

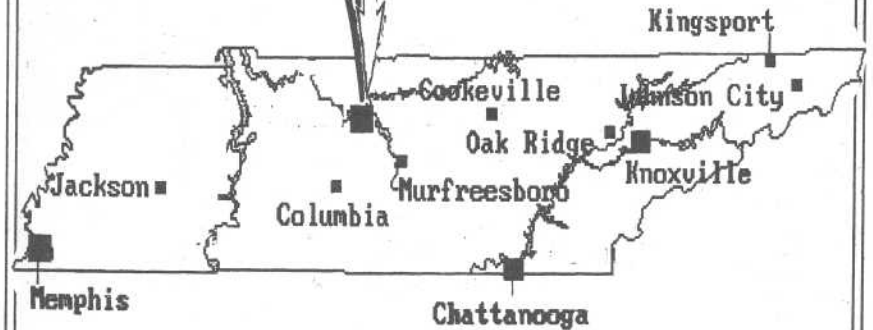
# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1993

## Nashville

1993



**CONVENTION TIME!**



WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.

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**first class mail**

11/93  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

# Nashville

1993

JULY 23-25 -- DAYS INN CENTRAL

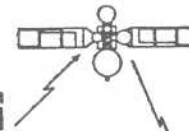
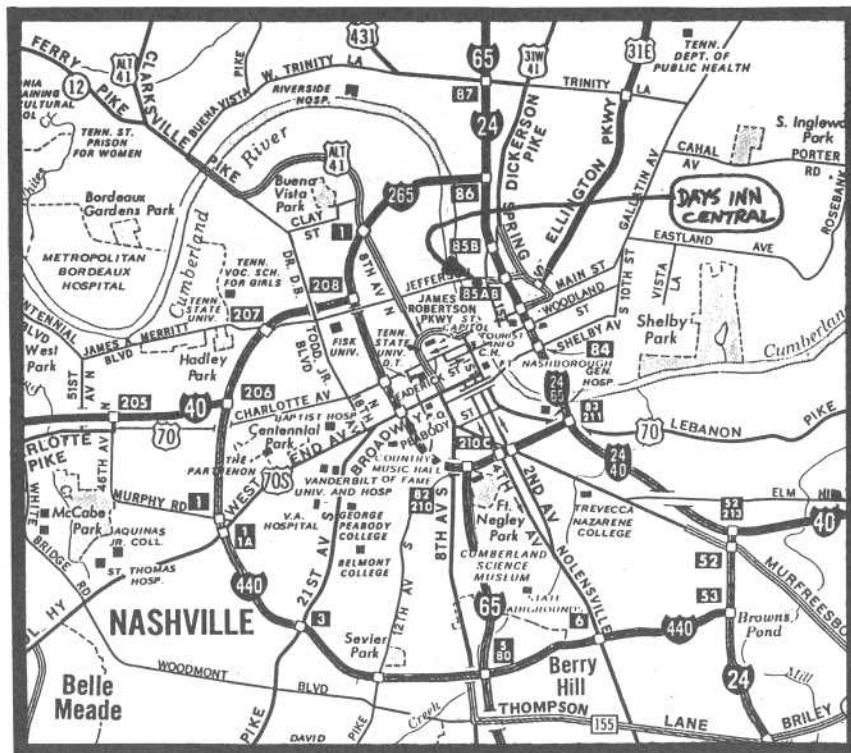
## FINAL CONVENTION UPDATE

Pre-registrations must be postmarked by 7/15 to get the \$25 earlybird rate...it'll be \$30 at the door. Send the form (May VUD center page) to either Tom Bryant, 849 Todd Preis Dr., Nashville, TN 37221 or Doug Smith, 14 Brookside Court, Nashville, TN 37209.

The deadline has passed for group rate eligibility at the Days Inn Central, but they may still have space available. Mention "DX" and maybe they'll give you a break even though you're late. Call them toll free at 1-800-251-3038. If there's no vacancy they should be able to help you find a room at a nearby hotel or motel.

"TV NEWS" editor Doug Smith will be our second speaker. He's well qualified to discuss the present and future of TV and FM broadcasting.

The map is self explanatory: Take exit 85-B off I-65 to North 1st.



## SATELLITE NEWS

George W. Jensen  
4604 Arntana Avenue  
Baltimore, MD 21206-4220

Another round of changes - new services planned - and some disappearances.

Changes -  
Eugene Scott University Network from S2-2 to G3-12  
Telemundo main feed from S2 to G6-8  
Telemundo alternate feeds from S2-18 to G6-14  
ESPN Latin American feed from S2 to ???  
this ESPN feed is MAC encrypted and rarely in the clear, but a new MAC feed on G3-10 could be them.  
Antenna Satellite - a television service from Athens and radio subcarrier are currently on G3-9 evenings in NTSC (our) format.  
Caribbean Superstation has been noted on G7-22  
ZAS the Mexican Childrens channel on M2-16 has disappeared and was replaced by Multi-Deporte  
the Sports Channel which also has now disappeared replaced by a yellow color-bar test pattern.  
YTV - the Canadian Youth Channel has disappeared from Anik E Ku-26 - at least at this location - anybody know if they're on a West Beam perhaps?

A number of sources - most notably - Broadcasting Magazine has indicated the following swath of new services:=====

Education Entertainment Network - 1996?  
HBO En Espanol - 1993  
Gala Americana International G3-24 may be on now. -  
Jones Computer Network - 1994  
The Military Channel - 1994  
NewSport Television - 1993  
Ovation Network - 1994  
Prime Ticket La Cadena Deportiva - 1993  
Recovery Network - The Wellness Channel - 1993  
Romance Classics - 1994  
Sega Channel - Video Games etc. - 1994  
Television Food Network - 1993  
TV Macy's - Shopping Channel - 1994  
World African Network - 1994  
ATV Advertising Television - Infomercials - 1994  
American Television Network - Specialized Music Videos - 1994 - some programming currently on Nostalgia  
Crime Channel - 1993 - currently testing some programs on Channel America  
Game Channel - 1993  
Gaming Network - 1994 - a Gambling Channel  
The Game Show Channel - 1994  
Golf Channel - 1994  
History Network - 1994  
History TV Network - 1994  
Horizons TV - 1994 (lectures and academic special events)  
International Channel  
IT Network - Interactive Shopping, Infomercials etc. - 1994  
Encore+===+ 7 channels +=====  
Love Stories  
Westerns  
Twins  
Mystery  
Action/Adventure  
True Stories  
Movies/New Releases  
What satellite or transponder many of these services will use in not yet know - stay tuned for further details.

*George*

## TV News

Doug Smith  
14 Brookside Court  
Nashville, TN 37209

615-356-8305  
CIS 72777,3143

Abbreviations used in this column:

ERP= Effective Radiated Power, in kilowatts  
HAAT= Height Above Average Terrain, in meters  
AAT= Above Average Terrain  
AG= Above Ground  
ASL= Above Sea Level  
nc= no change  
TL= Transmitter (and tower) Location  
CP= Construction Permit  
MP= Modification Permit (modification of CP)  
Pr= Province (of Canada)  
\*= Non-commercial  
CRTC= Canadian Radio-TV Commission  
DBS= Direct Broadcast Satellite

### APPLICATIONS FOR NEW STATIONS

Pr Ch City:Applicant

NB 49 Buctouche; NB Broad. Co.  
NB 7 Moncton; MITV  
NB 27 Moncton; NB Broad. Co.  
NS 34 New Glasgow; MITV  
NS 10 Shelburne; MITV  
NS 11 Sydney; MITV  
NS 45 Yarmouth; MITV

### CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

Pr Ch City:Licensee

ON 69 London; Multilingual TV Ltd.  
ON 16 Wheatley; Baton Broadcasting

### NEW STATION APPLICATIONS DISMISSED

St Ch City:Applicant

CT 18 Hartford; Gloria W. Stanford  
NY 42 Oneonta; WSKG Public Telecomm. Council

### MODIFICATIONS GRANTED TO CONSTRUCTION PERMITS

| St   | Ch | ERP  | HAAT | Call | City     |
|--|----|------|------|------|----------|
| CA   | 31 | 36.4 | 90   | KVMD | 29 Palms |
| (TL 34°09'15"N, 116°11'50"W<br>N of CA-62, S. Bernardino Co.<br>was 15.8kW/83m.) |    |      |      |      |          |

### CHANGES GRANTED TO EXISTING STATIONS

| St  | Ch | ERP  | HAAT | Call    | City           |
|---|----|------|------|---------|----------------|
| IN  | 8  | nc   | 305  | WISH-TV | Indianapolis   |
| (TL:39°53'25"N, 86°12'20"W<br>2500 W. Westlane Ave.<br>Roughly 20km NW of old site east of Indianapolis, near the other Indy towers north of town. Was 302m.) |    |      |      |         |                |
| MA  | 58 | nc   | 155  | WCVX    | Vineyard Haven |
| (was 134m.)   |    |      |      |         |                |
| VA  | 21 | 4207 | nc   | WJPR    | Lynchburg      |
| (was 4170kW)  |    |      |      |         |                |

### NEW STATIONS ON THE AIR

Newton, NJ; WMBC-TV 63z;  
1510KW, 223m AAT  
TL 41°00'36"N, 74°35'39"W  
Near Woodport, about 65km WNW of Manhattan.

Seen by Bill Nienajadly on 4/26. Programming unknown but previous announcements had indicated religious and ethnic.

Charleston, SC; WCTP 36+;  
147kW, 233m AAT

TL 32°47'15"N, 79°51'00"W  
Appears to be a few miles E of Charleston, SW of the Charleston tower farm.

Noted by Matt Sittel in the SE edition of TV Guide. Independent.

CIII-?-12 Sault Ste. Marie, ON;

CIII-?-2 North Bay, ON;

CIII-?-11 Sudbury, ON;

CIII-?-13 Timmins, ON;

Technical details unknown. Signed on 12/1/92; Global affiliates, satellites of CIII-6 Paris.

CICO-?-29 Pembroke, ON;

CHLF-?-17 Pembroke, ON;

Technical details unknown. Signed on 11/27/92; TVOntario affiliates (29 English, 17 French).

### STATION BACK ON THE AIR

KASA-2 Santa Fe, NM;

Seen by Ed Phelps in early June. Fox affiliate, replaces KGSW-14, last operated as independent KKTO. I don't know if the transmitter site move to Sandia Crest has been completed.

### OTHER STUFF

The Canadian information above is from a few issues of *Broadcast Technology*, Canada's answer to *Broadcasting & Cable*. It's 2-3

months old, so some of the stations listed may already be on the air-- or may have already been deleted. Unfortunately I don't expect to get regular information from this source.

The MITV applications are for rebroadcasters (Canadian for "satellites") of CIHF-8 Halifax. Channel 7 in Moncton would take over the facilities of CHMT-7 there; CHMT would move to channel 27 (hence the channel 27 application for NB Broadcasting Co.); and to fill the coverage gap from CHMT moving to UHF, CHMT would add a broadcaster in Buctouche. The CBC (with which CHMT-7 is affiliated) is opposed to the plan.

In Wheatley, Ontario, the new station will be a semi-satellite of CFPL-10 London, although it will also originate some of its own programming. The channel 16 assignment is a rumor from Saul Chernov via Greg Coniglio; a clipping Greg sent from the *Toronto Star* says the calls will be CHWI. FCC's database says channel 16 is assigned to Chatham, which is close enough to Wheatley.

Wheatley is 12km E of Leamington on Hwy. 3, between Windsor and Chatham - and very close to the site of Global's CIII-TV-22. CHWI will probably use the same tower.

London's channel 69 is to be a rebroadcaster of CFMT-47 Toronto.

FCC engineers have developed a plan to change the way "T-band" (470-512MHz, shared with TV channels 14-20) land mobile spectrum is used, and reduce the power allowed for land mobile stations in this band. The move may allow the Commission to open up new TV allocations in these channels.

Startup of must-carry regulations on June 2 appears to have gone smoothly in most cases. *Broadcasting & Cable* interviewed representatives of several cable systems, most of whom either didn't have to drop any cable signals to accommodate must-carry stations, or only dropped one. The most complicated situation cited was in Orange Co., California, where a 38-channel cable system was required to drop The Movie Channel and a pay-per-view service and switch several other cable networks to part-time occupancy, in order to

accommodate 4 new broadcast signals.

However, in parts of the San Francisco area, must-carry has become a moot point. A U.S. judge has issued a temporary restraining order preventing enforcement of the regulations against several Viacom systems in the area.

Most cable systems are continuing to say they'll refuse to pay stations for retransmission consent, and many large stations are saying they'll insist on being paid. In some cases, however, compromises have been reached.

One Missouri station has proposed that, in return for payment, they'd give their local system permission for carriage and roughly fifteen free commercials a week, which the cable system could use to advertise their service.

Another, undisclosed, station is reportedly negotiating to accept, rather than a cash payment, a second channel on the cable system. Fox (on behalf both of its owned-and-operated stations, and its affiliates) has already reached a similar agreement with major cable firm TCI.

There is now only one HDTV system. The three groups competing for selection as the U.S. standard have agreed to work together to develop one system. While most of the technical specifications are still somewhat up in the air, the real advantage of this move is the years of litigation that will probably be avoided.

### LPTV WATCH

Call St City: programming

W35BB GA Dublin; unknown  
W13BO GA Valdosta; WTLN-49 (Fox)  
W53HI GA Valdosta; OFF  
W66?? GA Valdosta; TBN  
W24?? IL Flora; Main St. TV  
K47DW LA Alexandria; WNTZ-48 (Fox)  
K62EG MO St. Louis; religious  
K69FN MO St. Louis; OFF  
W42AT NC Hayesville; NCPT (PBS)  
W31AN NC Murphy; NCPT (PBS)  
W60AU NC Raleigh; HSN  
W25AW NJ Trenton; "WZBN" All News Channel  
W41AQ PA Berwick; Catholic  
W68CE PA Shickshinny; CHA  
W23AY PA York; "MOR Music Video"  
K16BY TX Crockett; local

This month courtesy of Jeff Kruszka (who sent a whole list of

DXable LPTVs which I'll drop in over the next couple of months), Eric Voytko, Robert Delaney, Matt Sittel, and Ed Phelps.

In Valdosta & St. Louis, the listings reflect LPTVs moving to new channels; in Alexandria, K47DW switched primaries from KADN-15 to its satellite WNTZ-48.

## FORUM

Saul Chernos, Orillia (?) ON, via Greg Coniglio, Williamsville NY:

Besides the info on new CHWI-16 above, Saul sent Greg an item from the *Globe & Mail* regarding a dispute between CKCO-13 and Baton Broadcasting over Toronto Blue Jay baseball games.

Baton, owner of Blue Jays flagship station CFTO-9, as well as the new owner of CFPL-10 London and CKNX-8 Wingham (and incidentally, also owner of new CHWI-16), dropped Electrohome's CKCO Kitchener from the Blue Jays network, citing overlapping coverage with Baton's own CFPL. However, Baton doesn't have any affiliates in the area north of Barrie; this area had been served by CKCO's channel 11 rebroadcaster in Huntsville.

CKCO offered to carry the Jays games on the Huntsville rebroadcaster only, in return for some commercial time, but was refused.

Fred McCormack, St. Paul MN:

"I don't know if the KNRR-12 Pembina situation has been resolved yet in your column. I was recently out in North Dakota and while I did not get near Pembina to check its signal, I noted that KNRR is listed in TV Guide and on the ID slide of KVRR-15 Fargo."

Regarding Lorianne Crook-Owens' LPTV problems in Branson, Mo. as reported in May, Fred's more complete LPTV records list K05JQ and K17DL there as being licensed to Ms. Crook-Owens.

"I was interested in your comments on programming of second PBS stations. I wonder if any others are programming like local KTCI-17, which carries aviation (radar) weather Sat-Sun 0530-2400 and Mon-Fri 0530-1700? This programming should certainly make KTCI stand out in a tropo opening."

It sure should! I know of no other station doing that, but several Midwestern PBS stations carry the 162.x NWS weather radio on their SAP second audio program channel, a practice that should make it easier to ID those stations. In East Tennessee, WKPT-19 carries their AM radio station on the SAP; this is also of considerable help in IDing this station.

Keith Smith, St. Ann MO:

Going back to the KNRR-CHMI interference situation, Keith writes: "Technically, there is nothing wrong with this allocation. CHMI is about 80 miles straight distance from KNRR, more than the mandated distance between two channels." True. Tom Bryant later told me the channel 13 allocation has existed in the Winnipeg area since before KNRR came on the air.

"Frankly, I don't understand why Red River Broadcasting needs four Fox affiliates in a market like Fargo/Grand Forks - there are only two each of ABC & PBS, and only one each of NBC & CBS." I can't read the minds of Red River management, but I suspect the reason is that the open channels available to them wouldn't provide adequate coverage of North Dakota's cities.

KNRR-12 is obviously an attempt to cover Winnipeg, as Pembina (population 642) is the largest U.S. community in the station's Grade A contour! KVRR-15 was a "4-letter LPTV"-- at the 22kW ERP with which it went on the air, it covered Fargo & Moorhead, but nothing else, and even as a full-power station, its Tansem, Minn. tower site doesn't cover Grand Forks; thus, KBRR-10, which does cover that city. (and also has a very appropriate call sign for a station in northern Minnesota!) Finally, KJRR-7 fills in the gap in the Jamestown/Valley City area. Fargo's other commercial stations (KXJB-4, WDAY-6, KTHI-11) all have towers west or northwest of the city, thus providing at least some coverage both of Grand Forks and Jamestown/Valley City.

"Why are we who aren't border-area U.S. citizens not allowed to see programmes on CBC, CTV... and other Canadian services on our cable systems, while Canadian cable subscribers can see ABC, CBS, NBC, and PBS beamed in from Detroit? Either our cable systems, the CRTS,

or the Canadian networks are at fault..."

I see two reasons. First, cable systems are limited in the number of channels they can carry; each added channel increases the cost of the booster amplifiers & other equipment used to distribute the signals. While there are some interesting programs on Canadian TV, (and indeed, I'd probably subscribe to cable if I could get the CBC) they don't appeal to most Americans. It would be interesting to know, for example, how CBLT-5 Toronto does in the Buffalo and Rochester ratings.

Second, Canadian networks carry a lot of U.S. programming. Much of this programming is covered by "syndicated exclusivity", a regulation that requires cable systems to blank out programs on distant stations if a local station carries the same program. A U.S. cable system carrying CTV or a Canadian independent would likely be carrying a blank channel much of the time!

Tom Bryant, Nashville TN:

Tom has worked in radio in the Winnipeg market, and still has contacts up there, so I passed him a copy of Keith's letter & asked for comments. Referring to why Canadians get U.S. networks, but we don't get theirs, Tom writes: "It's unlikely that many people in this country (USA) are the least bit interested in Canadian originations, much less full-time availability of CBC, CTV, or any other programmers north of the border."

As for CHMI-13 preventing carriage of KNRR-12 on Winnipeg's cable system: "It's simply a matter of politics...if Winnipeg cable operators REALLY wanted KNRR on their systems (one of which is owned by CKY-TV 7) I'm pretty sure they'd find [or make] a way to do it."

Like most other cable systems in Canada, Winnipeg's systems receive most U.S. programming from Detroit via satellite. (however, WDAZ-8 and KGFE-2 from North Dakota are carried) Tom says it's rumored that the systems have asked for permission to replace all the Detroit signals with North Dakota over-the-air pickups, presumably KTHI-11 and KXJB-4. "Excessive violence in Detroit news and feature reporting is among reasons

cited...plus the fact there is nothing of area interest in the MI originations."

Tom speculates that, if this were to happen, "...a series of LPTV relays would pop up northward from Grand Forks to the border to deliver a grade A signal for the Winnipeg system to pick up off-air."

On a slightly related subject, Tom also sent a clipping from the *Winnipeg Free Press* noting the extreme displeasure expressed by Canadian cable executives at the CBC's plans to provide programming to the DirecTV DBS system. CBC and Power Broadcasting of Montreal have agreed to provide an international version of CBC Newsworld and an entertainment service; these programs will be available to DBS dish owners on both sides of the border.

Canadian cable operators call DBS satellites "death stars", fearing that they'll be unable to compete with the satellites. Canadian Cable Television Association president Ken Stein accused CBC of joining forces with the enemy-- but a CBC representative denied that the agreement would undermine Canadian broadcasting, and would indeed provide valuable international exposure.

Keith Short, Columbus OH:

And sticking to the subject of cable... From the May 22 *Columbus Dispatch*; "Tiny station seeks FCC aid to stay on cable". The Newark, Ohio cable system was planning on replacing WHIZ-18 Zanesville with WOUC-44 Cambridge on June 2, the effective date of the new must-carry regulations. Newark is technically in the Columbus market and thus is required to carry WCMH-4, the NBC affiliate in Columbus-- but not required to carry WHIZ, as Zanesville is a separate market.

Newark Mayor Frank Stare told the paper "WHIZ is probably the closest thing we have in Newark to a hometown station. People have told me they are disappointed about it being taken off the cable here, and I am, too. I would encourage people to call (the cable system) and express their concern and opinion about it."

The Cable Act requires cable systems with 13 or more channels (virtually all of them!) to set

aside up to 1/3 of their channels for over-the-air stations. Thus, assuming that Newark's Dimension Cable had 36 channels (a popular size), they'd be required to carry up to 12 over-the-air stations. There is a separate provision for non-commercial stations, of which I've been unable to locate the text.

Keith writes "Everybody that has a cable TV system between television markets can expect to see more than one noncommercial education(al) television station within 50 miles of the cable system's service area... For example, Middletown is between the Cincinnati and Dayton television markets but it is served by the Cincinnati market. Under this new FCC rule, it would have to carry WPTO-TV 14 from Oxford, WPTD-TV 16 from Dayton, WCET-TV 48 from Cincinnati, and WCVN-TV 54 from Covington, Ky. since these noncommercial educational stations are within the 50 mile radius. I must say that such a duplication is a waste of the cable system's channel spacing."

As far as I can tell, Keith's assessment is accurate. Although there are provisions that protect a cable system from being required to carry two stations that carry the same programming 100% of the time. For example, a cable system located between WKPD-29 Paducah and WKMU-21 Murray would not be required to carry both stations, since they have exactly the same programming. I believe WPTO-14 and WPTD-16 also simulcast, so the Middletown system wouldn't have to carry both stations.

Keith also asks whether a cable system would be expected to carry all LPTVs in a market. Usually, no. There are specific situations under which a cable system will be required to carry a LPTV, but only in small markets. Unfortunately, again I don't have the details.

Matt Sittel, Tallahassee FL:

Matt provided a bunch of the LPTV info this month. He also logged an unID channel 2 CBS with a logo resembling WBAY's on May 15-- however, WBAY was to have switched to ABC following CBS's purchase of WFRV in that market. Does anyone know if WBAY had indeed switched to ABC by May 15? (they have switched as of this writing, on June 9, as they took an ad in *Broadcasting &*

Cable calling themselves an ABC affiliate)

Bill Nienajadly, Clifton NJ:

(Congrats on the new ham call!) A jury has been chosen to hear the securities fraud case of "Crazy Eddie" Antar. Uh, oops, wrong side...

AT&T told the *NY Post* that they've come up with a "video server". This device, installed in a telephone company central office or cable system headend, would allow "video on demand", where a viewer could order a specific movie at a specific time.

Also, Garfield the cat has been accused of ratings tampering. The oversized feline opened the May 22 episode of his Saturday morning cartoon show by saying "Hi everyone, and a special welcome to Nielsen families!". Appealing directly to ratings diary keepers is a serious no-no... CBS told the *Post* they weren't aware of Garfield's misdeed, and will "toss the segment in its corporate litter box..."

Dave Sinclair, Vancouver BC:

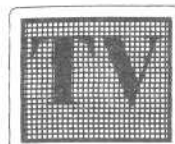
"Enclosed is an interesting item about wireless cable television which just recently came to my attention." From the March 20-27 *Toronto Star* TV section, "Rural viewers must wait a little longer for more choice"...

While there are, according to Dave, approximately 80 operating systems in the USA (formally known as Multichannel Multipoint Distribution Systems, or MMDS), the CRTC has yet to authorize widespread use of the technology in Canada. Problems include a shortage of frequencies, pending changes in technology (mostly, video compression), and the ongoing government review of Canadian television.

### CONVENTION

By the time you see this, you'll have about two weeks to get in your pre-registrations. So far, Nashville's big conventions (Summer Lights, Fan Fair) have been extraordinarily successful-- WTFDA Nashville '93 won't be as big, but it'll be more fun! See y'all there!

73 Doug



# STATISTICS

DAVID J. NIEMAN  
12284 NICE ROAD  
AKRON NY 14001-9529

DEADLINES are the 5th of DECEMBER, MARCH, JUNE & SEPTEMBER

| DXers Name | DXers Location            | Log Total | UHF | LPTV |     | Es | MS | AU  | USA | CN | MX | OF | TPU | YB       | as of: |
|------------|---------------------------|-----------|-----|------|-----|----|----|-----|-----|----|----|----|-----|----------|--------|
|            |                           |           |     | xtr  |     |    |    |     |     |    |    |    |     |          |        |
| Kadet      | Jeff IL Macomb            | 1307      | 837 | 359  | 234 | 3  | 0  | 46+ | 7   | 9  | 5  | 68 | 83  | 04/01/93 |        |
| Siegel     | Gary OH Toledo            | 610       | 283 | 34   | 143 | 0  | 0  | 39+ | 6   | 1  | 2  | 49 | 70  | 04/10/93 |        |
| Lapinski   | Mike NY Jamestown         | 581       | 409 | 77   | 70  | 1  | 0  | 37+ | 6   | 0  | 3  | 47 | 78  | 04/23/93 |        |
| Kramer     | Robert IL Chicago         | 552       | 302 | 56   | 103 | 30 | 0  | 39+ | 7   | 0  | 4  | 51 | 71  | 04/13/93 |        |
| Nieman     | Dave NY Akron             | 547       | 359 | 75   | 89  | 5  | 0  | 37+ | 6   | 0  | 0  | 44 | 84  | 05/31/93 |        |
| Combs      | John FL Orlando           | 461       | 235 | 62   | 129 | 13 | 0  | 30+ | 2   | 6  | 9  | 48 | 72  | 05/23/93 |        |
| Coniglio   | Greg NY Williamsville     | 366       | 212 | 25   | 85  | 0  | 0  | 33  | 6   | 0  | 2  | 41 | 86  | 05/12/93 |        |
| Bryant     | Tom TN Nashville          | 359       | 164 | 16   | 76  | 3  | 0  | 30  | 4   | 4  | 1  | 39 | 64  | 05/14/93 |        |
| Garcia     | Fernando NL Cd. Guadalupe | 340       | 191 | 23   | 61  | 0  | 0  | 28  | 0   | 5  | 4  | 37 | 91  | 04/24/93 |        |
| Norquist   | Fred NY Clay              | 340       | 199 | 21   | 72  | 3  | 0  | 34+ | 6   | 0  | 1  | 42 | 69  | 04/27/93 |        |
| Hepburn    | Bill ON Brampton          | 311       | 216 | 34   | 47  | 0  | 0  | 29  | 5   | 0  | 0  | 34 | 85  | 05/31/93 |        |
| Sittel     | Matt FL Tallahassee       | 212       | 160 | 22   | 1   | 0  | 0  | 9   | 0   | 1  | 0  | 10 | 92  | 04/15/93 |        |
| Nieman     | Dave NY Rock City         | 161       | 111 | 23   | 5   | 0  | 0  | 10+ | 2   | 0  | 0  | 13 | 91  | 05/31/93 |        |
| Allen      | Doug CO Woodland Park     | 135       | 51  | 42   | 49  | 1  | 0  | 30  | 4   | 3  | 0  | 37 | 88  | 04/10/93 |        |
| Renfrew    | Jim NY Rochester          | 92        | 35  | 4    | 34  | 0  | 0  | 17  | 3   | 0  | 0  | 20 | 89  | 04/01/93 |        |

### TV STATS COLUMN DEFINITIONS:

**LOG TOTAL** - Total number of TV stations logged from DXer's location (all loggings should be received within 25 mile radius of this location to count). Call letter changes don't count; channel changes do count as a new station.

**UHF** - All stations logged on channels 14 thru 83 including low power television (LPTV) and translators (xtr) as per FCC definition.

**LPTV/xtr** - All stations logged on channels 2 thru 83 which fall under that FCC definition.

**NOTE:** Count a station once and only in the original mode of propagation it was received in.

**Es** - Total number of stations logged via E-skip (single or double hop).

**MS** - Total stations logged by meteorscatter.

**AU** - Total stations logged by Aurora.

**USA** - Total number of United States logged and the "+" = logging Washington, DC.

**CN** - Total number of Canadian provinces logged.

**MX** - Total number of Mexican states logged.

**OF** - Total number of Other Foreign countries (not stations) logged not to include USA, Canada or Mexico.

**TPU** - Is USA + " + CN + MX + OF = Total Political Units

**YB** - The year you began DXing from that location.

**as of:** - Totals are as of: month/day/year.

Thanks to all of you who have updated your TV stats. Above is a list of definitions used in the TV STATS column. They are similar to those used in the FM STATS column. I hope this will clear up any confusion there may have been.

I received one suggestion to change the auroral loggings column to one for F2 loggings since there may be more by that mode of reception. Are there any others who feel the same; let me know.

Below are your grid coordinates; check them for accuracy, add them to your update if they are missing.

### KEY TO DXERS INITIALS/LOCATION/GRID COORDINATES

| INIT | DXERS NAME      | DXERS LOCATION   | LAT. |     | LONG. |     |
|------|-----------------|------------------|------|-----|-------|-----|
|      |                 |                  | DEG  | MIN | DEG   | MIN |
| DAL  | Doug Allen      | CO WoodlandPark  | 39   | 00  | 105   | 03  |
| DNI  | Dave Nieman     | NY Akron         | 42   | 58  | 78    | 32  |
| DNI2 | Dave Nieman     | NY Rock City     | 42   | 01  | 78    | 28  |
| FGA  | Fernando Garcia | NL Cd. Guadalupe |      |     |       |     |
| FNO  | Fred Nordquist  | NY Clay          | 43   | 08  | 76    | 08  |
| GSI  | Gary Siegel     | OH Toledo        | 41   | 41  | 83    | 30  |
| GCO  | Greg Coniglio   | NY Williamsville | 42   | 59  | 78    | 41  |
| JCO  | John Combs      | FL Orlando       | 28   | 32  | 81    | 23  |
| JKA  | Jeff Kadet      | IL Macomb        | 40   | 30  | 90    | 40  |
| JRE  | Jim Renfrew     | NY Rochester     | 43   | 07  | 77    | 36  |
| MLA  | Mike Lapinski   | NY Jamestown     | 42   | 06  | 79    | 19  |
| MSI  | Matt Sittel     | FL Tallahassee   | 30   | 28  | 84    | 18  |
| RKR  | Robert Kramer   | IL Chicago       | 41   | 51  | 87    | 38  |
| TBR  | Tom Bryant      | TN Nashville     | 36   | 08  | 86    | 52  |
| WHE  | William Hepburn | ON Brampton      | 43   | 41  | 79    | 47  |

# WESTERN TV-DX

Fred McCormack  
PO Box 65666  
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 08-12-93  
Cut-off: 05-01-93

July 1993

E skip got started around mid-May and was reported on the following dates: 13-17, 21-25, 29, and 31. Jeff Kruszka says "THE WORST May ever for E skip." However, more northerly DXers probably found May to be fairly typical.

This month we welcome a new reporter to Western TV-DX, Robert Delaney from Mt. Vernon, Illinois. It's good to have you with us and we're looking forward to hearing from you often.

New \_\_\_ New Mode \_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - \$

YN Yucatan

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549) MST/MDT

### Equipment:

Icom R-7000, 1981 Magnavox b&w TV, Antennacraft Y10-10 and 10G205C preamplifier at 25' and Channel Master 7' dish and BT CMA-Uc preamplifier at 28'.

### February 1993

|   |  |  |
|---|--|--|
| 4 tr 1200 KHNE 29 NE 390<br>(Regular)         | 27 tr 2159 K50AA 50 CO 120<br>(Eads KOAA- 5) | 28 tr 1250 K53ART 53 CO<br>(Salida KTSC- 8)  |
| 9 gw 1819 K44CT 44 CO 70<br>(Boulder KRMA- 6) | 2200 K52AA 52 CO 120<br>(Eads KKTV-11)       | 1300 K42CT 42 CO<br>( See Note # 4 )         |
| 2210 K17CF 17 CO 75<br>(Boulder TBN)          | 2201 K56AG 56 CO 120<br>(Eads KTSC- 8)       | 1930 K27DU 27 CO 20<br>(Col Springs Spanish) |
| tr 2238 K38CT 38 CO<br>(Fort Collins relig)   | 2210 K55AK 55 CO 155<br>(Lamar KKTV-11)      | Es 2030 ( See Note # 5 )                     |
| 11 tr 1200 KCIT 14 TX 309                     | 2256 K60AMT 60 CO<br>(Cheyenne Wills KOAA-5) | 29 tr 0830 K14- 14 ??<br>( See Note # 6 )    |
| 12 tr 1630 KLNE 3 NE 314                      | 28 tr 0735 K14- 14 ??<br>( See Note # 3 )    | 0900 K67AH 67 CO 130<br>(Las Animas KRDO-13) |
| 1730 KOTA 3 SD 364                            | 0738 KGWC 14 WY 268                          | 0915 K65AJ 65 CO 130<br>(Las Animas KKTV-11) |

### April 1993

|   |  |  |
|---|--|--|
| 10 tr 1939 K14- 14 ??<br>( See Note # 1 ) | gw 1220 K33DN 33 CO 50<br>(Denver TBN)   | 0930 K69AN 69 CO 130<br>(Las Animas KTSC- 8) |
| 20 ( See Note # 2 )                       | 1248 K44CI 44 CO 60<br>(Alamosa KRDO-13) | 2010 ( See Note # 7 )                        |

- Note # 1 - Colorado or Wyoming. CBS peaks north. + offset.
- Note # 2 - 04/20: put up Channel Master 7 foot dish, but lost rotator same day! 04/26: put up another rotator.
- Note # 3 - Colorado or Wyoming. Occasional audio parallel to KGWC-14 or KUSA-9. Peaks 350°, same as Casper, but + offset.
- Note # 4 - K42CX, Cripple Creek, Colorado apparently silent. Channels 55, 57, and 59 strong.
- Note # 5 - Crossbars on channel 2 and a 50 MHz contact into San Antonio are the first sporadic E of the new season for me!
- Note # 6 - Colorado. Parallel to KCNC-4. Peaks 330°. Not yesterday's channel 14 which peaked further north and was also + offset, but 4 KHz less offset than today's station.
- Note # 7 - 2010-2210+ - Crossbars on channel 2 and occasional unid picture on channel 3. Made 11 contacts on 50 MHz into Texas, Oklahoma, Arkansas and Louisiana with signals peaking S9+. Band still open when I went to bed at 2210.

No good tropo yet as unsettled weather and fast moving weather systems have not allowed any ducting, but I'm ready! For the first time, I think my UHF DXing antenna and receiver equals my FM DXing equipment which has worked very well (FM-13 and IF modified tuners). I'm still fishing around and finding new LPTVs and translators with the Channel Master dish and R-7000. The call letters are from my database which may be out of date since some stations seem to change affiliation frequently, and I assume they change call letters when they change affiliation such as Colorado Springs K38CU "Jukebox"

Western TV-DX

July 1993

Doug Allen (continued) which has changed to TBN. (They do not change call letters unless a permit/license is cancelled and a new applicant goes through the process of applying for and receiving a new permit. This does not happen when a permit/license is transferred. fm)

The Channel Master 7' dish, a gift from a ham friend, is more ruggedly constructed than the Antennacraft version, and in side-by-side comparison, I found signals on the channel Master dish to be in all cases at least as strong as on the Antennacraft dish and in some cases a little stronger.

(The above portion of Doug's report, including some pre-cutoff loggings, was received late for the June column due to a Postal Service error. Regarding the reported logging of K38CT and the tentative logging of K42CT, I have advised Doug that FCC microfiche since 08/31/91 imply that these two may have been cancelled. Doug is doing some additional checking. fm)

### May 1993

|   |  |   |
|---|--|---|
| 4 gw 0200 K60AM 60 CO 135<br>(Cheyenne Wills KOAA- 5) | 4 gw 0730 K23- 23 CO<br>(Unknown KTSC- 8)                      | 20 tr 2020 KHNE 29 NE 390<br>( See Note # 9 )   |
| 0210 K63AF 63 CO 130<br>(Las Animas KOAA- 5)          | 5 tr 0745 K67- 67 CO<br>(Unknown KTVS- 3)                      | 21 Es 2200 WISC 3 WI 855<br>tr 2300 K23AH 23 NE 250<br>(Wallace KGIN-11)                    |
| 0220 K67AQ 67 CO 110<br>(Flagler KMGH- 7)             | 0755 K16- 16 CO<br>(Unknown KCNC- 4)                           | 2330 KCLot 15 SD<br>(Very weak audio<br>-K15BX off air)                                     |
| 0230 K69AX 69 CO 110<br>(Flagler KUSA- 9)             | 0809 K48DW 48 CO 120<br>(Eads KXRM-21)                         | 29 tr 0430 KSNK 8 NE 241<br>0750 KSNG 11 KS 242<br>0751 KUPK 13 KS 256<br>( See Note # 10 ) |
| 0710 K25- 25 CO<br>(Unknown KCNC- 4)                  | 17 tr 1010 KOKHt 25 OK<br>1025 KOCBt 34 OK<br>1035 KTLCT 43 OK | 20 tr 2015 KCIT 14 TX 308<br>0919 KSAS 24 KS 418  |
| 0722 K65AO 65 CO 110<br>(Flagler KRMA- 6)             | ( See Note # 8 )   |   |

Note # 8 - These three stations peaked above noise, along with KATT-100.5, off and on for an hour. Will call them tentative until I hear a legal ID.

Note # 9 - These stations usually peak well above the noise around sunset when the rapidly cooling earth creates a temperature inversion.

Note # 10 - These two (KSNG/KUPK) were stronger than the local Colorado Springs stations.

Lots of E skip on channels 2 and 3. Some of my neighbors blame the frequent E skip interference to Denver channel 2, KWGN, on my ham radio (50 MHz) communications! That I had such power! Some neighbors do experience TV interference when my legal and properly functioning 50 MHz or other amateur band signals "overload" their TV receivers or even their telephones and other electronic equipment. Both they and I are victims of design compromises (insufficiently shielded and filtered electronics), and the FCC holds me blameless. Oh great, but I have to live with my neighbors, so I've voluntarily spent over \$150 providing cooperative neighbors with high pass and other filters which eliminate or substantially reduce the interference due to what the FCC terms "improperly functioning" TV receivers that overload when strong out-of-band signals are present. In the case of telephones and other electronic devices that are not intended to be receivers, the FCC advises me to tell the consumer to contact the manufacturer for modification of the defective design. And you thought you had problems! Anyway, very little tropo here beyond the normal tropo scatter range. Looking forward to seeing you all in Nashville. 73, Doug

(Doug indicated that the unids on channels 16, 23, and 25 peaked from the south or off Pike's Peak. The unid on channel 67 peaked at 125°. fm)

Marvin Shults, RR #1, Toulon IL 61483

CDT

### May 1993

|                           |                                    |                          |
|---------------------------|------------------------------------|--------------------------|
| 13 Es 1958 WPBT 2 FL 1180 | 21 Es 2052 C---- 3 ??<br>(// CKKX) | 23 Es 1159 KACV 2 TX 760 |
| 1959 WEDU 3 FL 1010       | 2122 KWGN 2 CO 810                 | 1229 KWGN 2 CO 810       |
| WTVJ 4 FL 1180            | 23 Es 0930 WDIQ 2 AL 685           | 1230 KUTV 2 UT 1160      |
| 16 Es 2000 CKKX 2 AB 1345 | 0959 unid channel 2                | 1232 KIDK 3 ID 1170      |
| 2100 KRTV 3 MT 1140       | (Full color bar)                   | 1259 KENW 3 NM 915       |
| 21 Es 2030 CKKX 2 AB 1345 | 1128 WPBT 2 FL 1180                | 1329 KTWO 2 WY 850       |

(Nice to hear from you Marvin. I note that you last appeared on these pages in August of 1990! Keep the reports coming. fm)

Robert Delaney, RR#4 Box 385, Mt. Vernon IL 62864 (KA9UVY) (618-242-7256) CST/CDT

Equipment:

1990 Zenith 13" color SS 1311W, Emerson 885 VCR. UHF ant: Archer U120 @ 87' agl, UA 900 preamp, RG-11 coax. VHF ant: rotatable vertical dipole @ 25' agl for E skip, CM 3608 @ 55' agl. Camera: Pentax K 1000 with Kodak Gold Plus 200.

| March 1993 |                    | 28 tr 0539 WHLA 31 WI 400 |                       | 13 Es 1930 WTVJ 4 FL 990 |                        |
|------------|--------------------|---------------------------|-----------------------|--------------------------|------------------------|
| 18 tr 0640 | WVEU 69 GA 405     | 0540                      | WLAX 25 WI 400        | 2000                     | WPBT 2 FL 990          |
| 0645       | WBMG 42 AL 355     | 0600                      | WMSN 47 WI 330        | 15 Es 0720               | CKCK 2 SK 1130         |
| 0700       | WTJP 60 AL 340     |                           | KYOU 15 IA 260        | 16 Es 2130               | CKND2 2 SK 990         |
| 0715       | WAFF 48 AL 280     |                           | K44DO 44 MO 200       | 2155                     | KXMA 2 ND 915          |
| 20 tr 0550 | WHLA 31 WI 400     |                           | (Osage Beach KNLJ-25) | 17 Es 0730               | W64AV 64 KY 125        |
| 0559       | WHA 21 WI 330      | 0605                      | KYFC 50 MO 305        |                          | (Hopkinsville WKMA-35) |
| 0600       | KYOU 15 IA 260     | 0620                      | WMTV 15 WI 330        | 19 tr 0505               | WPTD 16 OH 270         |
| 0610       | KYFC 50 MO 305     | 0630                      | W47AZ 47 IN 180       |                          | 0528 WSMV 4 TN 185     |
|            | KSMO 62 MO 305     |                           | (Indianapolis VJN)    | 21 gw 0500               | unid channel 24        |
| 27 tr 0400 | WAQP 49 MI 425     |                           |                       |                          | ( See Note # 1 )       |
| 0442       | WEYI 25 MI 435     | April 1993                |                       | Es 2037                  | CFQC1 3 SK 1320        |
| 0450       | W69BJ 69 MI 380    | 3 tr 0435                 | WVEU 69 GA 405        | 22 Es 0650               | KBCI 2 ID 1455         |
|            | (Lansing WAQP-49)  | 0438                      | WATL 36 GA 400        |                          | ( See Note # 2 )       |
| 0500       | WSYM 47 MI 365     | 0445                      | WHSQ 63 GA 420        | tr 0705                  | W64BK 64 IL 150        |
| 0525       | WBSX 31 MI 380     | 0452                      | WDCCO 29 GA 515       |                          | (Bloomington WWT0-35)  |
| 0527       | WSMH 66 MI 425     | 0558                      | WTCI 45 TN 295        | Es 1036                  | KUTV 2 UT 1245         |
| 0530       | WPTA 21 IN 275     | 7 tr 0500                 | KETK 56 TX 560        | gw 1550                  | W24BP 24 IL 40         |
| 0550       | WGBA 26 WI 420     | 0530                      | KLRT 16 AR 315        |                          | (Flora LPTV)           |
| 0600       | WGVK 52 MI 325     | 12 tr 0358                | KMCI 38 KS 340        | 23 Es 0930               | KUTV 2 UT 1245         |
|            | WGVU 35 MI 355     | 0359                      | KSNF 16 MO 320        |                          | 1029 KSWK 3 KS 665     |
|            | WMVT 36 WI 335     | 0400                      | KDEB 27 MO 230        |                          | 1126 KTVS 3 CO 765     |
| 0603       | WOTV 41 MI 345     |                           | K52DHT 52 MO          |                          | 1130 KCWC 4 WY 1080    |
| 0605       | WLAJ 53 MI 365     |                           | (Springfield TBN)     |                          | 1230 KOTA 3 SD 840     |
| 0610       | WMTV 15 WI 330     | 0405                      | KHOG 29 AR 325        | 24 tr 0545               | KEMV 6 AR 255          |
|            | WMSN 47 MI 330     | 0519                      | KSHB 41 MO 310        | Es 1230                  | KASA 2 NM 990          |
|            | WANE 15 IN 275     | 0520                      | KTKA 49 KS 380        | 26 tr 2000               | KYTV 3 MO 235          |
| 0612       | W68AA 68 IL 140    | 0532                      | KOZJ 26 MO 320        |                          | 2200 Atlanta UHF's     |
|            | (Danville WAND-17) | 0535                      | KOZK 21 MO 230        |                          | PM Chattanooga UHF's   |
| 0648       | WLLA 64 MI 345     |                           |                       | 27 tr 0605               | WKPI 22 KY 355         |
| 0700       | WTLJ 54 MI 355     | May 1993                  |                       |                          | 0655 KMOS 6 MO 235     |
| 0850       | WGKI 33 MI 445     | 9 tr 0550                 | WHA 21 WI 330         | 0730                     | KTLC 43 OK 510         |
| 28 tr 0030 | KDUB 40 IA 305     |                           | KYOU 15 IA 260        | 0755                     | KRSC 35 OK 390         |
| 0100       | WLEF 36 WI 530     |                           | 0555 WMSN 47 WI 330   |                          | AM Kansas City UHF's   |
|            | W64AU 64 WI 395    |                           | 0610 WMTV 15 WI 330   |                          | N Arkansas UHF's       |
|            | (Adams WHRM-20)    | 0630                      | W54BE 54 IL 240       |                          |                        |
| 0520       | KLGT 23 MN 515     |                           | (Sugar Grove LPTV)    |                          |                        |

Note #1 - Running Main Street TV network on right hand side of the screen and "TV 24 GET THE WHOLE PICTURE SOON" on the left hand side. (W24BP, Flora IL)

Note #2 - ID bars seen through local KTVI 2.

I am pretty new to working E skip and had a real nice opening here on May 23 with the MUF above channel 5 to the northwest. Got two new states here, Colorado and Utah. States now at 30 and stations photographed at 421. 73 de Bob ....

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718) CDT

Equipment:

General Electric 19EC0740W (1980) - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

## May 1993

|            |                |            |                |            |                  |
|------------|----------------|------------|----------------|------------|------------------|
| 16 Es 2057 | CKKX 2 AB 1015 | 23 Es 1100 | KDFW 4 TX 1020 | 29 Es 0122 | CKSA 2 AB 880    |
| 2126       | WKRG 5 AL 1155 | 1300       | KDTN 2 TX 1020 | 0143       | CKKX 2 AB 1015   |
| 2200       | WDIQ 2 AL 1115 | 1400       | KDFW 4 TX 1020 | 2210       | chs 2-4 weak     |
| 22 Es 2118 | KREM 2 WA 1150 |            | unid channel 2 | 31 Es 0930 | KUTV 2 UT 1065   |
| 23 Es 1028 | KDTN 2 TX 1020 | 1800       | KREM 2 WA 1150 |            | ( See Note # 1 ) |

John Ebeling (continued)

Note #1 - Rather a weird minor opening. About one hour later had Nevada on FM; KNPR, Las Vegas on 88.5 and KBXS 92.7 Ely giving weather for Nevada. Atlas says 320 W; did not look through Media to see if it has upgraded! Very weak TV E skip at the time!! So one never really knows.

DX from Bloomington on May 13:

13 Es 2257 unid channel 3 (I probably had KLEW-3 Lewiston ID, but my snowy reading was noted as KREW). PBS station.  
2302 KIDK 3 ID - News 3 Nightside news starting.

Robert Kramer, Box 8244, Chicago IL 60680 (N9MBK) (312-262-6299) CST/CDT

Equipment:

R-7100, 1978 RCA black & white, Sony 1923 19" color, 1977 Sony black and white, Mitsubishi HS-422UR Stereo VCR, Mitsubishi HS-U57 Stereo VCR, Archer U-120 UHF yagi at 68' with Winegard AP4700 preamp, Archer V-185 VHF log periodic at 58', both fed with RG-11 coax, Archer adjustable preamp (Model 15-1113A), Alliance HD-73 rotor, Ricoh XRM camera loaded with Kodak T-Max 400 film.

## March 1993

|            |                        |                 |                      |                     |                 |
|------------|------------------------|-----------------|----------------------|---------------------|-----------------|
| 26 tr 0401 | WXON 20 MI 241         | 27 tr 0330      | K210D 21 MO 267      | 30 tr 0525          | WBGU 27 OH 215  |
| 0405       | WBSX 31 MI 204         |                 | (St Louis HSS)       | 0527                | WGTE 30 OH 219  |
|            | WUAB 43 OH 292         |                 | 0341 W28AI 28 IL 242 | 0530                | WTLW 44 OH 204  |
| 0413       | WTVS 56 MI 241         |                 | (Salem TAB)          | 0533                | WBSX 31 MI 204  |
| 0417       | WQHS 61 OH 317         |                 | 0523                 | WKBN 27 OH 373      |                 |
| 0424       | WIOU 19 OH 317         |                 | 0535                 | KBSI 23 MO 336      |                 |
| 0515       | WNWO 24 OH 219         |                 | 0548                 | WFIE 14 IN 277      |                 |
| 0527       | WVIZ 25 OH 317         |                 | 0552                 | WXON 20 MI 241      |                 |
| 0545       | WGTE 30 OH 219         |                 | 0830                 | WYTV 33 OH 373      |                 |
| 1128       | WBGU 27 OH 215         |                 | 1730                 | CBLN4 45 ON 343     |                 |
| 1131       | WFUM 28 MI 220         |                 | 1800                 | LaCrosse Us 225     |                 |
| 1158       | CKCO3 42 ON 284        |                 | 1905                 | K41AD 41 IA 207     |                 |
| 1531       | WEYI 25 MI 219         |                 | (Lansing KYIN-24)    | 1933                | WHWC 28 WI 293  |
|            | WAQP 49 MI 219         |                 | 2025                 | KYOU 15 IA 255      |                 |
| 1555       | WBNX 55 OH 330         |                 | 2110                 | KITN 29 MN 351      |                 |
| 1622       | WUPW 36 OH 219         |                 | 2115                 | W68BR 68 IL 78      |                 |
| 1646       | CBLN 40 ON 340         |                 | (Rockford WCF0-38)   | 2228                | KSMQ 15 MN 297  |
| 1652       | CIII29 29 ON 284       |                 | 2228                 | KSMQ 15 MN 297      |                 |
| 1657       | WJRT 12 MI 220         | 28 tr 0030      | W28BE 28 IL 186      |                     | WADL 38 MI 241  |
| 1715       | CIII22 22 ON 261       |                 | 0038                 | W33AY 33 IL 186     |                 |
| 1806       | KIIN 12 IA 202         |                 | 0200                 | KXLI 41 MN 413      |                 |
|            | KYIN 24 IA 296         |                 | 0243                 | KJMH 26 IA 200      |                 |
| 2012       | KITN 29 MN 351         |                 | 0320                 | KPLR 11 MO 267      |                 |
| 2030       | WLAX 25 WI 225         |                 | 0350                 | KTEJ 19 AR 450      |                 |
|            | WHLA 31 WI 225         |                 | 0407                 | WTCT 27 IL 298      |                 |
| 2106       | KXLI 41 MN 413         |                 | 0419                 | K18BT 18 MO 267     |                 |
| 2128       | WXOW 19 WI 225         |                 | (St Louis TBN)       |                     | 0225            |
|            | W33AX 33 WI 120        |                 | 0451                 | KNLJ 25 MO 335      | W44BF 44 WI 225 |
|            | (Madison TBN)          |                 | 0527                 | WKPC 15 KY 278      | (La Crosse TBN) |
|            | 2158                   | WKBT 8 WI 225   | 0531                 | KBSI 23 MO 336      | 0230            |
|            | 2330                   | WRGT 45 OH 241  | 2039                 | W69BT 69 IN 82      | WGTE 30 OH 219  |
|            | 0005                   | WUSI 16 IL 227  | (South Bend WCIU-26) | 0250                | WUAB 43 OH 292  |
| 27 tr 0017 | W29BG 29 IL 174        |                 |                      | 0250                | CBLN2 34 ON 284 |
|            | (Decatur TBN)          |                 | 29 tr 2100           | W40AK 40 MI 118     | 0330            |
|            | 0050                   | WHSL 46 IL 269  |                      | (Muskegon LPTV)     | W33AX 33 WI 120 |
|            | 0100                   | W34AY 34 IL 120 |                      |                     | 0353            |
|            | (Champaign TBN)        |                 | April 1993           |                     | 0415            |
|            | 0124                   | KDNL 30 MO 267  | 13 tr 1650           | W24B0 24 MI 113     | 0430            |
|            | 0138                   | W39BH 39 IL 120 |                      | (Kalamazoo WTLJ-54) | 0431            |
|            | (Champaign HSS)        |                 |                      | 1755                | WTO 19 OH 317   |
|            | 0245                   | W28BE 29 IL 186 |                      | (Michigan City TBN) | 0455            |
|            | (Springfield Catholic) |                 |                      | ( See Note # 1 )    | 0527            |
|            | 0300                   | W33AY 33 IL 186 | 30 tr 0402           | WUPW 36 OH 219      | KVRR 15 ND 572  |
|            | (Springfield HSS)      |                 |                      | 0408                | KYOU 15 IA 255  |
|            | 0316                   | KNLC 24 MO 267  |                      | 0500                | WGTE 27 OH 215  |
|            |                        |                 |                      | 0408                | WUAB 43 OH 292  |
|            |                        |                 |                      | 0500                | WGKI 33 MI 200  |

Robert Kramer (continued) 6 tr 0602 W59CA 59 MI 174 6 tr 0726 CITY2 31 ON 366  
(Jackson WAQP-49) 0745 CKCO3 42 ON 284  
0613 W64-- 64 WI 0801 WUCM 19 MI 229  
(Traverse Cty WCMW-27) (See Note # 3) 0830 WDIV 4 MI 241  
0550 W69BJ 69 MI 177 0627 WELUX 48 WI 283  
(Lansing WAQP-49) 0705 WNW0 24 OH 219

Note #1 - cw IDs noted every 54 minutes. I previously noted W258M with cw every 56 minutes.

Note #2 - TBN aiming northwest. Fairly strong, probably in WI, though cx were also were good to MN. (Presumably W42AF in Ripon. fm)

Note #3 - XLTR of WHRM-20. Was alternating back and forth between WHRM and WYCC-20. (Presumably W64AU in Adams. fm)

Quite a bit of tropo activity lately. I got the new R-7100 just in time for the May 6 opening. It is quite an amazing receiver. I can get audio with full quieting on it, with no sign of any picture on my other TV sets (not ever horizontal lines). I can even get audio on channel 14 without any interference from the local police calls there (although the picture gets messed up). It should be a good addition to the shack. I will be installing my new antenna system soon. I already have a Channel Master 1110 VHF. I am waiting for the UHF Quantum to arrive from Rich Wertman. For those looking for a VCR that does not have the blanking signal installed, the Mitsubishi HS-U57 Stereo VCR has a defeatable blanking circuit. It is a high end priced VCR however (mine cost \$550 at a discount dealer). 73 RK.

Jeff Kruszka, 7706-M N Jefferson Place Cir, Baton Rouge LA 70809 (504-923-0196) CDT

**Equipment:**

1992 Zenith "Sentry 2" 13" color TV (Model #S1318S). UHF: RDX Labs UA-900 preamp, Channel Master 4228A 8-bay @30 ft. VHF: Rabbit ears + quad loops for chs. 3 and 5. Mitsubishi HS-U31 VCR.

May 1993 16 tr 0859 KASN 38 AR 270 17 tr 0202 K30CE 30 TX 395  
5 tr 0008 KXAN 36 TX 395 17 tr 0025 KAVU 25 TX 370 (Austin UNI)  
0638 K47DW 47 LA 105 0028 KLDO 27 TX 540 0209 K16BY 16 TX 265  
(Alexandria WNTZ-48) KABB 29 TX 445 (Crockett LPTV)  
(See Note # 1) 0035 KVUE 24 TX 395 (See Note # 4)  
0639 KHSX 49 TX 375 0036 K17BY 17 TX 445 0220 @KDAF 33 TX 365  
2140 WBBH 20 FL 620 (San Antonio GLA) 0223 K33CK 33 TX 445  
2211 WOFL 35 FL 595 (See Note # 3) (San Antonio TBN)  
2216 unid 52 0043 KXXV 25 TX 360 0225 KHSX 49 TX 375  
(See Note # 2) KBVO 42 TX 395 0230 K33DB 33 TX 255  
2222 WACX 55 FL 565 KWEX 41 TX 445 (Houston Galavision)  
2330 WFTS 28 FL 550 0048 KXAN 36 TX 395 (See Note # 5)  
2332 WBHS 50 FL 550 0105 KTBC 7 TX 395 0239 KLSB 19 TX 225  
8 tr 0552 @WFSU 11 FL 405 0112 KRRR 35 TX 475 (u/W19AW)  
0820 unid 6 ABC 0115 KNOV 48 TX 525 0253 KMOL 4 TX 445  
13 Es 0725 WUNCT 4 NC 0118 @KTXA 21 TX 395 0256 KENS 5 TX 445  
1952 WUNC 4 NC 790 ("Paramount 21") 0306 @KXAS 5 TX 395  
1955 WBTV 3 NC 680 0126 KXAM 14 TX 445 0743 KVDA 60 TX 445  
2002 WRAL 5 NC 810 0135 @KVEO 23 TX 500 2313 KPRC 2 TX 255  
2028 WWAY 3 NC 810 0149 @KDTX 58 TX 365 (u/WBRZ)  
16 tr 0830 KCTFt 34 TX 0152 K31AI 31 TX 265 18 tr 0006 KBTX 3 TX 310  
0859 KLRT 16 AR 305 (Huntsville TBN)

Note #1 - They used to be a xltr for KADN-15 (Fox), now they are a xltr for WNTZ-48 (also Fox), with WNTZ IDs (and WNTZ-48 is now a satellite of KADN-15 according to Television Factbook. fm)

Note #2 - Had audio of HSC or similar-type programming under local channel 52. What is this?

Note #3 - Assumed, running ECO news for several hours with no IDs (programming matches TV listings from San Antonio paper).

Note #4 - Running a community access-type billboard, very weak. Could make out "Crockett Public Library," and a local phone # which I confirmed the location of the next day.

Note #5 - Local WVLA off at this time. I actually had 4 stations coming in on ch. 33 about the same time; the 4th one had a gray scale CB, no calls. K33DB was running ECO news, and a check of ch. 49 for KTFH, their parent, revealed only KHSX on, which confused me. A trip to Houston verified what

Jeff Kruszka (continued)

was going on: KTFH does indeed sign off at 0200 while K33DB runs all night (24 hrs, in fact) with Galavision programming.

A pretty fair month for tropo, but THE WORST may ever for E-skip. What is going on? I keep thinking that the E-skip season can't get any worse (after 2 rotten seasons), but we get proven wrong again. My previous Es drought record was 16 days in June of 1990, now at 18 days as of 5/31. My log is up to 187, though. I've accomplished in 3 months what it took me 3 years to get in New Orleans!

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

**Equipment:** See June 1993 Western TV-DX.

May 1993 23 Es 1200 KOAA 5 CO 828 25 Es 1335 CBCP3 3 SK 1002  
6 tr 0555 W48AP 48 OH 294 1305 KNME 5 NM 1026 28 tr 2200 KXNE 19 NE 402  
(Toledo VJN) 1300 KDTN 2 TX 719 29 Es 1835 KNAZ 2 AZ 1258  
14 Es 1820 KMID 2 TX 967 1400 KACV 2 TX 803 30 tr 0100 W64BK 64 IL 82  
21 Es 2135 KWGN 2 CO 811 25 Es 1200 CKSA 2 AB 1206 (Bloomington WWTO-35)  
23 Es 1055 WPBT 2 FL 1229 1100 KMID 2 TX 967 1225 CKCK 2 SK 918 0335 W29AX 29 MI 258  
1130 KASA 2 NM 972 1300 CFQC1 3 SK 1120 (East Lansing TBN)  
1200 KSWK 3 KS 669 CJFB2 2 SK 997

Channel 2, Santa Fe, has new call letters. I now have 4 pictures of their various IDs.

During a May 25 E skip opening I noted parallel programming on channels 2 and 3 with a CJFB-5 ID. Channel 3 could only be CBCP3, Pontex, Saskatchewan. I've received them before. Channel 2 could be 2.45 KW CBCP2, Cypress Hills, or 5 KW CJFB2, Val Marie. I've seen neither before. I counted the latter. It has twice the KW and is 40 miles from Pontex. I hope my conclusion is accurate.

I think WWTO-35 has a translator in Bloomington, Illinois, on channel 64. Is the call W64BK correct? (I believe so. fm). I heard new for Bloomington and WWTO-35.

WCPO-9, Cincinnati, was seen for the first time in 30 years Saturday, May 29, at 0450 and Sunday, May 30, at 0435. An excellent DX target with its central US location. They use a large distinctive ID continuously. Most likely only on weekends.

Fernando Garcia, Apartado 30, Suc. B, Cd. Guadalupe, N.L., 67181, Mexico

HCM

**Equipment:**

Sony 27EXR15, 8 bow tie UHF array at 45', RG-6, amplifier Archer 15-1108 and rotor. Sony KV-13TR27, Archer V-185 at 30', RG-59, rotor.

April 1993 11 tr 0005 K21DM 21 LA 584 11 tr 0520 @WPGX 28 FL 951  
10 tr 0630 KADN 15 LA 637 (Lafayette VJN) 0525 @WBMG 42 AL 963  
2058 XHDH 11 YN 780 0007 WMPV 21 AL 839 0530 @KVHP 29 LA 528  
2100 XHST 13 YN 780 0408 WVUE 8 LA 693 0543 WTHC 40 FL 1029  
2105 XHTP 9 YN 780 0420 K14IE 14 LA 705 0545 KLPB 24 LA 566  
2110 @KVHP 29 LA 528 (New Orleans HSS) 0605 @WHLT 22 MS 771  
2135 KADN 15 LA 637 0422 @WGBC 30 MS 830 0620 WFXLT 31 GA  
2145 KITU 34 TX 497 0423 @WHOA 32 AL 926 0635 unid ch 41 TBN  
2200 WMAU 17 MS 696 0424 WMBR 33 FL 826 0647 unid ch 51 FOX  
2205 @WVLA 33 LA 634 0427 KADN 15 LA 637 0650 WGN0 26 LA 693  
2210 WLAE 32 LA 693 0430 WDBD 40 MS 749 0653 WXTX 54 GA 1035  
2212 WNOL 38 LA 693 0437 unid ch 36 TBN 0700 WTLH 49 GA 1025  
2215 KLTL 18 LA 547 0440 @WAPT 16 MS 749 0707 unid channel 52  
2225 KLAX 31 LA 618 0441 K59DG 59 LA 705 (See Note # 1)  
2230 WLPB 27 LA 587 (New Orleans TBN) 0730 K55EX 55 LA 705  
2231 KDTX 58 TX 519 0442 @WFSG 56 FL 1010 (New Orleans tourism)  
2235 KNCT 46 TX 401 0445 @KFDM 6 TX 491 0740 WARM 68 AL 966  
2240 KTXA 21 TX 519 0450 @WMAU 17 MS 696 0745 WRJMT 67 AL  
2245 KWKT 44 TX 429 0452 KLAX 31 LA 618 0750 K46CR 46 LA 640  
2255 KDAF 33 TX 519 0454 @WNOL 38 LA 693 (Baton Rouge VJN)  
2330 WGN0 26 LA 693 0500 @WVLA 33 LA 634 0754 K56DR 56 LA 640  
2350 WAPT 16 MS 749 0505 K46CR 46 LA 640 (Baton Rouge TBN)  
11 tr 0000 WDBD 40 MS 749 (Baton Rouge VJN) 0800 @WLOX 13 MS 758



Fernando Garcia (continued)

Table listing TV stations and frequencies for Fernando Garcia, including call letters, frequencies, and locations. Includes sub-sections for 11 tr, 12 tr, 13 tr, and 14 tr.

Fernando Garcia (continued)

Table listing TV stations and frequencies for Fernando Garcia, including call letters, frequencies, and locations. Includes sub-sections for 18 tr, 19 tr, 23 tr, and 24 tr.

Note #1 - Continuous HSC or HSS, seen often during Gulf opening, K52CQ Baton Rouge?
Note #2 - Christian Television Network, Clearwater, Florida.
Note #3 - NEW TROPO STATE and my furthest tropo to date, came in strong as local.

This was my first April in this location with a UHF antenna. It was wonderful. I wish everyone had super tropo as me.
I think that my location with only two local UHF stations (but weak signal in my QTH), my height (1800' asi) and no mountains to east and northeast are helping for great catches.

I recalculated all my distances thanks to the formula given by Fred McCormack and TV database sent by Jeff Kadet.

(Very nice loggings! fm)

# EASTERN TV-DX

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

(215) 358-2648

July 1993

Deadline: 7/5/93

The beginning of the Es season has started "not with a bang but with a whimper". The most active days of skip were May 9th (FL to Nicaragua and Honduras) and May 25th. MUF has rarely reached above 87.75 MHz. Tropo has been good but not great. May 6th (MD to NC and NY to IL) and May 17th were a couple of the better days for tropo.

Some additional information on the tuner comparisons in last months ETV DX column, selectivity was not compared because some tuners have the ability to fine tune channels, other tuners did not. Results can be used as a general guide, but not all tuners of the same brand and model will work exactly alike because of variables in shipping, storage, use and slight changes when manufactured. An example of this is when car manufacturers say "your milage may vary" which is also true for DXing. The black and white 1971 Zenith TV that outperformed all of the tuners was model E2416W1 and chassis 22DB36,Z. The selectivity on this model was poor but it did the best job on the very weak signals even without the 41 MHz extracted audio from the televisions IF to a low band police radio.

The Icom R-7000 with optional video adapter was not directly compared to the other tuners but it worked very good. The video was not extremely sensitive like the R-7000s audio but it is probably close to the Teknika TVC-22. The cost of the Icom R-7000 with video adapter at approximately \$1400. makes the TVC-22 a bargain considering the video results, but the hot audio on the R-7000 blows the TVC-22 away.

Those wishing to achieve audio sensitivity and selectivity of the R-7000 but can't gather \$1200. should consider the Icom R-100 at \$600. The R-100 has slightly better specs than the R-7000 and covers the entire TV bands. The R-100 is a mobile set which can be used indoors with a small power supply. The set does not receive SSB and other features of the R-7000 but for TV DXing the R100 is more than adequate. A video adapter can be added to the R-100 at EEB Electronics in Vienna, VA. Both sets use N connectors for antenna inputs. Both sets have slight distortion in the 15 KHz narrow FM mode on TV sound. The squelch on the sets would be ideal for setting up a VOX to record DX when your away from your QTH. The R-100 also has a built-in 50-900 MHz rf amplifier and attenuator which are selectable and can be stored in the memory for each channel separately so each channel is customized for your best reception.

Results of the Icom IC-R100 bring in audio scatter from WUNP-36 Roanoke Rapids, NC to Glen Mills, PA (280 miles) with a Winegard PA-4975 amp and a 4 bay UHF antenna indoors.

It would be interesting to compare the Icom receivers to the Kenwood RZ-1 which also covers the TV bands. The Kenwood specs are not as good as the Icom receivers but most manufacturers rate conservatively, and bench tests show most sets perform better than the rated specs.

Many thanks to this months contributors for their concise prepared reports of television propagation.

Richard Contone, 162-07 87th Street, Jamaica, N.Y. 11414

I am new to the WTPDA. I sent some FM loggings to Box 514, Buffalo. (The FM logs should be sent to Greg Coniglio in Williamsville, N.Y. SW) One find is channel 63 WMBC in Newton, NJ, which is about 60 miles from my house. The station has religious programming and soul music. I am a casual DXer interested in program content at any distance. (I will turn off a DX catch if it is boring) I took a photo of channel 53. (thanks for the photo enclosed with your report, W53AA NYC is Korean. SW) I have a Zenith 26" TV from 1979. I use a "Tru-spec" TA-15, a 15db vhf/uhf amp indoors, with a Winegard TU-7000 at 20 feet.

I DX all frequencies (MW, BCB & satellite).

Richard is looking for advice on antennas, homemade FM antennas in particular.

Eastern TV-DX

July 1993

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-356-9663

Equipment: Channel Master 6 ft dish/Winegard PA4975 at 35 ft; Channel Master Quantum 1110 at 35 ft; Icom R-7000, Sony and Zenith monitors

| April 1993                | May 1993                  | 16 Tr      | WFGT-62 NC 300     |
|---------------------------|---------------------------|------------|--------------------|
| 30 Tr 0500 WNEP-16 PA 170 | 8 Tr 2305 W41AC VA 110    |            | M66BI SC 375       |
| WYOU-22 PA 170            | (Onancock WAVY-10)        |            | (Myrtle Beach TBN) |
| WBRE-28 PA 170            | 13 Es 1902 UNID-2         |            | WUMK-25 NC 230     |
| W23AY PA 80               | UNID-3 NBC                |            | W14BG DE 100       |
| (York LPTV)               | 16 Tr 0630 WYDO-14 NC 250 |            | WLIW-21 NY 240     |
| 0520 WRDC-28 NC 240       | WPDE-15 SC 340            |            | WNCN-40 NJ 130     |
| WPDE-15 SC 340            | WLFL-22 NC 240            |            | WTV-41 (NY) 210    |
| WLFL-22 NC 240            | WYED-17 NC 240            |            | WHSE-68 (NY) 210   |
| W14BG DE 100              | WRDC-28 NC 240            | 6 Tr 0900  | WTAT-24 SC 440     |
| (Newark WKBS-47)          | W34AX NC 195              |            | (under WHSW)       |
| WTV-41 (NY) 210           | (Henderson CHA)           |            | WAAP-16 NC 240     |
| W38BB NC 240              | WUNP-36 NC 190            |            | WTVI-42 NC 330     |
| (Raleigh TBN)             | WUNJ-39 NC 330            |            | WCCB-18 NC 320     |
|                           | W38BB NC 240              | 0925       | W18AR SC (t)       |
|                           | WKFT-40 NC 260            |            | (Charleston LPTV)  |
|                           | WGGT-48 NC 260            | 30 Es 1319 | WBRZ-2 LA 990      |

## STATION NOTES

WPDE-15-SC and WRLH-35-VA are sporting new ID logos, as are stations in the North Carolina Public TV Network; their new colorbar slide is supered with "UNC-CPTV" (was NCPN). WYDO-14-NC is still running some Sunday AM programming independent of WFXX-8(Fox). Look for WYDO slide, also Family Net programming.

W14BG Newark, DE is running Family Net as reported in May ETVDX. They also rebroadcast some programming from Christian stations WPCB-40/WKBS-47, and show their dual ID. "TV-14" almost always appears in the lower left corner.

## COMMENTS

E-Skip mostly absent so far, save for old reliable WBRZ, which seems like a local sometimes. I installed an antenna array at my work OTH in Fairfax, VA, and am encouraged by preliminary results. The U-120 w/CP-4800 amp and cheap FM yagi above it are rotor mounted at about 20 ft. The location is super; 10 miles west of home, away from nagging locals on one of the higher points in the county, plus a super view of the southern and western horizons. This is where I first saw tropo in 1986, on a wire loop inside the building. I expect to do much better here than I do at home, despite the better antennas and receivers there. E.V.

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

Equipment: JVC HR-D630U UCR w/attic UHF dipoles & 2nd floor UHF 4-bay

| March 1993 (EST)               | May 1993                     |
|--------------------------------|------------------------------|
| 09 AU 0047 unids/CCI 2-7       | 17 ES 1817 MUF 2             |
| 27 GW 2130 CIII55 55 ON 67 # 1 | 25 ES 2323 MUF 6             |
| Fort Erie                      | 26 ES 1258 WVL 4 LA 1105     |
| May 1993 (EDT)                 | 1300 WBRZ 2 LA 1115          |
| 06 TR 0609 WNDU 16 IN 357      | 1317 WTVU 4 (FL) 939         |
| 13 ES 2100 KFDX 3 TX 1211      | 28 ES 1146 MUF 4             |
| 2123 MUF 6                     | 1159 WPBI 2 FL 1223          |
| 14 ES 1936 MUF 2               | 29 ES 2056 WCRD 2 SC 740 # 2 |
| 16 ES 2159 KACV 2 TX 1303      | Charleston                   |
| Amarillo                       | 2103 MUF 5                   |
| 2240 KAMR 4 TX 1305            | 2300 WBRZ 2 LA 1115          |
| Amarillo                       |                              |

Note # 1 - Assumed call. Repeats CIII-TV Paris (Global, CBS net). Very weak signal in neighbouring Niagara Falls while CIII41 Toronto booms in & CIII Paris is almost snow-free. Intended coverage area listed in TVG as Welland-Port Colborne-Fort Erie. However I doubt that anyone in Welland is watching 55.

Note # 2 - SC is state # 29 for my Brampton area log. (including Mississauga & Toronto). 73s...

Harry J. Hayes - 9 Henry St. - Wilkes-Barre, PA 18702

Equipment: RCA 1971 Color set-Ch. 2 &amp; 5 quad loop-amplified at south window.

## May 1993

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| 8 Es 1530 KJRH-2 OK  | 13 Es 2100 KETS-2 AR | 25 Es 1940 KJRH-2 OK |
| 13 Es 1800 KDTN-2 TX | 14 Es 1405 WLBT-3 MS | 29 Es 1415 KGAN-2 IA |
| 1826 WESH-2 FL       | 23 Es 0930 WBRZ-2 LA | T630 WDIQ-2 AL       |
| 1900 WPBT-2 FL       | 25 Es 2218 KGAN-2 IA | 1900 WBBM-2 IL       |
| 2058 KJRH-2 OK       | 2230 KSNK-2 KS       |                      |

This May is a disappointment with no skip getting above channel 4 that I've observed. Channel 4 was in strong on the 29th. Highlight was a reception of WBBM-2 Chicago on the 29th, this is on the rare side here. This is the first May in quite some time that had no Es into FM, at least that I've observed. I could have missed an opening, being that they were so brief this month. Things can only improve. Rest regards.

Dave Nieman 12284 Nice Road Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF on a CDE rotor at 23 feet AGL (813 feet ASL). Channel Master 4251 UHF (7' dish) with Blonder-Tongue CMA-Ub preamp on a crankup tower at 30 feet AGL (820 feet ASL) with Alliance HD-73 rotor. Using RG-11 coax for both antenna. New loggings are underlined. New call (K4KKK).

## January 1993

18 Es 13:00 KSNW 3 KS 1058  
21 Tr 08:11 CIVA 8 PQ 366  
over WROC Rochester NY  
(see Note #1)

## March 1993

10 GW 11:48CH?? 55 ON ??  
(see Note #2)

## March 1993

26 Tr 11:11 (WMFD) 68 OH 262  
(see Note #3)  
27 Tr 06:52 WCIU 26 IL 470  
(see Note #4)  
08:27 WFI 20 IN 450  
08:30 WMCC 23 IN 429  
May 1993  
6 Tr 08:29 WCIU 26 IL 470

## May 6 tropo continued

08:30 WFLD 32 IL 468  
08:30 WCFC 38 IL 468  
05:41 WEHS 60 IL 470  
08:59 WNIH 34 IN 402  
12 Tr 14:24 W??? 64 ?? ???  
(see Note #5)  
15 Es 21:31 KSWK 3 KS 1235

## NOTES:

- Running Phillips test pattern with time and "RADIO QUEBEC" on it
- New to the air, testing using 3/4 color bars and tone. GLOBAL TELEVISION NETWORK station somewhere on the Niagara Peninsula.
- Back on air with new call
- Running ID slide including two translators
- Channel 64 running Home Shoppers Club not // ch. 61 Cleveland OH. Antenna W.S.W.: Toledo OH also in.

Welcome back to the WTFDA editing staff Stephen. Sorry to say, I don't have much tropo and even less skip to report. Dave

Dave Nieman - Ho Sta Geh Road - Rock City, New York

Equipment: RCA 9" b&w TV, Channel Master 3617B VHF, Winegard DA-205 distribution amp at 15 feet AGL (2405 feet ASL), RG-6 coax and Radio Shack rotor. Antennacraft P-7 (7' dish) UHF (indoors) with DX Tele Lab EU-45 preamp at 2390 feet ASL, RG-11 coax. New loggings are underlined. New call (K4KKK).

## January 1993

16 Tr 13:00 CICO 18 ON 160  
13:00 WNPI 18 NY 250  
(see Note #1)

## March 1993

7 Tr 10:30 WGAL 8 PA 167  
28 Tr 08:00 CKWS 11 ON 180  
April 24 1993 (see Note #2)  
May 1993 (see Note #3)  
1 Tr 06:00 CIII?? 55 ON ??  
06:15 CITY 57 ON 122  
06:20 WJW 8 OH 173  
06:29 WEIG 66 PA 82  
06:39 WQHS 61 OH 172  
(HSC)  
06:47 WQAC 67 OH 173  
(see Note #4)

## May 1 1993 DX continued

Tr 07:29 WVI 25 OH 175  
07:34 WMFD 68 OH 230  
09:00 WBNX 55 OH 170  
2 Tr 04:57 WOIF 38 PA 146  
05:00 WWL 56 PA 141  
05:36 W15AH NY 129  
Binghamton (TBN)  
05:45 W32AD PA 146  
Clark Summit (WNEP-16)  
06:00 WPHI 17 PA 216  
06:52 WIVE 51 PA 176  
(HSC)  
08:00 W60?? PA  
(see Note #5) (WVIA-44)

## May 2 tropo continued

08:13 W19AR PA 144  
Clark Summit (WYOU-22)  
Tr 08:18 W63AB PA 72  
Manfield (WVIA-44)  
08:30 W30AA NY 86  
Elmira (WSKG-46)  
8 Tr 03:30 CJOH 13 (PQ) 274  
04:43 CHEX 22 ON 131  
over local LPTV  
03:57 CBOFI 9 (PQ) 274  
(see Note #6)  
04:17 W15AL NY 89  
Rochester (VJN)  
22 Tr 07:00 WNPB 24 WV 174  
08:00 WPCB 40 PA 131

## NOTES:

- Using Cobra SR 925 scanning receiver hooked to 7' dish and preamp.
- Roof mounted 7' UHF dish on 10' tripod; height now 25' AGL, 2415' ASL. Still using EU-45 preamp.
- Now using a Harvard 13" color set model LU1313. Installed a Winegard FT-7600 adjustable FM trap between 3617B VHF antenna and Winegard DA-205 distribution amp. Tuned it to 95.7 mhz making channels 8,9 & 10 DXable again.
- Running HOME SHOPPING SPREE
- I have no location for this translator (W60AH in Stroudsburg, PA? SW)
- Running modified 3/4 colorbars with clock in lower right and "OTTAWA" across center.

Hi again Stephen: May 2 was a good morning for tropo to your area of Pennsylvania: see anything back this way? I missed almost as many new loggings that morning as I got. Dave (just Scranton)

Jeff Wolf, 1131 University Blvd. W., Apt. 701, Silver Spring, MD 20902

## April 1993

29 tr 0714 WYED-17 NC (248)  
0757 WYDO-14 NC (250)  
30 tr 0028 WYDO-14 NC  
0700 WGTW-48 PA (119)  
through W48AW in DC

## May 1993

1 tr 0749 UNID-43 HSN  
(new station from Tidewater,  
Virginia. SW)

## May 1993

2 tr 0319 WYED-17 NC  
6 tr 0628 WLFL-22 NC (251)  
0658 WKFT-40 NC (265)  
0704 WRDC-28 NC (248)  
8 tr 0822 WYED-17 NC (248)  
0859 WYDO-14 NC (250)  
9 tr 0059 WYDO-14 NC

Note: WYDO-14 received w/WTMW-14 off.

(Jeff, what type of equipment are you using? I put a RS U-120 on my condo roof without official permission. Since it was on the same mast as the community antenna it took them over 4 years to figure it out. SW)

Stephen West, 26 Dougherty Blvd. G-8, Glen Mills, PA 19342-1140 N3FYO

## May 1993

16 tr 0830 WTAT-24 SC (510)  
0900 W34AX-34 NC (Henderson)

## June 1993

3 Es 0900 WPBT-2 FL  
9 tr 0900 WUNP-36 NC (very strong)

I will probably stop reporting WUNP-36 in NC since their audio has been received on the Icom IC-R100 everyday since the Icom was purchased. I noticed WTX-20 was running HSN a lot but still has some regular programs. (they failed to ID on the hour, also) The phone number for WWAC-53 Atlantic City, NJ is (215) 473-9060 with offices in the Philadelphia area. Since purchasing the Icom I have been able to get the audio (picture always has been good) from W08CC the LPTV transmitting from Waterford Works, NJ. (same tower as WNJS-23) WOCC (as they call themselves) runs the Movie Greats Network and the Home Entertainment Network with mostly black & white programs. They put out a good video signal but WGAL-8 Lancaster, PA has the stronger audio in Glen Mills, PA. WOCC-8 does identify itself about every 10 minutes with a 8 in the lower right corner of the picture along with various cable systems that carry WOCC and the channel they are carried on for that cable system. Channel 7 the LPTV in center city Philly can not be seen at all from Glen Mills, PA.

John F. Combs N4SFS, POB 721027, Orlando FL 32872

(407) 282-6945

## MAY 1993

9 Es 1923 El Salvador-4? T  
(see note #1)  
1930 Nicaragua-4 1136  
(see note #2)  
2014 Honduras-5 1030  
(see note #3)  
13 Es 1930 KGAN-2 IA 1120  
2027 KTVO-3 MO 1011

## MAY 1993

16 Tr 2050 WPMI-15 AL 407  
2050 WMPV-21 AL 401  
2113 WSRE-23 FL 380  
2114 WEIQ-42 AL 422  
17 Tr 0850 KSHS-67 TX 858  
0850 KXLN-45 TX 858  
0850 KRIW-26 TX 857  
(see note #4)

## MAY 1993

17 Tr 2236 WYDO-14 NC 532  
2243 WJKA-26 NC 429  
2243 WUNJ-39 NC 429  
2246 WJPM-33 SC 409  
23 Es 1209 KDFW-4 TX 971  
1446 KXAS-5 TX 971  
1453 KFDX-3 TX 1081  
(Log now at 461 stns)

EQUIPMENT: See May 1993 VUD, p. 27.

Note #1: Soccer with "TV-4" in upper left.

Note #2: Apparently a new station -- most ads mentioned Nicaragua or Managua -- ID is a small "4" that zig-zags around screen as it gets bigger, winding up at screen right.

Note #3: Honduras is a country that somehow eluded me during my previous two stints of TV-DXing in Orlando (it seems like Guatemala and El Salvador have tended to dominate the Central American openings here) -- I recognized the logo from Carlton's DX tapes + also noted prices in lempiras.

Note #4: Damn! This was starting just as I was leaving the house!

The early skip season has been underwhelming. Only three openings noted, and only one of those reached FM (the 23rd, when the MUF strayed into the educational band briefly), but one of those openings was a dandy (though weak) opening to Central America. Not too shabby when you can log two new countries in one opening! (I've now logged 12 total countries from here!) A correction to May's report: the ch. 58 TBN was more likely W58BO in Natchez MS -- I somehow missed this when searching lists for TBNs on 58 in that direction. (Would make more sense than Dallas as MS was dominating at the time.) I also have solved a 2 year old UNID! Fernando Garcia confirms that my UNID-10 w/ECO pgm seen during a Gulf opening in Tallahassee was XEX-10 Monterrey (as I had suspected) -- he even sent me the sKeds to prove it. At about 985 miles, it is now my longest VHF hi-band logging from Tallahassee. Local items: W31AU Orlando is back on with an amp-busting signal (sigh) running HSS pgm. And W14AC Lakeland is back -- in this incarnation it is a WACX-55 xltr. (WACX-55 seems to be making a habit of buying up failing LPTVs and "converting" them to WACX xlters!) Good luck to Steve on the column -- I've known him a long time, and know he'll do a super job!

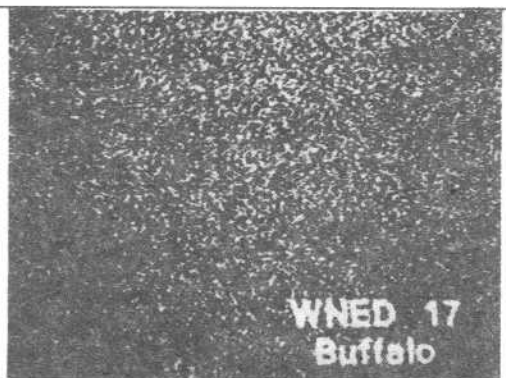
Robert Kramer-Chicago Illinois. Equipment: 1978 RCA 19" b&w, Sony 19" color set, Mitsubishi HS-422UR stereo VCR, Archer U-120 UHF at 60' and V-185 VHF at 50', both antennas fed with RG-11 coax. Three Archer 15-1113A adjustable preamps. Alliance HD-73 rotor. Camara equipment: Ricoh XRM 35mm loaded with Kodak T-Max 400 ASA b&w film.

**WNED-17**  
Buffalo  
New York

460 mile tropo

seen  
September  
14, 1992

at 0355 CDT

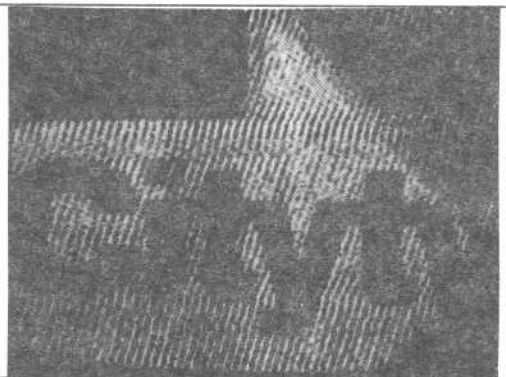


**CITY-57**  
Toronto  
Ontario

440 mile tropo

seen September  
14, 1992

at 0400 CDT



Thanks for the photos Robert, hope you'll have more soon.

Bill Eckberg-Dixon Illinois is our next reporter. Equipment: 1966 Zenith b&w receiver model CH 14N22 with modified UHF tuner. Channel Master 1110 VHF antenna with RDX Labs UA 700 preamp at 41 feet on a Rohn tower. Channel Master 7 foot (UHF) dish with RDX Labs UA 900 peramp at 52 feet on a Rohn crankup tower. Jerrold CAC-11 feed for both antenna. "riddles for the Insomniac DXer; one liner description of the following photos".

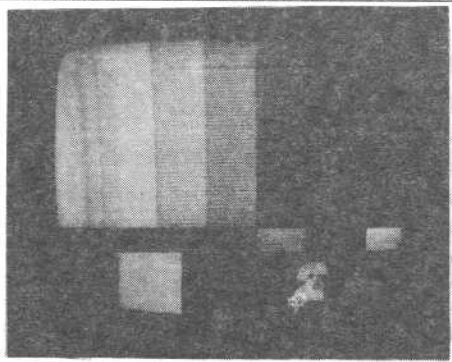
**CKKX-2**  
Calgary  
Alberta

1293 mile  
E-skip

seen  
January  
5, 1993

at 0430 CST

"2 and 7"



(ed. I can't think of a one liner; what's the answer Bill? djn)

Bill report continued from page one

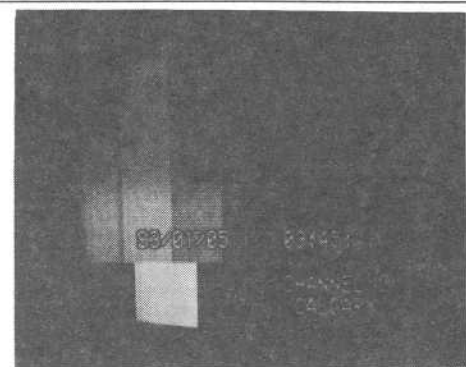
**CFCN-4**  
Calgary  
Alberta

1293 mile  
E-skip

seen  
January  
5, 1993  
at 0445 CST

"recd on ch 4  
shows ch5?"

"1 hr behind"



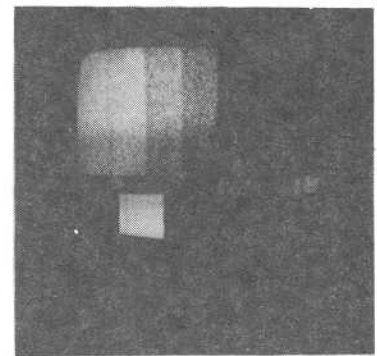
**CKRD-6**  
Red Deer  
Alberta

1313 mile  
E-skip

seen January  
5, 1993

at 0455 CST

"Red Deer TV"



**CJBRT-2**  
Rimouski  
Quebec

1085 mile  
E-skip

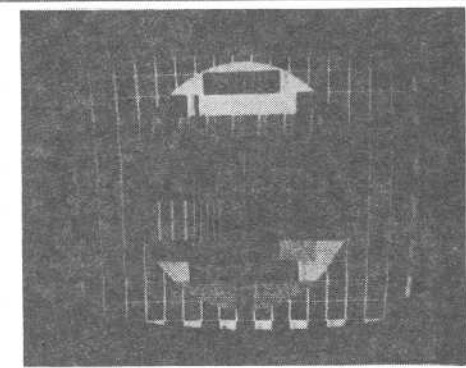
seen January  
13, 1993

at 0230 CST

for?  
CBGAT14-2  
Carleton  
Quebec

1184 mile  
E-skip

"Quebec-Radio Canada"  
"1 hr ahead"



Thanks for the photos Bill, hope to see more from you soon.

Till next time, DAVE



SOUTHERN FM DX  
6/3 Es

|      |      |       |                          |      |
|------|------|-------|--------------------------|------|
| 1219 | KSUX | 105.7 | NE Winnebago, SuperPig   | 1057 |
| 1221 | KUOO | 103.9 | IA Spirit Lake, calls    | 1075 |
| 1223 | KXNP | 103.5 | NE North Platte, KX104   | 1180 |
| 1225 | KRNY | 102.1 | NE Kearney, K102, k      | 1090 |
| 1230 | KDWB | 101.3 | MN Richfield, calls      | 1110 |
| 1233 | KCTN | 100.1 | IA Garnavillo, calls     | 938  |
| 1236 | KLYV | 105.3 | IA Dubuque, K-Live 105   | 903  |
| 1238 | KXAC | 100.5 | MN St. James, calls      | 1092 |
| 1240 | KOEL | 92.3  | IA Oelwein, 92Country    | 943  |
| 1250 | KMSR | 94.3  | MN Sauk Centre, calls    | 1202 |
| 1253 | KRIT | 96.9  | IA Clarion               | 995  |
| 1259 | WJCO | 100.5 | MN Cloquet, ID           | 1205 |
| 1300 | WJJO | 98.1  | MN St. Cloud, 98Country  | 1171 |
| 1323 | KXLP | 93.1  | MN New Ulm               | 1107 |
| tr   |      |       |                          |      |
| 1327 | KIVY | 92.7  | TX Crockett, calls       | 665  |
| 1925 | KRGL | 97.1  | TX Fort Worth, The Eagle | 783  |
| 1930 | KSCS | 96.3  | TX Fort Worth, calls     | 783  |
| 2108 | WZYP | 104.3 | AL Athens, ZYP           | 336  |
| 2111 | KEYI | 103.5 | TX San Marcos, Key103    | 816  |
| 2112 | WEEJ | 100.1 | FL Port Charlotte        | 276  |
| 2114 | KLUV | 98.7  | TX Dallas, calls         | 752  |
| 2120 | WCVU | 94.5  | FL Naples, Shore 94.5    | 337  |
| 2121 | KAFX | 95.5  | TX Diboll, K-Fox 95      | 624  |
| 2122 | WOLZ | 95.3  | FL Fort Myers, calls     | 304  |
| 2126 | KZPS | 92.5  | TX Dallas, calls         | 752  |
| 2127 | KLRX | 97.9  | TX Dallas                | 752  |
| 2136 | KJMX | 100.3 | TX Dallas, 100.3 Jamz    | 752  |
| 2137 | KDMX | 102.9 | TX Dallas, Mix102.9      | 752  |
| 2139 | KYNG | 105.3 | TX Dallas, FM 105, k     | 752  |
| 2148 | WRQO | 102.1 | MS Monticello, Q102      | 352  |
| 2152 | WLUN | 95.3  | MS Lumberton, calls, k   | 308  |
| 2154 | KHFI | 96.7  | TX Georgetown, calls     | 796  |
| 2156 | KVET | 98.1  | TX Austin, calls         | 802  |
| 2200 | KVTT | 91.7  | TX Dallas, ID            | 752  |
| 2200 | KCBI | 90.9  | TX Dallas, ID, g         | 752  |
| 2202 | WAVV | 101.1 | FL Marco, Wave 101       | 354  |
| 2202 | KONO | 101.1 | TX Fredericksburg, calls | 868  |
| 2207 | KPBQ | 101.3 | AR Pine Bluff, calls, k  | 519  |
| 2218 | KVKI | 96.5  | LA Shreveport, calls     | 574  |
| 2232 | KKDA | 104.5 | TX Dallas, K104          | 752  |

FM log total now stands at 513.

After getting a huge E-skip opening on June 3rd, I feel like I really should not even be complaining about the lack of more FM skip, since I know daytime skip openings are hard for most to see. I just happened to be home when John Combs called to discuss some tropo we had both been getting when he said there was some skip, and while on the phone with John he said the MUF was quickly climbing and hit FM there. It took awhile to reach FM here, and fortunately since I had no class that day (and more importantly, my major professor, i.e. the boss, was out of town) I stayed in and enjoyed the DX! The tropo have been plentiful as of late also, no doubt thanks to a stable high pressure which has kept us in the upper 90's during the day. I think the best logging of this report, or at least my favorite, was logging KVKI by E-skip AND tropo in the same day! For awhile I thought there was a shot at logging some things by both E-skip and tropo (shades of Mr. Cooper!) at the same time, and the signals were coming in from similar locations at first (KDTN-2 Denton TX ID'ed via skip half an hour after hearing nearby KNON, and five minutes later KZFX via tropo on FM!) but the skip won out. The interesting part was when I logged KIVY via tropo after the skip had faded out! In fact I was able to listen to KOOI in the car on the way to school around 1345! I really wish we could have some evening openings, since I can't get away with what I did most days, and more importantly we all need some E-skip to otherwise live up what has been the worst skip season I have ever seen. Here's hoping... '73's Matt.

Gus Mancuso, 5615 Inwood St., Hyatts, MD 20785

5/27 tr

2023 WJTM 88.1 MD Frederick, g, calls. In car from Bethesda in/out w/WJHU.

No sign of any Memorial Day skip unless some occurred on Saturday night when I worked. Will do annual atl. city trip in late June, watch for in AUG VUD.

## Sittel, cont.,

JULY 1993

|        |      |      |       |                             |     |
|--------|------|------|-------|-----------------------------|-----|
| 6/3 tr | 2239 | KTBQ | 107.7 | TX Nacogdoches, Q107        | 618 |
|        | 2247 | WBNN | 95.9  | MS Taylorsville, B95        | 323 |
|        | 2250 | KPLX | 99.5  | TX Fort Worth, K-Plex       | 783 |
|        | 2259 | KJCS | 103.3 | TX Nacogdoches, KJ103       | 618 |
|        | 2314 | W    | 99.3  | Fort Myers Beach, 99X       | 313 |
| 6/4 tr |      |      |       |                             |     |
|        | 0647 | KKKZ | 107.5 | LA Ruston, Kix 107.5, k     | 511 |
|        | 0652 | WKWZ | 103.5 | MS New Albany, KZ103        | 389 |
|        | 0704 | WGNE | 98.1  | FL Titusville, 98Frog       | 246 |
|        | 0706 | KRGL | 97.1  | TX Fort Worth               | 783 |
|        | 2109 | WSYN | 106.5 | SC Georgetown, Sunnly065356 |     |
|        | 2117 | WBMM | 106.9 | AL Birmingham, oldies       | 256 |
|        | 2223 | KQKQ | 106.5 | TX Galveston, SS            | 634 |
| 6/7 tr |      |      |       |                             |     |
|        | 0717 | WKXI | 107.5 | MS Magee, Kicksie 107FM     | 335 |
|        | 0718 | WRBE | 106.9 | MS Lucedale                 | 257 |
|        | 0721 | WBQQ | 104.3 | GA Augusta, calls           | 249 |
|        | 0724 | WHMK | 103.7 | MS Hattiesburg, Eagle       | 300 |
|        | 0735 | WRQO | 102.1 | MS Monticello, Q102         | 352 |
|        | 0742 | WKQR | 101.9 | AL Citronelle, Kicks        | 237 |
|        | 0749 | WJCL | 96.5  | GA Savannah, Kix 96.5       | 219 |
| 6/7 tr |      |      |       |                             |     |
|        | 0751 | WJDX | 96.3  | MS Jackson, Mix 96.3        | 370 |
|        | 0755 | WQCK | 92.7  | LA Clinton                  | 400 |
|        | 0757 | KQID | 93.1  | LA Alexandria, 93QID        | 487 |
|        | 0800 | WSEB | 91.3  | FL Englewood, calls         | 302 |
|        | 0802 | WSON | 90.9  | FL Naples                   | 337 |
|        | 0847 | WYNR | 107.7 | GA Darien, calls, k         | 183 |
|        | 0856 | WSSL | 100.5 | SC Grey Court, calls        | 301 |
|        | 0859 | WIXV | 95.5  | GA Savannah                 | 219 |
|        | 0859 | WRMB | 89.3  | FL Boynton Beach, calls     | 376 |
| 6/8 tr |      |      |       |                             |     |
|        | 0800 | WKNN | 99.1  | MS Pascagoula               | 251 |
|        | 0808 | KQID | 93.1  | LA Alexandria, The Q        | 487 |
|        | 0812 | WRNO | 99.5  | LA New Orleans              | 349 |
|        | 0823 | WNPT | 102.9 | AL Linden                   | 241 |
|        | 0829 | WRKF | 89.3  | LA Baton Rouge, ID          | 410 |
|        | 0905 | WIZK | 93.5  | MS Bay Springs              | 310 |
|        | 0909 | WTXY | 94.7  | MS Jackson, Oldies 94.7     | 370 |
|        | 0919 | WALX | 100.9 | AL Selma, local ad          | 209 |
|        | 0939 | WENN | 107.7 | AL Birmingham, 107.7FM, s   | 256 |
|        | 0947 | WNSL | 100.3 | MS Laurel, SL100            | 299 |

## SOUTHERN FM DX

JULY 1993

STATION NEWS FROM GUS MANCUSO: Country growing, these stations have made the switch since last year: WRKY Warrenton, VA 107.7, WPRE Frederick, MD 99.9 and now WMDM Lexington Pk., MD 97.7. WJZE 100.3 now "Oldies 100" was "Jazzy 100".

Doug Allen, w2crs, PO Box 5646, Woodland Park, CO 80866

Equip.: Onkyo T-4087 and FM-13 at 50'

5/3 Es

1052 WKLM 95.3 OH Millersburg, ID  
1055 WFSN 106.57 ID, new call letters?  
1056 WFDY-FM? KY? "WFDY-AM" ID  
1106 WAZY 96.5 IN Lafafayette

5/17 tr

1010 KATP 100.5 OK Okla City, ID 478  
5/26 Es  
2020 KHYY 97.5 CA Santa Barbara, "y-97"prev.ms  
2030 KHIS 96.5 CA Bakersfield, rel, ID  
2033 KBOQ 92.7 CA Marina, c,local ads

Fair amount of Es during May with contacts on 50 mHz most days, and Es reaching 88 mHz on 8 days, 98 mHz on 4 days, 108+ on 2 days, but not reaching 144 mHz while I was monitoring. Some good clsoe in tropo, but very little beyond the normal 450 mile tropo scatter range. Divided my time between TV, FM and 50 mHz DXing. See you all in Nashville. 73, Doug.

Steven C. Wiseblood, 6393 N. Dakota St., Apt. #2, Brownsville, TX 78521

Equip.: Radio Shack 6-element yagi at 20 feet, Denon TU-800 tuner

3/31 tr

2030 93.5 XHPP TA Tampico, ID 30 kw 24 255 hrs. mix of Mexican ranchera cumbia mx  
2036 96.5 XHRN VE Veracruz, "aquien RN"470  
2038 100.1 XHJT TA Tampico, lite a/c 255  
2041 92.9 XHEO YU Merida EZ,SS guitar 600  
2042 93.7 XHM-FM YU Merida,lite a/c, 600 U.S. & Mex. pop mx,Super Estereo", ID  
2145 92.7 XHSAV ve San Andres Tuxtla 535 "FM 92" concert promo, ads, full ID  
"XHSAV en los seirras de Tustlas musica romantica"

4/12 tr

0815 99.7 WOOF AL Dothan, ID,wx"WOOF" 800  
0818 104.5 WGPC GA Albany, IDs 905  
0829 99.3 WEZE MS Heidelberg,g 630  
0901 97.1 WEZB LA New Orleans,B97 535  
1224 105.3 WLTS LA Slidell, wx, ID,ads 550  
1230 106.7 KQJD LA Port Sulphu,oldies 540  
1232 103.5 WDRR FL Callaway, r, ads, 795  
"Panama City's concert station,conc.promos  
1234 103.9 AL Ozark, r,"Q-103.9" 800  
1248 99.3 WEZB FL Mexico Beach.soul-EZ 800

4/14 tr

2203 93.3 XHPA VE Beracruz, ads,"FM 470  
Globo estereo", a/c Latino mx  
2207 102.9 XHVS VE Veracruz, ads, U.S.-470 contemporary, MOR, pop mx  
4/11-12 tr (unless otherwise noted) 535  
2225 93.3 WQUE LA New Orleans, ID "Q-93"  
2230 99.3 XHMER YU Merida, ID, "Stereo Ritmo Digital" 600  
2242 100.1 XHEMZ TB Villahermosa, "FM Globo Estereo", ID, ads,psa 616  
100.7 WIGE LA Baton Rouge, "The Tiger". r 505

4/23 tr

0340 95.1 WQFX AL Prattville, r, The Fox  
0345 99.3 WEZB FL Mexico Beach, 800  
0347 100.7 WJLQ FL Pensacola, ID 700  
4/24 tr  
1920 99.3 XHMER YU Merida, ads 600  
1926 98.1 KVET TX Austin, psa, k 305  
2130 96.3 KSCS TX Fort Worth, ads 475

5/9 tr

1406 93.3 XHQO NL Monterrey, "La Imbasora  
1406 94.1 XET NL Monterrey  
1413 92.5 XHSRO NL Monterrey, "\$ Rey" 185  
5/12 tr  
1847 100.1 XHJT TA Tampico 255  
1849 100.5 unID VE Beracruz, ads, 470  
ads, "La Estacion en Veracruz-es la cruz, lite jazz-new age-lite a/c mx-EZ/mx  
1900 101.3 XHPR VE Veracruz, "Grupo FM en Veracruz", "Oye-101", ads,Mex. rock  
1900 93.3 XHPS VE Veracruz,  
1909 102.9 XHVS VE Veracruz, "Stereo Oro"

5/13 gw

2249 90.9 XHRYA TA Reynosa,s/off, "Estereo America"  
5/14 Es  
1901 93.7 KRAI CO Craig, ID,urban a/c  
tr  
2114 98.1 WGGZ LA Baton Rouge,oldies  
2118 100.7 WIGE LA Baton Rouge 505  
2138 97.3 KMDL LA Kaplan, ads  
2143 93.3 KYKR TX Port Arthur. k  
2144 94.1 KQXY TX Beaumont 360

0700 104.5 WFYV FL Atlantic Beach, ID 1040  
ads, "Rock 105", classic rock mx  
0710 97.1 unID mixing w/ New Orleans morn program with male and female anns. playing a taped phone call with ment. of "Howard Stern", also "here in Los Angeles"  
0800 97.1 WEZB LA New Orleans 550  
hit mix-dance mx, & talk program  
0801 95.9 WBNN MS Taylorsville, "the Pine Belt" ment. of Laurel,Winston, k 630

cont.....

## SOUTHERN FM DX

Wisblood, cont.

JULY 1993

|   |     |   |      |
|---|-----|---|------|
| 5/14 tr   |     |   |      |
| 2202 107.7 KPAL LA Erath,K-Pal  | 480 | 6/1 tr  |      |
| 2203 106.3 KFXZ LA Maurice, ads, urban  | 480 | 1911 89.1 KSTX TX San Antonio, ID   | 255  |
| a/c mx,"Red Hot 2-106.3"  |     | 1917 90.1 KPFT TX Houston   | 300  |
| 2213 107.9 KIXS TX Victoria,Kicks 103,k   | 205 | 2020 94.1 KLTY TX Fort Worth, ID, wx,ads  | 475  |
| 2214 104.5 KRMV TX Orange, oldies   | 360 | 2024 98.7 KLVV TX Dallas, oldies  | 475  |
| 2229 96.9 KIOX TX El Campo,X-97, k  | 240 | 2038 106.1 KIOC TX Orange,urban rock  | 360  |
| 2236 92.5 KIFA TX Groves, g, ID   | 360 | 2100 91.5 KIDN TX Palestine, "Sunshine Radio", g, 24 hr                                 |      |
| 5/15 tr   |     | 2101 90.7 KLSA LA Alexandria, c   |      |
| 0619 106.7 TX KDIL San Antonio,"The Armadillo", k   | 255 | 2127 97.1 KMMY OK Muskogee, ads, k  |      |
| 0622 99.3 TX KVEZ Lufkin, oldies  | 415 | 2156 94.3 KZSP TX Port Isabel, ID,a/c mx  |      |
| 0626 100.5 TX KBDR Laredo, B-100  | 165 | 2320 92.5 KZPS TX Dallas, r, ID   | 475  |
| 0629 104.7 TX KKYS Bryan, "Mix 104.7", a/c.   |     | 6/2 tr  |      |
| r   | 325 | 0556 89.3 KSEB TX Houston   | 300  |
| 0849 105.5 TX KCGR Portland, "CD Country", ads, ment of Corpus Christi  | 145 | 0600 88.5 KBOM TX Mesquite, ID,psa's  | 450  |
| 0851 106.3 KPUN TX Gonzales, k, ID  | 260 | 0609 90.7 KSLA LA Alexandria,NPR  | 450  |
| 0845 107.7 KNMC TX Georgetown, Euro style rock-alternative r,"K-nack"   |     | 0612 90.9 KCBI TX Dallas, g   | 475  |
| 0858 104.3 KPLE TX Temple, k, ads   | 360 | 0623 95.9 KOKL TX Malakoff,k  | 422  |
| 0901 96.3 KSCS TX Fort Worth, k   | 475 | 0632 99.3 KVEZ TX Lufkin  | 390  |
| 0902 96.7 KHFI TX Georgetown, a/c r   | 325 | 0636 104.3 KPLE TX Temple, wx, ads  | 340  |
| 0903 97.1 KRKT TX Cleveland, c  | 345 | 0638 106.1 KYKS TX Denton, ads, Kiss FM   | 480  |
| 0908 98.1 KVEI TX Austin, k, "K-vet"  | 305 | 1843 100.7 WJLQ FL Pensacola, "Magic 100.7", lite soul                                  | 665  |
| 0908 98.3 KULM TX Columbus, k, ads  | 275 | 1851 96.3 WJDX MS Jackson, wx,Mix 96  | 585  |
| 0911 102.3 KPEZ TX Austin, 2102   | 305 | 1852 99.7 WJMI MS Jackson, soul   | 585  |
| 0912 103.5 KEYS TX San Marcos, a/c mx   | 275 | 1856 104.7 WZZK AL Birmingham, ads, k, ID   | 785  |
| 0917 93.5 KBHT TX Crockett, "The music 400 Mix", a/c mx   | 400 | 1908 92.3 KCKW LA Laplace, ID, "Getting the Led Out, 92.3 KCKW", featuring Led Zeppelin |      |
| 2241 98.7 KICR LA Oakdale, ads  | 500 | 1913 105.1 WKBJ MS Kosciusko, K105,ads,k  | 675  |
| 2249 104.5 KMMY TX Orange, oldies   | 360 | 1920 89.3 KSEB TX Houston, g  | 285  |
| 2317 90.1 KPPT TX Houston, black activist program   | 300 | 1922 89.9 WMAB MS State College, c, wx  | 720  |
| 5/17 tr   |     | 1934 93.1 KQID LA Alexandria, r,"92-QID"450   |      |
| 0558 106.5 KOOI TX Jackson ID, ABC mx,m   | 450 | 1948 94.9 WKSJ AL Mobile, ID, ads, k  | 645  |
| 0602 106.7 KYOT TX Granbury, EL   | 460 | 1954 95.1 KYRR TX Beaumont, k, "Kicker"   | 335  |
| 0605 107.3 KISX TX Whitehouse, "East TX New Mix-107.3", a/c mx  | 465 | 2010 88.1 WUWF FL Pensacola   | 665  |
| 0608 106.1 KYXS TX Dallas, r, "Kiss Mobile Traffic Report"  | 475 | 2024 98.7 KICR LA Oakdale, k, ID  | 2100 |
| 0610 107.7 KTBQ TX Nacadoches, ads, psa,435 "the moldy oldie coming up", a/c mx                                       |     | 2029 99.3 WEEZ MS Heidelberg, g,ads   | 630  |
| 0614 105.5 KQTX TX Portland,"KQTX Sounds Like Texas-CD Country", new calls? k   | 140 | 2034 97.3 KMDL LA Kaplan, ads, ID, k  | 420  |
| 0624 104.5 KKDA TX Dallas, lite soul  | 475 | 2040 94.7 KATG TX Austin,"Froggie 94", "Austin's Oldies Station"                        | 290  |
| 0715 104.3 KPLE TX Temple,wx, k   | 360 | 2053 99.1 KODA TX Houston,Sunny 99.1  | 285  |
| 1718 103.3 KJCS TX Nacadoches,wx, k   | 435 | 2053 100.1 KRVV LA Bastrop, heavy metal   | 555  |
| 0725 102.5 KJNE TX Hillsboro, ID, k   | 435 | 2254 89.7 KTXB TX Beaumont, ID  | 335  |
| 0736 100.1 KRVV LA Bastrop, "100FM, the River", r   | 590 | 2257 91.5 KGRM LA Grambling, ID lite soul   | 510  |
| 0737 99.7 WJMI MS Jackson, s  | 630 | 2259 91.3 KNCT TX Killeen, c  | 340  |
| 0745 92.7 KIVY TX Crocket,k,Paul Harvey   | 400 | 6/3 tr  |      |
| 0747 92.7 WQCK LA Clinton, g,"Q-92.7"   | 535 | 0627 104.5 KKDA TX Dallas, K-104,mx   | 450  |
| 0750 93.1 KPLE TX Tyler, ads, ID  | 470 | 0632 104.3 KPLE TX Temple, k, ID  | 340  |
| 5/31 tr   |     | 0636 102.5 KJNE TX Hillsboro, k   | 400  |
| 0759 101.3 XHAW NL Monterrey,SP traffic 175 rpt,"cada hora a la aora",w/helicopter noise in background,"A-W FM 101.3" | 175 | 0636 102.9 WMSI MS Jackson, nx  | 585  |
| 0812 103.7 XHITS NL Monterrey, "Rock FM", Latin American Mex rock mx  | 175 | 0648 99.5 KISS TX San Antonio, ads, over245 local KKPS, Kiss slogan, ment of S.Antonio  |      |
| 6/1 tr  |     | 0650 98.7 KLVV TX Dallas, oldies  | 450  |
| 0546 89.3 KNON TX Dallas, black g   | 475 | 0654 95.9 WKON AL Greenville, ads, ment. of "Greenville Mall, "the Kuzz", k             |      |
| 0549 90.5 KUT TX Austin,wx, ID, world nx  | 300 | 0710 94.3 KRVL TX Kerrville, ads, psa's   | 260  |
| 0551 91.3 KNCT TX Killeen m   | 360 | 0754 106.5 KOOI TX Jacksonville, m  | 420  |
| 0556 96.3 KSCS TX Dallas, k, ads  | 475 | 2058 107.7 KTBQ TX Nacadoches, ads, wx,Q107   |      |
| 0607 102.7 KFOQ TX Abilene TX,"West 102",k  |     | 2100 106.3 KPSS TX Falfurias, ID, tejano-ranchera mx                                    | 98   |
| 0729 106.7 KDIL TX San Antonio, k   |     | 2148 89.3 KSEB TX Houston, g  | 285  |
| 1852 106.1 KPTX Brennam-Bryan-College Station, k, ID  |     | 2150 88.1 KNIV TX Denton, jazz hour   |      |
| 1910 91.3 KPVV TX Prairie View,psa,urb soul   |     | 6/4 tr  |      |
| cont..  |     | 0325 101.1 KONO TX Fredericksburg, oldies   | 30   |
|   |     | 0326 101.1 WRR TX Dallas, c,mixing with KONO  |      |
|   |     | 0339 106.5 KOOZ TX Jacksonville, m  | 420  |
|   |     | 0343 104.7 KYVI TX Burkburnet k   | 540  |
|   |     | 0349 103.9 KCRM TX Cameron,ads,"Spirit 103.9"   |      |
|   |     | 0357 97.9 KLRX TX Dallas, ads, EZ,Light 97.9  |      |
|   |     | 0400 100.1 KRVV LA Bastrop, ID,100FM,the Riv.   |      |

## SOUTHERN FM DX

Wisblood, cont.

JULY 1993

|  |     |  |      |
|--|-----|--|------|
| 6/4 tr   |     |  |      |
| 0402 105.7 KYKX TX Longview, k, ID                       | 458 | 6/6 tr   |      |
| 0405 107.7 XNMM NL Monterrey, "Stereo 7", ID             | 175 | 0047 100.7 WIGE LA Baton Rouge, r                                      | 465  |
| 0645 102.3 XHMW Nuevo Laredo, lite Mexican Latin, a/c mx |     | 0050 98.1 WGGZ LA Baton Rouge  | 465  |
| 0645 99.3 XHNK Nuevo Laredo,Mexican Salsa                |     | 0858 90.7 KLSA LA Alexandria,NPR, ID,c                                 | 450  |
| 0645 97.1 KEGL TX Dallas, "The Eagle" 475                |     | 1159 91.3 KVLV TX Beaumont, ID   | 335  |
| 6/5 tr   |     |  |      |
| 0808 91.3 XHNOE Nuevo Laredo,Estereo 91                  |     | 5/23 tr  |      |
| 0816 106.1 WZTQ TX Laredo                                |     | 1508 KERA 90.1 TX Dallas, ID   | 970  |
| 6/6 tr   |     | 1521 KCBI? 90.9 TX Dallas, Baptisty g mx                               |      |
| 0047 100.7 WIGE LA Baton Rouge, r                        | 465 | 6/3 Tr, Es (from 0931 on)  |      |
| 0050 98.1 WGGZ LA Baton Rouge                            | 465 | 0744 KQID 93.1 LA Alexandria   | 705  |
| 0858 90.7 KLSA LA Alexandria,NPR, ID,c                   | 450 | 0748 KEGL 97.1 TX Fort Worth   | 970  |
| 1159 91.3 KVLV TX Beaumont, ID                           | 335 | 0750 KHFI 96.7 TX Georgetown, ID                                       | 995  |
|  |     | 0754 KYKX 98.3 TX Palestine  | 890  |
|  |     | 0802 KOOI 106.5 TX Jacksonville  | 870  |
|  |     | 0804 KRSR 106.3 TX Dallas, local talk                                  | 970  |
|  |     | 0810 KQAT 106.1 TX Denton, lcl traffic                                 | 970  |
|  |     | 0819 KIHF 88.7 TX Houston  | 860  |
|  |     | 0822 KERA 90.1 TX Dallas   | 970  |
|  |     | 0823 KCBT 90.9 TX Dallas, local tx, ID                                 | 970  |
|  |     | 0824 KVTI 91.7 TX Dallas   | 970  |
|  |     | 0835 KFCI 94.7 TX Luling   | 985  |
|  |     | 0838 KSCS 96.3 TX Fort Worth (FOLLOWING LOGGINGS E-SKIP)               | 970  |
|  |     | 0931 KNTU 88.1 TX Denton   | 925  |
|  |     | 0932 KETR 88.9 TX Commerce   | 925  |
|  |     | 0933 KMUV 89.1 KS Wichita, lcl wx, ID                                  | 1130 |
|  |     | 6/3 Es (continued)   |      |
|  |     | 0939 KRZK 93.5 OK Altus  | 1140 |
|  |     | 0940 KQLI 94.3 OK Lawton, local ads                                    | 1095 |
|  |     | 0944 KXXY 96.1 OK Oklahoma City  | 1060 |
|  |     | 0952 KBEZ 92.9 OK Tulsa  | 980  |
|  |     | 1004 KFXI 92.1 OK Marlow   | 1070 |
|  |     | 1015 Had to go...Sittel says I missed a lot!                           |      |
|  |     | 6/4 Tr   |      |
|  |     | 0452 WRHQ 105.3 GA Richmond Hill, ID                                   | 235  |
|  |     | 0453 WFXH 106.1 SC Hilton Head Island, lcl ad                          |      |
|  |     | 0454 WLOW 106.9 SC Bluffton  |      |
|  |     | 0455 WIJY 107.9 SC Hilton Head Island, lcl tx                          |      |
|  |     | 0456 WQDR 94.7 NC Raleigh + mast Savannah FMs solid                    | 520  |
|  |     | 6/7 Tr, Es   |      |
|  |     | 0754 WRKZ 92.7 GA Dublin, local ads                                    | 300  |
|  |     | 0755 WTYX 94.7 MS Jackson  | 600  |
|  |     | 0845 WQZY 95.9 GA Dublin, ID   | 300  |
|  |     | 0855 WZLI 106.1 GA Toccoa, ID as "Toccoa-Athens-Gainesville." area ads | 440  |
|  |     | 1226 KPAC 88.3 TX San Antonio, lcl tx                                  | 1025 |

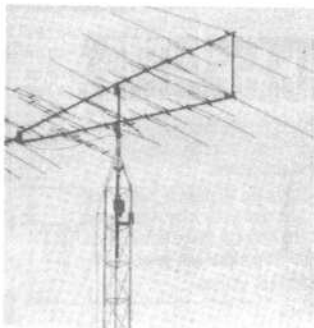
John F. Combs N4SFS, POB 721027, Orlando FL 32872

(904) 282-6945

|  |      |  |      |
|--|------|--|------|
| 5/23 Es  |      |  |      |
| 1508 KERA 90.1 TX Dallas, ID                             | 970  | 0939 KRZK 93.5 OK Altus  | 1140 |
| 1521 KCBI? 90.9 TX Dallas, Baptisty g mx                 |      | 0940 KQLI 94.3 OK Lawton, local ads                                    | 1095 |
| 6/3 Tr, Es (from 0931 on)                                |      | 0944 KXXY 96.1 OK Oklahoma City  | 1060 |
| 0744 KQID 93.1 LA Alexandria                             | 705  | 0952 KBEZ 92.9 OK Tulsa  | 980  |
| 0748 KEGL 97.1 TX Fort Worth                             | 970  | 1004 KFXI 92.1 OK Marlow   | 1070 |
| 0750 KHFI 96.7 TX Georgetown, ID                         | 995  | 1015 Had to go...Sittel says I missed a lot!                           |      |
| 0754 KYKX 98.3 TX Palestine                              | 890  | 6/4 Tr   |      |
| 0802 KOOI 106.5 TX Jacksonville                          | 870  | 0452 WRHQ 105.3 GA Richmond Hill, ID                                   | 235  |
| 0804 KRSR 106.3 TX Dallas, local talk                    | 970  | 0453 WFXH 106.1 SC Hilton Head Island, lcl ad                          |      |
| 0810 KQAT 106.1 TX Denton, lcl traffic                   | 970  | 0454 WLOW 106.9 SC Bluffton  |      |
| 0819 KIHF 88.7 TX Houston                                | 860  | 0455 WIJY 107.9 SC Hilton Head Island, lcl tx                          |      |
| 0822 KERA 90.1 TX Dallas                                 | 970  | 0456 WQDR 94.7 NC Raleigh + mast Savannah FMs solid                    | 520  |
| 0823 KCBT 90.9 TX Dallas, local tx, ID                   | 970  | 6/7 Tr, Es   |      |
| 0824 KVTI 91.7 TX Dallas                                 | 970  | 0754 WRKZ 92.7 GA Dublin, local ads                                    | 300  |
| 0835 KFCI 94.7 TX Luling                                 | 985  | 0755 WTYX 94.7 MS Jackson  | 600  |
| 0838 KSCS 96.3 TX Fort Worth (FOLLOWING LOGGINGS E-SKIP) | 970  | 0845 WQZY 95.9 GA Dublin, ID   | 300  |
| 0931 KNTU 88.1 TX Denton                                 | 925  | 0855 WZLI 106.1 GA Toccoa, ID as "Toccoa-Athens-Gainesville." area ads | 440  |
| 0932 KETR 88.9 TX Commerce                               | 925  | 1226 KPAC 88.3 TX San Antonio, lcl tx                                  | 1025 |
| 0933 KMUV 89.1 KS Wichita, lcl wx, ID                    | 1130 |  |      |

All broken-underlined loggings previously heard by Es. Parentheses on KTKS and WZLI are because I believe both have new calls. The former has a "Kiss-FM" non-ID, and Matt thinks the calls are now KTKS. The ID on the former WZLI sounded like "WOT" or similar.

June 3rd will certainly go down in my history books as one of my more unusual DX days. It started out with the first Gulf tropo opening ever noted in FL in June, and the best ever to the Dallas-Ft. Worth area. After a couple of hours of this tropo, E-skip suddenly made an appearance on lo-band TV and quickly rocketed into FM, resulting in my briefly having E-skip and tropo to the same area simultaneously -- a first for me in 20 years of DXing! Fortunately, the tropo was fading by the time the skip showed up, so I went by the common, characteristic differences between the two modes (and the apparent MUF) to figure what was heard by which mode. For example, KNTU and KETR exhibited the typical strong, fluttery Es signals while I was still hearing KEGL very weak and steady by tropo. Unreal. Log at 384.



SHOW US YOUR DX  
ANTENNA SYSTEM!

JUST TAKE A SNAPSHOT  
OF YOUR SET-UP AND SEND  
IT IN TO PHOTO-NEWS.

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

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  
JULY 1993 → DEADLINE: The 5th LOG-EUTOFF: 2 months from postmark

This year's skip season, at least as of mid-June, is a big disappointment. There has yet to be a major opening; the closest thing has been a decent opening the afternoon of June 3rd, which was caught by some DXers. There was some isolated FM E-skip on May 16th and the 31st. Overall, there have not even been very many openings reaching ch2 or 3, let alone into the FM. There have yet to be any widespread tropo outbreaks, although there were some openings in early May. If you have had any DX, why not let us know!

Michael Hawk (NØSY) - 10212 P ST - Omaha, NE 68127-2130

Equipment: Kenwood KT-815 w/150 filters; Antennacraft FM-10 up 30'; 20 dB variable attenuator

## May 1993 DX

3 Trs  
1924 102.5 **KHLS** KS Ft Riley, Sunny 102.5 140  
13 **Es** (1931-1937, MUF 92.1)  
1934 92.1 **WFEZ** FL Williston, weak 1121  
1936 88.1 **WHIU** FL Ocala, g 1145  
15 **Es**  
0803-0807, MUF 89.1; NO ID's  
16 **Es** (2002-2054, MUF 105.1)  
2004 92.1 **CJAY** AB Calgary, C-Jay 92 1099  
2006 93.7 **CKUA-1** AB Calgary 1099  
2008 95.9 **CHFM** AB Calgary, very strong 1099  
2011 99.3 **CKUA-2** AB Lethbridge, //93.7 1050  
2013 102.1 **CBR** AB Calgary, CBC 1099  
2016 103.9 **CBFR** AB Calgary, French 1099  
2019 105.1 **CKRY** AB Calgary, k 1099  
2022 90.5 **CBUF-2** BC Kelowna, FF 1282  
2026 91.3 **CKUA-13** AB Drumheller //99.3 1064  
2028 88.9 **CBTK** BC Kelowna, opera 1282  
2029 94.9 **CBTA** BC Trail, //88.9 1187  
2040 97.5 **CHRK** BC Kamloops, wx; "K-97" 1337  
2055 91.7 **CBBC** AB Lethbridge, \$ 1050

23 **Es** (off/on 0809-0854, MUF 102.1)  
0840 97.5 **KVNA** AZ Flagstaff, 1cl ads 943  
0845 99.1 **KNOT** AZ Prescott, now here 1007  
from 98.3  
0847 102.1 **KAHM** AZ Prescott, brief 1007  
0851 88.7 **KNAU** AZ Flagstaff, ID and wx 943  
27 **Tr**  
2157 92.7 **KBRB** NE Ainsworth, 1cl sports 217  
31 **Tr**  
1043 97.5 **KQSK** NE Chadron, Double Q 375  
Country  
31 **Es** (1035-1120, MUF 107.5)  
1044 97.5 **KNLR** OR Bend, New Life 97 1299  
1047 94.9 **KIOK** WA Richland, OK 95 1212  
1049 89.1 **KFAE** WA Richland, NW Pub. R. 1212  
1058 91.3 **KOAB** OR Bend, OR Pub Brdctg 1299  
1059 90.9 **KRMB** OR Pendleton, //91.3 1181  
ID partially covered by KUCV  
1108 94.9 **KFXD** ID Nampa, "The Legend, 1059  
KF-95"  
1109 107.5 **KLRR** OR Redmond, Clear 107 1293  
1112 97.9 **KQFC** ID Boise, legal ID 1042

Although there were a large number of E-skip openings, most were short-lived, not very intense (low MUF's) and to unpopulated areas. This pattern also exists on 10 meters. There were 4 more openings observed at 28 MHz this May than last. Tropo has been terrible. There have been about 3 or 4 openings into SD (300-400 miles), but nothing all that great. The weather is even cooler this year than last, and it has been very rainy, putting a damper on tropo. 73

## BILL NIENAJADLY - PO BOX 2999 - CLIFTON, NEW JERSEY 07015

Equipment: Pioneer TX9800 modified with RS 6 element antenna, KP20K- new call for me

### MAY 1993 DX

1 **Tr**  
0830 **WRSP** 105.7 NC Columbia, new country format now 360  
0900 **WYCKL** 104.1 NC Kill Devil Hills, strong as hell! 340  
23 **GW/Trs**  
0030 Phone call from Joe Pels: many NYC's off!  
0040+ **WWSH** 97.9 PA Hazleton 100  
**WJBR** 99.5 DE Wilmington 105

### MAY 23rd continued

0042 **WONI** 98.5 NJ Ocean Acres, they are parallel to WJLK 94.3 NJ 95  
**WWLI** 105.1 RI Providence, first time they have been heard since 1983. 150  
0112 **YSKR** 102.7 NJ Petersburg, sports 125  
0116 **(WPLY)** 100.3 PA Media, Philadelphia's Y100-lazme! 95  
0124 **WICV** 105.1 PA Ephrata, long wanted 140  
0130 many other stuff heard already, unneeded needed stuff was not heard.

Comments: Some e-skip on TV, nothing on FM yet. Took advantage of E-skip on 10 meters instead of stering at "lines on channel 2", made some 10m contacts to NC & SC-neat! I received my new Advanced Class call: KP20K, a lot easier than NØQJ (Congratulations, Bill!-gr). On the average, have been much more into ham radio than TV or FM DXing. No blockbuster springtime tropo like last year. Let's hope.....for.....a decent e-skip season. Good thing, Bill N.

## NORTHERN FM DX

JUNE 1993

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

Equipment: McIntosh MR-78 FM Tuner with two GM 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.

### February 1993 (EST)

12 **GW**  
1200 **WXTZ** 93.9 IN Noblesville-Indy, 45  
(first day on air) s/on, b, m, ez r\$  
25 **tr**  
1906 **WFVI** 92.3 IN Fort Wayne, r\$ 62  
(testing ID w/r and Christmas music in \$)  
March 1993  
1 **MS**  
0100 **KKRP** 93.5 LA Delhi, 634  
"...93.5 FM Delhi..."  
0111 **WKRY** 93.5 FL Key West, 1100  
"...in the keys..."  
4 **tr**  
2300 **WBAA** 101.3 IN West Lafayette, c\$ 83  
(o/WFMG 101.3 IN Richmond)  
8 **tr**  
1800 **WJLY** 93.3 IL Ramsey, weak ID 211  
(o/WBTU 93.3 IN Kendallville)  
14 **MS**  
0224 **KBHT** 93.5 TX Crockett, 834  
"...beat hits..."  
15 **MS**  
0044 **WARQ** 93.5 SC Columbia, 489  
"...WAR..."  
23 **tr**  
0158 **WIIZ** 98.7 IN Battle Ground- 83  
"The Wizard" Lafayette, o\$  
25 **tr**  
1454 **WIFF** 102.3 IN Auburn-Fort Wayne, 83  
ex-103.5 k\$, "Country-102"

### March 1993 (Cont'd)

27 **tr**  
0100 **WCZY** 104.3 MI Mount Pleasant, 237  
b\$, "Cozy-FM"  
0300 **WMPG** 97.5 MI Whitehall- 228  
Muskegon-Grand Haven, k\$, "97-Frog"  
0306 **WKBZ** 95.3 MI Whitehall- 228  
"KBZ"  
1700 **WCSE** 97.5 MI Bridgman- 137  
"Cozy-98" Stevensville, ar\$  
28 **tr**  
0529 **WUBU** 106.3 IN South Bend, weak 113  
(o/WDJB 106.3 IN Columbia City)  
April 1993 (CDT)  
4 **tr**  
0255 **WTLN** 96.1 IL Rantoul- 146  
Champaign-Urbana, r\$, "Eagle-96.1"  
(o/WQLK 96.1 IN Richmond) 35  
7 **tr**  
0000 **WVDZ** 94.9 IL Danville, pr\$ 118  
11 **tr**  
0104 **WFHB** 91.3 IN Bloomington, 93  
pr\$ (IN #200)  
22 **MS**  
7777 **WWNO** 89.9 LA New Orleans, 755  
"...at 89.9 FM WWNO..."  
May 1993  
11 **tr**  
0400 **WFDE** 93.1 IL Decatur, k\$, 221  
(o/WKLR 93.1 IN Indy "D-93"  
12 **tr**  
2146 **WJEX** 93.7 IL Pontiac, 177  
ex-103.1 r\$  
(o/WQKC 93.7 IN Seymour) 88

## Can Spokane Public Radio rely on you for membership support?

"Ecstasy" is back in Indianapolis, but it's not like the original WXTZ. This station alternates between b instrumentals, m vocals, and ez rock vocals. WMRI in Marion, IN on 106.9 (and those simulcasting), is similar. There is no exclusive b station in IN that I can think of. Those days are gone, so it seems. WFVI 92.3 in Fort Wayne is r, not k, as someone reported.

While driving in Indianapolis, I discovered WBAA 101.3 West Lafayette, IN on the air. WBAA was fighting with 101.3 WFMG Richmond, IN. When I arrived home, I could easily receive WBAA with phase. WBAA broadcasts from 0600-0000. WIIZ 98.7 Battle Ground-Lafayette is a good station and on the air 24 hours each day.

I didn't think South Bend was on the air, but to my surprise I taped "Mix-106 WUBU." The signal was very weak and soon gone. Another station with a very poor signal is WFHB 91.3 Bloomington, IN. This station is on from 1400-0200. 73- Ralph





DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11a tuner, Channel Master Stereo Probe 9 at 36 feet AGL on crankup tower, (826 feet ASL). Alliance HD-73 rotor and RG-11 coax.  
New loggings are underlined. New call (KXXX). New propagation mode WWWW.

## MAY 1993 DX

12 tropo  
09:44 WBUK 107.5 OH Fort Shawnee, "The Big Buck", OS 327

## MAY 1993 DX

15 tropo  
21:00 WZXY 99.7 NY Palmyra, ID, GS new to air 60

Not much going on other than another new station coming on in Central New York. Dave

## DAVE NIEMAN - HO STA GEH - ROAD-ROCK CITY, NEW YORK

Equipment: Carver TX-11 tuner IF filter modified. Antennacraft FM-10, at 25 feet AGL, (2415 feet ASL), Winegard FT-7600 variable FM trap for 95.7 MHz, RG-6 coax and Radio Shack rotor.  
New loggings are underlined. New call (KXXX). New propagation mode WWWW.

## MAY 1993 DX

8 tropo & Meteorscatter  
03:00 WCOU 88.3 NY Warsaw, ID, GS over open carrier of 58  
04:00 CHUO 89.1 ON Ottawa, lcl references on phone in talk show, S lcl WCID Friendship NY temporarily off air 274  
04:29 WMXD 92.3 MI Detroit, "Mix 92.3", srs semi lcl WRRN Warren PA off air for the night 235  
10:00 WUOT 91.9 TN Knoxville, ID, S 508  
9 tropo  
07:44 WLTJ 92.9 PA Pittsburgh, "Lite FM 92.9", rms, over semi lcl WBUF Buffalo NY 132  
15 tropo & scatter  
14:12 WZXY 99.7 NY Palmyra, call, GS new to air 94  
17:41 WKPK 106.7 MI Gaylord, "106.7 The Peak", S 382  
22 tropo & Meteorscatter  
02:43 WESA 98.3 PA Charleroi, call, rms lcl WQRT Salamanca NY off for the night 151  
10:18 KAXE 91.7 MN Grand Rapids, call, S 686

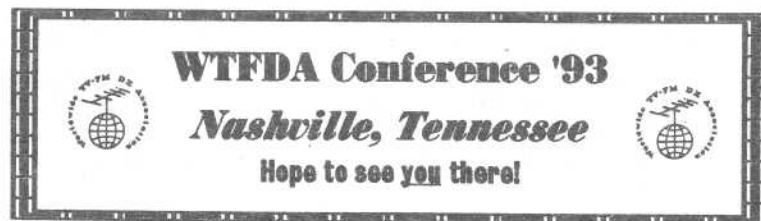


EMPORIUM BROADCASTING CO.  
P.O. BOX 310  
EMPORIUM, PA 15834

Added a few new stations and states (Tennessee & Minnesota) to the log this past month. I have been having good luck in catching some meteorscatter IDs during the slow tropo periods of the day.  
I made a phone call to WBFO 88.7 Buffalo which solved the mystery; where's the transmitter site for little sister station WOLN 91.3 Olean, on WPIG's tower. Dave

## BRUCE ELVING - P.O. BOX 336 - ESKO, MINNESOTA 55733-0336

Here's my report for now. No skip, except for some UT heard around 8 p.m., CDT driving west of Duluth May 16. Earlier tropo I printed in my FMedial newsletter, which will include occasional DX news. On 8-9-92 at 8 a.m. WLLT 107.7 Polo, IL; 2-9-93 KPFX 107.9 Fargo ND, and on 3-8 when local WSCN was off the air, KXAC 100.5 St. James, MN, co-owned with KXAX 104.9 there. I am working on a new FM Atlas, as the current edition will be sold out by the time this gets to print. No promise as to when the new edition will be ready. (Looking forward to that Bruce, as I am sure many are! In answer to your questions, WEKX 102.7 TN was in stereo. I am not positive but fairly certain that WYGO 99.5 was also stereo. They do not stand out in my mind as being mono-gc).



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

Equipment: JVC auto-radio. Phone: (716) 461-2717 (h), (716) 494-1847 (Tu and Th)

## APRIL 1993 DX

15 (New Canaan, CT)

As a special treat I had a chance to do some DXing for about 2 hours in New Canaan, CT, where I first discovered FM DX around 1971. The band is of course much more crowded now, and there have been lots of call changes, but I did manage to hear Star 104.5 Philadelphia on the Sunbird rental car radio.

16 Tr

1532 WALKt 97.5 NY Patchogue, likely them with WA?K calls in mess

22 Tr

1414 WBBG 93.3 OH Youngstown, popped in over WWSE with "Oldies 93"1702 WKMZ 97.5 WV Martinsburg, caught portn of multi-city ID "also serving Hagerstown-Winchester" many bursts during this time over WCIZ, STATE 221703 WALKt 97.5 NY Patchogue, possibly them with "Walk's five o'clock gold"

## MAY 1993 DX

11 Tr

1145 WJCHt 91.9 IL Joliet, possibly them with burst of Family Radio program. Prev. heard

13 GW

1600 WZXY 99.7 NY Palmyra, noted for first time with "Jesus Radio" programming

14 MS

0930 WCOS 97.5 SC Columbia, Quick :30 ID burst "WCO...", not sure who else it could be STATE 23 if so.

15 GW

2045 WZOS 96.7 NY Orwego, had a chance to do some DX on Lake Ontario shore, finally got this one

## May 25 Tr

1005 WEFRt 88.1 PA Erie, unIDed station with relig. program under WFRW // 89.5 Family Life Net. which was weak under CIUT. (Who is Family Life net on 89.5? WEFR has always been // to WFR when I have heard them-gc) JUNE 1993 DX

3 Fr (1243-1330 MUF 104.2)

1243 KLTNT 93.3 TX Fort Arthur, Spanish station (Jim, this is probably what that was-gc) 13851247 KRVVt 100.1 LA Bastrop, promo for a music event at the Monroe Civic Center 10591259 WOUE 93.3 LA New Orleans, "Q-Q-Q-Q FM" ID. They might have been the one with Paul Harvey just before (hate to disappoint you, Jim, but I IDed that one: it was KPLV-TX. Hope you didn't need it-gc). STATE 24. 11451304 KAFX 95.5 TX Diboll, "K-Fox East Texas" New STATE 25! 12561307 KFGI 94.7 TX Luling, with "The best and most oldies ('ribbit'), Froggy 94, digital 94.7" 14521318 KWTX 97.5 TX Waco, "97.5 FM", non-IDs and ads for the Waco area 13221323 KNFO 95.5 TX Waco, with k, K95 1322

1452 (WHEN) 107.9 NY Syracuse, new call and ID "New, hot country WHEN" 73

WZEX  
EASY 93 FM

98  
WZEX

Werner Fukenhauer of Guelph, Ontario told me that there was visible aurora on May 9th, much later than usual. Finally some e-skip on June 3, with nothing noted during May (It was certainly a very poor May-gc). No tropo to speak of either. The limited number of open channels in Rochester is very frustrating. I'm sure that others heard much more than this (not that much more, hi-gc), but I'm happy to exceed my previous Es distance of 1307 miles (Key West FL) with KFGI 94.7, and get LA and TX for 2 new states, and to pass the 300 station mark. (Note: This is a consolidation of two reports, the first of which must have gotten lost on its way here. That happens from time to time, so if you do not see your report appear in the month it should have, perhaps it got lost, and I would be happy to put it in a later Northern FM column sometime-gc)

## KEN ONYSCHUK - 3623 UNION AVE #4 - STEGER, ILLINOIS 60475

Equipment: GE Superadio 2885F



A few items to report from my old Homewood address. DX on March 26: 1st time heard for these, 93.3 WAOR Niles, MI with ID at 5:35pm; 95.7 WLRX Nappanee, with Star 96 promo's 5:50 to 6 p.m., in and out with WZTR Milwaukee. 96.1 WKEZ Holland, Mich with ezl/mor music at 5:59 p.m., ID. 96.5 WKLH Milwaukee, with ID at 6:01pm. 96.9 WYEZ Bremen, Indiana, with ezl music (ex Elkhart, Ind. calls) at 6:05pm, 97.5 WCSE Bridgeman, Mich, at 6:12p.m with Cozy-Fm non-ID. 97.7 WZOW Goshen, Ind. with ID at 7:51 p.m., 98.1 WDFM Defiance, Ohio, with ID at 8 pm, 100.1 WGLC Mendota, Ill. with ID and weather at 8:25 pm, 101.3 WCUZ Grand Rapids with ID at 8:35 pm. 102.5 WIOG Bay City, Michigan with pop music and ID at 8:40 p.m. That was pleasant DXing, filling up a few open frequencies in my log. Anyway, hope to see many of you in Nashville. Good DX.

**STATION NEWS:** In Minneapolis, 100.3 is religious no more; that frequency is now occupied by the ever popular country music format, as WBOB, "Bob 100". Farther to the south, KKYS 104.7 Bryan, Tex. is now using "Mix 104.7". WFMJ 106.5 Bay Minette, Alabama is now on that frequency, and it gets out well. They use the slogan "The All New Lite Mix 106" and have an a/c format. Some news from Canada: The vacant 97.5 London spot has been awarded to CIQM 103.1. They will move there and become "Q 97.5", reportedly with 100kW. It will surely be widely heard. There is speculation that the old 103.1 spot could go to CHLO-1570 St.Thomas. CKDK (102.3) Woodstock, Ont. is to move to 103.9 later this year, and a substantial power increase to 65 kW. CKMP 1230 in Midland, Ont. will be moving to the FM dial, 104.1 to be specific, but with only 129 watts. It has been reported that CIRV 88.9 Toronto had moved frequencies to 88.9, that is true, but there is also a power increase involved, to 413w, and a downtown transmitter location. Cornwall, Ont. will be getting a French language FM station, on 92.1, with a power of 19.2 kW. CHYR in Leamington is to go to 96.7 Mhz, with a power of 19.3 kW (Seems awfully short spaced to the powerful CHYM). Back in the U.S., 95.5 in the Salt Lake City area is no longer top 40, now they are country gospel music. Two major changes in Boston: 96.9 is now WBCS, and country, following the lead of WCLB 105.7. In addition, 94.5 is now WJMJ, and dance music, with the slogan "Jammin' 94.5". In Dyersburg, Tenn., WKNO 90.7 is on the air, as a relay of WKN) 91.1 Memphis, also Columbus, Miss. 94.9 is now on the air. WAQZ 107.1 Milford-Cincinnati joins the growing rank of modern rock stations, with the slogan "Channel Z". Another growing format is country, which adds 93.3 in Quincy, Florida. In Washington, DC, 100.3 has changed from WJZE to WBIG, and 50s and 60s oldies. WCXL 104.1 Kill Devil Hills, NC is on the air, reportedly with a very strong signal, and a lite a/c format. Two Indiana stations noted on the air are WFVI 92.3 Fort Wayne, and WXTZ 93.9 Noblesville-Indianapolis. 107.9 in Beaumont, Texas is finally back on the air, with the calls KX, and a Tejano format. Signing on with that same format is KUKA 105.9 San Diego, TX. 104.7 in Fulton-Syracuse, NY now has the calls WBBS ("B104.7", country). WIYQ 99.1 Ebensburg, Pa. has changed calls to WQKK, and it is now relaying album rock WQWK University Park, Pa. as "The Quick Rock Network". In another call change, WKHI 99.9 Ocean City, Maryland is now WWFG. 92.1 St.John's-Lansing, Mich. is now WWDX, "The Edge", and modern rock music. WFXO 104.9 Iuka, MS goes country. WKJA 92.1 in Bellhaven, NC is on the air now, paralleling WKOO 98.7 (oldies). WMXF 96.5 in Southeast North Carolina has gone oldies. 93.5 in Naples, Fla. is now WNOG and a news/ talk format. KBUZ 90.3 in Topeka, KS is on the air, with a contemporary Christian format. WTUS 102.7 Mannington, WV is on the air, with country music. Same state, same format for another new station: WVRC 104.7 Spencer. WXIE 92.1 in Oakland, Md. has switched to a classic rock format. In the Hampton Roads area, 93.7 WKOC now plays modern rock at nights. Algoma, Wisconsin has moved from 96.5 to 96.7. WEZR 107.5 Brillian, Wisc. is on with easy listening music. WAYS 99.1 Macon, Ga. is now using an "Oldies 99.1" slogan. WDBN 107.5 in GA is "Mix 107.5" and a/c. More Georgia news: WY8C 95.3 McRae is country, as is WQZY 95.9 Dublin, soon to be 100 kW. Their slogan is "Y96". 90.9 Ft.Gaines is on, as WUWV, and an affiliate of Peach State Public Radio. WKUB 105.1 Blackshear is satellite country, but a slogan of "Hometown Country". WKIG 106.3 Glenville is a/c (\$) and uses "K106". WXMK 105.9 Dock Junction (Brunswick area) is on as "Magic 105.9" and a top 40 format. WMOG 92.7 St. Simon's Island is a/c with an "Island 93" slogan, and WQQT 103.9 Springfield was heard with oldies music. And now some station news from the Carolinas: If you hear a "Touch 93 and Touch 103.9", that is WKWQ 93.1 Batesburg, SC, and WKSO 103.9 Orangeburg. WHSC 98.5 Hartsville, SC is now "Hometown Country". WNMX 106.3 Newberry-Columbia is a urban-top 40 format, and "Hot Mix 106". WFSS Fayetteville, NC has moved to 91.9. In another move, WAHD Wilson, NC is now on 99.9, with dance music, and ethnic programs on weekends, and lousy audio! WIOZ Southern Pines, NC has also moved, to 106.9, and how has a large coverage area. WONO Walterboro, SC, is now on 93.7, country (\$), and gets out well. WQKI 93.9 St.Matthews is urban (\$), and "93.9 QKI". Thanks to Mark Strickert, George Greene, Bruce Hall, Doug Smith, Matt Sittel, Dave Nieman, Ralph Strobel, Paul Mount, Bob Smolarek, Saul Chernos, and Bill Nienajadly, for providing station information.

**BRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2**

Equipment: JVC JR-S201 receiver (IF mod with 3/110 kHz filters), Magnum Dynalab Steuth 205 amp, Probe 9 led with RG6 at 50 feet AGL, Crown rotor. Distances are in km's

**APRIL 1993 DX**

**29 Tr**  
0753 WKFM 104.7 NY Fulton, k, B104.7 WKFM Fulton-Syracuse, hit alter hit, Today's Hot New Country", ex KX FM, and new format (Now they are WBBS-gc) 314

**30 Tr**  
0750 WAPS 89.1 OH Akron, pj, "367-1117, Make the call, it's 750 and the Akron Weather" 248

**MAY 1993 DX**

**6 GW TrS Tr**  
0725 CHNX 101.7 ON Wingham, r "On the Maximum CHNX FM 102", Maximum new slogan 119  
0817 WBCH 100.1 MI Hastings, rm, promo, calls 411  
0828 WRJS 98.5 PA Oil City, k, The Country King 198  
0847 WONE 97.5 OK Akron, r, 97 Rock after Harry Chaplin's WOLDDD, 97.5 WONE 248  
0855 WRRK 96.9 PA Braddock, Rock 97, Time For Rocn & Roll, WRRK Braddock-Pittsburgh 302

**11 Tr-TrS**

0619 WKYE 95.5 PA Johnstown, r, Key 95, "Strap your-self in lightly, this is no place for a wimp" 330  
0642 WQMX 94.9 OH Medina, k, FM 94.9 "Akron's Hot Country FM", format change 248  
0703 WPHD 94.7 PA Tioga, op, simulcasting WKGB 92.5 Susquehanna PABinghamton NY 291

**13 GW TrS**

0703 WNUC 107.7 NY Wetherfield, calls, country ex: WBMW and WEZQ 174  
0722 (WMMX) 107.7 OH Dayton, new format 320

**14 TrS**

1200 WHVT 90.5 OH Clyde, "WHVT Clyde, this is BNN news, fm Hank Ferry" 300

**16 TrS**

0923 WQBE 97.5 WV Charleston, k, Q97, It's called Heaven, it's an acapella song on 97.5 WQBE" 542

**17 Tr/GW**

0629 WOLN 91.3 NY Olean, jc, "Morning Edition on WBFO & WOLN is made possible by the Buffalo News" 190  
0700 CIRV 88.9 ON Toronto, e\$, Serve-FM "This is 88.9 Serve FM Toronto's Multicultural Super mix", Into Broadcast news, was on 88.7 94

**19 Tr/TrS**

0732 WZKV 99.7 NY Palmyra, g, Jesus 99.7, "Write to us at WZKV 1777 Route 332, Palmyra, NY 14425" 248  
0714 WKLT 97.5 MI Kalkaska, r, Double Rock KLT 432

**20 TrS**

0759 WKYS 83.9 DC Washington, rs, "We have 51" at National Airport, fm John Irving, now 759 and you're up to date at 93.9 WKYS Washington" 543

**May 24 TrS-Tr**

0700 WRRR 83.9 WV SLMary's, r, 93R, "This is 93R, WRRR SLMary's, WMMR-FM New Martinsville, and WZ28AB" (Hannibal, Ohio?) 422  
1528 WBBG 83.3 OH Youngstown, o, Oldies 83 "Our call letters are WBBG which stand for We Bring Best Goldies" 228  
1955 WLEF 96.7 PA Mercer, g, religious music, dats ex: WKTX, op, CHYM Kilchener, off, high winds 209

**25 TrS**

0734 WRLF 94.3 WV Fairmont, op, 94 Rock 404  
0753 WKFM 104.7 NY Fulton, k, B104.7 WKFM Fulton-

**28 Tr**

0612 WFCB 94.3 OH Chillicothe, r, B94, local ad 477  
0637 WKBI 94.3 PA SLMary's, r\$, The Wizard 455  
0700 WYQY 99.1 PA Ebensburg, r\$, Quick Rock is WQWK University Park, WYQY Ebersburg, the new non stop rock & roll station for Johnstown, State College, and Altoona, new non ID // WQWK 97.1 320

**29 TrS**

0601 WOUU 89.1 OH Ironton, cj, Ohio University Public Radio, mentioned 50,000 watts 549  
0900 WKQW 96.3 PA Oil City, o, "Good Times & Great Oldies 96 KQW-FM WKQW, WKQW-FM Oil City" 183

**31 Tr**

1040 WTWR 98.3 MI Monroe, "98.3 Tower 98 giving you the best hits, giving you the most music and you don't even have to lift a finger, keep it locked in to 98, 98, 98.3" 288



Too many relogs! Where's the spring super trop? Where's the skip? Must have jinxed annual Memorial Day weekend skip by holding a pre-Nashville warm up mini-convention in Brantford. Conventioneers Greg Coniglio, George Greene, and Saul Chernos made the Grand Riverfest, but Mr. Skip could only stay for a minute or two. He crashed the riverfest festival with his friends WPBT ch2 Miami, KPRC ch2 Houston, and KBTS ch3 Shreveport, and also brought along with him Gretzky's renegades who destroyed my beloved Toronto Maple Leafs!!! No FM skip ID's as of Memorial Day morning. Mr. Skip will likely reappear later today when I'm at work and Greg and company are on their Toronto sticker raid. Thanks for the party guys, see you in Nashville. PS. You can take all the souvenirs back to the good old U.S.A. if you want, but keep your hands off the Stanley Cup, cause the Montreal Canadiens are keeping it on this side of the border this year!!! (Well, as I am typing is, the Canadiens fulfilled your prediction, Bruce. I hope to see many of you in Nashville as well-gc) 73 dB

**NORTHERN FM DX**

**JULY 1993**

JOHN EBELING - 9209 VINCENT AVE SO. - BLOOMINGTON, MINNESOTA 55431

**FROM BLOOMINGTON, MN (CST used)**

**JANUARY 1993 DX**

12 Tr  
2300 **KDNW** 97.3 MN Duluth, ex 90.5; 40 kW

19 Tr  
2307 **KXAC** 100.5 MN St. James

**FEBRUARY 1993 DX**

18 Tr  
0800 **KSNR** 100.3 MN Thief River Falls

18 Tr  
2315 **WQJY** 100.1 WI West Salem

2330 **WRHN** 100.3 WI Rhinelander

WCTS 100.3 off for these, will become WBOB

**MARCH 4 Tr**

2200 **KCFE** 105.7 MN Eden Prairie, new, Cafe-FM

**MAY 13 Tr**

1900 **K220CG** 91.9 ID Salmon (KBSU xtr, KBSU ID, KBSU is on 90.3)

1900 **KBSM** 91.7 ID McCall, same as KBSU

**PROFIT, MN LOCATION (CST used again)**

**JANUARY 1993 DX**

3 Tr  
1700 **KDNW** 97.3 MN Duluth, ex 90.5 29

1730 **WQPM** 106.1 MN Princeton, ex 106.3 109

1800 **WNCV** 89.3 MN Duluth, ex 89.1 29

10 Tr  
1122 **WLDY** 93.1 WI Ladysmith 126

**MARCH 1993 DX**

26 Tr  
1320 **KCFE** 105.7 MN Eden Prairie

1700 **WZBK** 93.5 MI Hancock 190

2245 **WLIH** 96.7 WI Ashland 87

27 Tr  
1935 **WAAH** 102.3 MI Houghton 191

**APRIL 1993 DX**

2 Tr  
1600 **W296AV** 107.1 MN Duluth, translator for WCDK 99.9, a powerhouse 29

4 Au  
2315 **KWVG** 93.5 NE Columbus 452

6 Tr  
2030 **KPEX** 107.9 ND Fargo 198

**MAY 1993 DX**

2 Tr  
1700 **K234AA** 94.7 MN Bemidji, KAXE 91.7 xtr 111

2150 **K272CF** 102.3 MN New York Mills, translator for KJKK 96.5

3 Tr  
0815 **KXAC** 100.5 MN St. James 230

8 MS  
0947 **KGCH** 93.1 MT Sidney

10 Tr - local WSCD 92.9 off the air

0933 **WECL** 92.9 WI Elk Mound 153

1000 **KFSI** 92.9 MN Rochester 205

1001 **WGNV** 88.5 WI Milladore 206

1050 **WMQA** 95.9 WI Minocqua 159

1056 **WDUX** 92.7 WI Waupaca 250

1100 **WMZK** 104.1 WI Merrill 188

1100 **WKBH** 105.5 WI Trempealeau 215



As you can see from the above, there were a few good tropo days which I was able to take advantage of. Also had a few days with some locals off & opened up the frequencies. Regards for now, John Ebeling

**ALAN R. MILLMAKER (KA9GUL) - 2714 LAKE ROAD - CENTRALIA, ILLINOIS 62801**

Equipment: Receiver: Lafayette 3030, Antenna: Winegard CH 6065 up 20 feet, 20 db amplifier set wide open

**MARCH 1993 DX**

27 Tr  
0229 **WEJT** 105.1 IL Decatur, oldies on weekends

0258 **WFLN** 95.5 IL Bethalto

**MAY 1993 DX**

28 Tr  
0651 **KYQQ** 106.5 KS Arkansas City, (noted FM Atlas says rock, when I heard them they were country (They have changed format to country-gc) KLTH 99.7 MO Kansas City, also heard

0054 **KMTU** 100.7 MO Carrollton (KGMO was off, KMTU must be new call, FM Atlas says KMZL, but tape says KMTU).



**WPLN-FM**

THE PUBLIC LIBRARY OF NASHVILLE AND DAVIDSON COUNTY  
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**STATION NEWS:** The following top 40 stations are now using the "best hits of the 80's and 90's" slogan: WNOK 104.7, WSSX 95.1, and WZAT 102.1. WSSX also uses "Adult Hits 95SX". In Elloroe, South Carolina, 100.3 is now WORG, and urban, with a "Hot 100.3" slogan. WWPB 94.3 in Marion, SC is now "Your Christian Country". Wilmington, NC on 97.3 has changed format again to urban and "The All New Coast 97". In that same area a 94.1 with classical music was heard, so perhaps New Bern has come on the air. Murrells Inlet, SC 94.5 was also heard on the air, as was a "Gator 107.9", with country, stereo, in the Myrtle Beach area. WBTV 105.5 Homerville, GA is now using the slogan "Y105". KDNW Duluth, MN has changed frequencies to 97.3. WQPM Princeton, MN has also moved, to 106.1. Another change in Duluth is WNCV, from 89.1 to 89.3. A new station on the air in Minnesota: KCFE 105.7 - Eden Prairie. Thanks to John Ebeling for tips, in addition to those listed in the previous section of "Station News".

**NORTHERN FM DX**

**JULY 1993**

**WELCOME NEW REPORTER!**



**RICHARD CONTONE - 162-07 87th ST. - JAMAICA, NEW YORK 11414**

Equipment: Radio Shack Optimus STA-795 digital tuner. Winegard TV-7000 with Archer amplifier.

**MAY 1993 DX**

15 GW  
2111 **WHUD** 100.7 NY Peekskill, lite rock 75

19 GW  
0039 **WRKI** 95.1 CT Brookfield, rock 195 66

23 GW  
0906 **WEZN** 99.9 CT Bridgeport, soft rock 52



WEZN verified my reception report with a QSL letter. Enclosed is a rare letterhead from them with a mailing address (Thank you for that logo, Richard-gc). Can't get anything on tropo further than the 75 miles, currently installing new RG-58 cable after antenna connection repair. I'm on the lookout. Lastly, about 50 locals under 20 miles tropo in stereo and mono. (Welcome to the column! Keep us informed about your antenna repairs, and hope to hear from you soon!-gc). Richard Contone

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

Equipment: Pioneer TX9100 tuner, modified with 1 150 and 3 180 khz filters. Stereo Probe 9 mounted at ~25' AGL, CAC11 and RG6 coax, Archer Rotor, and two-capacitors in a box phasing system with TV antenna

**MAY 1992 DX**

12 Tr  
0950 **WOEL** 92.7 OH Bucyrus, ads, o/s, o/CJEX 268

1000 **WAPQ** 98.7 OH Crestline, op/s, The Apple 259

2300 **WZXY** 99.7 NY Palmyra, g/s, Jesus Radio  
NEW to air semi-local, but not that strong here 66

18 Es  
2210 **KDCK** 95.5 KS Dodge City, j/s, first FM of year

2305 **KQIZ** 93.1 TX Amarillo, T405, "293" 1344

29 Es  
1625 **WSKY** 92.3 GA Hinesville, s/s, Power 92, ads 786

1627 **WAPE** 95.1 FL Jacksonville, ads, brief 893

**JUNE 1993 DX**

3 Es  
1229 **KODA** 99.1 TX Houston, local ads 1312

1231 **KAYD** 97.5 TX Beaumont, k/s, KD97 1223

1234 **KZFM** 95.5 TX Corpus Christi, r/s, Hot 295 1494

1235 **KWVS** 97.5 TX Kingsville, long skip! 1513

1240 **KETX** 92.3 TX Livingston, ads, previously heard on old 92.1, during 7-16-87 opening 1229

HAD TO LEAVE, but logged a few in car in Amherst, NY

1250 **KIKK** 95.7 TX Houston, legal ID, strong 1312

1251 **KMJQ** 102.1 TX Houston, s/s over kd CFNY 1312

1258 **KPLV** 93.3 TX Port Lavaca, Paul Harvey 1414

1300 **KGRM** 91.5 LA Grambling, s/s, ID o/WOXX 1058

1304 **KAFX** 95.5 TX Diboll, K-Fox 95, lunch-o/s 1189

1245 **KJAE** 92.7 LA Leesville, KJ-FM, k/s 1153

1255 **KWJM** 92.7 LA Farmerville, calls, k/s, brief 1022

1305 **KIVY** 92.7 TX Crockett, legal ID, local rx 1221



It has been a very disappointing skip season to date here, with only one opening that was even half-way decent (the June 3rd opening to Texas and Louisiana). The other two times I have had FM e-skip (as of June 10), did not last more than one minute. Even skip interference on channel 2 & 3 has been a rarity this year, something that was not all that uncommon in some years past. During one ES opening on TV, I noted signals coming in on a heading farther north than they "should have". I was seeing the Dakotas, yet the signals were from the NW or even NNW. Several other DXers noticed this also. Does the skip could have to be directly in line with the DXer and the transmitter? Is it something like the false beam tropo openings reported in the past by several Illinois DXers? Hopefully the latter part of June and July will really see a pickup in activity, to prevent this from being one of the worst seasons ever. I have heard theories that Mount Pinatubo is to blame for the lackluster Es performances in 1992 and 1993, as well as the cool and damp weather-very interesting. As far as tropo go, not much there either. The first pary of May was decent, highlighted by a strong opening to Northern Ohio on the 12th, but since then things have quieted down, as we have been drawn into a pattern of low pressure systems moving across the Northern U.S., similar to last summer's travesty, N. Hopefully things will pick up soon. I plan on being in Nashville at the end of this month for the WTFDA Conference. I hope to see many of you there; I'm sure it will be a great time!

## METEOR SCATTER--THE OVERLOOKED DX MODE

It's interesting that most TV and FM DXers seem to consider themselves to be "skip" DXers, but many do not utilize the one type of skip that actually is most common. It goes on all time, day and night, has certain "peaks" that are more like "one-nighters" than seasons and is even used by the Military for certain over-the-horizon VHF communications applications.

What I'm talking about is of course Meteor Scatter. You don't need to really wait for the next opening or Meteor Shower Peak--it happens everyday! It's pretty simple stuff too. On a daily basis, thousands of meteors get pulled toward the earth as we encounter them in our yearlong trip around the sun. Most all of them burn up in the upper atmosphere--right in the vicinity of the good old E-LAYER! Meteors are mostly rock-like hunks of metal--most commonly iron, believe it or not!

It is the exhaust product of the meteor itself, breaking up and burning on its downward trajectory towards earth, that causes the DX. While the meteor breaks up and burns--at hundreds of miles per hour as it streaks into the increasingly dense atmosphere--it leaves behind a trail of ionized gases--a miniature skip opening that lasts anywhere from a fraction of a second to a minute or more, depending upon the size of the "rock" involved, its percentage of metallic material, and the angle at which it plows into the atmosphere.

MS DX is a great way to fill in those gaps in the log. Lowband TV and FM stations that are too close for E-skip, but too far for most tropo opening situations, can be logged via MS if you're patient. The only problem with this plentiful DX mode (can you think of any other that you can depend on day in and day out?) is that each "burst" or mini-opening of Meteor Scatter DX is short lived, sort of something like an E-skip opening in miniature. Avid FM and TV DXers look forward to DXing Meteor Scatter during the major showers that occur (several good ones happen during the year). But don't ignore the *non-shower mornings!* These are the random meteor days, days not clearly connected with any specific shower activity. Believe it or not, there's some great DX to be had during these "off-peak" days. Remember that decent antenna gain is important here, too; strong MS bursts have been logged by "rabbit-ear" DXers, and MS bursts have even been heard by DXers in automobiles, but the scatter-level signal strength of most MS DX demands a good antenna.

If you haven't dabbled in MS DX yet, an excellent chance will present itself soon. The mid-summer Perseids meteor shower will peak August 12th. Early-risers should be able to notice an increasing number of meteor bursts on their lowest open lowband TV or FM channel a few days prior to the shower peak. The period around dawn is the best time to check for MS. Try it--you may get hooked on a new DX mode!

## STATION BREAK

WTFDA STATIONBREAK  
P.O. Box 514  
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

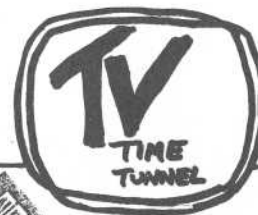
**FOR SALE** - Rich Wertman's DX Catalog also contains gain and curve charts of numerous DX antennas along with many topics of discussion on DXING and antenna tips, a used equipment section, another with Regency and Bearcat Scanners. Remember the \$10.00 fee for this catalog is deductible from your first order over \$100.00.  
Rich Wertman - 6150 Crosby Road - Lockport NY 14094 - (716) 434-5086

**FOR SALE** - From March 23 - April 19 '93, I travelled the former Soviet Union. With me, I carried my Realistic Pro 43 scanner. Perhaps, I am the first person to sneak a scanner into the U.S.S.R. I monitored Soviet Police, Soviet Army bases, Soviet Air Force, Soviet Military Telephone, Borispol Airport, Moscow Air-Watch, Subway Stations, Manufactures, Buses, and more. If you would like a copy of all the frequencies monitored, including the ones above, and a short paragraph on what was heard with each freq. (Also, I will include a map of the area that was monitored) send \$5.00 to:  
A.P. McQueary - 1901 Road B - Redwood Valley CA 95470

WTFDAers: YOUR ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

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A COLLAGE OF LOGOS  
AND LETTERHEADS FROM  
LONG AGO AND FAR AWAY  
(including three from  
your 1993 Convention  
host city) MAKES UP  
THIS MONTH'S FEATURE

