QUAYAMA	2280	DBU-OK	91.5	AU	WRPI	NY TROY	512	FME-MI	95.1	MS	WLST	WI MARINETTE	1146	RSA-TX
88.1	TR	KLON	CA LONG BEACH	2490	SRE11H	91.7	ES	XKHL	ME MONTERREY	1719	QCO-NO	95.1	AU	KICT	KS WICHITA	651	RBR-MI
88.1	MS	WPBR	NC CLAREMONT	1325	DAL-CT	91.7	TR	XKHL	ME MONTERREY	1101	CH01FL	95.3	ES	KUIC	CA VACAVILLE	1995	KPU-AL
88.1	AU	CBZAFP29	NC CHARLOTTE/TOWN	791	DNI-NY	91.7	MS	KOSU	OK STILLWATER	870	FMC-ND	95.3	TR	KWBR	CA PISMO BEACH	2383	SRE11H
88.3	ES	UNIN	IN EVANSVILLE	1872	JUEZCA	91.7	AU	KRSW	MN WORTHINGTON	859	DNI-NY	95.3	MS	NONE	NONE	0	----
88.3	TR	KPAC	TX SAN ANTONIO	1040	MJE-FL	91.9	ES	WSIU	IL CARBONDALE	1748	JPT1CA	95.3	AU	KDGS	ON HAMILTON	378	SRE-CT
88.3	MS	WRBH	LA NEW ORLEANS	1105	DNI-NY	91.9	TR	KCSB	CA SANTA BARBARA	2417	SRE11H	95.4	TR	XKHX	ME MEXTAMPIO	491	GHA-TX
88.3	AU	UNIN	IN EVANSVILLE	947	DAL-CT	91.9	MS	WHRM	WI WAUSAU	1012	RJO-ND	95.5	ES	MOVV	FL FT PIERCE	1619	FMC2ND
88.4	ES	TGRT	GU GUATEMALA	1136	GHA-TX	91.9	AU	WSIU	IL CARBONDALE	741	FMC2ND	95.5	TR	KLOS	CA LOS ANGELES	2491	SRE11H
88.5	ES	WHCF	ME BANGOR	1955	PDY-TX	92	ES	XEBJ	ME MEXDO VICTORIA	873	GHA2OK	95.5	MS	KDCK	KS DOGGE CITY	1195	JUEZCA
88.5	TR	KOED	CA SAN FRANCISCO	2357	SRE11H	92	ES	CAJZ	AT CALGARY	1760	DNI-NY	95.5	AU	WHPK	NC HIGH POINT	604	SCH-ON
88.5	MS	WFOJ	NC WINSTON-SALEM	1161	GHA-TX	92.1	TR	CKY	MO WINNIPEG	842	FMC-ND	95.7	ES	WFJD	PR RIO PIEDRO	1852	DNI-WY
88.5	AU	WAMU	DC WASHINGTON	934	JEB-MN	92.1	MS	WJGA	GA JACKSON	929	SGR-IL	95.7	TR	KKHI	CA SAN FRANCISCO	2357	SRE11H
88.7	ES	KFGG	TX CORPUS CHRISTI	2029	MCB-BC	92.1	AU	UYXE	WI SUN PRAIRIE	260	ABD-IL	95.7	MS	KOTM	CA TWENTYMILE PA	2028	DHA-ON
88.7	TR	KFAC	CA SANTA BARBARA	2417	SRE11H	92.15	ES	CHBC	CU CUBAHANA	1299	GHA2OK	95.7	AU	WPTU	OH PIQUA	467	FMC-ND
88.7	MS	WHA	WI MADISON	1080	GHA-TX	92.3	ES	MBOF	FL ORLANDO	1733	FMC-ND	95.9	ES	KDNL	MN FARIBAULT	1561	JUEZCA
88.7	AU	WHA	WI MADISON	684	FMC-ND	92.3	TR	KKBT	CA LOS ANGELES	2491	SRE11H	95.9	TR	KKOS	CA CARLSBAD	2527	SRE11H
88.8	ES	TGRT	GU GUATEMALA	1148	PDY-TX	92.3	MS	WVAE	MI DETROIT	1176	DAL-CT	95.9	MS	KEYE	TX PERRYTON	1016	WHE3ON
88.9	ES	WSHA	NC RALEIGH	2069	FAD11D	92.3	AU	KLID	OR PORTLAND	1017	FMC-ND	95.9	AU	KHDL	MI FARIBAULT	477	FMC-ND
88.9	TR	KXLU	CA LOS ANGELES	2491	SRE11H	92.5	ES	HIDG	DR SANTO DOMINGO	1967	FME11L	96.1	ES	KEZF	ID IDAHO FALLS	1633	MJE-FL
88.9	MS	WMBW	TN CHATTANOOGA	1122	DAL-CT	92.5	TR	XHRM	ME HATTIJUANA	2536	SRE11H	96.1	TR	KSLY	CA SAN LUIS OBIS	2383	SRE11H
88.9	AU	WMBW	TN CHATTANOOGA	745	FMC-ND	92.5	MS	KAFM	TX DALLAS	1466	JUE-CA	96.1	MS	KIDJ	ID IDAHO FALLS	1224	PDY-TX
89	ES	YSRT	ES SAN SALVADOR	1243	RDY-CT	92.5	AU	WYGO	OH TOLEDO	749	FMC2ND	96.1	AU	GA	GA ATLANTA	588	RBR-MI
89.1	TR	WJFT	FL GAINESVILLE	978	PDY-TX	92.7	ES	WJCF	FL STUART	1503	BE2NM	96.3	ES	WBBN	IL CHICAGO	1842	JUEZCA
89.1	MS	WBSN	LA NEW ORLEANS	1105	DNI-NY	92.7	TR	WZFR	FL STUART	1075	SW11TX	96.3	TR	KSFG	CA LOS ANGELES	2491	SRE11H
89.1	AU	KJMW	KS WICHITA	651	RBR-MI	92.7	MS	WJUX	WI WAUPACA	431	PSA-ON	96.3	MS	WMYO	FL MIAMI	1056	ABD-IL
89.2	ES	KEJT	ME MEXTAMPIO	974	GHA2OK	92.7	AU	KBRX	ME O'NEILL	425	FMC-ND	96.3	AU	WJR	MI DETROIT	542	JEB-MN
89.3	ES	WONE	WI GREEN BAY	1812	JUEZCA	92.9	ES	WSDC	MN DULUTH	1644	JUE-CA	96.5	ES	WMOJ	PR FAJARDO	1998	ABD-IL
89.3	TR	WRTP	FL GULFPORT	1066	SW11TX	92.9	TR	WBKX	AL MOBILE	887	DNI-CT	96.5	TR	KYXX	CA SAN DIEGO	2531	SRE11H
89.3	MS	WVHM	WI CHILTON	1168	GHA-TX	92.9	MS	KITY	TX SAN ANTONIO	1251	CHO-ON	96.5	MS	KXTR	MO KANSAS CITY	1254	PGE-MA
89.3	AU	WCAL	MN NORTHFIELD	712	SCH-ON	92.9	AU	WVNY	VT BURLINGTON	841	ABD-IL	96.5	AU	WVIC	CT HARTFORD	565	FME-MI
89.4	ES	TGDT	GU QUETZALT	1168	GHA-TX	93.1	ES	KAMA	TX EL PASO	1804	DNI-ND	96.7	ES	KHFI	TX GEORGETOWN	1477	JFE NJ
89.5	ES	XHME	ME KEMPUERTO VALLAR	1560	JUEZCA	93.1	TR	KOGD	CA LOS ANGELES	2491	SRE11H	96.7	TR	KWIZ	CA SANTA ANA	2505	SRE11H
89.5	TR	KPBS	CA SAN DIEGO	2331	SRE11H	93.1	MS	KBBH	SD STURGIS	1185	RJO-ND	96.7	MS	NONE	NONE	0	----
89.5	MS	KRWV	MN PORTALES	1072	RST-IN	93.1	AU	WDRG	MI DETROIT	542	JEB-MN	96.7	AU	WJOL	IL JOLIET	349	JEB-MN
89.5	AU	WPKM	CT BRIDGEPORT	798	ABD-IL	93.2	ES	YHGO	ME MONTERREY	1385	RBR-MI	96.9	ES	CBUFS	BC TERRACE	1546	DAL-CT
89.6	ES	TGDX	GU GUATEMALA	1136	GHA-TX	93.2	TR	XNOG	ME MONTERREY	644	GHA-TX	96.9	TR	WJMK	FL FT MYERS	1037	PDY-TX
89.7	ES	WJST	FL TAMPA	2386	JUEZCA	93.3	ES	KDZJ	IA DES MOINES	1517	JUEZCA	96.9	MS	WDCZ	KY LEXINGTON	1113	DAL-CT
89.7	TR	KSON	CA RIVERSIDE	2540	SRE11H	93.3	TR	KZQZ	CA SAN LUIS OBIS	2383	SRE11H	96.9	AU	WLAY	MI GRAND RAPIDS	1047	DAL-CT
89.7	MS	KGCC	TX DENISON	1131	LVO-VA	93.3	MS	KYKR	TX PORT ARTHUR	1195	PSA-ON	97.1	ES	WFOJ	GA GAINESVILLE	2140	JUEZCA
89.7	AU	WGBH	MA BOSTON	914	ABD-IL	93.5	AU	WBBW	OH YOUNGSTOWN	690	JEB-MN	97.1	TR	KLSX	CA LOS ANGELES	2491	SRE11H
89.7	ES	WFTL	FL JACKSONVILLE	1629	FMC-ND	93.5	ES	XHPH	ME MEXTAMPIO	1492	NS11NC	97.1	MS	KVEH	AR CAMDEN	1076	SCH-ON
89.9	TR	KBNL	TX LAREDO	1032	CHO1FL	93.5	TR	KFOK	CA REDONDO BEACH	2640	SRE11H	97.1	AU	WUOV	WI SPARTA	591	FMC-ND
89.9	MS	WTLR	PA STATE COLLEGE	948	HNA-NE	93.5	AU	WKMG	NC COLUMBUS	452	JEB2ND	97.3	TR	KSON	CA SAN DIEGO	2531	SRE11H
89.9	AU	WNSA	WI BRULE	1233	GHA-TX	93.7	ES	WJIT	PR SAN JUAN	2263	RJO-OK	97.3	MS	KBUF	KS GARDEN CITY	1240	SCH-ON
90	ES	YSU	ES SAN SALVADOR	1233	GHA-TX	93.7	TR	KDB	CA SANTA BARBARA	2417	SRE11H	97.3	AU	KDNI	IA DES MOINES	782	SCH-ON
90.1	ES	KPFT	TX HOUSTON	2001	MNI-BC	93.7	MS	WDCM	MA LAWRENCE	1501	KCO-OK	97.5	ES	KINT	TX EL PASO	1670	RSE-NY
90.1	TR	KCBX	CA SAN LUIS OBIS	2383	SRE11H	93.7	AU	KWVR	SD WINNER	662	ABD-IL	97.5	TR	KHTX	CA RIVERSIDE	2540	SRE11H
90.1	MS	WMBI	IL UNITAQUO	1042	GHA-TX	93.9	ES	KJLO	CO COLORADO SPRING	1835	CHO1FL	97.5	MS	WHTY	CA SANTA BARBARA	2417	SRE11H
90.1	AU	KJRP	MN COLLEGEVILLE	767	SCH-ON	93.9	TR	KXLA	CA LOS ANGELES	2491	SRE11H	97.5	AU	WAMZ	KY LOUISVILLE	1043	DAL-CT
90.3	ES	KKED	TX CORPUS CHRISTI	1598	FMC-ND	93.9	MS	WJML	FL MIAMI BEACH	1306	SCH-ON	97.7	ES	CBUF	BC VANCOUVER	1526	JPT1CA
90.3	TR	XWITZ	ME HATTIJUANA	2536	SRE11H	93.9	AU	WALS	SD RAPID CITY	838	ABD-IL	97.7	TR	KDUV	TX KINGSVILLE	993	CHO1FL
90.3	MS	WHLA	WI HOLMEN	1091	GHA-TX	94	ES	XET	ME MONTERREY	1382	JEB-MN	97.7	MS	CBUF	BC VANCOUVER	1143	DAL-CT
90.3	AU	WBLI	IN FT WAYNE	704	FMC2ND	94.1	ES	WQYE	PR MAYAGUEZ	2263	RBR11A	97.7	AU	CHOM	QC MONTREAL	486	RBR-MI
90.5	ES	WSMC	TN COLLEGEVILLE	2057	JUEZCA	94.1	TR	KFSD	CA SAN DIEGO	2531	SRE11H	97.9	ES	ETIA	ME MEXQUADALAJARA	2066	RSE-NY
90.5	TR	KHSU	CA ARCADIA	2374	SRE11H	94.1	MS	KBTO	TX BEAUMONT	1192	PSA-ON	97.9	TR	WJNO	FL PALM BEACH	1142	GHA-TX
90.5	MS	KKCV	MO MARYVILLE	985	FMC-ND	94.1	AU	KCKK	KS KANSAS CITY	881	DNI-NY	97.9	MS	WRMF	FL PALM BEACH	1130	FME11L
90.5	AU	CBHA	MS HALIFAX	1026	FME2ON	94.3	ES	KVFM	CA SAN FERNANDO	1510	DNO-IA	97.9	AU	WSIX	TN NASHVILLE	726	SCH-ON
90.7	ES	KMMU	MO ST. LOUIS	1724	JUEZCA	94.3	TR	KIKF	CA GARDEN GROVE	2505	FAD-OR	98.1	ES	WTOF	ON CANTON	2050	FAD-OR
90.7	TR	KPFA	CA LOS ANGELES	2491	SRE11H	94.3	MS	WQMK	FL MARATHON	1572	DHA-ON	98.1	TR	KIFM	CA SAN DIEGO	2531	SRE11H
90.7	MS	WREL	FL W PALM BEACH	1126	DNI-NY	94.3	AU	WPRE	WI PRAIRIE DU CH	777	DAL-CT	98.1	MS	WOPM	OH ALLIANCE	1275	DAL-CT
90.7	AU	KRMU	MO ST. LOUIS	850	JFE-MJ	94.5	ES	KELT	TX HARLINGEN	2110	MCB-BC	98.1	AU	KHAK	IA CEDAR RAPIDS	793	DAL-CT
90.9	ES	KCHM	MO WARRENBURG	1534	JUE-CA	94.5	TR	KELT	TX HARLINGEN	2110	MCB-BC	98.5	ES	CFEJ	CA KINGSTON	1645	JPT1CA
90.9	TR	KCBT	TX DALLAS	962	JCO-FL	94.5	MS	KTSP	MN ST. PAUL	1113	PDY-TX	98.5	TR	WRTO	FL GULFPORT	1066	SW11TX
90.9	MS	CBX	TX EDMONDSON	1170	JUEZCA	94.5	AU	WKLQ	MO GRAND RAPIDS	1047	DAL-CT	98.5	MS	WNLG	FL GULFPORT	1214	DHA-ON
90.9	AU	KUNTI	IA CEDAR FALLS	589	FMC-ND	94.5	ES	KTIS	MO SPRINGFIELD	1569	JUEZCA	98.5	AU	KOTB	MN SPRING GROVE	764	DAL-CT
91	ES	JBC-2	JAMCORPERS HILL	1953	JPT1-NM	94.7	TR	KAPT	TX LULING	919	CHO1FL	98.5	ES	KPAC	TX PORT ARTHUR	1650	RWOZAT
91.1	TR	XETRA	ME HATTIJUANA	2536	SRE11H	94.7	MS	KSET	TX EL PASO	1160	ABD-IL	98.5	TR	KSAY	CA FT BRAGG	2338	SRE11H
91.1	MS	KSJM	MN ST. PAUL	1123	GHA-TX	94.7	AU	WPTF	NC RALEIGH	1512	FME-MI	98.5	MS	WTFM	TN KINGSPORT	1207	JPT1-NM
91.1	AU	KSJM	MN ST. PAUL	738													

ALL-TIME FM/TV DISTANCE RECORDS

STATISTICS

CH	PRP	CALL	LOCATION	MILES/DXER-LOC	CH	PRP	CALL	LOCATION	MILES/DXER-LOC	CH	PRP	CALL	LOCATION	MILES/DXER-LOC
27	TR	WXYT	KY LEXINGTON	1108 FMC-MD	46	TR	WMPJ	FL NAPLES	1147 FGA-NL	66	TR	W8MH	MI FLINT	674 RBA-NA
28	TR	WFGS	SC NARDEEVILLE	1245 FGA-NL	47	TR	WJFT	FL JACKSONVILLE	1178 FGA-NL	67	TR	W6700	AL HUNTSVILLE	1028 FGA-NL
29	TR	WFLX	FL W PALM BEACH	1253 FGA-NL	48	TR	WMAF	AL MOUNTAIN	1028 FGA-NL	68	TR	W68CF	FL TAMPA	1109 FGA-NL
30	TR	WANS	FL JACKSONVILLE	1178 FGA-NL	49	TR	WTLH	GA BAINBRIDGE	1020 FGA-NL	69	TR	WMTS	FL HOLLYWOOD	1251 FGA-NL
31	TR	WSTAT	FL GAINESVILLE	1130 FGA-NL	50	TR	WBHS	FL TAMPA	1109 FGA-NL	70	TR	K70CL	IA FT DOGGE	532 FMC-MD
32	TR	WTVW	FL LAKELAND	1140 FGA-NL	51	TR	W5CV	FL FT LAUDERDALE	1251 FGA-NL	71	TR	W71AE	IL LA SALLE	611 RCO-OK
33	TR	WBFS	FL MIAMI	1248 FGA-NL	52	TR	WTGL	FL COCOA	1215 FGA-NL	72	TR	W72AT	PA E TOMANDA	748 JKA-IL
34	TR	WBIA	NY BINGHAMPTON	1253 RCO-OK	53	TR	WFLI	TN CLEVELAND	1126 FGA-NL	73	TR	W73BU	TX BIG LAKE	302 GME-OK
35	TR	WOLP	FL MIAMI	1248 FGA-NL	54	TR	WFXD	GA AUGUSTA	1225 FGA-NL	74	TR	W74AS	MI WHITE PINE	583 RSE-NY
36	TR	WFTX	FL CAPE CORAL	1226 RBA-NA	55	TR	WIRB	FL MELBOURNE	1221 FGA-NL	75	TR	K75GJ	MN REDWOOD FALLS	478 GOL-IL
37	MS	KSTM	MO ST. LOUIS	838 RMA-FL	56	TR	WFSG	FL TALLAHASSEE	1028 FGA-NL	76	TR	CBFT0M	KITCHENER	562 RKR1L
38	TR	W5BK	MA BOSTON	1500 RCO-OK	57	TR	W57BA	FL TAMPA	1109 FGA-NL	77	TR	K78CA	IA KEOSAUQUA	473 RCO-OK
39	TR	KHTV	TX HOUSTON	1254 RSE-NY	58	TR	WVJB	MJ NEW BRUNSWICK	852 JKA-IL	78	TR	W79CJ	ON TORONTO	407 WDR-WI
40	TR	WWSB	FL SARASOTA	1099 FGA-NL	59	TR	WJEB	FL JACKSONVILLE	1178 FGA-NL	80	TR	K80AM	IA DUBUQUE	610 RCO-OK
41	TR	WNGT	GA MACON	1117 FGA-NL	60	TR	W50AN	FL BIG PINE	1184 FGA-NL	81	TR	W77AA	MI IRON MOUNTAIN	355 WDR-WI
42	TR	WREL	FL W PALM BEACH	1253 FGA-NL	61	TR	W61BL	FL TAMPA	1109 FGA-NL	82	TR	K82AJ	MN INTERNATIONAL	367 FMC-MD
43	TR	WBSF	FL MELBOURNE	1221 FGA-NL	62	TR	WBLD	KY LEXINGTON	728 RCO-OK	83	TR	W83AS	MI LA CROSSE	235 JKA-IL
44	TR	WTOG	FL ST. PETERSBURG	1174 RBA-NA	63	TR	WHSQ	GA MONROE	1159 FGA-NL					
45	TR	WHTT	FL MIAMI	1248 FGA-NL	64	TR	WGMH	GA MACON	1117 FGA-NL					
					65	TR	W65BG	FL TALLAHASSEE	1028 FGA-NL					

STATISTICS

WTFDA GUIDELINES FOR COMPUTING TV-FM DISTANCE RECORDS AND SCOREBOARD TOTALS

- 1] A TV Station received on more than one channel (when it changes channel, but retains its identity) may be counted once for each channel, excluding change in offset on the same channel. Simultaneous reception of the same station on more than one channel is usually a receiver problem only, though you may present evidence to the contrary. An FM station may be counted again when it deliberately changes frequencies, or varies more than 100kHz from its normal frequency. DXers should be certain they are not counting receiver images or mixing products.
  - 2] Stations operating successively on the same channel in a single city what are clearly unrelated (i.e., with different call letters and a hiatus in occupation of the channel, or non-renewal of the first station's license) are counted as separate stations.
  - 3] A move in a station's transmitter location does not allow it to count as a new station unless the CITY OF LICENSE also changes. Thus, a station starting in a small city and later moving both transmitter and identity to a larger city, if received during both phases of operation, will count twice. Stations moving antenna from downtown to suburbs, for example, with no change in the city of license, count only once. The addition of a city to a station's identity (multiple city station identification) does not count as a new station.
  - 4] A change in call letters per se is not sufficient reason to count that station as new, whether or not a change in ownership is involved in a continuously operation station. Power level or changes in power alone shall have no bearing on these guidelines.
  - 5] Sharetime stations (rare cases of two stations in the same coverage area sharing the same frequency at different times of the day) count as one if they share their transmitter; individually if they have separate transmitter sites.
  - 6] DX received via cable TV may be counted if the station was received off the air on its original frequency at the CATV headend, from which distances must be measured. TOTAL INCLUDING CATV MUST BE SPECIFIED.
  - 7] The precise location of the transmitting antenna shall be the determining factor in computing the DX path distance and tallying the number of political units received.
  - 8] Verifications are not required; however, contributors must be reasonably certain that all stations claimed were received. Those totals limited to verified only should be labeled as such.
  - 9] DX obtained by recording only, and not witnessed at the actual time of the reception, is eligible -- so long as the contributor himself chose the frequency and prepared the recording apparatus. When more than one DXer is present at a DX reception, even as a visitor to another DXer's shack, only those having an active part in the reception may claim the DX.
  - 10] Translators and experimental stations, as well as unlicensed outlets such as pirates and clandestines, are eligible. Harmonics of TV video signals are eligible if they fall within another TV band, and those of FM stations are eligible if the harmonics fall within the FM band. But utility stations monitored on FM or TV, and CATV radiation, do not count.
- Note: The above guidelines are to be used for reporting to WUD columns. Feel free to count your station totals any way you like in your own log, but please follow the above guidelines for WTFDA purposes. WTFDAers come from varied backgrounds and differ widely on how to count station totals; without the above, it would be like comparing "apples and oranges" when reading DX report columns. These are essentially the same guidelines in use since the WTFDA began, and comments on them are always welcome—but remember, unless reporters follow the same standard in counting stations, it's very hard to compare their results.)

**NOTE:** The FM/TV All-Time Distance Records were recalculated using DXer location grid coordinates (City coordinates if exact coordinates not given to me), and the City of License coordinates for all TV/FM Stations to simplify distance calculations. This is a variance to Rule #7 of the WTFDA guidelines for computing TV-FM Distance Records. It would be a very time-consuming task to keep track of all transmitter locations (especially when many transmitters are relocated over all the years that records are tracked. Please check your DX coordinates for any errors. If you have any suggestions on other statistics that you would like to appear in this column, let me know. TV-FM Distance Records for current WTFDA members (or for the current year) are some possibilities (after I gain access to a membership list). If you want a printout of distances between your DX location and all cities having TV/FM stations in North America including the Caribbean/Central America, I still offer this service for a \$2.00 donation to cover costs. Please indicate your DX location grid coordinates and whether you want the listing in miles or kilometers. Fred Nordquist.

ALL-TIME TV DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	DYER INITIALS/LOCATION	LAT NO.	LONG WEST	DEG MIN	DEG MIN
ACC- ARNOLDO CORA	CUBA MARIANO	23	5	82	26
BBA- BUCK BATTIN	MN DULUTH	46	47	92	6
BBR- BEDFORD BROWN	AR HOT SPRINGS	34	30	93	3
BRA- BARNEY RAUCH	IL PEORIA	40	42	89	36
CHA- CHRISTOPHER HALL	MA SALEM	42	31	70	55
CLU- CARL LUPTON	IL SPRINGFIELD	39	47	89	40
DJO- DORIS JOHNSON	WA LONGVIEW	46	8	122	56
ESH- EDWIN SHOREY	KS DERBY	37	33	97	16
ESP- ED SPARKS	TX ODESSA	31	51	102	22
FGA- FERNANDO GARCIA	MEX GUADALUPE(NL)	25	41	100	15
FMC- FRED MCCORMACK	MO DES LACS	48	17	101	25
GGI- GHISLAIN GIRARD	PQ ARVIDA	48	25	71	11
GHA- GLENN HAUSER	TX VON ORMY	29	18	98	31
GNE- GLEN NEIL	OK SAYRE	35	18	99	38
GOL- GARY OLSON	IL DEERFIELD	40	10	87	51
JBU- JERRY BURCH	AR HOT SPRINGS	34	30	93	3
JKA- JEFF KADET	IL MACOMB	40	27	90	40
POY- PAT DYER	TX SAN ANTONIO	29	28	98	36
PRA- PHIL RADER	IN INDIANAPOLIS	39	47	89	40
RBA- ROY BARSTOW	MA TEATICKET	41	36	70	36
RCD- ROBERT COOPER	OK OKLAHOMA CITY	35	28	97	32
ROD- ROBERT COOPER	CA LAFAYETTE	37	53	122	7
ROO- ROBERT COOPER	CA FRESNO	36	45	119	45
RCD- ROBERT COOPER	OK ARCADIA	35	39	97	19
RIT- RICHARD ITALIANO	NY BINGHAMPTON	42	8	75	54
RKR1- ROBERT KRAMER	IL CARBONDALE	42	44	89	13
RNI- RICHARD NIEMAN	NY BUFFALO	42	54	78	53
RSE- ROBERT SEYBOLD	NY DUNKIRK	42	29	79	20
RMA- R.J. WALKER	FL DAYTONA BEACH	29	12	81	0
SRE1- SHELTON REMINGTON	HI KEAAU(FERN FOR)	19	27	155	10
THI- THOMAS HIDLEY	IL CRYSTAL LAKE	42	13	88	17
UNI- UNID ARO	GREENHULE AFB	76	34	68	47
WDR- WILLIAM DRAEB	WI KEWAUNEE	44	27	87	30
WHI- WILLIAM HIDER	NY BINGHAMPTON	42	8	75	54

ALL-TIME FM DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	DYER INITIALS/LOCATION	LAT NO.	LONG WEST	DEG MIN	DEG MIN
ABO- ANDY BOLIN	IL CHARLESTON	39	30	88	10
BEL2- BRUCE ELVING	MN DULUTH	46	47	92	6
CHO- CARLON HOWINGTON	OH UNIONTOWN	40	59	81	25
CHO1- CARLON HOWINGTON	FL ST PETERSBURG	27	46	82	38
DAL- DOUG ALLEN	CO WOODLAND PARK	39	0	105	3
DBU- DANNY BUNTIN	OK STILLWATER	36	7	97	4
DHA- D. BRUCE HALL	ON BRANTFORD	43	7	80	17
DMD- DENNIS MOE	IA ANSGAR	43	23	92	55
DNI- DAVID NIEMAN	NY AKRON	42	58	78	32
ECO- ERNEST COOPER	MA PROVINCETOWN	42	3	70	11
FAD- FRANK ADEH	OK BEND	44	3	121	19
FAD1- FRANK ADEH	ID BOISE	43	37	116	13

ALL-TIME FM DISTANCE RECORDS

KEY TO DXER INITIALS/LOCATION	DYER INITIALS/LOCATION	LAT NO.	LONG WEST	DEG MIN	DEG MIN
FMC- FRED MCCORMACK	MO DES LACS	48	17	101	25
FMC2- FRED MCCORMACK	MO FARGO	46	52	96	48
FME- FRANK MERRILL	MI MILAN	42	5	83	40
FME1- FRANK MERRILL	IL MACOMB	40	27	90	40
FME2- FRANK MERRILL	OH TOLEDO	41	39	83	32
FMO- FRED MORDOUJIST	NY CLAY	43	8	76	8
GCO- GREG CONIGLIO	NY WILLIAMSVILLE	42	59	78	41
GHA- GLENN HAUSER	TX VON ORMY	29	18	98	31
GHA2- GLENN HAUSER	OK ENID	36	19	97	48
GHA3- GLENN HAUSER	MN ALBUQUERQUE	35	5	106	40
JCO- JOHN COMBS	FL ORLANDO	28	32	81	23
JEB- JOHN EBELING	MN BLOOMINGTON	44	50	93	19
JEB2- JOHN EBELING	MN PROSIT	47	0	92	37
JFE- JOSEPH FELA	NJ S PLAINFIELD	40	35	74	25
JJE- JOHN JEFFERSON	CA CONCORD	37	59	122	2
JJE2- JOHN JEFFERSON	CA PLEASANTON	37	40	121	53
JJE4- JOHN JEFFERSON	CA ANTIOCH	37	59	121	48
JP1- JIM PIZZI	MN LOVINGTON	32	57	103	21
JP11- JIM PIZZI	CA ORCUTT	34	57	120	26
KPU- KEITH PUGH	AL NEW HOPE	34	32	86	24
KRI- KURT RICHARDSON	NY SYRACUSE	43	3	76	9
LVO- LARRY VOGT	VA SPRINGFIELD	38	45	77	13
MBU- MIKE BUGAJ	CT ENFIELD	41	58	72	36
MCH- MIKE CHERRY	BC GANGES	48	51	123	30
MHA- MIKE HANK	NE OMAHA	41	13	96	3
MJE- MIKE JEZIORSKI	FL CRESCENT BEACH	29	40	81	13
MWI- MATT WITT	BC VANCOUVER	49	16	123	7
MS1- MATT SITTEL	TN KINGSPORT	36	32	82	33
MS2- MATT SITTEL	NC RALEIGH	35	47	78	39
MS3- MATT SITTEL	FL TALLAHASSEE	30	29	84	18
ND1- NEIL DICKERSON	MN SHARPTOWN	38	26	75	38
POY- PAT DYER	TX SAN ANTONIO	29	28	98	36
PGE- PETER GEORGE	MA BROOKTON	42	5	71	1
PSA- PETER SAWATZKY	ON WATERLOO	43	28	80	31
RBR- RUSS BROWN	MI ST JOSEPH	42	6	86	29
RBRT- ROGER BROWN	IA AMES	42	2	93	7
RCD- ROBERT COOPER	OK OKLAHOMA CITY	35	28	97	32
RSA- RICK SANFORD	TX BURNETT	30	46	98	14
RSE- ROBERT SEYBOLD	NY DUNKIRK	42	29	79	20
RSN- BOB SMOLAREK	NJ HIGHERIDGE	40	40	74	54
RST- RALPH STROBEL	IN MUNICIE	40	11	85	23
RWO- RICHARD WOOD	LA BATON ROUGE	30	23	91	11
RWO2- RICHARD WOOD	AT MEDICINE HAT	50	3	110	40
SCW- SAUL CHERNOS	ON BURNT RIVER	44	39	78	42
SGR- STU GRADE	IA SIOUX CITY	42	30	96	23
SRE- SHELTON REMINGTON	ON NEW HAVEN	41	18	72	56
SRE1- SHELTON REMINGTON	HI KEAAU(FERN FOR)	19	27	155	10
SWE- STEVE WEST	PA GLEN MILLS	39	55	75	30
SWI1- STEVEN WISEBLOOD	TX BROWNSVILLE	25	54	97	30
WH3- WILLIAM HEPBURN	ON THUNDER BAY	48	23	89	15
WH4- WILLIAM HEPBURN	ON KINGSTON TWP	44	14	76	30



# TECH TALK

by Rich Wertman

RW ANTENNA SERVICE - 6150 CROSBY RD - LOCKPORT NY 14094-7949

Topic: RDX-Labs UA-900 Amplifier

This item has been on my list of reports to do. I not so recently ago received a prototype of this amp from its designer, Jim Dietrich. I was asked to review it and put it to the test. This was around March of '91. Since then I have mounted it at my home on a Channel Master 7-foot Parabolic, and most recently, on one of our company's headend systems for a commercial setup. I agreed to try it at my home because I live approximately 5 miles line-of-sight to 3 very powerful UHF stations. They are all in the direction of %90 of my UHF DXing. I had been looking for an amp with better overload protection than some of your typical Winegard PA-4975's and the Channel Master units...but without the loss of gain, and the added noise that many amps provide. I was quite surprised at the design, noting that it must be a throw-away item, since it's encapsulated in epoxy. Jim assures me that if it dies, he will replace it at no charge.

Well, off to the testing grounds. First off the PA-4975 is an overload monster, since it provides too much gain and no input protection, unless using traps or not within about 10 miles of local UHF stations. The UA-900 does not show a lot of gain as my RF signal meter proved, but then the PA-4975 didn't show as much as it was listed for it either. The UA-900 gain is very close to 20 dB, and the PA-4975 is around 24 dB. As I am writing this the Winegard PA series have been discontinued and the replacement for the 4975 is now the AP-4800, which does exhibit around 29 dB gain and much lower noise. However, it also overloads worse than the PA-4975 did. I don't have much to measure noise in an amplifier but my eyes, so I will truthfully say by viewing, the PA-4975 and the UA-900 show about the same as far as noise goes. The AP-4800 is much cleaner than anything I've seen though, probably due to the new stripline construction.

The gain on the UA-900 is quite similar to the once-famous AC-4990 UHF amp, from Winegard. In fact...I feel the Winegard AC-4990 and the RDX-Labs UA-900 are darn near identical as far as overload, gain, and noise are concerned. I only noted a little edge on overload capacity on the UA-900. The local UHF's didn't start nailing me until I was within 20 degrees of "straight on." The AC-4990 was more like 30 degrees. Again, this is with no traps, antenna at 50 feet, and an old reliable Zenith 13" TV. I had a few complaints to Jim about the original design, which basically consisted of the leads for the 300 ohm connections being too short. If they broke off, you may not be able to re-attach it to your antenna. Jim assured me that this problem would be dealt with. Also, I would like to see the power supply marked with INPUT and OUTPUT. The power supply could also use a good way in which to mount it, especially since I use them in commercial situations.

I know by talking with a lot of people they were leary of the price tag on this unit, which had been \$169.00...but remember, Jim says he will replace it, should it fail. I am about to put him to the test. For some reason my UA-900 is not working at my commercial location and I feel it may be lightning related. I did however also have Channel Master and Winegard amps at the same location, but noted no problems after the storm with them. Just a note - Jim has done some reworking of this amp since my prototype, as far as design is concerned. (EDITOR'S NOTE: RDX Labs has also recently reduced the UA-900 to \$99.95, AND is now offering a "Super-Low-Noise" model, the UA-900A, for \$129.95). All in all, I think with a warranty like that and a product as good as it is, you have to weigh that cost as a bit of low cost insurance.

Let's face it, Winegard and Channel Master won't do anything to their units without a charge after the first year. On my scale of 0-10 I'd rate the UA-900 about an 8, and it would probably be a 10, with the items I felt needed changes!

I am not an expert, nor try to be, at rating things. I do however work with these products everyday (and sometimes nights) of my life, so I just feel I may be able to help people get some input on these items. I am by no means trying to persuade anyone into making a decision to purchase the products of manufacturers I review.

# COMING SOON IN THE V.U.D.

"EL NIÑO" WINTER  
SUPER-TROPO!

DR. FEEDPOINT JOINS  
THE RESISTANCE!

DOES E-SKIP CAUSE  
THUNDERSTORMS?  
OR TESLA COILS???



# Winter SWL Festival

March 16-18, 1995

Holiday Inn

Sumneytown Pike

Kulpsville, Pennsylvania

We will officially open the Eighth Annual Winter SWL Festival Forums on Friday morning and continue all day Saturday. As usual, there will be door prizes, station freebies, (please bring items to be donated for the silent auction), and a banquet on Saturday night. New this year, bring items for sale or swap for an equipment swap meet on Friday afternoon. Also new, bring your receivers and have their specs checked by two experts. Ben Hester and Joe Buch will report their findings and compare receiver specs in a forum.

The Forums will include:

- QSLing
- DX Accessories
- Intro to Scanning
- Pirate Broadcasts
- Intro to Utilities
- Interpreting Receiver Specs

And More To Be Announced...

Registration Options-

FULL	— Includes forums, hospitality room, lunch and banquet	— \$35
PARTIAL	— Includes forums, hospitality room but NO meals	— \$17
SPOUSE	— Includes hospitality room and meals	— \$19

GRAND PRIZE To be announced

**SPECIAL** Register early and win a SW portable! Your registration received by midnight February 11, 1995 will allow you one FREE entry towards this early bird registration door prize.

Please bring items for the Silent Auction. Proceeds are donated to charity.

Checks should be made payable to WINTER SWL FEST. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 **As soon as possible!** Special rates - \$59 single, \$64 double. Our function code with the hotel is WINTER SWL FEST. Please refer to this to get the special room rates. Listen to the ANARC SWL NET on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike Northeast Extension-Lansdale Interchange. Improved access from the south with the Blue Route—ask for details. Limo service is available from Phila. Intl Airport directly to the Holiday Inn.

Please submit the following form with your registration amount or send for more information to:

Winter SWL Festival  
PO Box 591  
Colmar, PA 18915

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Circle: FULL PARTIAL SPOUSE (Spouse Name: \_\_\_\_\_)

Banquet - Check: Roast Beef \_\_\_\_\_ Chicken \_\_\_\_\_ Registration Fee Enclosed: \$ \_\_\_\_\_

I wish to purchase \_\_\_\_\_ raffle tickets Tickets Fee Enclosed: \$ \_\_\_\_\_  
(\$1 ea./ 6 for \$5/ Special 13 for \$10)

Total check/money order enclosed: \$ \_\_\_\_\_