

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

AUGUST 1992

## WHAT A SEASON! NOT "MUCH" SKIP, BUT...



IDAHO, OREGON, AND WASHINGTON DOUBLE-HOP ON FM TO ALABAMA...SUPER GULF OF MEXICO TROPO IN JULY..POSSIBLE DOUBLE-HOP ON TV FROM SOUTH AMERICA INTO NEW YORK...1000-MILE FM TROPO FROM INDIANA HEARD IN COLORADO...MULTI-HOP E-SKIP BRINGS SIGNS OF 'SOVIET' VIDEO TO BRITISH COLUMBIA, WHERE TV SIGNALS FROM ALASKA AND DOUBLE-HOP FROM TEXAS ARE ALSO SEEN...SOUTH TEXAS AND POSSIBLE MEXICAN UHFS DUCT INTO ILLINOIS...MANY UNUSUAL SHORT SKIP LOGGINGS REPORTED...AND MORE INSIDE



WORLDWIDE TV-FM DX ASSOCIATION

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first class mail

11/92  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

# WTFDA '92 CONFERENCE

MARK SEPTEMBER 11-13 on your calendars for this year's W T F D A CONFERENCE! Conference host Michael Goetsch welcomes you to Pittsburgh, Pennsylvania along with the Pittsburgh Motel.

Jack, owner of the Pittsburgh Motel, 4270 Steubenville Pike, Route 60, invites 1992 Conference attendees. A complimentary hospitality room will be provided with free coffee! Plus, you'll be invited to construct antennas.

Tours of local FM and TV stations will be arranged by Michael. Attendees interested in holding seminars are invited to contact him.

The Pittsburgh Motel, 1992 Conference Site, is conveniently located near the turnpike and airport. They will give pre-paid Conference Registrants before August 16 Preferred Accommodations! Call (412) 922-1619 and mention WTFDA 1992 to reserve your room at as low as \$29.50 per day single occupancy.

A modest Conference Fee of \$12 is being charged to help offset administrative costs. Conference Fee's may be sent in advance to Michael Goetsch, c/o The Pittsburgh Motel, 4270 Steubenville Pike, Route 60, Pittsburgh, PA 15205.



## Television News

(interim logo!)  
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### ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW  
HAAT=Height Above Average Terrain, in meters  
AAT= Above Average Terrain  
AG= Above Ground  
ASL= Above Sea Level  
nc= No change  
TL= Transmitter Location  
CP= Construction permit  
MP= Modification permit (modification of construction permit)  
\*= Non-commercial  
CRTC=Canadian Radio-TV Commission

### APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	Call	City
AZ	3	20	53.8		Douglas; NPG of Arizona. To be satellite of KOLD-13 Tucson.
CO	4	10.6	422		Grand Junction; John Harvey Rees
WA	56*	5000	1873		Tacoma; Korean-American Missions (probably really 1873 feet)

### APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	35	3124	102	cp	Miami

### APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	43	5000	275	WGIO	Louisville
CO	14	5000	341	KTVJ	Boulder (TL: 39°43'53"N, 105°14'08"W) (210m SSE of KWGN-2, on Lookout Mountain)
IL	39	1040	178	WQRF-TV	Rockford
NY	4	100	366	WIVB-TV	Buffalo (TL: 42°39'33"N, 78°37'33"W) (Colden)

### CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
FL	68	2844	nc	WBCC	Cocoa (TL: 28°18'26"N, 80°54'48"W) (Deseret Ranches, 19km WSW of) (Cocoa, in Osceola County)

### CONSTRUCTION PERMIT MODIFICATIONS GRANTED (cont'd.)

St	Ch	ERP	HAAT	Call	City
FL	17	2825	309	WLRN-TV	Miami (TL: 25°57'30"N, 80°12'44"W) (695 NW 199th St.)
SD	12	316	259	KTTM	Huron (TL: 44°11'39"N, 98°19'05"W) (19km SW of Huron)

### SPECIAL REPORT: NO MORE ES??

Just before press time, (actually, after press time!) on July 16, the FCC adopted a proposed table of channel allotments for HDTV.

All HDTV channels would be UHF; after the phase-in period, VHF TV would cease to exist. (DXers note: no more E-skip TV DX!)

A number of channels (apparently equal to the number of existing stations in the city) would be allotted to each city; the stations themselves would negotiate which one would receive which HDTV channel.

Note that this is only a proposal. The television industry's ATV advisory committee is working on another allotment plan which will probably be considered by the Commission as an alternate plan. Also, some members of the FCC disagree with the complete elimination of VHF TV, so Es DX isn't dead yet!

The text of the allotment proposal wasn't yet available at press time. (When it does become available, it'll probably be too big to print in the *VUD* anyway!)

### OTHER STUFF

Last month, I reported: "The change of WOTV-8 Grand Rapids, Mich. to WOOD-TV has been withdrawn: it remains WOTV."

No, it wasn't. I called the station on July 15; they are indeed WOOD-TV. Tom Bryant says he thinks WUHQ-41 (which airs WOOD-TV's news) has taken the WOTV calls, though I can't find official word of this.

The National Association of Broadcasters has asked the Commission to reduce the length of the Emergency Broadcast System attention signal from 25 seconds to 8.

Commissioner Sikes and the rest of the FCC seem prepared to relax the ban on telephone company ownership of cable TV systems. Congressional action will be necessary to completely remove the ban. (though Democratic VP candidate Al Gore has introduced legislation which would do just that)

During this election year, the FCC is concentrating on enforcement of the "lowest unit rate" regulations. Under federal law, enforced by the Commission, stations are required to charge candidates for federal office the lowest ad rate a regular advertiser would be charged for similar air time. A number of TV stations were fined as much as \$25,000 for violations in 1990.

On an unanimous vote, the Commission has agreed to allow TV networks to purchase cable systems. Network-owned systems will not be permitted to serve more than 10% of all U.S. subscribers, nor more than half the subscribers in a market.

The CBS "compensation reversal" doesn't appear to have cooled down any. Reports in *Broadcasting* are that several CBS affiliate general managers will not sign affiliation contracts with "reverse compensation" provisions. Another rumor has it that CBS is looking at purchasing independent stations in cities where the existing CBS affiliate is balking at the changes.

The Chicago Cubs and WGN-TV are rather upset with Major League Baseball Commissioner Faye Vincent. The planned switch of the Cubs and Cardinals from the NL East to NL West, and Reds and Braves from the West to East, threatens to have the Cubs playing more West Coast games. Many of these games would start at 9PM Central time, 10PM Eastern, too late for many WGN cable viewers. These West Coast evening games would also raise havoc with WGN's 9PM (Central) local newscast. TV rights holders in the other affected cities (WLWT-5 Cincinnati, KPLR-11 St. Louis, WTBS-Atlanta) seem much less worried.

*Broadcasting* magazine reports that Phil Donahue and Vladimir Pozner will co-host a talk show on the CNBC cable network this fall....

## FORUM

Saul Chernos, Peterborough, Ont.

Saul sent a copy of a CBC/SRC pamphlet listing all French-language TV stations & rebroadcasters. It's much appreciated!

There are a few special notes of interest in the list. The following stations appear to have become rebroadcasters with last years' budget cuts:

CBHFT-13 Halifax (relays CBAFT-11 Moncton)  
CJBR-2 Rimouski (relays CBVT-11 Quebec City)  
CBLFT-25 Toronto (relays CBOFT-9 Ottawa)  
CBEFT-54 Windsor (relays CBOFT-9)  
CBRFT-16 Calgary (relays CBXFT-11 Edmonton)

Also, a number of "community rebroadcasters" appear with rather strange call signs, like "CH2781" (channel 11, Camp Belle Plage, Que.) and "CH2260". (channel 12, Iqaluit, N.W.T.) I believe these are municipally-owned satellite-fed transmitters; why the weird calls, I don't know. Other "community rebroadcasters" have traditional calls.

Stephen West, Glen Mills PA:  
Bill Nienajadly, Clifton NJ:

Both sent along more on the potential sale of the New Jersey Network. (WNJS-23, WNJT-50, WNJB-58, WNJT-52) Nothing particularly new here, except that FCC spokesmen have gone on record as saying the Commission would not approve conversion of NJN's non-commercial licenses to commercial ones.

I know of only two occasions where non-commercial reserved channels were converted to commercial: channel 2 here in Nashville, and channel 50 in Gary, Ind.. In the former case, the swap was approved because it made commercial channel 8 available for non-commercial reservation; in the latter case, commercial channel 56 was reserved non-commercial. Presumably the channel 2/8 swap was to get WSIX-TV (now WKRN-TV) onto a low-band channel better able to compete with existing WSM-TV (now WSMV) and WLAC-TV (now WTVF) on channels 4 and 5. The channel 50/56 swap allowed WPWR-TV to locate its transmitter atop the Sears Tower; WEHS-60's transmitter was already there, and channels 56 and 60 are too close for the FCC

to permit them to use the same transmitter site.

Dave Moody, Jasper, OH:

Dave works for WPBO-42 Portsmouth, Ohio. A serious transmitter failure on May 27 took WPBO off the air for about two weeks. They replaced the old transmitter, feedline, and antenna, returning to the air on June 11 at 6PM. A new building was erected to house the transmitter. (fast work!)

Dave also forwarded pictures of the new building and antenna; unfortunately, I don't have a good way of reproducing photos in the VUD. The antenna, a "slotted pylon", is a cylinder, about 15cm in diameter, and roughly 15m long.

Eric Voytko, McLean, VA:  
Jeff Kruszka, Harahan, LA:

Both sent copies of an AP story regarding Cuban tropo wiping out WCIX-6 Miami on the night of Thursday, July 3. Seems the people of Miami are so used to Cuban interference to AM radio (caused by Cuba's use of extremely high power AM transmitters) that they figure this kind of interference to TV is also Castro's fault! Jeff says "I got in on this mega-tropo opening myself, logging 20 new stations over the last 4 nights". (written July 8) There was a high-pressure area stuck over the Gulf for several days in early July; no mega-trops up here in Tennessee, but I do expect a larger-than-normal *ETVDX* column this month!

Ron Wing, Wichita KS:

Ron sent information on two new LPTVs going on the air in Wichita. K55FS and K51DN are both being purchased from the owners of KSAS-24, by River City Broadcasting of Wichita. They're expected on the air by the time you read this, transmitting from KSAS's tower near Colwich, Kans. River City has also applied for a LPTV on channel 53, for airing pay-per-view programming.

K55FS will broadcast in the clear, with the Nostalgia Television Network; also, K55FS plans 3 hours daily of local programming. K51DN, on the other hand, will be scrambled, and will carry the Playboy Channel, and a variety of sports and special-event programming.

As of June 27, Ron had seen nothing from any of these LPTVs, or from KWCV-33 either.

## FCC RULES PRIMER

The failure of a still-store disk drive at work has left me short of time for a full-fledged primer this month.

However, I do have a partial solution for some of the more-than-5000kW UHF CPs which have been recently approved.

First, TV powers are now regulated in decibels relative to a kilowatt. (dBk) For channels 2-6, the maximum is 20dBk; for channels 7-13, 25dBk; for UHF, 37dBk. 20dBk does work out to exactly 100kW, but 25dBk is 316,227 watts (not 316,000), and 37dBk is 5,011,872 watts. (not 5,000,000) This explains KOCE-50's 5010KW CP.

Second, once a station's HAAT exceeds 600m (300m for VHF stations in Zone I), it must reduce its power to compensate. A series of five power reduction formulae are present in the FCC rules-- but for HAATs just barely over 600/300m, they're actually power increase formulae! Under these formulae, a station with an antenna height of 601m would be allowed 102,502 watts on channels 2-6; 324,140 watts on 7-13; and 5,137,266 watts on UHF!

(this does NOT explain the 5250kW CP reported last month. I've no idea what happened there, unless the Commission staff simply screwed up...)

For those curious about the math...

Channels 2-6, Zone I:  
ERP(dBk)=102.57-(33.22\*LOG(HAAT))  
                  Zones II/III:  
ERP(dBk)=67.57-(17.08\*LOG(HAAT))

Channels 7-13, Zone I:  
ERP(dBk)=107.57-(33.24\*LOG(HAAT))  
                  Zones II/III:  
ERP(dBk)=72.57-(17.08\*LOG(HAAT))

UHF:  
ERP(dBk)=84.57-(17.08\*LOG(HAAT))

To convert dBk to watts:  
watts=1000\*(10^(dBk/10))

All logarithms are base 10. GW-Basic's LOG function is base e; to convert:

LOG(10)=LOG(e)\*0.43429

No real DX from here... fall  
73 Doug



## Readers' Reports and Towers' Things

Those who attended the WTFDA convention here in Esko a few years ago might remember that a tower was temporarily installed lashed to a baseball pole next to our driveway. That tower held a UHF antenna. Finally, I got the tower installed properly on its own concrete base near the rear of the house and it sports a 10-element FM antenna atop a rotator, about 42' tall, or double the height of the older antenna, which still stands. Each antenna feeds a separate Magnum Dynalab FT-101(A) tuner. I can instantly compare how reception with the taller antenna is compared with the shorter antenna. To the south and SW, the best directions, there is very little difference; however, to the east and west, where small hills have to be overcome, the difference is quite noticeable, but not too dramatic. I am without phasing capability, since I sold the booster which tuned down to channel 2, but hope soon to make the units fully phase-worthy. Any advice as to how to do this would be appreciated. A crew of four came from Solon Springs WI, about 48 km away, and spent about five hours installing the tower and mounting the antenna. The feedline is in conduit on top of the ground; I plan to bury the cables soon. All this should help to make me an "ace" reporter for my own column, and the quality of news you read here should be enhanced as a result. It's also not too late to get in on the special six-month rate for subscribing to FMedial until the end of 1992 for \$12. I will include a bunch of back issues to anyone subscribing now (you might get as many as 10 or 11 issues for that 12 buck price as long as supplies remain). FMedial contains a lot more station news than I can squeeze into these pages. It's larger print and easier to read, and most of the news reaches you a month earlier than what you read in this VUD column. My "Flea Market" book sale went very well and I had to refund money to two DXers who wanted books that some of the early birds snapped up.

I may be attending the NRConvention, Sept. 4-6, Omaha NE. For more information contact Ernest J. Wesolowski, 13312 Westwood Lane, Omaha NE 68144-3543. Mike Hawk also wrote and invited me to come, saying "The NRC has a growing number of FM DXers, and has a well-supported FM DX column during the summer months." Mike has found the FM Atlas to be "quite helpful. I may have to buy another one due to the one I have wearing out!" The new book has an attractive green cover, but it might not be as durable as the cover used in the 13th edition; yet, unlike the 13th edition cover, this one does not seem to curl.

Now to contributions from readers. Craig Pettillo sent word that KTSL Spokane, which is supposed to be coming on the air on 104.7, may be jumping the gun and might be on 95.3, with KAAR Medical Lake slated to leave 95.3 to 101.9.

Stephen West says that WPCE \*88.1 Philadelphia is still only 10 watts, "despite WTFDA members reporting it as stronger. The Philadelphia \*107.9 translator of Trenton is stronger but they probably just got the kinks out of the system." WKSZ 100.3 Media PA is not yet 9200 h.v.; 349 m. "They are constantly trying to get a taller tower permit for their Newton Square PA site. Local residents don't want the tower any taller," so the battle goes on. . . WEGX 106.1 fined \$5,000 for recording phone calls for broadcast without informing the victim. More examples of the FCC clamping down on phone calls to DXers and other listeners are in July's FMedial WXPB \*88.9 Philly drops NPR, saving \$50,000 a year; it networks the afternoon program "World Cafe," heard

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on KUMD \*103.3 Duluth among a handful of other stations.

With WAMB-1 soon to be history (see last month, Mount Juliet TN, new, 106.7), Tom Bryant sends word on the sale of WRLT 100.1, with new ownership including Ned Horton as well as WAMB personnel. "Will WRLT become a simulcast outlet for WAMB AM, thus eliminating the WAMB-FM-1 temporary facility?" he asks. "I guess I won't be able to make the convention this year," and he mentions not "enough lead time to gear up for it. . . Hope you weren't adversely affected by the tanker spill!" Not at all; they evacuated the south half of Esko, but not where I live; I could not even smell it, but the odor was perceived over a wide area. My mother is in a nursing home and they evacuated all the people in short order, going to a high school gym.

Glenn Hauser says KRUX \*91.5 Las Cruces NM is on the air, contrary to what was in this column last month (p. 6). It's a student type station and does go off when students aren't around; I have written and asked if KRUX has stereo. "As for the FM frequencies to three strange decimal places in Africa, I can't vouch that these particular ones are accurate, but there was and perhaps still is an allocation plan based on some odd-kHz spacing which would put stations on such frequencies—the old FBIS lists showed these, mainly South Africa then." Glenn mentions another program change in his "World of Radio" on WRNO: Saturday 5 p.m. CDT/GST on 15420, 9 p.m. on 7355 instead of 7 p.m. Rest of the schedule on WRNO and WWCR is the same (see last month, p. 4). "Hope that spill evacuation in the news didn't affect you! So far the tornadoes have missed us again." [It was a benzene spill, which when it spilled out into the river from the derailed train car that made the noxious cloud and odor.] Glenn says KOMA-FM 92.5 now simulcasting 1520 AM in an LMA with Q; and he assumes they still also own KRXO 107.7 there.

Saul Chernos sent a CBC French station list. It is quite complete, giving the exact call letters and numerals as well as frequencies of all the stations of "Societe Radio-Canada." Not listed: CJBR-FM 101.5 Rimouski (although shown without call letters as 100.5 stereo, which I think it is a misprint). And it shows CBGA-3 Riviere-au-Renard as being on 91.5, while I show it as 92.5. Yes, Saul, I enjoyed going through that list!

From Gotham, Bill Nienajedly sent a piece on how the real inventor of radio was Nikola Tesla, whose dream it was to transfer electric energy without wires. Will WNYE \*91.5 New York be sold? If so, the station might lose its board of education identity and multiple ethnic broadcasters at night and weekends, but it most likely would embrace stereo. At last word it seems the fans of WNYE's monophonic ways have won and the station apparently won't be sold. A letter to the NYC "Sunday Daily Snooze" from a reader complained about WNYC-FM's (93.9) "blabathon" being no fun. Seems the reader is not a DXer; if she were, she could turn off WNYC-FM, aim her yagi and get public radio from another station or city. Bill sent part of a "Doonesbury" cartoon about "Light'n'easy rock" radio, and he wrote under it all the call letters of stations programming such "lame" sounds—about 68 in all from just his region. Now Howard Stern, notorious WXRK 92.3 personality, is urging his fans to call other radio and TV talk shows and have them blurt out such things as "Stern rules!" or "What do you think of Howard Stern?" Unlike FM, TV talk shows do not use a time delay, so an obscene or discourteous call can get through easily.

Chris Dunne in south FL has heard a lot of DX, and shared station news appearing elsewhere in this column. He says local

FCC—FM.

WDNA \*88.9 is off and he doesn't know what the problem is, and WAIL 99.5 "has been on and off too much!"

KKLA 99.5 Los Angeles seems to be going more and more to religious talk, according to an article W. R. McIntosh sent. I ask below if Mc might be able to check to see if KKLA still has music and if they still broadcast in stereo?

Since I announced to my FMedial readers that I may pull the plug on that publication at the end of the year due to lack of time, Frank Merrill, who reads both that and this column, writes: "Does this mean, too, that you may stop doing your WTFDA column? In no way can I picture anybody else truly 'replacing' you, as you're able to take rather 'dry' material and make it quite interesting to read! After all, your WTFDA column basically duplicates FMedial so I'm not too sure why you'd quit FMedial and keep the WTFDA, but I sure hope I'm wrong. Assume you're deciding/need to spend more time with church and/or family. But I hope I'm wrong about the WTFDA." Frank noted the new Keokuk IA grant on 105.9 would congest a frequency on which he likes to DX. "Losing 105.9 would cost me the furthest [by far] 'daily regular' here in Memphis; already lost 102.7 that way [from Macomb IL]." That's better than I can do on a daily basis with my 42' tower!

Wendell Ford sent some station news based on his DXing, including the use of call letters by KXGM 106.5 Muenster TX (no longer "Hit 106.5"). He heard k, 97.5, "Double the Power, Double Q," which might have been Chadron NE, KQSK. The "Double K" could be the K at the beginning and the ending of their calls. "Also note to Mike Hawk—about strange tones on the FM band. Our GE phone answering machine does the same thing and so does my sister's. Mine puts out open carriers with a faint constant tone on 95.9 and 107.9."

An ethnic pirate, "WLVB" 95.1, \$ was heard in Queens July 4 for people from Guyana, and another in the area you might try to DX is "WJCR" 91.9 mono, bilingual, English-Spanish, with an oaf by the name of Fred, who grunts over the music and even has done English lessons for Japanese-speakers. "Antenna FM," the Greek SCService has left WORE 92.7 Garden City's 67 kHz and resides exclusively on that of WQHT 97.1 New York.

Greg Ledbetter convinced me that "m" might better describe WMEZ 94.1 Pensacola than either mr or m. He says it's "probably the last of the 'easy type' stations in this area. It reminds me of

What is a "Directional Coupler"?

what local WHER [Hattiesburg MS] used to be—a vocal here and there with some Muzak sprinkled within. . . Keep up the good work on the Atlas," he says.

Doug Smith sent word about WMAD-FM 92.1 Sun Prairie WI abruptly leaving the air just as the skip season was beginning. It was taken over by the bank after the previous owner was unable to pay back taxes. He also sent other station news, including KWEZ 106.7 Trumans AR being \$, b with no multi-city ID. KDHX \*88.1 uses "St. Louis Public Radio" slogan, usually with calls. "Don't know what KWMU thinks of this, but I prefer KDHX's programming anyway. Be careful about modifying the term '73' when writing for a ham-laden organization like the WTFDA! Some old-timers have been known to be rather vocal on the subject! Technically, '73' means 'best regards', making '73ily' 'best regardsily'. An argument could certainly be made that continued usage has left the term with a generic meaning of its own, which can indeed be modified with adjectives and suffices. Then again, I'm an engineer and not a language scholar. . ."

Until next month, and 73, 73s, 73's, or as I prefer, 73ily, *Bruce E. Elving*

## See Also July VUD For

- AL Chickasaw WDLT 98.3 mr, Coniglio, p. 26
- AL Prativille WAFX 95.1 op, Coniglio, p. 26
- AL Tuscaloosa WACT-FM 105.5 Bama Country (from "T-105"), Coniglio, p. 26
- AK Fairbanks KAKQ 101.1 Q-101.1, Station News, p. 15
- AR Booneville-Fort Smith 104.7 "EZ-105" I list as calls KEZU, not "KFSM," Laun, p. 9
- AR Forrest City (note spelling of town) KBFC 93.5 k, Wolf, p. 8
- AR Little Rock \*88.1 still must be KUAT (KOA) is in Denton TX, 106.1), Shaftan, p. 21
- AR Maumelle (moving from Pine Bluff) KOLL/94.9 Oldies 94.9 (from "Cool 95"), Laun/AR Yellville KCTT 97.7 "extremely distorted audio"; is it stereo? Fela, p. 19. Station has not responded to two inquiries of mine as to whether or not it's stereo.
- CA Fresno KKDJ 105.9 The Edge (from "X 106"), Station News, p. 17
- CT Litchfield WZVG 97.3 is it stereo? Station News, p. 17; Hanlon, p. 18
- FL Chiefland WLOH-FM 97.3 is it stereo? Smolarek, p. 21
- FL Trenton WCWB 101.7 River Country 101.7 FM (from "K 101.7 FM"), Shaftan, p. 20
- GA Dublin WKKZ 92.7 r, Pugh, p. 8
- KS Augusta KLLS 104.5 \$ (stereo), Buntin, p. 11
- LA Abbeville KR0F-FM 105.1 Oldies 105.1, Coniglio, p. 26
- LA New Iberia KDEA 99.1 m, Coniglio, p. 26
- MN Duluth KQDS-FM 94.9 KQ 95, Pugh, p. 8
- MS Clinton WHJT 93.5 Alive 93.5, Coniglio, p. 26
- [Hattiesburg, Coniglio, p. 26
- MS Collins WKNZ 101.7 apparent ID with/MS Indianola WDLJ 96.9 K-96 seems an unlikely nontD, Nienajedly, p. 14
- MS Leland WIQQ 102.3 Q 102, Coniglio, p. 26
- NV Carson City (Reno) K12S 94.7 Kiss Country 94.7, Station News, p. 15
- NJ Vineland WVLT 92.1 r, is "92 First," Mount, p. 25. And what does he mean about "no

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- convention details" in the June VUD? Might that have something to do with the intrusive "WSTW 93.7 FM" logo appearing "like a UFO" in column (p. 3) last month? Hmm.
- NY Cobleskill WSHQ 103.5 r, "Music 103" (from "Sho 103"), Mount, p. 25
- NY Malone WVVN 96.5 k; is it stereo? Gauthier, p. 13
- NY Oneonta WSOQ \*91.7 (not 91.9) ID with Cooperstown, has Stereo, Nieman, p. 15
- NY Oswego WNYO \*88.9 p; is it stereo? Station News, p. 25 [braces \$, Hawk, p. 18
- NY Sag Harbor WLNG-FM 92.1 finally em-/SC Charleston WXLV 102.5 Oldies 102.5 (from "Classic Hits 102.5"), Laun, p. 9
- SC Port Royal WHTK 99.7 ID with Savannah, Shaftan, p. 21 [Pugh, p. 8
- SD Yankton WNA-X-FM 104.1 Oldies 104/104 Paris WMLU-FM 94.1 is it stereo? Pugh, p. 8
- TX Del Rio KDLK 94.3 Hot K 94, Pugh, p. 8; Dunne, p. 11
- TX Hearne KHRN 94.3 Gospel 94 (from "K-94"), Station News, p. 25
- VA Freeman—Chester P. Royster (p. 10): I'd like more information as to what a "Directional Coupler" is. Sounds like the ideal thing to use with a phasing system if it isn't too expensive; where can you buy one?
- WV Clarksburg WZWA \*90.1 are you sure you heard this station? FCC says it has been deleted for not constructing on time. If it is on, how do they ID and does it have stereo? Mancuso, p. 11
- WV Lost Creek WOTR 96.3 ko formats; is it stereo? Mancuso, p. 11 [Mancuso, p. 11
- WV Rainelle WRLR-FM 95.3 still monophonic? ON Ottawa 89.1 calls CFUO or as show them, CHUO? Try to hear them when (and if) they give a regular identification, Monroe, p. 24.

## New FM Station Grants

- AL Birmingham \*88.5 800 h.v, g, Brianwood Presbyterian Church
- AR White Hall 104.5 3000 h.v.; 100 m
- CA Carmel Valley K260AA 99.9 (KKG 105.1 Los Angeles), an irrational assignment, as C.V. is quite a distance from L.A.
- CA East Los Angeles KSRF-1 103.1, 49 w (v) booster of Santa Monica station

# MARS 103.1

- CA Gualala (on coast, SW Ukiah) 100.5 6000 h.v.; 204 m, Gerhard J. Hanneman, Ph.D.
- CA Magalia (Paradise) \*88.3 1450 h.v.; 331 m, g, Educational Media Foundation, Inc.
- CA Modesto 93.9 3000 h.v.; 100 m
- CA Sebastopol 93.7 530 h.v.; 238 m
- CO Basalt 106.1 1400 h.v.; 103 m, Caren Lacey
- CO Durango 99.7 16000 h.v.; 268 m, Caren Lacey
- CO Telluride KRYD 104.9 1000000 h.v.; -23 m
- CT East Lyme 98.7 3000 h.v.; 85 m
- FL Tavernier 95.9 6000 h.v.; 100 m, g
- FL Crystal River \*91.9 3000 h.v.; 100 m, g, Christian Family Cinema, Inc. (see also "Deletions," below) [Bcstg., Inc.
- FL Gifford 94.7 3000 h.v.; 100 m, Molly Beard/FL White City (Fort Pierce) 104.7 3000 h.v.; 100 m, Crystal Communications, Inc.
- GA Bolingbroke 3000 h.v.; 100 m
- GA Greenville 95.7 6000 h.v.; 100 m
- GA Smithville 106.9 6000 h.v.; 100 m
- IN Seelyville (Terre Haute) 95.9 6000 h.v.; 100 m, g, Victory Christian Center [A. Stragusa
- IA Belle Plaine 95.5 6000 h.v.; 100 m, Cynthia/IA Decorah \*88.7 100 h.v.; -11 m, MN Public Radio [Educational Corp.
- KY Danville \*88.1 170 h.v.; 100 m, Alum Springs/KY Philpot 94.7 3000 h.v.; 100 m, Ruth H. Steele
- LA Alexandria \*89.9 3000 h.v.; 100 m, g

Missionary Action Projects (FCC dismissed KVDP Dry Prong's bid to move from 89.1 to 89.3) [WMMX 93.1 Portland] ME Lewiston W246A 97.1 [College...

Call Letters Assigned or Changed AL Andalusia 98.1 WWSF-FM [WWSF-FM] AM gets new calls

Facilities Changes Granted AL York WSLY 104.9 (from 99.3) 50000 h.v.; 150 m, C2

MA Keokuk 105.9 KYAT IA Winterset 99.5 KBBM (KTG), n. mono KS Olathe 92.3 KCCV-FM (KQRC; KQRC is in

Leavenworth KS 98.9; KCCV AM is in Overland Park KS) KS Salina \*90.7 KKCR KS Wichita \*90.7 KIBN (KZZD) \*91.1 KZZD (KSOF)

NY Cortland 99.9 WYYS (WNYF-FM); \*Yes-100\*; still r NY Hudson \*91.1 WHVP (WOFA) NY Morristown 102.9 WNNP-FM (WXED), to 2400 h.v.; 112 m

OR Harbeck-Fruitdale 96.3 KLDK (KAJO-FM) PA Russell 103.1 WRLP (WGS1) SD Rapid City 97.9 KLMP (KVS9)

TX Austin \*91.7 3000 h.v.; 54 m, u of TX-Austin, to work out a time-share arrangement with Hornsby

TX Midland KWHU \*90.51 (above UT St. George K240B 95.9, see "New," VA Alberta WGNU 107.7

m, adds vertical [m, C2 LA New Orleans WBSN \*89.1 8000 h.v.; 196/ ME Harpswell WMSJ \*91.9 6000 h.v.; 45 m

NY Cortland 99.9 WYYS (WNYF-FM); \*Yes-100\*; still r NY Hudson \*91.1 WHVP (WOFA) NY Morristown 102.9 WNNP-FM (WXED), to 2400 h.v.; 112 m

PA Russell 103.1 WRLP (WGS1) SD Rapid City 97.9 KLMP (KVS9) TX Beaumont 95.1 KYKR (KZZB-FM), k

TX Austin \*91.7 3000 h.v.; 54 m, u of TX-Austin, to work out a time-share arrangement with Hornsby

TX Midland KWHU \*90.51 (above UT St. George K240B 95.9, see "New," VA Alberta WGNU 107.7

IL Metropolis WKOF 96.5, o IA Des Moines KUCC \*89.3 TX Gainesville 107.9-not on air at all, not even mono, "Reader must have heard KAND-FM 107.9 Corsicana"

FL Bradenton WJIS \*98.1 rp, parallel to Fort/ FL Immokalee WQCD 92.1 Spanish, 1/ FL Key West WIIS 107.1 r, "Island 107" (from "FM 107")

LA Baton Rouge WFME 102.5 r, uses calls/ LA Reserve WADU-FM 94.9 m MI Grand Rapids WLVAF-FM 96.9 p, or what they call "alternative rock"

NY Southampton WHFM 95.3 gr, LMA with WBA8 102.3 Babylon NC Wilmington WMMN 97.3 s, "Coast 97"

TX Abilene KHXS 106.31, "Power 106" (strict). All Tejano, but 10s in English. TX Borger KQFX 104.3 k, "The Fox," returns to

Format Changes (Selected) Formats are the same as in the "FM Atlas" AL Evergreen WJJK 93.3 (span)

On Air (Selected) MN Brownville KXDL 99.7, o, \$, uses calls OK Atoka KHKC 103.1 back on, k, \$ TX Groves KTFB 92.5, having moved from 92.1

Deletions AL Birmingham W253AA \*98.5, "bumped by WLB1" 98.7 Warrior AL AK Delta Junction KDCC 93.5

TX Austin \*91.7 3000 h.v.; 54 m, u of TX-Austin, to work out a time-share arrangement with Hornsby

TX Midland KWHU \*90.51 (above UT St. George K240B 95.9, see "New," VA Alberta WGNU 107.7

KXDL On Air and DX Ready! air [ary Christian TX Brownwood KPSM 99.3 gr, contempor-/ TX Claude KARX 95.7 op, \$, ID with Amarillo

On Air (Selected) MN Brownville KXDL 99.7, o, \$, uses calls OK Atoka KHKC 103.1 back on, k, \$ TX Groves KTFB 92.5, having moved from 92.1

Deletions AL Birmingham W253AA \*98.5, "bumped by WLB1" 98.7 Warrior AL AK Delta Junction KDCC 93.5

TX Austin \*91.7 3000 h.v.; 54 m, u of TX-Austin, to work out a time-share arrangement with Hornsby

TX Midland KWHU \*90.51 (above UT St. George K240B 95.9, see "New," VA Alberta WGNU 107.7



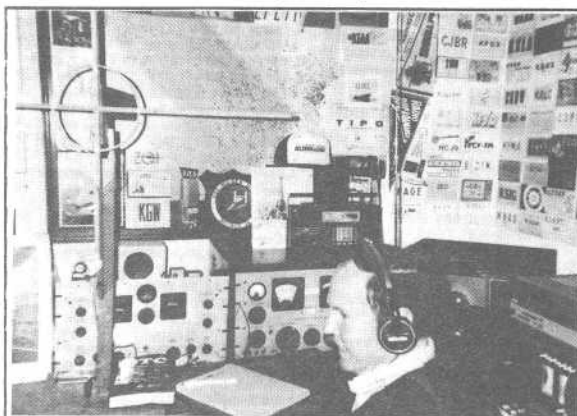
MAILING ADDRESS:  
PHOTO-NEWS  
12284 Nice Road  
Akron NY 14001-9529

**AUGUST 1992**

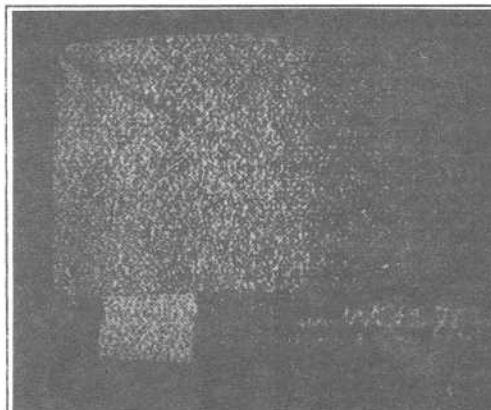


...more from Jeff Kadet..

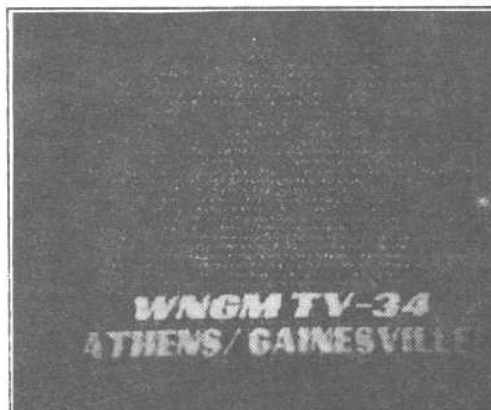
Over the last month there were only a few days of E-skip noted here in Western New York and tropo out to about 250 miles. At Hank Holbrook's DX shack; reception is always sunny when you tune all the "bands".



Long time WTFDA member Hank Holbrook is the happy DXer at the controls. Hank enjoys tuning: LW, MW, SW, UTE, FM, TV & Ham "you name it and I listen!". And avid QSLer; Hank has a collation totaling 14,617.

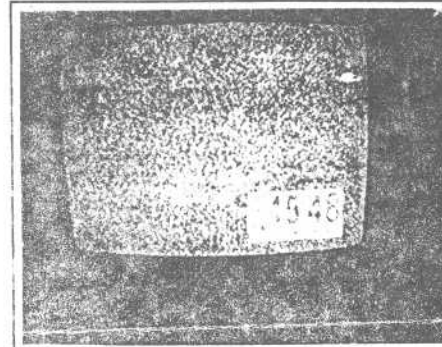


**WCES-20**  
Wrens Georgia  
679 mile tropo  
seen January 5 1992  
at 0505 CST



**WNGM-34**  
Athens Georgia  
580 mile tropo  
seen January 5 1992  
at 0550 CST

Checking in again is Rich Shaftan - Rockaway New Jersey [equipment see July 1992 VUD page 29].

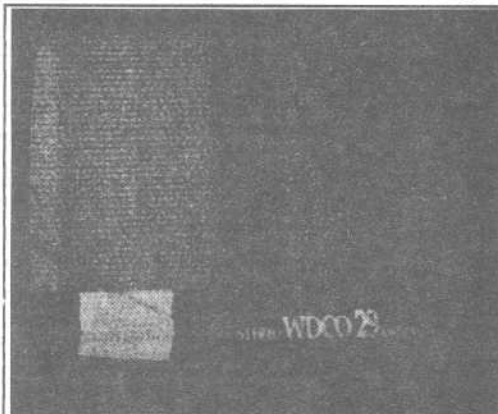


**WGGT-48**  
Greensboro North  
Carolina  
450 mile tropo  
seen May 20 1992  
at 0730 EST  
"co-slide w/channel 45 WNRW  
Winston-Salem North Carolina"

...more from Rich next month.

Till next time, *DAVE*

Jeff Kadet - Macomb, Illinois [equipment see July 1992 VUD page 28] is our next reporter with more tropo DX from January 1992.



**WDCO-29**  
Cochran Georgia  
688 mile tropo  
seen January 5 1992  
at 0450 CST





# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MARINE, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

## AUGUST 1992 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed

While there was plenty of skip to go around in May and the first half of June, the season has really taken a nose dive since. Very little skip was reported between June 19 and July 7. There have been signs of skip picking up somewhat in July, but still not to any decent level, perhaps due to this abnormally cool summer in the north. The coastal DXers have had an excellent tropo season, however it has been non-existent inland. If you have had some DX, please share it with us!

Bill Nienajadly PO Box 2999 Clifton NJ 07015-2999 N2QJJ

### May 26 1992 ES

1740 WCTK 92.1 FL Venice 1065  
1745 WJF 89.7 FL Tampa 1012  
1746 WYUJ 92.5 FL Saffrey Harbor 1016  
1747 WQLM 92.9 FL Punta Gorda 1065  
1749 WOLZ 95.3 FL Ft Meyers 1082  
1752 WMTX 95.7 FL Clearwater "Mix 95.7" 1020

### JUNE 4 1992 Tr

0713 WFSI 107.9 MD Annapolis rare here 182  
0728 WXTR 104.1 MD Waldorf not common 215  
0730 WQSR 105.7 MD Catonsville FULL SCALE 174  
0735 WJBF 103.9 PA Jenkintown ph/o WFAS 81  
0745 WCEI 96.7 MD Easton rare 179  
0755 Now in car on way to work the above heard on car radio & 107.3 DC & others very strong

### JUNE 5 1992 ES

1224 WFFX 95.7 AL Tuscaloosa Lcl ments 910  
1225 WMLJ 96.5 AL Birmingham 864

### JUNE 8 1992 ES-SHORT SKIP

1240 WYUJ 91.7 OH Cincinnati Calls 563  
Shortest ES to date

### JUNE 9 1992 Trs Local WFUV 90.7 off the air

2058 WTCO 90.7 MA Springfield 125

### JUNE 10 1992 ES

2010 WMLJ 96.5 AL Birmingham 10 mins on FM @ \$8% 864  
June 12 1992 Tr  
0710 WEAZ 101.1 PA Philadelphia PH/O 12 mi WCBS 1cl 82  
0715 WKSZ 100.3 PA Media PH/O 12 mi WHIT 1cl 95  
0720 WJBR 99.5 DE Wilmington PH/O WBAI @ 12 mi 1cl 100  
Last time I'll mention these, getting common!!!!

### JUNE 13 1992 ES

0934 WMFQ 92.9 FL Ocala 926  
1730 WMFQ 92.9 FL Ocala Real ES Pest 926  
1745 WCTQ 92.1 FL Venice ES Pest 1062  
1758 WFLC 97.3 FL Miami m-rotten music 1102  
2016 WRTQ 98.3 FL Goulds SS //to Bob Smolarek 1119  
2021 WZZR 92.7 FL Stewart Album rock now ex Top 40 1008  
2023 KDFI 101.3 KS Wichita came out of nowhere 1260  
2025 KZSN 102.1 KS Hutchinson 1284  
2046 WLRQ 99.3 FL Cocoa-Lane- NOT ROCK as in FM atlas 994  
2053 WBYL 93.7 FL Vero Beach Big Band mx-Sinatra 983  
2056 WBLX 92.9 AL Mobile 1052  
2059 WDJR 96.9 AL Enterprise Country format now 930  
2103 WEOG 92.5 FL Key West 1213  
2137 WTBB 97.7 FL Bonifay 951

Mileages from Fred Nordquist's DX readouts  
PH/O Phased Over

The first half a June was nearly dead of E-Skip. On the 13th things started to pick up, I must have heard maybe 30 different stations. On the phone with Rich & Bob we were on the same frequency but noted 3 different stations between the three of us at the same time. Noted baseball on 97.7, 100.1, 100.9 and Atlanta Braves on 104.5.

I started to get hooked on scanner skip. There are times where the MUF never reaches TV or FM, but you can DX for hours and hours on end even in the afternoon past lunch time. It is pretty neat to listen to Police and Fire from distances of only 500 miles to 1200 miles away. I have heard NC several times on PSB lowband. Interesting! I really wish that someone would revive the PSB DX column, I'd like to, ..but I don't have the time to do 2 columns. At times you'll hear more interesting stuff on PSB lowband DX than FM. GoodDXing!

## ERNEST COOPER - 5 ANTHONY ST. - PROVINCETOWN, MASSACHUSETTS 02657

Equipment: Sears Model 132 AM-FM + McIntosh MR78 FM tuner & 9 element rooftop rotary antenna

### FEBRUARY 1992 DX

20 Tr  
1612 WBMW 106.5 CT Ledyard. "Mix 106.5". r  
Anybody got an adress for this one, please?

### 22 Tr

1618 WUSL 98.9 PA Philadelphia, Power 99  
with ad for Fox-TV-29 and r

### MAY 1992 DX

24 Es  
2100 KHCD 89.5 KS Salina. // Manhattan, // KHCC 90.1. in till 2200. Symphony for a whole hour. nothing else in! Odd, my third Kansan.

### MAY 1992 DX

25 Es  
0930 KJTY 88.1 KS Topeka, religion

### JUNE 1992 DX

5 Es  
1314 KTMO 98.9 MO Kennett, // KBOA 830  
Said they carry Kansas City BB  
1249 WMC 99.7 TN Memphis tele-talk  
1356 KLYF 100.3 IA Des Moines, o. Moody Blues



In our area, several of the too many locals were losing money, but instead of going dark, they've merged. We have three "pairs" now: WMVY 92.7 & WNTX 96.3, WFXR 93.5 & WFAL 101.1, and (except for morning drive) WATD 95.9 & WATB 103.9. On a recent trip to Frederiksted, US Virgin Is., I had hoped to do a bandscan on the FM band and accordingly took along my FM Atlas #14, only to find out it doesn't list the stations on the VI and PR in the by-frequency section, rendering it virtually useless there. But it does list the Hawaiian stations, and they are further from our shores than the Virgin Islands and Puerto Rico, evidently because it has state status. But we don't DX governments!.....

# NORTHERN FM DX

AUGUST 1992

ERNEST COOPER'S comments continue...

...One which stumped me is on 91.7 with "ro" and the only ID I ever heard was "Z-Gold"! They spoke English without the Island accent, and never mentioned where they are! They can't be in the U.S. territory for they carried commercials, including for cigarettes and whiskey. Anybody know who this is? I'd guess it's in the British Virgin Islands.

## ROBERT ROSS (VE3 JFC) - BOX 1003 STN B - LONDON, ONTARIO N6A 5K1

Equipment: Sherwood S-2660 & Delco car stereo, FM beam & whip for antennas

### MAY 1992 DX

30 Tr  
1425 WRKR 107.7 MI Portage, mix w/ WHSB  
JUNE 1992 DX

### 7 Tr

0035 WFRJ 88.9 PA Johnstown, gospel mx  
Family Radio // WEFR 88.1 Erie, 900 w.

### 8 Tr

1858(WORD) 104.7 PA Pittsburgh, "The new  
FM 104.7 WORD Pittsburgh", religious stn  
1930 WLER 97.7 PA Butler, soft rock, calls

### 13 Es

2100 KLSU 91.1 LA Baton Rouge, ad for  
SE Louisiana night club, local wx  
2132 KKMJ 98.9 CO Pueblo, Colo. Springs  
ad, "Continous Mx 98.9 Magic FM", dance  
2135 KKJQ 97.3 KS Garden City, ads, Q97  
FM IDs and promos

2148 KMAJ 107.7 KS Topeka, calls, oldies

2155 KDCK 95.5 KS Dodge City, local ads  
K95, severe thunderstorms

2156 KSAJ 98.5 KS Abilene, ID with

Salina and Junction City, Oldies Channel

### 14 Es

1538 KYGO 98.5 CO Denver, calls sung  
and "American Country Countdown"

### 14 Tr

1702 WTLR 89.9 PA State College, news  
calls, and gospel music

### 16 Es

0812 KLUX 89.5 TX Robstown, calls, MOR

### 17 Es

1745 KEOM 88.5 TX Mesquite, rock mx,  
PSA annct, ex: 88.3

### 18 Es

2348(WACO) 99.9 TX Waco, "Texas #1 Ctry  
Waco 100", country music, ex: KHOO

2358(KXTN) 107.5 TX San Antonio, SS Pop  
mx, "KXTN Tejano 107", ex: KBUC

### 19 Es

0000 KSJT 107.5 TX San Angelo, calls  
and mixing with KCDU, KXTN

0001(KCDU) 107.5 TX Ft. Worth, ID with  
Dallas, CD 107.5, rock mx, ex: KDLZ

0018 KKTJ 106.1 TX Brenham, c/w mx  
"K-Tex 106" and calls

0042 KPLE 104.3 TX Temple, c/w, promo  
"Super station KPLE-giving away cash"

## ROGER WINDSOR - 706 LONGRUN - VALPARAISO, INDIANA 46383

Equipment: GE modified superradio using hand held dipole

### MAY 1992 DX

25 Es  
1330 WFCH 88.5 SC Charleston, in full \$  
in truck w/ID and Family Radio

### JUNE 1992 DX

0820 WTKC Kankakee, IL noted in  
passing with tourism news for  
Kankakee county on 0600-0000 CDT,  
mono. ID mentions the nation  
educational station in the nation  
offering tourism news.

### 14 Es

1440 KUAD 99.1 CO Windsor, c/w, calls

1445 KCSU 90.5 CO Ft Collins, CLA mx

1450 KSIT 104.5 WY Rock Springs, 1cl  
top 30 countdown, strong!

1500 KGLL 96.1 CO Greeley, cw mx, ID

### 6/14 Es cont.

1500 KCMH 96.9 NE Terrytown, CCM, ID

1509 KBRU 101.7 CO Ft. Morgan, ads, c/w

1510 KMOR 92.9 NE Scottsbluff, UC mx  
with WNDU, same type of music

1511 KNEB 94.1 NE Scottsbluff, cw  
mx 1519 K Q Z R

102.5 CO Craig, No. Colo's #1  
station, country music

1520 KCSP 106.9 WY Casper, CCM  
(Contemporary Christian Mx), ID

### JUNE 17 Es to MT

2232 KRXX 94.1 MT Billings, strong  
with ID into rock music

2240 KGH 95.5 MT Hardin, country  
music, call in show, calls

2300 KEMC 91.7 MT Billings, with ID

2305 KIKC 101.3 MT Forsyth

Totals now 1047 heard. Only new event in Chicagoland radio is that 102.3 WTAS now // to WWHN 1510 Joliet with hard gospel 24 hours a day, but that frequency is a mess with WGTC & WXLC anyway. I was at relatives on June 14 and they had 99.5 WUSN on. At about 2:15p I happend to hear an announcement about the Denver symphony. I ran to my car. 10 new ones in one hour! Wish I could have been home. Glad I have an Atlas in the glove box!

73's de Rog

**NORTHERN FM DX**

**AUGUST 1992**

SAUL CHERNOS - PO BOX 801 - PETERBOROUGH, ONTARIO K9J 7A2 (705) 741-4557

**MAY 1992 DX**

- 25 Es (Peterborough)  
 2130 KQSD 91.9 SD Lowry, SD Pub. R  
 2137 KXRA 92.3 MN Alexandria, KX92  
 2138 KSDN 94.1 SD Aberdeen

**JUNE 1992 DX**

- 3 Es (Burnt River)  
 1822 KMHA 91.3 ND New Town  
 1828 KIZZ 93.7 ND Minot  
 2108 WXL 90.7 FL W. Palm Beach  
 2112 WHLG 102.3 FL Jensen Beach  
 2122 WWKA 92.3 FL Orlando, K92, k  
 2123 WWLV 94.5 FL Daytona Beach  
 2125 WLRQ 99.3 FL Cocoa

**13 Es (Burnt River)**

- 2008 WTYX 94.7 MS Jackson, Oldies 94  
 2012 WSYE 93.3 MS Houston, Sunny 93  
 (Saul, note the call change here-gc)  
 2014 WIIN 98.7 MS Vicksburg  
 2015 WBBN 95.9 MS Taylorsville  
 2016 WEZB 97.1 LA New Orleans, B97FM  
 2021 WMCU 89.7 FL Miami  
 2025 WBAM 98.9 AL Montgomery, Oldies98  
 2034 WBHY 88.5 AL Mobile, g  
 (I figured this one out, Saul-gc)  
 2041 WCTO 92.1 FL Venice  
 2042 KLSF 96.9 TX Amarillo  
 2051 WRKX 96.1 FL Bonita Sps, 96 K-Rock  
 2052 WMMZ 93.7 FL Ocala  
 2057 KTLS 93.3 OK Ada  
 2058 KWGS 89.5 OK Tulsa  
 2100 KMUW 89.1 KS Wichita  
 2102 KFXI 92.1 OK Marlow  
 2104 KZOC 92.9 KS Osage City  
 (ill-timed break for dinner)  
 2151 WCWK 92.3 LA LaPlace  
 2152 KKPR 98.9 NE Kearney  
 2152 KKMZ 98.9 CO Pueblo, 98 Magic FM  
 2155 KYKR 95.1 TX Beaumont, Kicker  
 2159 KILQ 93.9 CO Colorado Springs  
 2159 KSPI 93.7 OK Stillwater, ex 93.9  
 2200 WMBV 91.9 AL Dixons Mills  
 2203 KLLS 96.7 TX Palestine, Star 96  
 2204 KFDI 101.3 KS Wichita  
 2206 KZHE 100.5 AR Stamps  
 2208 KAFX 95.5 TX Diboll  
 2209 KXLS 99.7 OK Alva  
 2210 KWEY 97.3 OK Weatherford, k  
 2213 KSEC 93.3 CO Lamar, tornadoes  
 2215 KPDR 90.5 TX Wheeler, g  
 2218 KEOM 88.5 TX Mesquite, ex 88.3  
 2220 KUAD 99.1 CO Windsor  
 2231 KCMF 88.7 CO Manitou Springs  
 2232 KBCC 97.3 CO Boulder  
 2239 KCFR 90.1 CO Denver

**13 Es continued**

- 2242 KAZY 106.7 CO Denver  
 2245 KQKS 104.3 CO Longmont, KS-104  
 2248 KTRR 102.5 CO Loveland  
 2250 KSOJ 96.1 CO Greeley  
 2252 KYGO 98.5 CO Denver  
 2257 KDCK 95.5 KS Dodge City  
 2259 KMNE 90.3 NE Bassett  
 2300 KCSU 90.5 CO Fort Collins  
 14 Tr (Burnt River)  
 1045 CITE1 102.7 PQ Sherbrooke, FF  
 15 Es (Burnt River)  
 1105 KMUW 89.1 KS Wichita  
 1300 KCMF 88.7 CO Manitou Springs  
 17 Es (Peterborough)  
 1530 KLJC 88.5 MO Kansas City, g  
 1547 KOEZ 92.3 KS Newton, Easy 92  
 1550 KZOC 92.9 KS Osage City  
 17 Es (Burnt River - see notes)  
 1651 KEOM 88.5 TX Mesquite  
 1711 KSPQ 93.9 MO West Plains, Q94  
 1712 KOYN 93.9 TX Paris  
 1715 WMLX 94.1 IL Mt. Vernon, tornado  
 warning, previous trop  
 1721 KJEZ 95.5 MO Poplar Bluff  
 1723 KALR 91.5 AR Hot Springs, The Light  
 1726 KHLT 94.1 AR Little Rock  
 1727 KABF 88.3 AR Little Rock  
 1739 KIPB 88.7 TX Kilgore  
 1744 KETR 88.9 TX Commerce  
 1746 KIPR 92.3 AR Pine Bluff, Power 92  
 1751 KLLI 95.9 TX Hooks, Texarkana  
 QTH, Oldies 96  
 1752 KWKH 94.5 LA Shreveport  
 1755 KKNZ 93.7 LA New Iberia  
 1800 KLDN 88.9 TX Luftkin  
 1805 KTUX 98.9 TX Carthage  
 1810 KAFX 95.5 TX Diboll, K-Fox-95  
 1812 KIVY 92.7 TX Crockett  
 1815 KNAV 92.5 TX Navasota  
 1820 KETX 92.3 TX Livingston  
 1822 KLTR 93.7 TX Houston, K-Light  
 1824 KDEA 99.1 LA New Iberia  
 1830 WXL 94.1 LA Kentwood, Sunny 94.1  
 1832 KMDL 97.3 LA Kaplan  
 1833 KAPB 97.7 LA Marksville  
 1837 KIFA 92.5 TX Groves, from 92.1  
 1840 KLDE 94.5 TX Houston  
 1842 KRIS 92.1 TX Seabrook, Classical92  
 1844 WBSN 89.1 LA New Orleans  
 1852 KXGC 96.9 TX El Campo, X-97  
 1855 KHLA 99.5 LA Lake Charles, LA-99  
 1900 KRVS 88.7 LA Lafayette  
 20 Tr (Burnt River)  
 1235 WCII 88.5 NY Spencer, g

NOTES: Not a bad season. The openings there were have been solid, but many days I didn't see anything, either. A few tornado warnings on FM-TV Es stations I've heard. Also most have been in late afternoon or in evening and a few late nite ones I missed! Has been on TV a bit in mornings but never seemed to get going. I had SD 2&3 same day as Greg Coniglio had same plus what he believes to be Venezuela on 3. Lots of multi-path openings where likely there have been different clouds coinciding. As soon as I noticed Es on TV in Peterborough June 17, I hopped in car, gassed up, logged three new stations, and sped to Burnt River. The Es faded off FM but reappeared in force as soon as I arrived. I thought I'd made the trip in vain but logged about 16 new FMs! Tropo has been next to non-existent. What do you get when you play new age music backwards? New age music. 73's Saul

**NORTHERN FM DX**

**AUGUST 1992**

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

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 36 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax. New loggings are underlined. New call {KXXX}. New propagation mode WWWW.

**JUNE 1992 DX**

- 1 troposcatter  
 1853 WPHD 94.7 PA Tioga, call, rp\$  
 ex 93.3 102  
 8 E-skip  
 1257 WBVM 90.5 FL Tampa, ID, g\$ 1064  
 1300 WMNF 88.5 FL Tampa, ID, j\$ 1064  
 1300 WUSF 89.7 FL Tampa, ID, c\$ 1064  
 2 tropo  
 1020 WNYO 88.9 NY Oswego, ID, rp\$ 107  
 17 E-skip  
 1044 KEOM 88.5 TX Mesquite, call, rk\$ 1212  
 ex 88.3

**19 E-skip**

- 0002 {KCDU} 107.5TX Fort Worth, "CD-107.5"  
 r\$, ex KNOK 1245  
 0009 KCHX 106.7TX Midland, call+"POWER  
 HITS", r\$ 1497  
 0025 KPOS 107.3TX Post, call, k\$ 1414  
 0030 KKKK 99.1 TX Odessa, "QUAD-K"+  
 call, g\$ 1517  
 2359 CKIT 104.9SK Regina, \$ 1340  
 28 Groundwave  
 1328 91.9 ?? ??????, open carrier with  
 antenna west.

I was surprised to hear KEOM Mesquite on 88.5; I didn't know they had changed frequency. The skip on June 19th not only got into West Texas but some of my unIDed I suspect were Eastern New Mexico. I moved the Probe 9 about 2 foot above the UHF dish now. When it was just inches below. I think the dish reflectors were cutting down on the Probe 9's directivity. It seems like there are more and deeper nulls now. Dave

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

Equipment: Technics ST-8080 tuner IF filter modified. Antennacraft FM-10 at 10 feet, RG-6 coax and Channel Master rotor.

New loggings are underlined. New call {KXXX}. New propagation mode WWWW.

**JUNE 1992 DX (using Carver TX-11)**

- 2 tropo & scatter  
 1134 WMRN 106.9OH Marion, k\$ 262  
 "Hot Country-107"  
 1240 WKXU 105.7PA Portage, call+"105.7 Kix-  
 FM", k\$, over CHRE St. Catharines 113  
 1425 WPDX 104.9WV Clarksburg, call, k\$ 213  
 1459 WLAK 103.5PA Huntingdon, call, \$ 108  
 1739 WOHO 104.7MD Ocean City, call+"Lite  
 Rock.. Q-105", r\$ 311  
 1901 CKWR 98.7 ON Ketchener, call, t\$ 142  
 3 tropo & scatter  
 811 WPQR 99.3 PA Uniontown, call+"Q-99"  
 lcl morning news \$ 160  
 1002 WKKW 106.5WV Clarksburg, ID, k\$ 213  
 over WYRK Buffalo  
 1242 CHRW 94.7 ON London, call, t\$ 156  
 1306 CBOQ 103.3 ON Ottawa, CBC \$, c\$ 273  
 over WUFX Buffalo  
 1342 WSIL 102.3NJ Cape May, call, g\$ 283  
 1353 WGRT 102.3MI Port Huron, call, o\$ 213  
 1411 WODE 99.9 PA Easton, call+"OLDIES-  
 99", o\$ 192  
 1430 WHUM 99.9 PA Avis, call, mr\$  
 99.9 & 92.7 "Lite-100" 83  
 1600 WZAK 93.1 OH Cleveland, ID, s\$ 170  
 1622 WDFE 94.3 OH Marion, call, r\$ 262  
 "the station with the difference"  
 1727 WRRK 96.9 PA Braddock, rp\$ 135  
 Pittsburgh's new "97-ROCK"  
 over WGRF Buffalo  
 1750 WQWK 97.1 PA University Park, r\$  
 "97-Quick" 87

**JUNE 1992 DX**

- 3 tropo & scatter continued  
 1859 WZWA 90.1 WV Clarksburg, ID, g\$ 213  
 5 E-skip (using GE SUPER RADIO)  
 825 KOMA 92.5 KS Phillipsburg, call,  
 lcl news \$ 1100  
 13 tropo, scatter & E-skip  
 1053 WKGQ 106.1MD Cumberland, "GO-106"  
 r\$ 164  
 1642 WMRT 88.3 WVMarietta, ID, c\$ 238  
 1704 {WZKL} 92.5 OH Alliance, ID, c\$  
 prev. WDJQ 156  
 1840 WANV 99.7 VA Staunton, "POWER  
 OLDIES-99.7" + call, o\$ 269  
 1941 WXL 90.7 FL West Palm Beach,  
 call, c\$ 1061  
 2100 WVII 91.7 FL Port Charlotte, ID, g\$ 1059  
 2123 WOLZ 95.3 FL Fort Myers, call +  
 "OLDIES-95-FM", o\$ 1082  
 2132 WXXB 103.7FL Cape Coral,  
 "B-103.7" r\$ 1087  
 14 tropo & scatter (back to Technics ST-8080)  
 0830 CKDK 102.3ON Ketchener, "K-102" \$ 142  
 0959 WZLE 104.9OH Lorain, ID, g\$ 194  
 1020 WCPZ 102.7OH Sandusky, call, r\$ 222  
 20 Meteorscatter & tropo  
 1100 WNAA 90.1 NC Greensboro, ID, \$ 417  
 1400 WLIC 97.1 MD Frostburg, ID, g\$ 165  
 WAI family of stations  
 27 troposcatter  
 1027 CKMF 94.3 PQ Montreal, call, FFr\$ 344

Three new states added this month and IDed a meteor scatter signal. Dave



**NORTHERN FM DX**

**AUGUST 1992**

WILLIAM R. HEPBURN - 35 LOCKWOOD RD - BRAMPTON ON L6Y 4T7 (EDT)

Equipment: modified JVC R-X330V w/attic dipoles

000-00 = distance in mi + signal in db.

JUNE 1992		
5 ES		
1004 KEIR	88.9 TX Commerce	1129
1008 -MUF	99.1-	
1029 KCFR	90.1 CO DENVER	1336
5 IR		
1057 WCPZ	102.7 OH SANDUSKY	214
8 IR		
0750 CBOD	103.3 (PQ) OTTAWA ON (CBC Stereo Ottawa)	231-15
[WQZR]	102.7 MI Mt Clemens (ex-WXCD)	176
0758 CJMJ	100.3 ON DITAWA	230-20
0821 WBRR	100.1 PA BRADFORD	129-10
0838 WQRT	98.3 NY Salamanca	T
13 IR		
1659 WCML	91.7 MI ALPENA (CMU Public Radio)	240
1709 WAITZ	99.3 MI ALPENA	204
14 IR		
0838 WDFX	99.5 MI Detroit	T -10
17 ES		
1723 KMAG	99.1 AR Fort Smith	944-30
1727 KUTT	91.7 TX Dallas (powerful 65 db !!)	1203-65
1729 KCJC	100.9 AR RUSSELLVILLE	917-10
1732 KERA	90.1 TX DALLAS-FI WORTH-DENION	1203-25
1757 KLDN	88.9 TX LUFKIN-NACOGDOCHES	1176-10
1803 KWEH	97.1 AR CAMDEN	988-30
1808 KRMD	101.1 LA Shreveport	1077-35
1812 -MUF	105.1-	
1820 KUEZ	99.3 TX LUFKIN-NACOGDOCHES	1176
1826 KMYX	99.1 MS Greenwood	900-20
1827 KQDA	99.1 TX HOUSTON	1302

17 ES		
1839 KULL	94.7 TX Woodville	T -10
1849 KLSA	90.7 LA Alexandria	1087-20
KPVU	91.3 TX PRAIRIE VIEW	1292-20
1850 KIFA	92.5 TX GROVES-BEAUMONT-PTA-ORA	1219-15
1853 KHLA	99.5 LA LAKE CHARLES	1168-20
1901 KPFT	90.1 TX Houston	1284
18 ES		
2303 KIXY	94.7 TX SAN ANGELO	1403-25
2310 KKKK	99.1 TX Odessa	T
2317 KLSC	104.7 TX LAMESA-LBB	1395-25
2326 KDEI	102.3 TX CENTER (// KDEI-AM/FM ID)	1132-20
2327 KNIA	104.9 TX ROSENBERG-HOU (SS, Radio Mia)	1313-10
2339 KYCX	104.9 TX MEXIA-GROESBECK	1229-20
2341 KLSX	107.3 TX WHITEHOUSE-LONGVIEW-TYLER-JACKSONVILLE	1146-45
2347 KSJT or KXTN	107.5 TX unid SS	-20
2349 -MUF	117.6-	
19 ES		
0000 KFGI	94.7 TX LULING-AUS (// KFGI-AM/FM ID, ex-KAPT)	1368-30
0011 KGKL	97.5 TX SAN ANGELO	1401-15
0018 KKYX	106.7 TX TERRELL HLS-(new calls) SAN ANTONIO	1437-15
0026 KTFM	102.7 TX SAN ANTONIO	1424-20
0032 KUTT	91.7 TX Dallas	1203
0034 KMAG	99.1 AR Fort Smith	944

**KACE**

**HARRY HAYES - 9 HENRY ST. - WILKES-BARRE, PENNSYLVANIA 18702**

Equipment: Superradio II mod w/110 khz filers, Radio Shack at the set amp, 9 el Jerrold FM attic

JUNE 1992 DX		
13 GW		
1500 W219-	91.7 PA Catawissa, with fair signal, repeats WRGN @ 30 miles	
13 Es		
2033 KTTS	94.7 MO Springfield	
2033 KSHE	94.7 MO Crestwood, K-She ID with progressive rr	
2121 KLDZ	95.1 NE Lincoln, oldies	
2024 KOKF	90.9 OK Edmond	
2207 KFXI	92.1 OK Marlow, ID c/w requests local WYOS off due to difficulties	
17 Es		
1721 KNEN	94.7 NE Norfolk	
1725 KLDZ	95.1 NE Lincoln	
1751 KJCK	94.5 KS Junction City	
1752 KZZD	91.1 KS Wichita, "Christian Rdo" pledges and IDs log lists as 90.7, but it seemed	

17 Es cont.		
more like it was on 91.1		
1811 KEBC	94.7 OK Oklahoma City	1815
KOKF	90.9 OK Edmond	
1824 KKNQ	92.5 OK Oklahoma City, Mix	92.5
1831 KTLS	93.3 OK Ada, oldies, new MX mx some WMGS sidebar problems	
1853 KCBI	90.9 TX Dallas, wx report	
20 TX		
1900 WNTQ	93.1 NY Syracuse, IDs, modern good despite local on 92.9	140
1957 WKFM	104.7 NY Fulton, Kix FM	155
2016 WDCX	99.5 NY Buffalo, religious	220
2034 WYYY	94.5 NY Syracuse, oldies, poor sig. compared to other Syracuse stations also problems from WDAC & WCHR	
2035 WMHR	102.9 NY Syracuse, strong, relig.	

Thanks to the 110khz filter 93.1 in Syracuse was heard for the first time from Wilkes-Barre. Previously heard in Thornhurst-12miles east and where WMGS-92.9 is just slightly weaker. Not much at all in lake June. It looks like we're back to 1991 CX for the time being.

**NORTHERN FM DX**

**AUGUST 1992**

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

Equipment: JVC JRS201 receiver with 3 110 khz filters, Sleuth 205 amp, Probe 9 fed with RG6 at 50' AGL, crown rotor, distances are in kilometres

MAY 1992 DX		
31 MS		
0823 WLVE	93.9 FL Miami Beach, rj, Love 94 local ad "Your dealer in South Florida"	1944
JUNE 1992 DX		
1 MS		
1744 WDXR	94.3 IL Golconda, k, sx promo	1015
13 Es		
2128 WOLL	94.3 FL Riviera Beach, o, Oldies 94.3 mx Temptations "Get Ready"	1886
2138 KUAD	99.1 CO Windsor, K99, k "on Colo. favorite country K99", 37th STATE!	2056
2140 KKCS	101.9 CO Colorado Springs, KCS	2116
2141 KKSP	94.7 CO Boulder, rj, calls and music by Patti LaBelle	2184
2143 KRDO	95.1 CO Colorado Springs, b "With today's soft favorites on 95 KRDO FM"	2116
2152 KKMG	98.9 CO Pueblo, sr, 98.9 Magic FM "You're jammin to ten in a row"	2128
2155 KHOK	100.7 KS Hoisington, r, FM101	1642
2158 KVUU	99.9 CO Pueblo-Colorado Sps k, "K-View Co. weekend", Solid Gold show	2128
2200 KCFR	90.1 CO Denver, c, local wx	2082
2208 KBUZ	99.1 KS El Dorado, g, Lite 99	1518
2215 KSEC	93.3 CO Lamar, k, KC93, also heard was tornado warning	1967
2222 KSPZ	92.9 CO Colorado Springs, o Oldies 92.9 mention of KKTV	2116
2225 KGLS	93.1 KS Pratt, k, LS Country	1679
2240 KCSU	90.5 CO Ft. Collins, cj, Sat. Nite Shuffle Oldies Show	2070
2245 KCGY	95.1 WY Laramie, k, Y95, local weather "Y95 KCGY", 38th STATE	2093
2257 KCNE	91.9 NE Chadron, cn, "this is listener supported KCNE FM 91.9 Chadron" see notes	1854
2242 KMUS	101.9 WY Burns, k, K-Moose	1992
2259 KZNA	90.5 KS Hill City, fj, High Plains Public Radio, wx for SE, SW KS	1679
2326 KQSW	96.5 WY Rock Springs, k, Q96 "The spirit of Wyoming" Farthest e-skip to date.	2392
15 Es		
1245 KNEN	94.7 NE Norfolk, rm, Patti Austin music, "K-Nine 94.7" heard	1415
1248 KJLT	94.9 NE N. Platte, g, calls	1702
18 Es		
2328 KZPS	92.5 TX Dallas, talk, op "on your classic rock station KZPS"	1840
2332 KBHT	93.5 TX Crockett, rm, "best hits 93.5 HOWDY JOE GRAGG!"	1875
2341 KTYL	93.1 TX Tyler, r, ph 593-8093	2243
2343 KKBQ	92.9 TX Pasadena, k, "KKBQ FM Pasadena 93, KKBQ Houston"	2013

JUNE 18 Es cont.		
2348 KSCS	96.3 TX Ft. Worth, k, ph 787-1963	1900
2353 KWTX	97.5 TX Waco, r, night club w/ Waco address, "Better variety on 97.5"	1955
2357 KLUV	98.7 TX Dallas, o, K-Love 98.7	1840
19 Es		
0000 WACO	99.9 TX Waco, k, FM 100, "Waco FM 100 is WACO, Texas #1 country" "W" in call letters?	1955
0004 KOKE	101.5 TX Giddings, g, calls hrd	2070
0006 KTFM	102.7 TX San Antonio, rs, Hot 103, calls, TX DX record!	2236
0007 KJOJ	103.3 TX Freeport, g, "On KJOJ, Greater Houston's Joy of Jesus"	2093
0013 KXYL	104.1 TX Brownwood, k, calls	2105
0022 KKYS	104.7 TX Bryan, "Your original Summer Party Station 104.7 KYS FM"	1992
0024 KQIZ	105.9 OK Hobart, r, KQ106 39th STATE!	1863
0028 KKYX	106.7 TX Terrell Hills, k, "Classic Country 106.7 KKYX", Sung out new calls, ex: KMMX, mx "Home Grown Tomatos", "Tomatoes?" Damn Quayle, got me all confused on my spelling!	2226

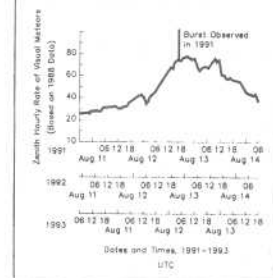


Fig 2—Zenith hourly rate for visual observation of Perseids meteors, August 10-13, based on 1988 data. The zenith hourly rate is the calculated number of meteors per hour an observer could count under optimal viewing conditions if the radiant was at its highest point in the sky. The 350-500 meteor/hour burst reported during 1991 occurred near the first of two apparent peaks in Perseids meteors. Corresponding dates and times for 1991, 1992 and 1993 have been superimposed on these data for reference purposes. Radio meteors may peak at slightly different times because many are sub-visual. Adapted from August 1991 Sky & Telescope, page 174.

Thanks Greg for inviting me to ride shotgun on an e-skip trip to Florida. You didn't tell me though that we were going to take a wild side trip deep into the high plains. Thanks to you netted 2 new states, furthest log, & never before have I been able to snag 91.9. Pesky local CKPC 92.1 splashed all over 91.9 until this trip. Thanks a lot! Monitoring 102.1 CFNY (modern rock) expecting a likely format change. Already many heads have rolled. Suspect classic rock due to 95.3 CJXY Y95 Hamilton unprecedented doubling of it's audience with 'op' format. Will sadly miss modern rock & some of the DJs. I hope they will consider a classic alternative format. Would that be listed as rpop format, I only hope  
73 dB. Bruce Hall

**REPORT YOUR SUMMERTIME DX NOW!**

Equipment: Kenwood KT-815 w/4 150's; Antennacraft FM-10 up 30', RS 20 dB variable attenuator, and RS Color Supreme III (glorified rabbit ears) used for some phasing.

JUNE 1992 DX

Table of radio frequency listings for June 1992, including call signs, frequencies, and locations. Includes sub-sections like '4 Tr', '5 Es', '6 Es', '7 MS and Tr', '8 Tr', '9 Tr/GW', '10 Es', and '14 Es'.

14 Es(cont)

Continuation of radio frequency listings from the previous page, including call signs, frequencies, and locations. Includes sub-sections like '16 Tr' and '17 Tr'.

MIKE HAWK'S REPORT CONTINUED

Table of radio frequency listings for Northern FM DX, including call signs, frequencies, and locations. Includes sub-sections like '17Es', '18 Es', '19 Es', '20 Es', '21 Es', and '22 Tr'.

18 Es(cont)

Continuation of radio frequency listings from the previous page, including call signs, frequencies, and locations. Includes sub-sections like '23 Tr', '25 Tr', and '26 Tr'.

MIKE HAWK'S REPORT CONTINUED

<b>27 Tr</b>		<b>28 Tr</b>	
0024 KOTM 97.7 IA Ottumwa, r; lcl ads	190	2257 KJTH 91.1 KS Hiawatha, //KJTY 88.1	98
0059 KQND 107.5 OK Ketchum, K-Grand	343	<b>29 Tr</b>	
0100 KMMY 97.1 OK Muskogee, k; Y-97	380	0014 KZOC 92.9 KS Osage City, KZ-93	179
0122 KMGJ 104.1 OK Okla City, Magic 104	405	0805 KFOU 99.1 MO Clayton, Classic 99	351
0134 KSLK 105.5 OK Seminole, k; ID	415	0810 KPTN 92.1 MO Trenton, ID	150
0148 KOLL 106.1 OK Owasso, Cool 106	342	0917 WBBB 97.5 IL Pittsfield, BEA; k	298
0228 KTCZ 97.1 MN Minneapolis, The Cities	297	0920 KEXB 102.3 MO Canton, B-102; o	248

NOTE: The 6/16 loggings to TX, OK, and IA were very strange. Was NOT E-skip, as there was very little activity on 10 Meters and none on channel 2, 4, or 5. Signals were weak, but there a lot of flutter and fading. Sounded like TrS, but some distances were too long for that. Although there was tropo earlier in the day, unlikely this was tropo. Winds were at 20 mph gusting over 40 mph, making Tr unlikely. The winds aloft were just as strong. Most all stations, semi-locals & those logged, were fading and rising rapidly, but stayed weak- much weaker than any Es I've heard. Later, a special weather statement from the National Weather Service stated that "extremely intense" wind shears had begun around 1730 & dangerous t'storms were likely to develop. KZFX was in from 1808 to 1908. At around 1920, an intense t'storm began to develop directly over us. About 10 minutes prior to the first stages of development, the strange conditions stopped. If this wasn't Es, Tr, TrS, or AU, then maybe wind shears do induce some sort of Es like propagation?

The weather was cool the first half of the month, so tropo wasn't good until the 6/16 monster tropo. I've added a RS 20 dB attenuator to my shack, & it works great. For those of you who have even the slightest overload problems, & have put off getting an attenuator (like I did), I recommend you get one. More than one of the above loggings would not have been possible without the attenuator. On a different note, the 6/17 Es was very strange. It seemed to move SOUTH! The late night opening on 6/18 was a surprise. It was easily the strongest skip I've heard, with several stations in over semi-locals. The band was still open a little to the NW at 2:36 AM when I went to bed. One observation: after the short opening on 6/21, no skip was heard through 6/30. There was hardly any on 10 meters (very rare), making that band the worst it had been since April! It has shown no signs of opening, at least in the next day or two. I guess this averaged with the great mid-June conditions to form an above average month. I've now heard 587 on FM from 48 political units. The above distances are from F. Nordquist's printout, which I recommend. 73

JOSEPH PELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MK-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: ELT

<b>JUNE 1992</b>		<b>16 Tr</b>	
<b>3 Tr</b>		0050 Locals WXRK-92.3, WQXR-96.3, WSKQ-97.9,	
0600 WJXN 105.9 DE Lewes, ID, k,		WNCN-104.3 noted off per Bill N. tip.	
		Local WNWK phased	136
<b>13 Es</b>		0058 WLGL 92.3 PA Riverside, k, legal ID	
1941 WQLM 92.9 FL Punta Gorda, ID, b,		w/WYGL and WYGL-FM	123
		ex: 92.7	1039
2000 WSOR 90.9 FL Naples, ID, g		0124 WPKX 97.9 CT Enfield, k, mostly	
2024 WFIC 97.3 FL Miami,		"Kix 97.9" but call also used once	136
		0215 {WERQ}92.3 MD Baltimore, legal ID +	
		"The New Q-92", r, ex:WSID/WLPL/WYST	146
2033 KUDL 98.1 KS Kansas City, SID,		<b>17 Tr</b>	
		0551 {WDCK}96.5 VA Williamsburg, "The Duck",	
		o, last hrd as WBCI, WWDB phased	256
2043 KOGA 99.7 NE Ogallala, call, ads		0558 {WKOD}94.1 VA Yorktown, legal ID	
2059 WRWA 88.7 AL Dothan, net ID		with WKOC, "The Coast, last heard	239
2059 KPNE 91.7 NE North Platte, ID		as WYVA, WYSP phased	284
2100 WWFR 91.7 FL Okeechobee, ID		0600 WFOS 88.7 VA Chesapeake, s/on	
		0601 WOEL 89.9 MD Elkton, ID,	
		WOCR phased	102
2134 WPHK 102.3 FL Blountstown, WYBT-1000		2217 WDLX 93.3 NC Washington, ID, lite r	395
		spot, WPHK ID	920
2138 KIKM 96.7 TX Sherman, call, k		2237 WRNS 95.1 NC Kinston, ID, k	410
2143 KNIN 92.9 TX Wichita Falls, ID, r		2303 WMDM 97.7 MD Lexington Park, clear ID,	
2144 KZPS 92.5 TX Dallas, call,		r, WAFL phased	195
		2324 {WFNN}98.7 NJ Villas, "Fun 98.7"	
		ex: WLQE, WRKS phased	111
2151 KOYN 93.9 TX Paris, call, spot,		2348 WTRG 100.7 NC Rocky Mount, o, SID	385
		local WNYC phased	1248
2153 KSCS 96.3 TX Ft. Worth, call, k		<b>18 Tr</b>	
2157 KEKO 96.5 OK Elk City, ID, k		0000 WOTJ 90.7 NC Morehead City, ID, g,	
		WFUV phased	424
		<b>18 Es</b>	
		2349 KNIN 92.9 TX Wichita Falls, ID, r	1418
2200 KOBC 90.7 MO Joplin, ID		<b>19 Es</b>	
2208 KXLS 99.7 OK Alva, wx, call, r		0006 KFXI 92.1 OK Marlowe, k, "Foxy 92"	1352

COMMENTS: The period of June 20-29th was completely DX-free here although I may have missed one or two minor Es openings. One of the poorest June Es periods ever witnessed here. Even the TV has been clear of Es virtually every day. 73, Joe

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607 (716) 461-2717

Equipment: JVC auto radio

JUNE 1992 DX

<b>2 Tr (Niagara-on-the-Lake Ontario)</b>	
1200 WPHN 90.5 MI Gaylord, Northern Christian	
Radio, also mention of WOLW 91.1	
1200 CBO 91.5 ON Ottawa, CBC	
1201 CBOF 90.7 ON Ottawa, CBC	
<b>4 Tr</b>	
1459 WYSU 88.5 OH Youngstown, ID under	
WCII with WRUR off the air	
<b>6 Tr</b>	
0200 CKNX 101.7 ON Wingham, satellite rock,	
Canada PSAa, Broadcast news, WBTF off, u/WSCP	
<b>9 Tr-TrS</b>	
1157 CIMX 88.7 ON Windsor, ID and rock mx	
WBFO and WRUR off at the same time!	
1159 CIRV 88.7 ON Toronto, Middle Eastern	
language program, then an ID	
1325 WJCH 91.9 IL Joliet, Family Radio's Harold	
Camping // WFRW 88.1 Webster.	

JUNE 16 Tr

0859 WPRR 100.1 PA Altoona, ID, ads, TV8 wx	
over WBRR Bradford	
0910 WAMO 105.9 PA Pittsburgh	
<b>18 Tr</b>	
1500 WKSU 89.7 OH Kent, classical music, ID	
NPR news, WITR off, under WEOS	
<b>25 TrS</b>	
1053 WGKX 105.9 TN Memphis, "Kicks 106".	
"Overdrive Radio Network" mentioned at 1127	
after k music. This is the only Kicks show n in	
FMA. (It was in that long? Maybe it was some	
weak skip, or there is a new Kicks somewhere in	
the Northeast now. Anyone know?gc)	

**WAMU88.5**  
RADIO IN THE AMERICAN TRADITION

I've seen no E-skip on FM during June, and only a few times on TV. I hope Memorial Day wasn't the last of it. (There has been a little skip since then Jim, but not that much! None AT ALL here on FM June 13-July 7-gc)

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

Equipment: Receiver-Carver TX-11a modified with five (Murata) 110 khz IF filters. Antenna: two CM Probe 9s (SP9s) (on separate masts) at 35'AGL, CAC-11 75 ohm coax feedlines (cut 1/2 wavelength difference at 100 Mhz), 3 variable capacitors in series in metal box and RS variable attenuator for antenna matching/phasing, and home brew tuneable band-pass filter. Underlined new to log (with Stereo). Distances in parentheses.

JANUARY 1992 DX

6 Es: briefly to west (MO/KS) 2332-2350. No IDs

MARCH 1992 DX

3 GW	
0055 WKGG 102.7 NY Cape Vincent, Oldies	
103 ID (now Lite 103 I think-gc)	70
<b>16 GW</b>	
2218 WMAX 106.7 NY Irondequoit, "rock	
without the hard edge"	74
1500 WBER 90.5 NY Rochester,	
ex-Henrietta	74

MAY 1992 DX

7 Es: briefly to the west 1840. no IDs

10 Au: strong 0930-1630. no IDs

15 Es: briefly to FL 1957-2005. no IDs

24 Es KS/MO 2030-2130

2037 KNGM 91.9 KS Emporia, g	
Kingdom 92	1099
2054 KYYS 102.1 MO Kansas City, KY1021000	
2105 KSMU 91.1 MO Springfield, cl	993
<b>25 Es LA/TX/MS/TN/AR/ND 1237-2200</b>	
1237 KBAU 94.3 LA Galliano	1177
1248 WQUE 93.3 LA New Orleans	1196
1300 KOKI 95.3 LA Bayou Vista	1252
1343 KQXY 94.1 TX Beaumont, 94Q	1344
1338 KYKR 93.3 TX Pt.Arthur, lcl ads	1345
1347 WBAD 94.3 MS Leland, lcl ad	1046
1403 KTPB 89.7 TX Kilgore, ID	1265
1412 WODZ 94.3 TN Germantown,	
Oldies 94	921
1420 WGKX 105.9 TN Memphis, Kix 106	928
1423 WSMS 91.7 TN Memphis, j	928
1425 KEOM 88.5 TX Mesquite, lcl pgm ID	1329
2030 KOBC 90.7 MO Joplin, wx/ID	1057
2052 WVSD 91.7 MS Itta Bena, ID	1018
2053 KGRM 91.5 LA Grambling, ID	1164
2140 KQDJ 95.5 ND Jamestown,	
K 95 1/2, country	1132
<b>JUNE 1992 DX</b>	
<b>13 Es</b>	
CO-NM?? 2206-2245, no IDs. I missed most of	
opening due to my surprise 50th birthday party	
sprung by my wife and friends. Kurt Richardson of	
Syracuse did log a number of midwestern states	
including Colorado, etc.	
17 Es TX 1818-1921	
1818 KBUS 101.9 TX Paris, IS	1328
1828 KPXI 100.7 TX Mt.Pleasant,	
new K101 and country	1234
1846 KJCS 103.3 TX Nacogdoches,	
KJ 103, country	1292
1902 KHRN 94.3 TX Hearne, ID	1411
<b>18 Es TX 2324-2400</b>	
2342 KKQB 92.9 TX Pasadena,	
Easy Country, weather	1413
<b>19 Es MB 1934-2400</b>	
2359 CHIQ 94.3 MB Winnipeg, Chic-FM	
(Oh, sounds like a slogan change there-gc)	1103
<b>19 GW</b>	
0026 WSQC 91.7 NY Oneonta, jazz	
parallel to WSKQ and WSQG	72
<b>20 GW</b>	
1100 WRTY 91.1 PA Jackson Twp, Temple	
Univ. Radio Network, ID// WRTI, WJAZ	151

Totals now at 1600. (Congrats!-gc). Es and weather have cooled down considerably in the 1st week of summer. Hope end of June/early July will bring some Es surprises to all of us. 73 - Fred.



JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 1LO

EQUIPMENT: Magnum Dynalab FT 101A, Probe 9 at 27' with rotor, R911 feedline, Magnum Dynalab 205 preamp

MARCH 1992 DX

18 Trs  
1345 [CKWF] 101.5 ON Peterborough, r\$, The Wolf 101.5FM. Listened for over an hour and never heard legal ID. Ex: CFMP 167  
1924 [WRRK] 96.9 PA Braddock, r\$, ID 97 Rock, Ex: WFFM and WMYG 238  
19 Trs  
1921 [WXXM] 92.1 MI St. Johns, b\$, ID 158  
20 MS  
0308 CBAL 98.3 NB Moncton, probably one with bursts from CBC French network 838  
1340 WNSL 100.3 t MS Laurel, "here in MS we..."  
1443 CKMF 94.3 PQ Montreal, probably the one with French weather report 414

APRIL 1992 DX

22 GW  
2002 [WDZR] 102.7 MI Mt. Clemens, r\$, Z-Rock ex: WXCD and WLBS 98

MAY 1992 DX

9 Trs  
1556 [WZKL] 92.5 OH Alliance, ro\$ Kool 92, ex: WDJQ 188  
25 Es  
2026 WOLZ 95.3 FL Ft. Myers, Oldies 95.3 1175  
2035 WZGC 92.9 AL Atlanta, ads\$, 293 699  
2038 WMMK 92.1 FL Destin, ads\$ 953  
2054 WASK t 95.5 AL Ashland, k\$, All New Country 95  
2055 WIJK 93.3 AL Evergreen, ID 893  
2057 WEGS 91.7 FL Milton, g\$ 947  
2059 WJWS 91.9 AL Jacksonville, pr\$, 92J 715  
2108 WBLX 92.9 AL Mobile, r\$, 93BLX Jams 963  
2111 WKSJ 94.9 AL Mobile, ads\$, 95 KSJ 963  
2114 WSHY t 88.5 AL Mobile, g MONO, Power 88 (Jeff, I heard them use that slogan, but in stereo. If no one else uses that slogan maybe you just had them during technical problems-gc)

JUNE 1992 DX

13 Es  
2051 WMAW 88.1 MS Meridian, rg\$, FM88 870  
2111 KSKL 94.5 KS Scott City, o\$, Cool 94.5 1070  
2112 KDCK 95.5 KS Dodge City, r\$, K-95 1050  
2113 KRZJ 96.3 KS Derby, r\$, ID 926  
2118 WEEJ 100.1 FL Ft. Charlotte, r\$, Coast 1150  
2120 KKQL 102.5 KS Goodland, tornado wng\$ 1085  
2127 KKCS 101.9 CO Colorado Springs, PSA for Rehabilitation Hospital of CS 1254  
2129 KYGO 98.5 CO Denver, ID\$ 1242  
2130 KBBE 96.7 KS McPherson, ro\$, wx 916  
2133 KSEC 93.3 CO Lamar, k\$, ID 1166  
2135 KCFM 96.5 CO Colorado Springs, r\$ 1254  
2138 KMML 98.7 TX Amarillo, contest\$ 1228  
2139 KBUZ t 99.1 KS El Dorado, g\$, Light 99 FM (Jeff, you had this down as an unID. It is probably KBUZ you heard with their new format-gc)  
2143 KVOD 99.5 CO Denver, c\$ 1242

JUNE 13th Es continued

2147 KVAY 105.7 CO Lamar, k\$ 1166  
2128 KAKS 107.9 TX Canyon, ID\$ 1247  
2150 KRXY 107.5 CO Lakewood, r\$, Mix 107.5 1245  
2151 KLLI 106.3 CO Widefield, ads\$ 1254  
2154 KAZY 106.7 CO Denver, r\$ 1242  
2158 KXKL 105.1 CO Denver, ID\$, Cool 105 1242  
2200 KQCR 107.7 KS Goodland, r\$ 1085  
2202 KFFX 104.9 KS Emporia, ID\$ 845  
2204 KKRJ 107.3 KS Wichita, rs\$, ID 924  
2215 KQKE 90.9 OK Edmond, rp\$, ID 1012  
2218 KARK 95.7 TX Claude, r\$ 1211  
2222 KGWY 100.7 WY Gillette, ads\$, Y-100 1193  
2233 KCLV 99.1 NM Clovis, k\$, Country 99 1328  
2237 KBLU 94.1 TX Amarillo, k\$, Y94FM 1228  
2239 KUVO 89.3 CO Denver, j\$ 1242  
2240 KSCU 90.5 CO Ft. Collins, ID\$ 1225  
2244 KIQM 99.9 NM Clovis, ID\$ 1328  
2245 KQGY 95.1 WY Laramie, wx\$, Y95 1236  
2254 KILQ 93.9 CO Colorado Sps, ads\$ 1254  
2258 KRZA 88.7 CO Alamosa, g\$, S CO wx 1346  
2300 KENU 89.5 NM Portales, ID\$ 1341  
2306 KILI 90.1 SD Porcupine, American Indian Program \$ 1034  
2358 KCNE 91.9 NE Chadron, ID\$ 1084  
14 Es  
0000 KRNE 91.5 NE Merriman, ID into news parallel to KCNE 91.9 1016  
0010 KBLU 92.1 CO La Junta, k\$ 1216  
0012 KTRZ 93.1 WY Riverton, ads\$ 1350  
1559 KUWR 91.9 WY Laramie, ID\$, wx rpt 1236  
1600 KDHT 92.5 CO Greeley, k\$, ID 1210  
1601 KUNC 91.5 CO Greeley 1210  
17 Es  
1809 KJEF 92.9 LA Jennings, k\$ 1111  
1813 KAYD 97.5 TX Beaumont, k\$ 1165  
1821 KTEA 92.5 TX Groves, ads\$ ex 92.1 1167  
1823 KKNZ 93.7 LA New Iberia, ads\$ 1099  
1824 KBAU 94.3 LA Galliano, ro\$ Bayou 94 1060  
1827 WCKW 92.3 LA LaPlace, ads\$ 1055  
1832 WXLt 94.1 LA Kentwood, Sunny 94.1 1001  
1836 WJDR 98.3 MS Prentiss, ads\$ 947  
1839 WIMZ 95.7 LA New Orleans, Mix 95.7 1056  
1840 KSMB 94.5 LA Lafayette, ads\$ 1016  
1851 WQLE 93.3 LA New Orleans, r\$, 993 1056

**103.3 WMBC FM**  
Mississippi's Best Country  
POST OFFICE BOX 707, COLUMBUS, MISSISSIPPI 39703

Nice to finally get a few skip openings here. An excellent article on E-skip by Pat Dyer and Emil Pocock in March QST. Also, thanks to Fred Nordquist on his fine printouts of station distances, a great help! 73 for now, Jeff

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 with Bolin phase box. \*Made possible w/use of box.

April 1992 (CDT)  
0 tr  
0201\*WPPF 90.5 MI Sturgeon Bay, g\$ 337  
(o/WKAR 90.5 MI East Lansing) 182  
11 tr  
0110 WLKI 100.3 IN Angola, r\$ 102  
ex-100.1  
16 tr  
0700\*WKOM 102.9 IN Cannelton-Tell City-Hawesville KY, k\$ 173  
(o/WAZU 102.9 OH Springfield) 85  
May 1992  
3 trs  
0125 KRMD 101.1 LA Shreveport, k\$ 706  
3 MS  
??? WMT0 93.5 FL Port St. Joe 716  
4 tr  
0500 WIKK 103.5 IL Newton, r\$, s/on (1st day on air) 165  
5 MS  
0333 WKRY 93.5 FL Key West 1100  
8 Es  
0938 KLUX 89.5 TX Robstown, PSA \$ 1109  
0942 KHOY 88.1 TX Laredo, b\$ 1193  
0949 KSAB 99.9 TX Robstown, SS \$ 1109  
1020 XHLD0 88.9 TA Nuevo Laredo, l\$, 1195 "Radio Tamaulipas"  
9 tr  
2300\*WZMX 107.9 IL Arcola-Charleston- Mattoon, rp\$, // 95.3 160  
(o/WTP1 107.9 IN Indy) 50  
10 tr  
0200\*WKOT 96.5 IL Marseilles, o\$ 192  
(o/WAZV 96.5 IN Lafayette) 81  
12 Es  
1618 KRKX 94.1 MT Billings, r\$ 1228  
1622 KYVA 93.3 MT Billings, ads \$ 1228  
19 tr  
0426\*WZIO 94.9 OH South Webster-Wheelersburg-Minford, k\$, "I-95" 160  
(o/WOPX 94.9 OH Fairfield-Cinci) 74  
25 Es  
1834 KCSU 90.5 CO Fort Collins, nx\$ 1037  
29 MS  
0047 unID 88.1 ?? ? ???  
30 MS  
0229 WKRY 93.5 FL Key West 1100  
June 1992  
3 MS  
0619 WUWF 88.1 FL Pensacola 683  
??? CBF-8 88.1 PQ Trois Rivières 774  
5 MS  
0800 WUWF 88.1 FL Pensacola 683  
5 tr  
2359\*WIXY 100.3 IL Champaign-Urbana, 151 "Wixie-100.3," (1st day on air), k\$ 39  
(o/WCNB 100.3 IN Connersville)  
6 tr  
0359\*WOHP 88.3 OH Portsmouth, g\$, 162  
(o/WAIF 88.3 OH Cincinnati) //WCDR 88  
7 MS  
??? KBHF 93.5 TX Crockett, prev. Es 834  
7 tr  
2359\*WTRC 91.1 IL Kankakee, t mono, 145  
(o/WGCS 91.1 IN Goschen) tourism 100  
8 MS (June cont'd)  
??? WUWF 88.1 FL Pensacola 683  
12 MS  
??? WRR 101.1 TX Dallas 815  
13 Es  
2043 KILQ 93.9 CO CO Springs, r\$ 1040  
2044 KMKK 93.9 SD Rapid City, r\$ 953  
2047 KSQY 95.1 SD Deadwood, r\$ 982  
2050\*KRCS 93.1 SD Sturgis-RC, k\$ 972  
(o/WKLR 93.1 IN Indy) 50  
2059 KEZV 101.1 SD Spearfish, k\$, Previous MS 990  
2103 KOMI 96.9 NE Terrytown, \$ 964  
2107 KTEQ 91.3 SD Rapid City, r\$, 710w, -72m 953  
2110 KVVU 99.9 CO Pueblo, k\$ 1038  
2121 KWBI 91.1 CO Morrison, g\$ 1047  
2122 KDHT 92.5 CO Greeley, k\$ 1018  
2127 KRDO 95.1 CO CO Springs, \$ 1040  
14 Es  
1329 KPMX 105.5 CO Sterling, r\$ 939  
1335 KQKS 104.3 CO Longmont, r\$ 1041  
1341 KNNG 104.7 CO Sterling, r\$ 939  
1344 KYGO 98.5 CO Denver, k\$ 1040  
1345\*KFBO 97.9 WY Cheyenne, r\$ 1021  
(o/WXXP 97.9 IN Anderson) 16  
1346 KQMT 101.5 CO Eagle, r\$ 1137  
1347 KELN 97.1 NE North Platte, \$ 809  
1355 KUWR 91.9 WY Laramie, c\$ 1050  
1403 KEDT 90.3 TX Corpus Chr., c\$ 1098  
1408 KOUL 103.7 TX Sinton, k\$ 941  
1410 KSMF 91.1 TX Lufkin, g\$ 805  
1413 KRQU 102.9 WY Laramie, r\$ 1060  
1422 KPNY 102.1 NE Alliance, r\$ 919  
1425 KTRS 95.5 WY Casper, r\$ 1099  
1430 KTNE 91.1 NE Alliance, f\$ 919  
1430 KRNE 91.5 NE Merriman, f\$ 865  
1430 KCNE 91.9 NE Chadron, f\$ 931  
River City Folk All three //  
1431 KMLE 88.1 TX Round Rock, g\$ 963  
1431 KNEB 94.1 NE Scottsbluff, \$ 960  
1437 KGWY 100.7 WY Gillette, r\$ 1068  
1453 KMKK 93.9 SD Rapid City, r\$ 953  
1500\*KILI 90.1 SD Porcupine, t\$ 893  
(o/WFYI 90.1 IN Indy) 50  
1518\*KGHL 95.5 MT Hardin-Billings, 1118  
(o/WFMS 95.5 IN Indy) k\$ 50  
1528 KXEI 95.1 MT Havre, g\$ 1332  
1535 KMCM 92.5 MT Miles City, r\$ 1116  
1601 KMHA 91.3 ND New Town, k\$ 1006  
15 tr  
2227 WGLM 106.7 IN West Lafayette-Lafayette-Monticello, mr\$ 82  
15 Es  
2255 KLDE 94.5 TX Houston, ads \$ 915  
2300 KACC 91.3 TX Elvin, \$, 800w 37m 931  
2305 KQXY 94.1 TX Beaumont, r\$ 854  
16 Es (the earliest morning Es ever!)  
0637 KBUY 94.1 TX Amarillo, k\$ 962  
0651 KXIT 95.9 TX Dalhart, k mono 974  
0656 XHLD0 88.9 TA Nuevo Laredo, l\$, 1195  
0657 KENW 89.5 NM Portales, \$ 1072  
0659 KAMU 90.9 TX Coll. Station, \$ 905  
0700 KFLQ 91.5 NM Albuquerque, g\$ 1217

- Continued -

16 Es (June cont'd)	18 Es (June cont'd)
0702 KOYE 94.9 TX Laredo, r\$ 1193	2355 KBQB 93.3 NM Albuquerque, r\$ 1217
0708*KNYN 95.5 NM Santa Fe-Alb., k\$ 1185	2359*KSJE 90.9 NM Farmington, 1257
(o/WFMS 95.5 IN Indy) 50	(o/WILL 90.9 IL Urbana) 149
0711 KSRR 94.9 TX San Antonio, r\$ 1050	19 Es
0714 KRIO 94.1 TX Floresville, PSA \$1054	0017 KNMI 88.9 NM Farmington, g\$ 1257
0716 KPAC 88.3 TX SAT, c\$, ex-90.9 1050	0025*KASF 90.9 CO Alamosa, p\$, 1118
0719 KUTP 90.5 TX Austin, wx, PSA \$ 978	(o/WILL 90.9 IL Urbana) low? 149
0720 KMXR 93.9 TX Corpus Christi, r\$1098	0037 KWKY 94.9 NM Farmington, ad \$ 1257
0727 KONO 101.1 TX Fredricksburg, o\$ 1023	0100 KQNM 93.7 NM Gallup, r\$ s/off 1314
0736 KPLV 93.3 TX Port Lavaca, ad \$ 1025	0108 KGLX 99.1 NM Gallup, k\$ 1314
0843 KNMI 88.9 NM Farmington, g\$ 1257	20 tr
0857 KWKY 94.9 NM Aztec, r\$ 1244	0100*WNKR 106.5 KY Williamstown- Dry Ridge, k\$ 118
18 tr	(o/WLSN 106.5 OH Greenville) 40
0748*KZNN 105.3 MO Rolla, k\$ 376	20 MS
(o/WASK 105.3 IN Lafayette) 81	7777 KOSI 101.1 CO Denver 1040
18 Es	7777 WNOE 101.1 LA New Orleans 755
2243 KILQ 93.9 CO CO Springs, r\$ 1040	29 tr
2252*KVAY 105.7 CO Lamar, call in, \$ 935	0159*WQPR 88.7 AL Muscle Shoals, 396
(o/WPLC 105.7 IN Indy) 50	(o/WICR 88.7 IN Indy) wx, ID 50
2257 KLLI 106.3 CO Widefield, PSA \$ 1038	July 1992
2300*KLRX 97.9 TX Dallas, ads \$ 815	7 Es
(o/WXXP 97.9 IN Anderson) 16	1104 KLUX 89.5 TX Robstown, \$ 1109
2303 KOOI 106.5 TX Jacksonville, wx \$ 792	1120*KFGG 88.7 TX Corpus Chr., g\$ 1098
2304 KKYX 106.7 TX Terrell Hills, k\$ 1047	(o/WICR 88.7 IN Indy) 50
2306 KPEZ 102.3 TX Austin, p\$ 978	1125 KIOX 96.9 TX El Campo, k\$ 979
2313 KPLE 104.3 TX Temple, k\$ 919	1144 KRIO 94.1 TX Floresville, 1\$ 1054
2326 KFLQ 91.5 NM Albuquerque, g\$ 1217	1147 KKYX 105.7 TX Terrell Hills, k\$1047
2328*KBHT 93.5 TX Crockett, r\$ 834	1153 KVET 98.1 TX Austin, ads \$ 978
(o/WWNO 93.5 IN Hartford City) 18	1157 KOYE 94.9 TX Laredo, ads \$ 1193
2330*KXXY 96.1 OK OK City, ads \$ 739	1258 KJIC 88.1 TX Pasadena, g mono 914
(o/WQLK 96.1 IN Richmond) 35	

## Meteor Scatter Results:

5/3 WMTO "...in Panama City Beach... Centennial Building..."	5/30 WKRY "...as for the lower and mid keys..."
5/5 WKRY "...Key 93.5 FM..."	6/3 WUWF "...nineteen minutes past the hour. And this is the news on WUWF good morning. The Santa Rosa County Chamber of Commerce business after hours meeting takes place tomorrow night and runs from five til seven at Sunshine Bank in Milton. The fiesta senior citizens celebration takes place this Friday at the Bayfront Auditorium in Pensacola in conjunction with the fiesta of five flags. "Rediscover America five hundred years later," is the theme this year. There'll be entertainment, food, dancing; it all starts at 10:30 Friday morning and runs all day. Tickets are four dollars and can be pur- chased at the Escambia county.....74 degrees in Pensacola..." (One min. burst)
6/3 CBF-8 "...here on CBF..."	In a bit we'll have..."
6/5 WUWF "...This is WUWF..."	6/12 WRR "...no accidents reported at this time. For the WRR traffic report."
6/7 KBHT "...You'll always hear the right music mix on Best-Hits 93-5..."	6/20 KOSI "...KOSI..."
6/8 WUWF "...1-800-239-WUWF."	WNOE "...on New Orleans Country-101"

Andy Bolin and Dennis Jacob of Charleston, IL visited me April 23 on their way to the Davton Ham Fest. The Radio Shack rotor on my new antenna had gone dead after ten months. Andy purchased one in Charleston at Radio Shack which was defective, so waited to purchase one here. I decided to replace both probe 9's with new ones. These antennas are now made with steel rivets rather than aluminum and rust very quickly. To diminish the rusting problem we spray painted the rivets with four coats of clear paint. Then we purchased a new rotor at Radio Shack here. After much work, we thought the job was finished. Afraid not! The new Radio Shack rotor went dead in only four days!! We took the rotor back to the store and said, "Your rotors suck!! The salesman's lame excuse: "No one else has complained." We went to Wal-Mart and found an Orbit 360 rotor. This time we roned a long ladder to the mast. Dennis climbed it, replacing the rotor and new rotor wire. What a relief to finally have everything in working order for the summer. I certainly appreciate the work Andy and Dennis put into this. Note that the phase box is working so well, I was able to phase out 50kw WXXP 97.9 Anderson, IN at 16 miles to receive Cheyenne, WY and Dallas, TX. However, I would say that Es and tr have been nothing to brag about this summer. My distances are now from Fred Nordquist's computer. Perhaps they will be a bit more accurate. Until next time - 73, Ralph

PAUL MOUNT - BOX 126 - LINCROFT, NEW JERSEY 07738 (908) 591-2522  
call 08-00: extends to 07-01 for DX tips. Equipment: Onkyo 19090II (std 150 khz filters), CM 4408 (SP9) at 30'. RG-6, CM 9510A rotor, Archer 15-1122 FM amplifier  
JUNE 1992 DX  
15 Tr/GW  
0215 WZAD 97.3 NY Wurtsboro, o, the home  
of good time R & R. // WZVU 107.1  
16 Tr/GW: Note #1  
0027 WPRO 92.3 RI Providence, r, 92 Pro Fm  
0037 WLGL 92.3 PA Riverside, k, Wiggle 92  
0045 WWSH 97.9 PA Hazleton, Wish 98, mr  
0100 WKSB 102.7 PA Williamsport, 102.7  
Kiss FM, oldies  
0102 WBSB 104.3 MD Baltimore, r, "The  
New Variety 104.3"  
0148 WIYY 97.9 MD Baltimore, rp, 98 Rock  
0156 WERQ 92.3 MD Baltimore, rs, new 92Q

# WBCN

104.1 FM

Note #1: All of these catches with NYC stations off per Rich & Bill conference call. WPRO surprisingly strong in all directions, making WERQ tough. Also found some disappointing receptions, such as wght-97.9, wplj-99.5, wny-104.3 (pointed NW even): WPLJ and WFME-96.3  
Note #2: A case of "let's just check the dial before I go to bed at 02, since no one's called", led to this TV Dxing first.  
Note #3: Pocomoke City dot is shown on FM Atlas 14, p21, but no text. "My 107" is Exmore-107.5 (not heard) (I'm surprised, I figured it would be Federalsburg 107.1 back on the air-gc)  
Note #4: Likely Fredericksburg on 93.3 right after this, with soft rock but no IDs (Paul, did WFLS change from country? Could it have been WDLX on 93.3 with soft rock?-gc), moved on to other stuff. Likely Williamsburg/Richmond on 96.5 as one of three stations, soft rock, neither counted of course. Went to bed 0535, got up 1.5 hours later but DXed TV then made gallant effort at going to work. Skip from that evening and beyond next time, extremely busy at work as Greg deadline approacheth. 73, Paul

RICHARD K. SHAFAN - 39 OLD MIDDLETOWN ROAD - ROC KAWAY, NJ 07866  
(201) 586-3563, Beeper for DX (201) 955-4256

Equipment: Realistic STA2280 with 7 110 khz filters (see McVey article, November 1990), Channel Master 20 element TV 45 AGL. Phased with two Radio Shack FM outdoor antennas stacked 7 feet apart 30 AGL and 3 variable attenuators, two capacitors in a box and a Radio Shack "Variable Interference Eliminator" Both outdoor antennas are run through Radio Shack mas mounted amps (in Car: Kenwood KRC-430 with 2 110 khz filters). All times are approximate.

## JUNE 1992 DX

4 Tr  
0733 WJNJ 105.9 DE Lewes, cw, All new Kicks  
106 through local WNWK  
0800 WASH 97.1 DC Washington, ID thru WQHT  
0900 WTMD 89.7 MD Towson, sign on, ID  
10 Tr  
1719 WOUR 96.9 NY Utica, ID in car in Fairfield  
13 Es  
1000 WQLM 92.9 FL Punta Gorda, if you are in  
Port Charlotte or Punta Gorda  
2005 WFLC 97.3 FL Miami, South Florida's Coast  
2009 WPCW 96.5 FL Miami, Disco ads

## JUNE 13 Es cont.

2010 WKLG 102.1 FL Rock Harbor, country o 10Q  
2015 WHYI 100.7 FL Ft. Lauderdale, disco Y100  
2017 WZZR 92.7 FL Stuart, // Bill N. Much  
weaker here.  
2020 KPDI 101.3 KS Wichita, Wichita YMCA  
2025 WZAT 102.1 GA Savannah, Z102, a nice  
example of backscatter phenomenon  
2025 KZSN 102.1 KS Hutchinson, Kiss FM KZSN  
along with baseball in on 100.9  
2030 KLLS 104.5 KS Augusta, Wichita's Class FM  
2040 WGYL 93.7 FL Vero Beach, Sinatra // Bill  
N. or Bob S. Don't remember

RICHARD SHAFTAN'S REPORT continues.

June 13, 1992 E-skip continues  
 2045 WEOV 92.5 FL Key West, U2, Wow 92-5  
 2050 WRTO 98.3 FL Goulds, Spanish w/Latin mx  
 2055 WKRY 93.5 FL Key West, Blues // Bob S.  
 2110 WXDJ 95.7 FL Homestead, spanish o/WFLN  
 2139 WTBB 97.7 FL Bonifay, c/w ID  
 15 Tr  
 0021 WXCX 103.7 MD Havre de Grace, 'Today's best country' Also, 102.7, 104.3 Baltimore, and some Norfolk in as well.  
 0224 WKGB 92.5 PA Susquehanna, rare Jethro Tull 16 TrS-Es-Tr  
 0026 WKSJ 102.7 PA Williamsport, local ad over WSKR with WNEW-FM off. 104.3, 99.5, 97.9, 92.3 96.3 all off but no other new ones heard.  
 1548 KOWK 92.1 MN Wauseca, "in Wauseca" w/ mention of Dairy Days festival  
 1622 KLOP 92.1 MN Madison, "Wendy's Carpet and Furniture in downtown Appleton"  
 1708 KMNE 90.3 NE Bassett, NPR, "90.3 in Bass."  
 1715 KJYJ 92.5 IA Ankeny, ID  
 1718 KKRL 93.7 IA Carroll "Steel Bars on KKRL"  
 1720 WOW 94.1 NE Omaha, local ad, 23rd & L  
 1722 KROA 95.7 NE Grand Island, ad for churches in Hastings  
 1723 KDMH 97.3 IA Des Moines, believed to be this one with fire and brimstone. (Likely-gc)  
 1730 KRGJ 96.5 NE Grand Island, all hits country

June 17 skip continues  
 1746 KZOC 92.9 KS Osage City, c/w, KZ93  
 1754 KJTY 88.1 KS Topeka, USA Radio News & ad for First Church of Nazarene "here in Topeka"  
 1809 KKNQ 92.5 OK Oklahoma City big band mx  
 1810 KCMA 92.1 OK Broken Arrow, classical  
 1814 KSPI 93.7 OK Stillwater, ID  
 1820 KGLC 100.9 OK Miami, // Bill N.  
 1823 KTXR 101.5 MO Springfield, Muzak  
 1826 KGMV 100.5 MO Aurora, c/w "My country" with promos for Springfield and Greene Co.  
 1827 KRAV 96.5 OK Tulsa, // Bill N.  
 1833 KVOO 98.5 OK Tulsa, country  
 2242 WVES 99.3 VA Accomac, country  
 2247 WNCT 107.9 NC Greenville, muzak  
 2255 WMYJ 106.5 MD Pocomoke City, My 107  
 2307 WAFX 106.9 VA Suffolk, classic rock & roll  
 2359 WVG0 106.5 VA Richmond, oldies  
 18 Tr  
 0020 WFLS 93.3 VA Fredericksburg, country  
 0025 WDCX 96.5 VA Williamsburg, oldies Duck  
 0049 WBBX 100.1 NC Edenton, black gospel mx  
 25 MS  
 1536 CIRO 99.7 PQ St. George de Beauce, FF Good 20 sec. burst on Rte 23 in Kinnelon  
 27 TrS  
 1100 WBCN 104.1 MA Boston, Boston 104 in nice in Lodi on I-80

Es has been dead for two solid weeks. This is the June fill that usually precedes a great early July I hope (early July hasn't been too great either. Maybe this is the lull for a great mid-july; I sure hope so-gc). Sorry I haven't returned those cards and letters but I'm pretty lazy when it comes to the mails. I'm lucky to get these reports in. One day when I get around to it, I'll describe my foolproof phasing system that knocks out Philly semis all the time and NYC locals in trop or Es. Up to 748 stations.

**TUNER UPDATE:** Rich Shaftan called the other day to pass along information on a great bargain he has seen for a car stereo. It is the Kenwood KRC-430 that he uses and has gotten such impressive results with as of late. It is 25 watts per channel, and a pull out and according to Rich not that hard to modify. It is going for only \$179 at Nationwide Electronics of Wayne, New Jersey. Their phone number is (201) 890-1400. Judging by the great results Rich has had with this unit, and the price, this seems like a steal in terms of a good DX friendly car setup. Thanks for sharing this with us, Rich!

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

DX FROM PROSIT, MINNESOTA: JANUARY 1992 DX

4 Tr  
 1100 KNTN 102.7 MN Thief River Falls, new  
 1200 WLOL 105.3 MN Cambridge, ex 105.3  
 MAY 1992 DX  
 1 Tr  
 1300 WKLK 96.5 MN Cloquet, new freq, but old station  
 10 Au  
 2315 KWGM 93.5 NE Columbus  
 25 Es  
 1721 KTFA 92.5 TX Groves  
 1724 KMDL 97.3 LA Kaplan +M 67khz SCA  
 1730 KLHT 94.1 AR Little Rock  
 JUNE 1992 DX  
 8 Es  
 1555 KRWG 90.7 NM Las Cruces  
 13 Es  
 2049 KHYS 98.5 TX Port Arthur  
 2055 KWTX 97.5 TX Waco  
 KMDL 97.3 LA Kaplan, +SCA  
 2100 KSBJ 89.3 TX Humble

JUNE 13 Es cont.

2106 WAKH 105.7 MS McComb, K106  
 2109 KUEZ 99.3 TX Luftkin  
 2113 KPAC 88.3 TX San Antonio, ex 90.9  
 2120 KDGE 94.5 TX Gainesville, edge club  
 2123 KRKZ 93.5 OK Altus, r  
 2134 KNTU 88.1 TX Denton  
 2141 KEOM 88.5 TX Mesquite  
 2143 KNON 89.3 TX Dallas  
 2206 KACV 89.9 TX Amarillo, FM90  
 14 Es (big day)  
 1012 KPLV 93.3 TX Port Lavaca, 93 cntry  
 1030 KFGG 88.7 TX Corpus Christi  
 1033 KLUV 98.7 TX Dallas  
 1130 KACU 89.7 TX Abilene  
 1133 KTXK 88.1 TX Lubbock, 'home of Texas rock' (whatever that is!)  
 1135 KKWZ 93.7 UT Richfield  
 1137 KAFX 95.5 TX Diboll, K-fox  
 1139 KQLX 93.1 CO Grand Junction  
 1148 KLBj 93.7 TX Austin  
 1150 KLDE 94.5 TX Houston  
 1152 KHFI 96.7 TX Georgetown

JOHN EBELING'S REPORT continues.

JUNE 14th skip cont  
 1155 KIVY 92.7 TX Crockett  
 1157 KGSR 107.1 TX Bastrop  
 1200 KYNG 105.3 TX Dallas Young k, dumb  
 1213 KNCC 107.7 TX Georgetown  
 1216 KCDU 107.5 TX Fort Worth, CD 107.5  
 1219 KNTN 107.5 TX San Antonio, Spanish  
 1223 KOAI 106.1 TX Denton, The Oasis  
 1225 KDMX 102.9 TX Dallas/Ft. Worth  
 1233 KVET 98.1 TX Austin  
 1238 KLTD 98.9 TX Lampass  
 1240 KJYO 102.7 OK Oklahoma City  
 1244 KEYI 103.5 TX San Marcos  
 1246 KKDA 104.5 TX Dallas  
 1253 KQLI 94.3 OK Lawton  
 1258 KEGE 97.1 TX Fort Worth, The eagle  
 1300 KGNZ 88.1 TX Abilene  
 KMIOC 89.5 TX Wichita Falls  
 1305 KETR 88.9 TX Commerce  
 1306 KRXT 98.5 TX Rockdale  
 1307 KSTV 105.7 TX Stephenville  
 1308 KELI 98.7 TX San Angelo  
 1329 KSCS 96.3 TX Fort Worth  
 1331 KOOI 106.5 TX Jacksonville  
 1338 KLTY 94.1 TX Dallas +M on SCA  
 1341 KBHT 93.5 TX Crockett  
 1344 KUEZ 99.3 TX Luftkin  
 1350 KPLT 107.7 TX Paris, Star 107  
 1404 KNUE 101.5 TX Tyler  
 1427 KETR 88.9 TX Commerce  
 15 Tr  
 1015 WRLS 92.3 WI Hayward, ex 92.1

DX FROM BLOOMINGTON, MINNESOTA: MARCH 1992 DX

21 Tr  
 1700 KNGA 91.5 MN St. Peter, new MPR talk station  
 APRIL 1992 DX  
 1 Tr  
 0100 KXNE 89.3 NE Norfolk, WCAL off  
 MAY 1992  
 20 Tr  
 1340 WKLK 96.5 MN Cloquet, new freq  
 JUNE 1992  
 16 Es  
 2218 KCLK 94.1 WA Clarkston

Note: translator in Victoria, TX on 101.7 (K269CQ) is fed by KSBj per their IDs and no longer by KZFX (Bruce Elving note this)

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

Equipment: Carver TX11 tuner mod with 150 khz filters. Stereo Probe 9 on roof = 25' AGL, CAC11 & RG6 coax used. Archer-rotor. For phasing, either RCA tuneable rabbit ears, or the Jerrold TV antenna (whatever the situation warrants) fed into RS 0-10-20 dB FM amp, then into a "2 capacitors in a box" thing as 2nd line.

JUNE 1992 DX

11 Au & Tr  
 1730 WDET 101.9 MI Detroit, calls AU 227  
 2150 WCLG 100.1 WV Morgantown, CLG heard at tune in rock show, TRS 241  
 12 Es  
 2005 CBLA 90.1 ON Autokan, CBC 667  
 2010 CHIQ 94.3 MB Winnipeg, r.s. Q-94 996  
 2024 CBW 98.3 MB Winnipeg cS 996

June 13th Es (nice one!)

2024 WZZR 92.7 FL Stuart, rpS, ZZR 1089  
 2030 KSBj 89.3 TX Humble, grS, jingle 1263  
 2034 WJDR 98.3 MS Prentiss, ad mentioning Highway 98 bypass in Columbus 1002  
 2036 WQBA 107.5 FL Miami, IS, FM Ciento Siete punto cinco, ads in Spanish 1193  
 2051 KICT 95.1 KS Wichita, calls in promo Boy, everything is coming in this opening! 1051  
 2053 WKRY 93.5 FL Key West, Key Lite jS 1283

JUNE 18 Es  
 2218 WJDX 96.3 MS Jackson  
 2221 WTYX 94.7 MS Jackson, Oldies 94.7  
 2225 WEBZ 99.3 FL Panama City  
 2228 KMJX 105.1 AR Conway  
 2230 WLBF 89.1 AL Montgomery  
 2235 WHBX 96.1 FL Tallahassee  
 2235 WINK 96.9 FL Ft. Myers  
 2236 WWRM 107.3 FL St. Petersburg, Warm 107 FM  
 2241 WSNJ 107.1 GA Thomasville, Sunny 107  
 2242 KYKX 105.7 TX Longview, Kicks 105  
 2254 KCDU 107.5 TX Fort Worth  
 2257 WPFM 107.9 FL Panama City, Power 108  
 2259 KQLD 106.7 LA Pt. Sulphur  
 2300 WYFO 91.9 FL Lakeland, g  
 2305 WXLJ 100.5 AL Fort Rucker, US100  
 2309 WHSY 104.5 MS Hattiesburg  
 2330 WNOE 101.1 LA New Orleans, k  
 2324 WGCM 102.3 MS Gulfport, Coast 102  
 2326 WKJN 103.3 LA Hammond  
 2330 WRSN 89.1 LA New Orleans, g  
 2342 KJEF 92.9 LA Jennings, k  
 2350 WTUL 91.5 LA New Orleans  
 2353 KKBQ 92.9 TX Pasadena/Houston

19 Es  
 0005 KLRX 97.9 TX Dallas/Fort Worth  
 0010 KVMW 105.1 NM Majamar  
 0032 KKOBB 93.3 NM Albuquerque, "93 and Sunny"  
 0035 KKYY 106.7 TX Terrell Hills  
 0045 KAJA 97.3 TX San Antonio, 470-KAJA  
 0048 KRWN 92.9 NM Farmington  
 0050 KNIN 92.9 TX Wichita Falls  
 0053 KIXY 94.7 NM Santa Fe (John, this station is in San Angelo, Tex. I don't know if Santa Fe is on yet-gc)  
 0056 KNFM 92.3 TX Midland  
 0100 KKHR 98.1 TX Anson  
 0102 KPOS 107.3 TX Post  
 0110 KJAK 92.7 TX Slaton, g  
 0112 KBNA 97.5 TX El Paso  
 0115 KVNA 97.5 AZ Flagstaff, the Heat 97.5  
 0117 KAFF 92.9 AZ Flagstaff



GREG CONIGLIO'S REPORT continues

JUNE 13 Es continued	
2100 WHOK 95.5 OH Lancaster kS ads in real strong all of a sudden fading up. See notes This may be backscatter?	308
2101 WNLE 91.7 FL Ferdinand Beach, gS	868
2102 WYFO 91.9 FL Lakeland gS	1049
2103 KZBL 95.9 LA Natchitoches, legal rmS	1107
2104 KYEA 98.3 LA W. Monroe. rS, K98	1040
2108 KSCB 107.5 KS Liberal. calls, rS gave a tornado warning for the area	1250
2114 KCVS 104.9 KS Salina. gS legal ID	1026
2116 WKES 101.5 FL St. Petersburg gS legal!	1070
2117 WEEJ 100.1 FL Ft. Charlotte Coast 100	1122
2119 WOKD 98.3 FL Arcadia OK98	1106
2120 WRBA 95.9 FL Springfield Bay 96 S	1148
2125 KODA 99.1 TX Houston Sunny 99.1	1312
2136 KPAD 99.1 CO Windsor, K99, Colo's country favorites. First Denver area since 1986	1349
WEDR 99.1 Miami was interfering-big cloud!	
2138 KILQ 93.9 CO Colorado Springs, Kilo 94 rps first time to this area since 1988	1392
2141 KKCS 101.9 CO Colorado Sps. kS KCS	1392
2144 KRDO 95.1 CO Colorado Sps. mS calls	1389
2147 KILL 106.3 CO Wadsworth. calls heard in a real mess of stations on this freq.	1393
2150 KKMJ 98.9 CO Pueblo, ads for night club rS music. 98.9 Magic FM slogan	1385
2150 KRXY 107.5 CO Lakewood rS. Mix 107.5 in w/KSCB nice verification back from them	1385
2155 KHOK 100.7 KS Hoisington. rS, FM101 +call, darn. wanted to get KATM!	1091
2200 KCFR 90.1 CO Denver. lcl weather	1384
2201 KMLS 101.9 WY Burns. kS, K-Moose, legal ID given with Cheyenne	1322
2214 KLUV 98.7 TX Dallas, K-Love, oS	1225
2216 KSEC 93.3 CO Lamar, tornado warning in middle of song, kS, KC-93	1296
2234 KCSU 90.5 CO Ft. Collins. Sam Cooke song heard @ Bruce Hall	1367
2245 KGGY 95.1 WY Laramie. kS, PS.As and Y95 KGGY	1369
2256 KCNE 91.9 NE Chadron, Neb. PR Jgl	1232
17 Es	
1725 KWEN 95.5 OK Tulsa, K95 kS	1035
1729 KINQ 93.9 MO Webb City. kS, Kicks 94 no WBLK! These two hrd on Rt 5 in Clarence	923
1837 KAFX 95.5 TX Diboll, rS, K-Fox 95	1205
1844 WODZ 94.3 TN Germantown, adsS	809
1846 WBAD 94.3 MS Leland, in briefly call	937
1853 KGR1 100.1 TX Henderson, lcl ment	1154
1855 (KYKR) 95.1 TX Beaumont, local ads heard, ex. KZZB. Heard 7 yrs in a row now	1229
1856 KIKK 95.7 TX Houston ads	1312
1915 KRTS 92.1 TX Seabrook, Classical 92	1293
18 Es -starting late!	
2300 KVRP 95.5 TX Haskell, legal ID kS	1328
2312 KIOL 100.3 TX Lamesa, opS. Building the Permian Basin's Classic Rock station	1459
2313 KOLI 94.3 OK Lawton, Q94, rmS	1209
2316 KNFM 92.3 TX Midland kS, calls	1487
2330 KLSC 104.7 TX Lamesa Clas. Hits KLS	1427
2331 KJNT 92.3 TX Farwell, gS	1417
2332 KJZY 99.1 TX Denton, ps Z-Rock	1216
2333 KDMN 102.9 TX Dallas rmS. Mix 102.9	1225
2335 KVET 98.1 TX Austin, promo for cndown kS, calls with CHFI phased out	1361
2336 KCLV 99.1 NM Clovis, satellite country calls, THIS ONE IS LOGGING #1500 AND STATE #40 BOTH. Weird coincidence?!!	1441
2340 KYKX 98.3 TX Palestine hi Joe Gragg	1205
2345 KSSA 106.9 TX McKinney, danceS show in English w/ heavy accent. Pleasant Grove mat	1225
2349 KSTJ 107.5 TX San Angelo, SS S	1437
2351 KISX 107.3 TX Whitehouse, rS, Kiss	1163
2354 (KOQL) 101.9 OK Oklahoma City, oS ads, Cool 102, ex: KLTE	1125
2356 KYCX 104.9 TX Mexia, Tri-county leader Kicks FM, calls given a little later	1247
2357 KPLF 104.3 TX Temple, kS, calls	1328
0001 KCDU 107.5 TX Fort Worth, adult rock format (S), CD 107.5 boring station!	1225
0009 WACO 99.6 TX Waco, "Texas #1 country Waco 100" ad, over phased CKFM with an unID a c which I bet would have been NM #2 (KTQM)	1268
0011 KCHX 106.7 TX Midland calls heard	1480
0015 KRVL 94.3 TX Kerrville, Hot Country 94, contest ment. Fredericksburg, calls	1427
0032 KKKK 99.1 TX Odessa, end of gS prog. Quad-K ID w/Midland, B.Spring and Hobbs	1511
21 Tr (Au. noted-no IDs)	
1907 WUFM 100.1 PA Lebanon, calls, wa	217
1906 (WENY) 92.7 NY Elmira, rmS, running North East Satellite Network program, o/CJBX	117
29 Tr	
1000 WLKC 100.7 NY Henderson, kS, Lake Country, over phased CHIN Toronto	139
1012 CJFM 95.9 PQ Montreal, rS, Mix 96	306
29 GW	
2218 CFLZ 91.9 ON Niagara Falls, new tourist information station, strong enough here to almost ruin freq (#S**@! a good one gone!), I would say 100-300 wats, MONO signal, "C-Falls"	18
29 Tr and Au	
2230 WNYO 88.9 NY Oswego, prS, weak stn	114
2355 WMRT 88.3 OH Marietta, calls	285
JULY 1992 DX	
7 Es (finally!)	
1320 WKGC 90.7 FL Panama City, ments	966
1326 WJJK 93.3 AL Evergreen, calls, local events o' WWSE. These two in car in Amherst	919
1336 WHHY 101.9 AL Montgomery, Y102, rS	843
1338 WOWW 107.3 FL Pensacola, kS, Wow 107	972
1340 WOAB 104.9 AL Ozark, lcl ads, MONO	883
1341 WOZZ 94.3 AL Greenville, kS, Q94	885
1351 WKXN 94.3 AL Greenville, rS, KXXN	885
1354 WZBA 104.9 MS Moss Point, ads, kS Bay Country, legal ID with Mobile, AL	1024
1356 WFFX 95.7 AL Tuscaloosa, ads	828
1400 WBHY 88.5 AL Mobile, Power 88, gS	995
1415 WABB 97.5 AL Mobile, rS	987
1425 WZMP 95.1 MS Marion, kS, Z95	911
1430 WAWW 98.3 AL Sylacauga, "Sylacauga's 98 Wave" ad	793
2003 KUT 90.5 TX Austin, legal ID tS	1371
10 TrS (WBFO 88.7 off the air)	
88.7 only CIMX and CIRV (they are pests now!)	
88.9 semi locals WCVF, WFSF, and also WQSU-PA no sign of needed WEA-MD or WDBM-MI This all was about @ 2130	

What a weird season. As of June 19 it is really going great, but then just halts, with no FM skip at all from June 19 to July 7 and not even that much on TV! Things are starting to pick up a bit again finally. Trop has been non-existent. Have been getting WRQI 95.1 xtr on 95.5 where? Thanks Matt Sittel for sending in logos.

# SOUTHERN FM DX

Danny Buntin  
1312 N. Skyline  
Stillwater, OK 74075

AUGUST 1992

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, WV & WY. Report your DX today!

## 1000+ MILE TROP AND DOUBLE HOP ES ARRIVE TO JAZZ UP THE '92 SEASON!

This month we get a closer perspective on how the season is turning out. Things look much improved over last month's rather gloomy summary both trop and Es wise. From high on the Colorado Front Range of the Rockies one DXer on 6/16 reeled in several mighty fine catches amounting to just over 1000 miles while setting a couple of all time distance records. In a different part of the FM South late word has it that some unusually good trop spells have acted up with Florida enjoying some gulf trop to Houston and with another route well up the East coast. Looking at skip an Alabama reporter has had his first encounter with double hop. Unfortunately, the lively uptrend in the DX isn't enjoyed by all. One DXer thinks this summer is shaping up to be the worst ever for him. Oh, well, perhaps the story will be different for the better next month.

Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866

Equip.: Onkyo T 4087 (IF modified--see note) FM-13 at 50 feet.

This is not a good radio year for me. I'm very involved in several projects and out of town a lot. Thus, my first report in over 6 months. But I was lucky enough to catch an incredible trop opening! On Tuesday morning, June 16, I was packed and ready to leave early for a long three day drive to New Orleans. The best trop ever noted from here delayed my departure a few hours! Just before leaving I turned on the tuner, and there were stations everywhere. Es was in, I first assumed. But no, it was trop from as far way as IN and KY and a new trop DX distance record for me of 1040 miles! My outdated FM Atlas made some IDing difficult. The 99.3 Scottsville KY station really blows my mind if it's still on 3 kw. That evening after a long drive I visited with W5AL in Amarillo TX who also had a great opening working into MS on 144, 222 and 432 mHz. A fantastic ES opening occurred the previous weekend of June 13-14. I worked over 500 stations on 50 mHz and 39 on 144 mHz during the ARRL VHF contest and obtained by best score in 30 years of operating that contest! FM DXing must have been fantastic, too. I'm now using the 5 filter "super-duper IF amplifier" described by Tim McVey in his "Technical Topics" No. 1990 VUD. Thus, I now have a total of eight Murata 150 kHz filters in my Onkyo and the adjacent selectivity is super! And there is no apparent loss of sensitivity! Audio quality is satisfactory, also. It's worth building! I'll be out of state most of July, so I will have missed virtually all the Es DXing this season. Hope it's a good one for the rest of you. 73.

4/3 ms & tr (CL=call letters)

0730 KSD	93.7 MO St. Louis, ID
0733 WRJO	94.5 WI Eagle River, lcl. ad
0740 KIPR	92.3 AR Pine Bluff, "Power 92 Pine Bluff"
2312 KZKX	96.9 NE Seward
2328 KSYZ	107.7 NE Grand Island
4/11 tr	
0920 KKRX	98.1 OK Lawton, ID
0926 KXLS	99.7 OK Alva
0939 KRCC	106.9 OK Clinton, new CL?, but I heard KSWR ID 7/6, so is KRCC AM affil.?

4/12 tr  
Amarillo and Wichita in full quieting.

4/19 gw  
1538 KHOW trans. 101.7, peaks northeast

4/22 ms  
0912 WJFM 93.7 MI Grand Rapids, "Classic iRock 93.7 JFM"

5/5 Es  
1200 WJSP 88.1 GA Warm Springs

5/8 Es  
0830???? 88.1 FL? the new WJYD 91.5 with FL cities incl. Ft., Myers mentioned

0832 WUMF 88.1 FL Pensacola, ID

5/12 Es & gw  
1508 CBON-18 ON Sault St. Marie, FF

1510 CBON 98.1 ON Sudbury, //88.1 "today's best K-Rock"

5/12 Es & gw

1517 CIXK	106.5 ON Owen Sound, ID
1520 WIMK	93.1 MI Iron Mountain
1522 CJRO	92.7 ON Sudbury, wx and "the Q"
1523 WATZ	99.3 MI Alpena, local sports

5/13 Es

1056 CBJR	93.7 BC Vancouver, "JR Country"
1100 KCMU	90.3 WA Seattle, ID
1104 KING	98.1 WA Seattle
1106 KYSN	97.7 WA East Wenatchee, mixing with CBUF
1117 KTPS	91.7 WA Tacoma, ID
1119 KAYO	99.3 WA Aberdeen, ID, k
1125 KECS	91.3 WA Bellevue, ID, "broadcasting from Bellevue Community College"
1128 KSBT	96.7 CO Steamboat Springs, ID, wx
1132 KZLN	97.5 WA Othello, ID, k
1137 KMTS	92.7 CO Glenwood Springs, ID new freq., CO #117
1141 KMGJ	94.5 OR Eugene, "Magic 94", previously ms
1146 KRPM	106.1 WA Tacoma, ID & "K-106"
1148 KMGJ	107.7 WA Seattle, ads
1150 KRNW	106.9 WA Bremerton, b, Seattle wx
1155 KPLZ	101.5 WA Seattle, ID
1201 ??? trans.	88.1 WA Tacoma-Seattle ID, weak, missed CL
1206 KQMS	105.3 WA Edwards, g
1207 KXDD	104.1 WA Yakima, "KX double D"

cont.....

5/13 Es  
1209 KMIT?103.7 WA Tacoma, promo, wx, new  
Louisville KY station  
1216 CFOX 99.3 BC Vancouver, promo  
1220 KMPS 94.1 WA Seattle, ID, k  
1235 KVAY 105.7 CO Lamar, new CL  
1245 KTPS 91.7 WA Tacoma, ID  
1300 KKEE 94.3 WA Long Beach, ads  
1342 KFUM trans. 96.7 CO Edwards, prev.  
KZYR trans.  
6/1 gw & Es  
0315 KSQY 95.1 SD Deadwood, "the rock and  
roll pride of the Black Hills"  
0323 WLEF AL Montgomery, promo, 10 sec.  
burst  
6/16 INCREDIBLE TROP!  
0748 WINN 106.1 IN North Vernon, many  
North Vernon & Seymour ads o/u KSKU 104.0mi  
0750 KKIK?107.3 mixing with several stations  
0756 ?? 103.9 ? "country 103.9"

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

6/10 tr  
1200 WKXD 106.9 TN Monterey, o, ID  
Es  
1911 WHJY 94.1 RI Providence, "94HJY"  
1914 WBCN 104.1 MA Boston  
1919 CJLS1 93.5 NS New Tuskent, k, ID  
1920 WBO5 92.9 MA Brookline, ID  
1922 C100 100.1 NS Halifax, "C100"  
1923 CKHL 93.1 NB Fredricton  
1929 CJSL 96.3 NS Barrington, ID  
1930 CKBW1 94.5 NS Liverpool, ad  
1935 WLYT 92.5 MA Haverhill, "Lite 92.5"  
1937 WRNX 100.9 MA Amherst, r, ID  
1942 CKBW2 93.1 NS Shelburne, r //94.5  
1943 WMGX 93.1 ME Portland, ad  
1945 WSTG 94.5 ME Beddeford, "Star 94.3"  
1950 CBvt 96.7 PQ St. George-de-Beauce  
tr (WQEN 103.7 Gadsden off)  
2006 WBLN 103.7 KY Muray, ID  
2008 WPUP 103.7 GA Royston, "The Bulldog"  
2022 WHER 103.7 MS Hattiesburg, k  
2055 WSOC 103.7 NC Charlotte, local ads  
2115 WHHT 103.7 KY Cave City, r, ID  
6/13 Es  
0950 JBC 91.1 Jamaica, reggae, \$  
0954 JBC 97.1 Jamaica, \$  
1000 FAME-FM 91.5 Jamaica, \$, ragga  
1003 WDUJ 95.7 FL Homestead, SS-EE ID  
1012 JBC 92.1 Jamaica  
1015 X??? 92.9 YU Merida?, b, YU. ref., \$  
1022 XHMT 98.5 YU Merida, L, \$  
1029 XHGL 97.7 YU Merida, ID, \$  
1031 FAME-FM 95.7 Jamaica, \$  
1032 FRIENDS FM 88.9 BE Belize, s, \$, ID  
1035 CNEW 93.5 CUBA, SS, \$  
1036 IRIE 105.5 Jamaica, \$  
1103 KOIR 88.5 TX Edinburg, SS  
1105 XHAAA 93.1 TAM Reynosa, ID  
1108 KENR 88.3 TX Brownsville  
1123 XHSAB 89.5 NL Sabinas Hidalgo, mono  
1153 XHCOO 90.5 TAM Ciudad Camargo, \$,  
"Radio-Tamaulipas"  
6/14 Es  
1114 KWBI 91.1 CO Morrison  
1118 KSIR 107.1 CO Brush, "KKGZ-KSIR", k  
1123 KRQU 102.9 WY Laramie, ads  
1130 KTRR 102.5 CO Loveland, "TRI-102"  
1146 KFBQ 97.9 WY Cheyenne  
1147 KSIT 104.5 WY Rock Springs, ID  
1152 KZMC 105.3 NE McCook, r, Z105

6/16 INCREDIBLE TROP!  
0758 I had partial contact on 144 mHz with  
0805 KLLF?104.5 KS Augusta-Wichita, ID, new  
0814 WVLE 99.3 KY Scottsville, woman ann.  
local Scottsville deaths! ment. of Scotts-  
ville & Bowling Green mixing with 3 other  
stations. Is this still a 3 kw? 1032 miles  
0816 KCLR 99.3 MO Boonville, K-Clear 99 FM"  
0818 WRAY 98.1 IN Princeton, "Emergency test..  
this station serves the Princeton, IN area..  
Previously on Es and ms. 1035 miles  
0820 ??? 99.3 ? classical  
0825 WAMZ 97.5 KY Louisville, ID 1035 miles  
0830 ??? 102.9 ?? Center Pharmacy ad &  
"Power 103"  
0841 KIMX 104.9 NE York, "KIMX Mix 105", ex KAWL  
0845 ex KMA? 106.1 IA Clarinda, ads "V106" new CL?  
0852 KLTH 99.7 MO KC "KLTH Lite 99.7 ex KMBR?  
0745-0930 many previously ID'd eastern KS,  
eastern NE and MO stations.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

6/14 Es  
1158 KTRS 95.5 WY Casper  
1159 KMUS 101.9 WY Burns, K-Moose, ID  
1203 KOGA 99.7 NE Ogallala  
1205 KJLT 94.9 NE North Platte, wx, g  
1210 KNEB 94.1 NE Scottsbluff  
1213 KQLT 103.7 WY Casper, o, ID  
1214 KCSF 106.9 WY Casper, g  
1217 KRWN 93.1 NE Lexington  
1220 KELN 97.1 NE North Platte, "KOOQ-KELN"  
1228 KRNE 91.5 NE Merriman, ID  
1232 KZMX 96.7 SD Hot Springs, ID  
1233 KMKK 93.9 SD Rapid City  
1233 KLLL 90.1 SD Porcupine, o/WOOG  
1233 KIQK 104.1 SD Rapid City, "Kick 104" ad  
1251 KGWY 100.7 WY Gillette, "Y-100"  
1259 KEMC 91.7 MT Billings, ID  
1300 KRKX 94.1 MT Billings, rp, ID  
1301 KIKC 101.3 MT Forsyth  
1305 KRVL 94.3 TX Kerrville, ID  
1309 KOOC 106.3 TX Belton, k, "K-Double Ov",  
//KOOV 103.1  
1311 WACO 99.9 TX Waco, k, "WACO-100"  
1314 KMCM 92.9 MT Miles City  
1326 XMCMM 98.9 CE Ciudad del Carmen, \$, ID,  
Campeche, MX state #11  
1330 XHOX 95.3 TAM Tampico, city ref.,  
"FM-Globo Estereo"  
1335 XHUT 100.1 TAM Tampico, city ref.  
1336 KRCS 93.1 SD Sturgis  
1350 KKIK 93.7 TX Lubbock, SS-EE  
1400 KINJ 92.3 TX Farwell, g  
1401 KMLT 97.9 TX Amarillo, K-lite  
1409 KACV 89.9 TX Amarillo, "FM90"  
1443 KGCH 93.1 MT Sidney  
1448 KQDY 94.5 ND Bismarck  
1450 CIZL 98.9 SK Regina, "ZED 99", ads  
1453 CKIT 104.9 SK Regina, rm "Magic 104 FM"  
6/15 Es  
1946 XHAAA 93.1 TA Reynosa, "\$ Querdo"  
1948 XHFOR?96.3 CL Torreon, "R. Torreon"  
1955 XHPE 97.1 CL Torreon, lcl. ref.  
2022 KBNL 89.9 TX Laredo, g, SS  
2024 KOYE 94.9 TX Laredo, r  
2034 XHQC 93.5 CL Saltillo  
2042 XHSAB 89.5 NL Sabinas Hidalgo, mono  
2043 KHXY 88.1 TX Laredo  
2045 XHRK 95.7 NL Monterrey, ad  
2053 KMXR 93.9 TX Corpus Christi  
2058 KSAB 99.9 TX Corpus Christi, SS, ID, CONT.

6/15 Es  
2101 XHSRO 92.5 NL Monterrey, ID  
2304 KQLE 93.1 TX Amarillo  
2304 KZCV 89.9 TX Amarillo  
2305 KBUV 94.1 TX Amarillo  
2322 spotty MUF's to 102.3, f/out 2323  
6/17 Es  
1618 CHLQ 93.1 PE Charlottetown, k, Q93  
1637 WHCF 88.5 ME Bangor, g  
1643 WPBC 92.9 ME Bangor, ad  
1705 WDOE 93.9 WI Sturgeon Bay, area ads,  
Brewers dsb.  
1707 CBQ 88.3 ON Thunder Bay  
1712 CFMO 93.1 ON Marathon, r, ID  
1712 WCMR 94.7 MI Gulliver, k, ID  
6/18 Es  
2203 KMCM 92.5 MT Miles City, KM92  
2204 KNCW 96.5 SD Sioux Falls, g  
2204 KTSB 93.9 IA Sioux Center, ID  
2205 KHHT 97.1 ND Minot, "K-Hot  
2207 MUF 108.5  
2209 KBVZ 96.5 ND Bismarck  
2211 KDOM 94.3 MN Window  
2212 KYYY 92.9 ND Bismarck  
2212 KPSD 97.1 SD Faith  
KESD 88.3 SD Brookings, c  
KQSD 91.9 SD Lowery, c  
2213 KQAA 94.9 SD Aberdeen, "Cool 95"  
2213 KELO 92.5 SD Sioux Falls  
2222 KLSK 95.3 SD Pierre, "Classic 95"  
2224 KTFP 103.3 IA Sioux City  
2232 KIKC 101.3 MT Forsyth  
2239 KSDR 92.9 SD Watertown, lcl. area wx, \$  
2242 KRCS 93.1 SD Sturgis, "KBHB-KRCS"  
2244 KSCR 93.5 MN Benson  
2246 KINI 96.1 NE Crookston, k, ID  
2247 KITG 100.1 MN Pequot Lakes  
2249 KCLD 104.7 MN St. Cloud  
2250 KIQK 104.1 SD Rapid City  
2251 KBRF 103.1 MN Fergus Falls, "FM-103"  
2255 KWGG 104.9 IA Hampton, s/off  
2258 KIOW 102.3 IA Forest City, "W-102", ID  
2259 KESD 88.3 SD Brookings, ID  
2301 WUJO 98.1 MN St. Cloud, wx-nx  
2305 KUOO 103.9 IA Spirit Lake, ID  
2309 KJAM 103.1 SD Madison, K-Jam  
2310 KBOE 104.9 IA Oskaaloosa, k, Frezze-  
Lotus area wx  
2311 KRRO 103.7 SD Sioux Falls, lcl. ads  
2312 KICD 107.7 IA Spencer

After a slow start, June turned out very good for E-skip. Nice to hear new country #5, Belize, on 6/13. The best Es of the year, so far, took place 6/18 and 6/19. 6/18 had the strongest signals I can recall since 1986, and the MUF must have been easily into the NWS 162 mHz area. But who knows? I was too busy on FM to check other bands. The biggest surprise came just before midnight of 6/18 and into 6/19. That's when the Es weakened, almost faded completely, and I noticed a weak choppy signal on 102.7 that soon IDed as "KORD Richland WA". That's the first 2 hop to go in my log, and also brought in Idaho and Oregon to the log. Hope I get lucky enough to hear California and Nevada someday. All of the 2E signals were rather weak. The amount of fading was minimal, staying around s-4 on the meter, almost trop-like. At other times signals would strengthen to s-7 and fades seemed deeper, like regular Es. The odd thing, after acting midnight 6/19 during the 2E, was hearing W237AA 105.3 Lawrenceburg, TN (WVDA Huntsville xltr) acting just like Es! W287A is around 75 miles away, so would be tough by tr. Had to be backscatter. How do you count backscatter as Es, or tr? I can't imagine TN being my closest Es state. July Es a no-show first week. 73.

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

Equip.: Radio Shack DX-440, modified, plain rabbit ears  
6/17tr 0010 WVES 99.3 VA Accoonac, Pioneer set gave out, so now using this portable which is less sensitive but more selective. Shaping up as worst summer on record w/no promise of improvement. No skip, weak tr due to low temps & hum. Going to Atl. City in Aug.

6/18 Es  
2313 KBJJ 107.1 MN Marshall, K107  
2314 KKQO 102.3 SD Volga  
2315 KKCK 99.7 MN Marshall  
2319 KSUX 105.7 NE Winnebago, K-Sioux, ads  
2324 KVHT 105.7 SD Vermillion, "Hot 103"  
2333 KMKK 93.9 SD Rapid City  
2337 WOW 94.1 NE Omaha  
2339 KWYR 93.7 SD Winner  
2347 K283CC104.9 SD Rapid City, lcl. ads,  
KSQY 95.1 xltr, finally after "K-Sky" being  
heard as an unID for a few years!  
2350 KORD 102.7 WA Richland, k, ads, ID,  
STATE #44, FIRST DOUBLE HOP  
2354 KONA 106.3 WA Kennewick, b, ID  
2356 KLYZ 92.5 WY Powell, ads, Z92  
6/19 2E-Es  
0001 KRSE 105.7 WA Yakima, rm, ID  
0004 KIOK 94.9 WQ Richland, r, "OK-95"  
BACKSCATTER:  
0006 W237AA 105.3 TN Lawrenceburg, ID  
WVDA 95.1 xltr, new/air  
Es  
0022 KLYZ 92.5 WY Powell, (again)  
0048 KFXD 94.9 ID Nampa, rs, KF-95, ads,  
STATE #45  
0051 KZMG 93.1 ID New Plymouth, ID  
0058 KBKL 94.1 ID Caldwell, rm, "X94 FM"  
0059 WWRV 91.9 WY Laramie, s/off  
0101 KKIQ 94.1 OR Bend, r, ID, STATE #46,  
ZE f/out 0107  
0114 KDLY 97.5 WY Lander, ID  
1109 unIDs south, till 1115 fade, back at:  
1142 FRIENDS FM 88.9 BE Belize, \$  
1448 R. Belize 91.1 BE Belize, reggae, \$, ID  
1200 BFBS 93.1 BE Belize, r "Forces Radio, ID  
1241 XHSAT 90.1 TAB Villahermosa, city ref.  
tr (WVDA 95.1 off)  
(Power out in Huntsville, WOOG 90.1 of  
plus other FMs off also...  
1242 WZMPT 95.1 MS Praton  
1247 WAFX 95.1 AL Prattville  
1258 WSSX 95.1 SC Charleston, "95-SX", ID  
1300 WAOO 95.1 NC Charlotte, ID  
1301 WVDA and all Huntsville FMs back on  
ms  
1328 KTYL 93.1 TX Tyler, calls, prev. tr & Es  
6/22 gw  
1833 W251?98.1 AL Huntsville, WKDF 103.3  
Nashville xltr

Douglas E. Smith W9WI/4, 14 Brookside Court, Nashville, TN 37209-4503  
 Equipt.: Technics ST-G50 modified 2/110kHz filters in narrow position, 3 el. quad at 4'.  
 LAND BETWEEN THE LAKES DX:  
 5/31 tr 246  
 WTUG 92.9 AL Tuscaloosa, s, "TUG", slogans  
 unID 95.5 o, WSM null'd. Suspect Popular Bluff  
 KXUS 97.3 MO Springfield, rp, "Ozark's Home of Rock & Roll, US-97" 289  
 WRLT 100.1 TN Franklin, p, "R.Lighting 88  
 WKWT 104.9 TN Union City, "KYTN ID 58  
 Plus several St. Louis (175 mi.) and Memphis (roughly 125 mi.) stations, along with southern IL, western KY, Jackson, TN & area.  
 MOBILE DX at White Bluff, TN: (Equipt.: '90 Ford Escort car radio, whip at 3 ft.)  
 6/7 tr/ms "Power 102"  
 1737 KJBR 101.9 AR Jonesboro, lcl ment. 196

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029-1085

Equipt.: JVC RX302BK modified with 150 kHz filters, Archer 6-el, antenna at 20'

6/13 Es  
 1045 KROK 93.3 AR Malvern, calls 880  
 1050 KHLT 94.1 AR Little Rock, Lite"  
 1058 KLSZ 102.3 AR Van Buren, sounded like ment. of Port Smith  
 1059 KXIX 102.9 AR Sheridan, ID  
 1101 KXAB 88.3 AR Little Rock, ID  
 1106 KKNQ 92.5 OK Okla. City, "Mx" 1150  
 1114 KX 90.5 TA  
 "Radio Tamaulipas"  
 1126 KOKP 90.9 OK Okla. City, calls 1150  
 1138 KRLT 94.5 TX Harlingen, "K-Frog", k  
 1150 KLUX 89.5 TX Robstown, calls  
 1153 WJVC 89.1 IL Mt. Carmel, calls - how'd this one get in here?  
 1150+XHRT 95.3 TA Reynosa, "Estereo Vida"  
 1207 KMLM 89.1 KS Wichita, "Wichita" 1205  
 1215 KVOO 98.5 OK Tulsa, nearby cities  
 6/14 Es  
 1305 KLUX 89.5 TX Robstown, ID  
 1315 KEDT 90.3 TX Corpus Christi, ID, O/WAFG  
 1323 XET 94.1 NL Monterrey, "Super T" 1190  
 1330 unid 88.5 SS, g, "Radio Esperanza"... Victoria TX? KOIR?  
 1409 unid 93.3 "You're in the middle of 6 in a row on 93 Country." ... KPLV?  
 1515 unid 94.1 "K-Rio", EE DJ playing Ranchera mx!!  
 1421 KZEP 104.5 TX San Antonio, "Zep"  
 1425 KRVL 94.3 TX Kerrville, calls 1125  
 1428 106.1 "K-Tex 106"  
 1434 KIXY 94.7 TX San Angelo, calls 1310  
 1436 98.9  
 "Cool", "Northwest Fitness Center"  
 1443 KXHT 93.5 TX Crockett, "Palestine", "Best Hits 93-5" 940  
 1452 KXIK 93.7 TX Lubbock, "Kick FM" 1320  
 1458 KLTJ 94.1 TX Ft. Worth, ID  
 1501 WRR 101.1 TX Dallas, "Dallas"  
 1504 KROM 88.5 TX Mesquite, calls - NEW FREQ 1020

6/15 Es  
 2305 KYFW 88.3 KS Wichita, "South Central KS"  
 6/18 Tr  
 0828 WWS 88.3 FL Lecanto, calls, Catholic - NEW 200  
 Es  
 0935 KNTU 88.1 TX Denton, Dallas traffic  
 0939 KMDA 104.5 TX Dallas, "K-104", "Mystery Oldie"; DJ may be that famous Chicago-Dallas commter!  
 0941 KFLX 99.5 TX Ft. Worth, "K-Flex"  
 1000 KJCR 88.3 TX Keene, ID 1060  
 6/19 Es  
 1052 KJAE 92.7 LA Leesville, an ad, "...between Leesv. & Ft. Polk" 810  
 1053 KIVY 92.7 TX Crockett, calls 940  
 1103 KJCR 88.3 TX Keene, calls  
 1104 KROM 88.5 TX Mesquite, calls  
 1106 KTSR 92.1 TX College Station, calls 970  
 1107 KHHT 93.5 TX Crockett, "Palestine"  
 1109 KLBJ 93.7 TX Austin, calls  
 1119 KSTX 89.1 TX San Antonio, calls  
 1120 KETS 93.3 TX Killeen, "Austin's Mix"  
 1142 106.1 "K-Tex 106"  
 1143 KULF 94.1 TX Brenham, calls 970  
 1148 KHFI 96.7 TX Georgetown, calls  
 1150 KVIC 95.1 TX Victoria  
 1157 KX 88.9 TA  
 "Radio Tamaulipas", WDNA's been off  
 1208 XHEC 91.9 CL Sabinas, full ID! 1230  
 1210 XHER 94.3 TX Crystal City, SS calls 1150  
 ...The following 3 are from car -.....  
 .....Pioneer analog car radio.....  
 1300 KRLT 94.5 TX Harlingen, "K-Frog"  
 1305 KXHL 91.7 NL Monterrey, city wx 1190  
 1315 XHSHO 92.5 NL Monterey, "Stereo Rey", is XHSHO per Pugh report, 7/91 VUD 1190  
 CONT.....

6/21 Es-paol!  
 1603 TCGP 88.1 GT Guatemala City, b, caught end of a full ID at :10 or so; "TUFF" per Dyer 11/90 VUD; "Fabustereo" 1050  
 6/27 Tr  
 2238 90.9 FL PIRATE, SS, Miami Beach ad; from car ?  
 7/2 Tr-CPAL - NO LIE  
 0000 WCRF 88.1 PR Guayama, ID 1100  
 0104 HIBN 99.7 DR Puerto Plata, sign-off! Tnx Alain Pepin - that VUD came at the right time!  
 New country #12, 5th newie by Trop 810  
 0110 unid SS, swallowed by WZTA  
 0130 HIBI 102.3 DR San Francisco de Macoris, "H-102", many cities in ID  
 0149 HI 107.3 DR Santiago, "Musica Suave 107" 810  
 0210 unid 89.5 FF song - Haiti??  
 0301 WPR 98.5 PR San Juan, ID + "Cadena Salsoul" 1100  
 .....Nighty-night.....  
 2309 105.5 JA Port Antonio, "Reggae Radio, Irie FM", country 13 560  
 2334 107.7 JA Ocho Rios? Irie FM, //105.5 540  
 2357 CM 89.9 CU (city unknown), Radio Rebelde //550 AM  
 7/3 More Tr  
 0002 91.1 JA Coopers Hill, JBC, 5 kW per WRTH '92 510+  
 0003 100.3 JA Oracabessa, JBC, //91.1, 1 kW per WRTH '92 540  
 0011 CM ? 88.7 CU? Santa Clara? H. Enciclopedia assumed  
 0020 94.5 JA Kingston, RJR, //580 AM 560  
 0030 97.1 JA Coopers Hill, JBC "Radio 1-derful" jx, //850 AM 510+  
 0503 CMJFP 88.3 CU? Ciego de Avila, "Aqui Juventud", sounded like C. de A. mentioned

Thank you, Jesus!!! I may have lost a bit of sleep during the nights of July 1, 2, and 5 - but you won't hear me complain! Getting Es distance on Tr, especially in July, was most exciting.

Besides these Tr loggings, another strange thing occurred during the Tr. CMW 93.5 had their \$ light on, but (a) 80% of the sound was coming from the right channel, and (b) what did come out of the left was a different program!

Notes: (1) p 4 of 6/92 VUD, Bruce Elving's column, mentions XNCGO & XHLD0, both in TA, on the frequencies I mentioned. Maybe those 2 fill the bill. (2) Thanks also go out to WCHT 100.3 for allowing me to catch that 100.5 in JA by shutting off their station (carrier is usually on overnight, I think). (3) per Marx, 7/91 VUD. 73, mon

John Tudenham WOJRP, 2824 Missouri, Joplin, MO 64804

E-skip has been terrible. (Yes, it's been that way with me, too. DB) But did some trop DXing when not on the VHF HAM bands. Equipt.: GE Super Radio, whip antenna.

6/17 tr  
 2105 KROX 107.7 OK Okla. City  
 6/17 tr  
 0030 KRVL 103.7 TX Highland Park  
 0045 KTXQ 101.9 TX Ft. Worth  
 0049 WACO 99.9 TX Waco, WACO 100  
 0054 KPLX 99.5 TX Ft. Worth, wx  
 0520 KROE 101.9 LA Monroe, first LA heard  
 Well, this is a start. The night of June 16 I was working down to Houston, San Antonio and Rio Grande Valley on 144mhz SSB. Best trop of the year. 73.

1020 WHJX 101.5 GA Brunswick, "Hot 101.5", under WLYF! 335  
 1033 WKES 101.5 FL St. Petersburg, calls, u/WLYF 170  
 1050 WKA 92.3 FL Orlando all O/WCM 1050  
 2348 GHEF 95.1 CU La Habana, calls (11), ment 90.5 in Santiago 235  
 7/5 Tr  
 2155 WHTK 99.7 SC Port Royal, calls  
 7/6 Tr  
 0105 WDDZ 93.5 NC Charlotte, calls 530  
 0140 WZL 101.7 SC Myrtle Beach, p, lady DJ 510  
 0200 WCCA 106.3 NC Shallotte, "Shallotte-Wilmington-Myrtle Beach" 510  
 0201 WKOQ 98.7 NC Jacksonville, calls; no sign of WKGR! 600  
 0227 WMBE 105.5 SC N. Myrtle Beach, "B-105" wx, M.B. ment. in ad 510  
 0244 WYKZ 98.7 SC Beaufort, "Lite 98.7, Kiss FM", Savannah Toyota ad 400  
 7/7 Tr  
 0032 WUMF 88.1 FL Pensacola, calls, WJIS off 500  
 Es  
 1137 KMW 89.1 KS Wichita, calls 1200  
 1237 unid 99.5 CNN Headline News  
 1200 unid 99.5 op, "The Storm"

CU = Cuba  
 DR = Dominican Republic  
 JA = Jamaica

Only longer and exotic distances mentioned.



John Stempick, 1200 Sandpiper Lane, Stuart, FL 34996

Equip.: Yamaha TX-930 tuner modified 1 10 filter, 1 150, Probe 9 at 20' w/ Archer rotor.  
4/24 tr

2300 WUVU	97.7 FL St. Augustine	200
2301 WPTK	99.7 SC Port Royal	375
2305 WRHQ	105.3 GA Richmond Hill	360
2308 WRHQ	105.3 GA Richmond Hill	330
2311 WLOW	106.9 SC Bluffton	330

RELOCATION 5/1 8 mi. SOUTH TO STUART, FL:

2300 WFXH	106.1 SC Hilton Head	360
2338 WBUB	107.5 SC Charleston	395
2343 WLJY	107.9 SC Hilton Head	360
2350 WSYN	106.5 SC Georgetown	440
2352 WEZL	103.5 SC Charleston	395

5/8 Es

1130 WLZW 98.7 NY Utica, Light 98.7 1160

Discovered Es in car while shopping in Stuart, rushed home to receive:

1145 WJSE	93.3 NY Jamestown, SE-93	1070
1200 WRRN	92.3 PA Warren, Stereo 92	1050
1203 WBEF	92.5 NY Rochester, 92FM	1150
1209 WNYO	93.1 NY Syracuse, 93Q	1150
1214 CHAY	93.1 ON Barrie	1240
1217 CFMO	93.9 ON Ottawa	1325
1221 WRVV	97.3 ?? 97.3 the River, can't find location, any help?	

Lots of stations talking on this Es. A lot of frequencies had 33 or more stations drifting severely. Very tough to ID those Canada stations.

5/24 Es

1700 WSNY	94.7 OH Columbus, Sunny 95	925
1702 WMHE	92.5 OH Toledo, 92.5 Kiss FM	1050
1706 WCOL	92.3 OH Columbus, Oldies 92.3	925
1721 WXIL	95.1 WV Parkersburg, 95XIL	850
1723 WQMK	94.9 OH Akron, Mix 94.9	990
1746 WFBQ	94.7 IN Indianapolis	975

5/25 Es

1023 WJIS	99.7 WI Black River Falls	1360
1030 KTCZ	97.1 MN Minneapolis-St. Paul, Cities 97	1470
1056 WOFM	94.7 WI Wassau	1380

5/25 tr

1115 WYAV	104.1 SC Conway, Wave 104	465
1117 WPTK	99.7 SC Port Royal, "Again!"	375
1120 WBPR	97.7 SC Myrtle Beach, Power 98	450

5/26 Es

1932 WIKZ	95.1 MD Chambersburg, Mix 95	915
1937 CFMK	96.3 ON Kingston, k	1265
1941 WRKU	95.1 PA OH Grove City, Youngstown	
1954 WRKI	95.1 CT Brookfield, I-95	1070 (My home state)
1955 WLTT	94.7 MD Bethesda	830
1957 WNCE	101.3 PA Lancaster	930
1958 WLYQ	99.1 PA Altoona	955
2000 WSHH	99.7 PA Pittsburgh, Wish 100	940
2003 WPEL	96.5 PA Montrose	1060
2010 WKLL	94.9 NY Utica, 94 K-Rock	1175
2020 WCSX	94.7 MI Birmingham	1100
2025 WUGN	99.7 MI Midland	1190

Probe 9 installed 6/13. Special thanks to Northern FM reporter Bill Nollman for his assistance with the installation and help with huge Es from June 13 and 14th. Thanks Bill. You picked a great time to be in south Florida.

6/13 Es

2002 WMRV	105.7 NY Endicott	1090
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cont.....

6/14 Es		1100	6/15 Es		
1345 KMYT	97.1 OK Muskogee, Y97, My country		2124 KPTS	94.7 MO Springfield	1055
1350 KBFM	104.1 TX Edinburg, Hot B-104	1155	2149 KIXY	94.7 TX San Angelo	1287
1353 KVAY	105.7 CO Lamar	1540	6/16 Es		
1405 KRDO	95.1 CO Colorado Springs	1675	1833 KXLS	99.7 OK Alva, again!	1300
1414 KOCR	105.5 TX Corpus Christi	1090	1900 KVOO	98.5 OK Tulsa	1145
1418 KSMG	105.3 TX Seguin, Magic 105	1120	1903 KJCK	94.5 KS Junction City, Power	94.5
1422 KQXT	101.9 TX San Antonio, KQ-102	1150	1904 KEBC	94.7 OK Oklahoma City	1200
1426 KISS	99.5 TX San Antonio, 99.5 Kiss		1905 KWAG	99.1 AR Fort Smith, Hot 103	1040
1430 KTFM	102.7 TX San Antonio, Hot 103	1150	1908 KBBE	96.7 KS McPherson	1305
1433 KMJQ	102.1 TX Houston Magic 102 Jamz		1910 KTEPK	106.9 KS Topeka	1245
1439 KZFX	107.5 TX Lake Jackson, 2107	960	1917 KRZZ	96.3 KS Wichita	1260
1441 KZEP	104.5 TX San Antonio, K-zep	1150	1920 KATZ	100.5 OK Oklahoma City	1200
1449 KYKR	95.1 TX Beaumont, K95.1, the kicker		1924 KCTT	97.7 AR Yellville	1020
1452 KAGG	96.1 TX Madisonville, Aggie 961010		1925 KIXQ	93.9 MO Webb City, Kix 94	1105
1459 KOXY	94.1 TX Beaumont, 94Q	890	1928 RMYX	97.1 OK Muskogee, Y97	1100
1500 KMDL	97.3 LA Lafayette	865	6/17 Es		
1501 KRMV	104.5 TX Orange	970	2020 KPTS	94.7 MO Springfield	1055
1513 KYXS	95.9 TX Mineral Wells	1165	2027 KPGI	94.7 TX Luling, Froggy 94	1130
And Mexico unIDs, possibly Monterrey and points south.			2031 KJDR	96.3 TX Del Rio	1305
6/15 Es			2032 KAJA	97.3 TX San Antonio, KJ 97	1150
2054 KXLS	99.7 OK Alva	1300	2041 KICT	95.1 KS Wichita	1260
2056 KTCB	99.9 AR Fort Smith	1040	2139 KJDE	94.5 TX Houston	960
2059 KBEZ	92.9 OK Tulsa	1145	2141 KHFT	96.7 TX Austin, 96.7 KHFT	1140
			2146 KSCS	96.3 TX Ft. Worth	1130

E-skip season has been superb during the months of May and June in south Florida. I have relocated since my last report. I've moved to Stuart. (one town south of Port St. Lucie). My landlord didn't mind me putting a Probe 9 outside the house here. I'm psyched. Reception is huge. WPTK Port Royal at 99.7 is receivable every day at 375 miles. At times it is very drifty but audible. June was big for E-skip.. June 13th through the 17th was by far the largest E-skip for me ever. There were 108 IDs over the 5 day period with 52 IDs on the 14th alone. I also received my furthest catch on the 14th--95.1 KRDO Colorado Springs, CO at 1675 miles! July has started out well, too, hugh trop the first half. I'll have the details next month. Bye for now from blazin' hot south Florida. Se ya!

## MORE RESULTS ON PHASING:

Chester P. Royster WB40HC, R.F.D. Box 223, Freeman, VA 23856

Equip.: Pioneer TX-9100 tuner modified with 3 150 kHz filters; stacked FM-13s at 25' and 18'; phasing system consisting of FM-13 at 20', Bolin 360° phaser, -8db directional coupler, and Magnum Dynalab Signal Sleuth 205 preamp.

\* Denotes stations received as a result of phasing.

6/1 gw EDT

1420 WIKF 107.3 NC Atlantic

6/3 gw

0215 WXPX*	88.5 PA Philadelphia	260
0220 WRIT*	90.1 PA Philadelphia	260
0243 WMGK*	102.9 PA Philadelphia	260
0252 WWDW*	96.5 PA Philadelphia	260
0742 WKSZ*	100.3 PA Media	249
0746 WFLN*	95.7 PA Philadelphia	260
0751 WHYY*	90.9 PA Philadelphia	260
0820 WBRF*	98.1 VA Galax	179

6/6 gw

0055 WSFL\*106.5 NC New Bern

6/13 gw

1214 WQWZ*	97.5 WV Martinsburg	185
1218 WVVV*	97.5 VA Charlottesville	96
1635 WPEG*	97.9 NC Concord	187
1635 WHLZ	92.5 SC Manning	256
2038 WQHQ*	104.5 MD Ocean City	179
2043 WEGX*	106.1 PA Philadelphia	260
2108 WWDW*	96.5 PA Philadelphia	260
2304 WJMS*	92.7 MD Prince Frederick	136

6/16 gw/Tr

0840 WXTU*	92.5 PA Philadelphia	260
0842 WMMR*	93.3 PA Philadelphia	260
0847 WYSP*	94.1 PA Philadelphia	260
0850 WOGL*	98.1 PA Philadelphia	260
0855 WEAZ*	101.1 PA Philadelphia	260
0859 WIOQ*	102.1 PA Philadelphia	260

6/16 gw/tr

0903 W DAS*	105.3 PA Philadelphia	260
1025 WLTT*	92.9 PA Pittsburg	281
1055 W DVE*	102.5 PA Pittsburg	281

6/17 tr

2329 WPST 97.5 NJ Trenton 286

6/18 gw/tr

0002 WEAY*	92.1 PA Naticoke	319
0007 WVLH*	92.1 NJ Vineland	236
0015 WHEM*	95.1 NY Southampton	390
0034 WVES*	99.3 VA Acconac	129
0103 WDIH*	90.3 MD Salisbury	159
0759 WTRM*	91.3 VA Winchester	168
0846 WVAW*	99.9 WV Charleston	241
1024 WVMG*	96.1 NC Shelby	238
1025 WVNS*	96.1 WV Charleston	241
1034 WDCZ*	88.5 VA Virginia Beach	096
1048 WLFJ*	89.3 SC Greenville	294
1110 WPEC*	93.7 SC Greenville	
1125 WMYT*	102.5 SC Greenville	294
2012 WDCB*	90.5 NC Sanford	122
2020 WFLA*	105.5 NC Charleston	303
2025 WXTA*	96.9 SC Charleston	303
2056 WLTR*	91.3 SC Columbia	

6/20 gw

1520 WKJX*	96.7 NC Elizabeth City	
1601 WOBW*	95.3 NC Wanchese	
1929 WXBQ*	96.9 TN Bristol	

Good DXing and phasing.

NEXT UP--THE LATEST FROM FL...

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

Equipment: Yamaha TX-930 tuner w/110 kHz filters in narrow mode; Radio Shack omni FM antenna @ 12' AG; Winegard CA4052 VHF antenna @ 15' AG. All mileages approximate.

Table of radio frequencies and call signs. Columns include call sign, frequency, mode, location, and power. Includes stations like 1755 WBNS, 1043 KETR, 1049 KBHT, etc.

WHY NOT BE THE NEXT TO REPORT YOUR DX TODAY?

Table of radio frequencies and call signs. Columns include call sign, frequency, mode, location, and power. Includes stations like 7/7 Es, Tr, 2107 WIFC, 2122 WKRT, etc.

Getting back into FM-DXing has been fun! There were several good Es openings in the reporting period, and I'm told I missed quite a few AM openings due to work. Also missed a great late-night opening due to sleep, so I'm told. From June 16 on Es seemed to take a mid-summer vacation, but made a reappearance in the first week of July along with... can ya believe it? TROPOL! There has been more tropo than I've ever seen in the dead of summer, including my first-ever summertime Gulf tropo! Down in St. Pete, Carlon Howington had several days running of tropo to Cuba (another summer first!) and even snagged two Jamaican FMs by tropo one morning. (No Cuba or Jamaica here, alas...)

The Yamaha is an excellent tuner that I picked up at a bargain price--it's a discontinued model that was lurking in a far corner of the store. The 110 kHz filters make an incredible difference in both sensitivity and selectivity. The only drawbacks are the usual distortion and the fact that the center of each channel lies .02 MHz high in the fine tuning mode (i.e. 88.12, 88.32, etc.). The advantage of such a fine tuning system is the ability to slew 10 or 20 kHz farther away from adjacents when needed.

There is an "official" height limit of 18' for antennas in this mobile home community. My UHF 4-bay is already 2 feet over the "maximum," but I may raise it 4-5 feet more and erect a small FM yagi at 20' or so, perhaps this autumn. I may check into Mr. Bolin's phaser box as well since even semi-locals like Tampa are strong enough to be a pain.....73, JOHN

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Table of radio frequencies and call signs. Columns include call sign, frequency, mode, location, and power. Includes stations like 6/16 Es, 1834 WAKA, 7/1 Es, etc.

This skip season is going (or not going) just like last year. Check the dials nearly every evening, and there's nothing there, not even on TV2. And also like last year this season largely belongs to the morning DXers. Oh, well, there's always next year. The trop of 7/1 helped things out for such a dismal season. Until next time, 73.....

John Jefferson, 4104 Spyglass Ct., Antioch, CA 94509-6051

Table of radio frequencies and call signs. Columns include call sign, frequency, mode, location, and power. Includes stations like Underlined are new, @ means new to Antioch, # means heard on alaupunkt here in town.

on pg 54

# WESTERN TV-DX

August 1992

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

Deadline: 09-10-92  
Cut-off: 06-01-92

E skip performance in June was somewhat mixed. It was reported on the following dates: 1, 4-6, 8-21, 23, 24, 27, and 30. Conditions were certainly down late in the month, but the middle of the month was hot. It was during that period that Mike Cherry logged some more double hop and also logged his first E skip from Alaska!

June also provided some outstanding super tropo. Dave Pomeroy had UHF out to Texas on the 15th, Jeff Kadet had it out to Texas (and likely Mexico!) on the 16th-17th and out past 500 miles again on the 27th-29th to the southeast. William Eckberg also got in on the long tropo of the 29th.

I got a phone call from Tom Bryant pointing out some possibly confusing information in the July column. I had mentioned W43AE, Knoxville, in a reply to Bill Draeb. Tom pointed out that channel 43, Knoxville, was taken over by WKCH-43 quite a few years ago. I had not noted that fact - W43AE is still on the FCC microfiche as of 04/25/92! In any case, I had mentioned it only to suggest that WLUK-11 may be misidentifying a translator.

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

BN Baja California Norte SI Sinaloa GU Guatemala  
CH Chihuahua SO Sonora  
CU Coahuila TA Tamaulipas

CHA Channel America TBN Trinity Broadcasting  
HSS Home Shopping Spree VVN Valuevision Networkpree  
TAB Three Angels Broadcasting

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

### Equipment:

1978 RCA 19" black & white, Sony 1923 19" color, Mitsubishi HS-422UR Stereo VCR, Archer U-120 UHF yagi at 68', Archer V-185 VHF log periodic at 58', both fed with RG-11 coax, 3 Archer adjustable preamps (Model 15-1113A), Alliance HD-73 rotor, Ricoh XRM camera loaded with Kodak T-Max 400 film.

<b>April 1992</b>	2 tr 0020 W33AX 33 WI 121 (Madison TBN)	8 tr 2026 W43AV 43 WI 76 W46AR 46 WI 76 W65BT 65 WI 76
27 gw 2100 W25BM 25 MI 54 (Berrien Springs TAB)	0057 W61BX 61 MI 122 (Grand Rapids TAB)	9 tr 0655 W69BJ 69 MI 174 (Lansing WAQP-49)
<b>May 1992</b>	0130 W68BR 68 IL 75 (Rockford WCFC-38)	2205 WCMV 27 MI 206 WGKI 33 MI 206
14 tr 0645 WBSX 31 MI 205 WUAB 43 OH 293 WUPW 36 OH 220 WNWO 24 OH 220	0130 W45AJ 45 IL 75 (Rockford CHA)	12 tr 0037 WXON 20 MI 240 WBSX 31 MI 205
2355 WBSX 31 MI 205	W33AR 33 IL 75 (Rockford WCIU-26)	0647 WTVS 56 MI 210 WGXN 20 MI 240
15 tr 0005 WXON 20 MI 240 0009 WNWO 24 OH 220	0137 WXON 20 MI 240 WBSX 31 MI 205	13 Es 1858 KENW 3 NM 1004 2100 KOTA 3 SD 803
24 Es 2009 CJC8 4 NS 1396	WTVS 56 MI 240	14 gw 0125 W54BK 54 IN 45 (Chesterton LPTV)
25 Es 0927 WEDU 3 FL 1002 1130 WSAV 3 GA 763	0655 WBGU 57 OH 200 0754 WNWO 24 OH 220 0828 WLIO 35 OH 200 0837 WGTE 30 OH 220 0902 WUPW 36 OH 220 2135 W33AX 33 WI 121 (Madison TBN)	Es 1130 KENW 3 TX 1004 1255 KIII 3 TX 1116 1300 KSWK 3 KS 774 1325 KXLF 4 MT 1267 1400 KRMA 6 CO 918 1454 KOTA 3 SD 803 1500 KCWC 4 WY 1077 15 Es 1958 KENW 3 NM 1004 16 tr 0823 WFUM 28 MI 224 WGTE 30 OH 220 0825 WBGU 27 OH 200 WBSX 31 MI 205 0826 WUPW 36 OH 220
<b>June 1992</b>	0828 WLIO 35 OH 200 0837 WGTE 30 OH 220 0902 WUPW 36 OH 220 2135 W33AX 33 WI 121 (Madison TBN)	
1 gw 2200 W54AP 54 IL 31 (Blue Island LPTV) ( See Note # 1 )	2223 W61BV 61 IL 108 (Sterling WQPT-24)	
tr 2210 W43AV 43 WI 76 (Waukesha MSTV)	2338 WAQP 49 MI 222 (Milwaukee LPTV)	
W46AR 46 WI 78 (Milwaukee LPTV)	4 Es 1838 KRTV 3 MT 1225 1920 CBCP3 3 SK 1103 1940 CFQC1 3 SK 1215	
2 gw 0005 W54BE 54 IL 40 (Sugar Grove LPTV) ( See Note # 2 )	6 tr 1657 WCMV 27 MI 206 WGKI 33 MI 206	

Western TV-DX

August 1992

Robert Kramer (continued) 16 tr 0831 W69BJ 69 MI 174 16 tr 0845 CKCO3 42 ON 260  
0832 WUAB 43 OH 293 0852 CIII29 29 ON 260  
0833 WAQP 49 MI 222 WEYI 25 MI 222  
0829 WTVS 56 MI 240 0836 WQHS 61 OH 320 Es 1043 KIII 3 TX 1116  
0830 WGPR 62 MI 240 WBNX 55 OH 307 1900 KIDK 3 ID 1242  
(Over WJYS) 0842 WOIO 19 OH 320

Note # 1 - W54AP is currently testing and will until the end of July. They are on the air from about 1615-1645 until 2200-2230 daily. Programming is Catholic Views Television. (W54AP is co-sited with W23AT, Mokena. The transmitter is in Arbury Hills. Incidentally, on May 1st, W23AT was granted a permit to change its city of license to Chicago and move to the Sears Tower. fm)

Note # 2 - W54BE has been testing with 3/4 color bars with large ID in the middle.  
Note # 3 - W54BK is airing the All News Channel with no local IDs noted.

That's three LPTVs on channel 54, all less than 50 miles from my QTH and all in the southern part of the Chicago area. W54AP is the strongest of the three. I redid my antenna system in April. The UHF antenna is almost ten feet higher and I put in new coax.

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401-2027 CDT

### Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Here's DX for late May to mid June. More sporadic E has been seen here these last few weeks than all of last year, with (I hope) more to come. I'd almost forgotten what E skip looks like!

<b>May 1992</b>	13 Es 2157 KACV 2 TX 1177 24 Es 1800 WLBZ 2 ME 1811 1959 WGRZ 2 NY 993 2130 WCBSt 2 NY	2158 KENW 3 NM 1430 2218 KFYR 5 ND 1045 2234 KXMA 2 ND 1190	14 Es 1513 CKCK 2 SK 1517 1600 CKND2 2 MB 1292 15 Es 1728 CKCK 2 SK 1517 16 Es 0626 KKTO 2 NM 1515
<b>June 1992</b>	4 Es 1900 CKBQ 2 SK 1687 CFQC1 3 SK 1814 1915 CKCK 2 SK 1517 13 Es 1059 WPBT 2 FL 1909	tr 0800 WHME 46 IN 359 0817 W61BV 61 IL 122 (Sterling WQPT-24) 0828 KQCT 36 IA 66 Es 1158 KENW 3 NM 1430	17 Es 1706 WBITV 3 NC 1014 1718 WCBD 2 SC 1299 1859 WPBT 2 FL 1909 18 Es 2235 KWGN 2 CO 1264

DISTANCES IN KILOMETERS

North Dakota and Montana are states 25 and 26 for me. I got a raft of unidentifieds, several of which will go the Matt Sittel's CCI column. My wife has been wonderfully understanding about me disappearing for long periods to watch the E skip. (For my part, I've tried not to push it too far.) 73s.

Jim Pizzi, 814 Brookhill Drive, Paso Robles CA 93446 (805-238-5271) PDT

### Equipment:

Radio Shack VU-210 with rotor and preamp at work. Zenith 27" TV, Radio Shack 15-1712 V/U antenna and Winegard CP-8800 preamp at 13' agl at home.

<b>April 1992</b>	18 Es 1423 KACV 2 TX 1060 1442 KAMR 4 TX 1055	23 Es 0959 KSNC 2 KS 1220 KSNW 3 KS 1285 1000 CIII 4 AB 1330 (Per Sundius ID)	25 Es 1200 KWGN 2 CO 890 (// Sat. F1 -23) 1227 KTWO 2 WY 910 26 Es 0856 KREM 2 WA 845 0900 KACV 2 TX 1060
<b>May 1992</b>	14 Es 0858 CKCK 2 SK 1305 0859 KBME 3 ND 1275 0900 KXMA 2 ND 1195 21 Es 2033 KGBT 4 TX 1500 2035 XEFET 3 TA (XEW network) 2037 XHPNT 3 CU (Local news - 10 kHz - KEYT)	1045 CKCK 2 SK 1305 1046 CKKX 2 AB 1110 1059 KLINE 3 NE 1195 1829 KTIV 4 IA 1390 1859 KBME 3 ND 1275 KWSE 4 ND 1215 1900 KSNC 2 KS 1220 KTVQ 2 MT 945 25 Es 0955 KSNC 2 KS 1220 1017 KFOR 4 OK 1300 1100 KSWK 3 KS 1090	1000 KREM 2 WA 845 0900 KACV 2 TX 1060 1046 CKKX 2 AB 1110 3 NE 1195 1000 KTWO 2 WY 910 1859 KBME 3 ND 1275 1100 KLINE 3 NE 1195 1858 KLINE 3 NE 1195 1900 KSNB 4 NE 1275 27 Es 2028 XEJ 5 CH 860 KDBC 4 TX 855 2029 XEPM 2 CH 860



<u>Jim Pizzi (continued)</u>				10 Es 1600	KMTV	3 NE 1385	19 Es 0859	KJRH	2 OK 1395
				1618	KSNB	4 NE 1275	0900	KOCO	5 OK 1300
31 Es 0830	KMID	2 TX 1080		1630	KTIV	4 IA 1390	0922	KAMR	4 TX 1055
				1653	KPRY	4 SD 1230	1100	KENW	3 NM 975
<u>June 1992</u>				1830	KWSE	4 ND 1215	1130	KMID	2 TX 1080
6 Es 1230	KDTNt	2 TX 1370		1900	KDLO	3 SD 1370	1200	KWAB	4 TX 1125
	(See Note)			1914	KBME	3 ND 1275		(KTPX-9 ID)	
9 Es 0859	KMID	2 TX 1080		1930	KMTV	3 NE 1385	20 Es 2000	KNOP	2 NE 1140
	KACV	2 TX 1060		1931	KOUS	4 MT 955	21 Es 0930	KDTN	2 TX 1370
0900	KAMR	4 TX 1055		2028	KLNE	3 NE 1195		(Per Sundius ID)	
	KFDX	3 TX 1260		2030	KWGN	2 CO 890	1000	KACV	2 TX 1060
1116	KWGN	2 CO 890		2101	CBUTt	2 BC CBC		KFDX	3 TX 1260
1307	XHit	2 SO		2102	KATut	2 OR ABC		KAMR	4 TX 1055
	XHQ	3 SI		17 Es 2030	KMID	2 TX 1080		1307	KENS
1338	XHBSt	4 SI ECO		2035	XHQ	3 SI		1309	XEFET
1342	CKKX	2 AB 1110		18 Es 0900	unid 2,	3 Mexico		1329	KMOL
10 Es 1230	KJRH	2 OK 1395		19 Es 0850	KTWO	2 WY 910		1400	XEJ
1600	KNOP	2 NE 1140		0858	KFOR	4 OK 1300			

Note - Audio only - "Proceeds go to KERA and KERA-FM"

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loop cut for channel 2, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

<u>June 1992</u>				14 Es 1227	Cuba	3	16 Es 1754	KTVO	3 MO 717
6 Es 2016	KENW	3 NM 826			Cuba	5	1829	WPSX	3 PA 1012
	2032	unid 2 Spanish			(CubaVision //3)		1844	WWAY	3 NC 758
8 Es 1727	unids 2,3	brief		1300	KDLO	3 SD 1112	1958	KTVS	3 CO 1028
10 Es 1955	KXMA	2 ND 1343		1530	unid 2 French		2000	KNOP	2 NE 974
	("Most distant")			tr 2243	KPRC	2 TX 318	17 Es 1900	WPSX	3 PA 1012
13 Es 1054	unids 2,3			15 Es 1803	unid 2 XEW		18 Es 2204	unids 2,3,5	
1905	unid ch 4 NBC			1856	KENW	3 NM 826	2237	CICTI	5 ON 1244
	( See Note # 1 )			1929	KACB	3 TX 617		("MCTV news")	
14 Es 0954	KMTV	3 NE 849		2029	KIVV	5 SD 1240	19 Es 1700	unid 2 Spanish	
1000	KDLT	5 SD 1023		2100	KACV	2 TX 770		unid 3 Spanish	
1022	KSNW	3 KS 683		16 Es 0633	KSXWK	3 KS 827	20 Es 1208	unids 2,3	
1030	KJRH	2 OK 525			(Note time!)		21 Es 1112	TGV	
1059	KSNC	2 KS 762		0700	KDLH	3 MN 1167		1223	
1128	&unid ch 2			0710	KSTP	5 MN 1055	27 Es 1213	unids 2,3 brief	
1129	KLNE	3 NE 888		1730	KLNE	3 NE 888			

Note # 1 - Local WML off air briefly during lightning storm - a rare occasion!

Better than last June, but not much. Openings have mostly been brief and rarely getting up into FM. TGV was in a good 2 hours on 6/21 with occasional "canal tres" IDs.

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

PDT

Equipment: See July 1992 Western TV-DX.

<u>May 1992</u>				<u>June 1992</u>				13 Es 0800	KPRY	4 SD 1157
29 Es 1800	KSWK	3 KS 1350		4 Es 1929	KTVS	3 CO 1150		KTIV	4 IA 1376	
	2107	\$KOTA	3 SD 1015	9 Es 2000	KVBC	3 NV 986		\$KNBC	4 CA 1048	
31 Es 0900	KWGN	2 CO 1096		2028	KCCZ	4 UT 940		KVBC	3 NV 986	
	KTVS	3 CO 1150		2100	\$KUTV	2 UT 795		KUSD	2 SD 1291	
	\$KCNC	4 CO 1096			KIDK	3 ID 637		KDUH	4 NE 1080	
1000	KREG	3 CO 1028			\$KTVX	4 UT 795	14 Es 0630	KMTV	3 NE 1428	
1027	KCWC	4 WY 833		10 Es 1800	KVBC	3 NV 986		0640	KSNB	
1030	KUTV	2 UT 795		1838	KTVK	3 AZ 1233		0700	KDTN	
1033	KTVX	4 UT 795		1900	XHBC	3 BN 1197		0710	KDFW	
1100	KTVN	2 NV 665		1934	\$KEYT	3 CA 1006		0730	XEPN	
	\$KVBC	3 NV 986		13 Es 0700	KOTA	3 SD 1015		0900	\$KREG	
	\$KRNv	4 NV 665		0730	KNAZ	2 AZ 1137		1000	KXMA	
1130	KCRA	3 CA 739			KTVK	3 AZ 1233		1030	KBME	
				0800	\$KLNE	3 NE 1311		1200	KPRY	
									4 SD 1157	

<u>Mike Cherry (continued)</u>				15 Es 1400	KSNW	3 KS 1502	20 Es 0900	KTVS	3 CO 1150
				1730	\$KVBC	3 NV 986		1800	\$KREG
14 Es 1630	KTWO	2 WY 926		16 Es 1900	\$KCRA	3 CA 739		1828	KCNC
	1900	KMTV	3 NE 1428	17 Es 1900	KCRA	3 CA 739		1900	KUSD
	2100	KKTO	2 NM 1245		1918	KVBC	3 NV 986		\$KOTA
		KVOA	4 AZ 1314		1929	KTVU	3 CA 769	21 Es 1000	KSWK
		2300+	most of the nite			\$KRON	4 CA 767		1100
15 Es 0532	\$KUTV	2 UT 795		2031	KCBS	2 CA 1048			KSNB
	0600	KKTO	2 NM 1245	18 Es 1830	\$KSWK	3 KS 1350			1159
	0630	XEPM	2 CH 1478		1900	KLBY	4 KS 1277	23 ms 0600	KOTI
		KDBC	4 TX 1472		2100	KJNP	4 AK 1427		24 Es 0600
	1100	WDAF	4 KS 1575		2129	KTOO	3 AK 790		\$KTWO

E skip season better than average for this location so far. June 13th channel 4 had KPRY and KTIV together - typical of large footprint. June 14-15 contained multi-hop E skip during ARRL VHF Party and caused signals on lo-band TV to be four and five deep making IDs impossible. What IDs were gotten were monitored after the contest on a VCR. E skip was in and out all night the 14th.

June 18th - I FINALLY log some E skip from Alaska on 6 meters and TV. I've been trying on FM since the '60s but was never in the right place at the right time!

There has been some multi-hop E skip into Japan from the west coast on 6 meters and a few hams including myself received some weak video carriers on 49.750 and 49.757 probably from the Soviet Commonwealth. This was the night of the 14th around 2330. Such events have also been reported between eastern Canadian and New England hams from Europe so members might watch to see if that path opens. 73s, Mike VE7SKS

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK6TQ)

PDT

Equipment:

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

Sporadic E has been very slow here to say the least. The best opening was on May 26th. KRMA-6 was in solid which is a rarity here. On May 25th, KAUZ-6 was also in solid which doesn't happen very often.

All Tobia, KB6KAX, and myself went to the SEA-PAC Ham Convention in Seaside, Oregon in June. We also stopped in Ashland, Oregon for a couple of days to do some TV DXing. Our efforts are listed below. DXing wasn't that great, but we did have fun... didn't we Al? We met up with FM DXer Lenny Goldberg in Ashland. Hopefully we inspired him enough to get an antenna up and start twisting the dial. We also did some 6 meter DX but didn't have much luck except for one contact in Wyoming. Does anyone have a 6 meter amp for sale? Til next time...

<u>April 1992</u>				25 Es 1020	KFDX	3 TX 1331	17 Es 1959	KMID	2 TX 1170
30 Es 1114	unid ch2	Spanish		1025	KAMR	4 TX 1125		( See Note # 1 )	
				1858	KACV	2 TX 1125	2000	KAMR	
				1928	KENW	3 NM 1060		XEPM	
3 Es 0920	unids chs 2, 3			26 Es 0821	KFDX	3 TX 1331	2020	XHQ	
8 Es 1208	unid channel 2			0830	KENW	3 NM 1060	18 Es 0900	unid ch3 Spanish	
	unid ch 3 PBS			0929	KRMA	6 CO 917		( See Note # 2 )	
12 Es 0916	KTVSt	3 CO		1000	KWNB	6 NE 1144	19 Es 0944	KVIO	
	0930	KSWKt	3 KS	1001	KSWK	3 KS 1120		0958	
	0955	KAMR	4 TX 1125	1020	unid channel 5			1001	
	1000	KFDX	3 TX 1331	1100	KTWO	2 WY 905		1043	
	1001	KACV	2 TX 1125	1105	KOTA	3 SD 1082		1125	
	1004	KAUZ	6 TX 1331	1130	KLNE	3 NE 1225		unid ch5 Spanish	
14 Es 0755	KWNB	6 KS 1182		1558	unid ch 3 PBS		2051	unid ch3 PBS	
	0800	KSWK	3 KS 1120				20 Es 1930	KSNC	
	0900	unid channel 3						2 KS 1263	
21 Es 1123	unid ch3 Spanish							KSNW	
	6 tr 0830	KSBY	6 CA 152				21 Es 1129	KENW	
	0859	KEYT	3 CA 221					1130	
	1605	XHQ	3 SI 1225	9 Es 0924	KFDX	3 TX 1331		1131	
23 Es 1200	unids chs 2, 3			0927	KAUZ	6 TX 1331		1135	
	1300	unid channel 6		0929	KENW	3 NM 1060		unid ch5 Spanish	
25 Es 0855	KSNW	3 KS 1335		0930	KACV	2 TX 1125	30 Es 1445	unid channel 3	
	0900	KSWK	3 KS 1120		0931	KAMR		1622	
	1000	KACV	2 TX 1125		17 Es 1957	KENW		3 NM 1060	
	1016	KAUZ	6 TX 1331						

## Randy Miltier (continued)

DX from Seaside OR:

June 1992  
 13 Es 2159 KTVQ 2 MT 810 13 Es 2230 KGAN 2 IA 1650  
 2200 KPRY 4 SD 1250 2231 unid channel 3  
 ( See Note # 3 )

DX from Ashland OR:

June 1992  
 15 Es 0730 KTVQ 2 WY 830 15 Es 1105 KTVQ 2 WY 830  
 1000 KAMR 4 TX 1200 1100 KCWC 4 WY 700 1127 KIDK 3 ID 560  
 1101 KDUH 4 NE 1000 ( See Note # 4 )

Note # 1 - Since KACV-2 came on the air, KMID-2 doesn't seem to be near the pest it once was. In fact, KACV-2 may be the new channel 2 pest.

Note # 2 - This was probably XHQ-3. The program was "Cadena de la Americas" and they showed canal 13 and Costa Rica a few times. They didn't ID like XHQ usually does, though.

Note # 3 - We were DXing from the church parking lot as the cable leakage was terrible in the motel room. We used a 12" black & white battery operated and a dipole antenna. It is interesting to note that KTVQ, KPRY and KGAN are located in a straight line (darn close) from Seaside, Oregon.

Note # 4 - This was strange. We were logging KTVQ and KDUH and about 20 minutes later KIDK at 560 miles pops in.

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

CDT

Equipment: See August 1992 Western TV-DX.

June 1992  
 5 Es 1340 unid ch 2 French 10 Es 1920 KNAZ 2 AZ 1280 15 Es 1208 WMC 5 TN 830  
 8 Es 0100-0130 unid ch 2 1930 KMID 2 TX 1150 1300 CFCN 4 AB 1010  
 ("Quebec" TP) 11 Es 1330 unids 2-3 (weak) 1400 CJFB# 2 SK  
 0122 WCBS 2 NY 1020 1350 KNAZ 2 AZ 1280 ( Where ? )  
 1530 KACV 2 TX 935 1800 unid ch 2 west 1405 fade out  
 unids 2-6 (weak) 12 Es 1800 unids 2-4 (weak) 1530 CKKX 2 AB 1015  
 1544 KAMR 4 TX 935 2130 KTVQ 2 MT 755 18 Es 2150-0130  
 1600 KACV 2 TX 935 unids chs 2-4 (In Minneapolis)  
 10 Es 1330-1430 chs 2-3 (weak) 13 Es 1330 unids chs 2-3 (DXed FM)  
 1359 WBRZ 2 LA 1155 14 Es 0015 KARK 4 AR 845 19 Es 1330 unid ch 2 French  
 1401 KJRH 2 OK 775 1100-1640 chs 2-6 2300 WLBZ 2 ME 1155 unids 2-4 (weak)  
 1430-1755 no E skip (DXed FM) 20 Es 0600 chs 2-4 all day  
 1800 KMID 2 TX 1150 1520 KHAS 5 NE 525 2100 unid channel 2  
 1830 KMID 2 TX 1150 1551 KJRH 2 OK 775 ("Florida's  
 1850 unid 2 Spanish 1630 KETS 2 AR 865 first station")  
 1900 unid 2 PBS 15 Es 1000 unids chs 2-4 2130 CKKX 2 AB 1015  
 unid 2 Spanish 1100 WSB 2 GA 1010

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 (415-778-8727)

PDT

Equipment:

Hitachi CT-932 fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downloads with a Channel Master booster on the UHF. Panasonic VCR.

Guess I'd better get my May activities in before it's too late! The season started early with FM activity 5/12 and a major event 5/14. Since then it's been struggling, though in the last week things have been looking up. Underlined are new.

May 1992  
 18 Es 2059 KACV 2 TX 1110 9 Es 1329 XHI 2 SO 1040 20 Es 2000 KSNC 2 KS 1251  
 23 tr 2201 KKAK 61 CA 190 10 Es 1228 KJRHT 2 OK 21 Es 0900 KMID 2 TX 1190  
 (Over K61FI) 1306 KOCOT 5 OK 24 Es 1759 KACV 2 TX 1110  
 25 Es 1000 KAMR 4 TX 1110 2028 KACV 2 TX 1110 1800 KAMR 4 TX 1110  
 1059 KNME 5 NM 864 13 Es 1000 KMID 2 TX 1190 2029 KACV 2 TX 1110  
 1158 KACV 2 TX 1110 19 Es 0659 KACV 2 TX 1110  
 26 Es 1900 KQTV 2 MO 1430 0800 KLBY 4 KS 1123

## John Jefferson (continued)

Clearly, KACV has replaced KMID as the prime nuisance here! I now get this sinking feeling whenever I recognize PBS programming on 2. KUSD Vermillion SD is always possible but unlikely since its direction is close to that of KCRA-3 while KACV is in the only direction that's free of KCRA slopover.

Here's the MUF breakdown to date:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
5/ 5	2	1026	5/16	----		5/27	5	2029	6/ 7	----		6/18	5	0645
5/ 6	----		5/17	----		5/28	----		6/ 8	4	1459	6/19	105.7	0842
5/ 7	----		5/18	4	2050	5/29	----		6/ 9	5	0912	6/20	107.5	1907
5/ 8	2	0737	5/19	----		5/30	2	1142	6/10	5	1306	6/21	5	1337
5/ 9	2	1544	5/20	----		5/31	2	1205	6/11	4	0759	6/22	----	
5/10	----		5/21	----		6/ 1	2	0754	6/12	5	0655	6/23	4	1222
5/11	----		5/22	----		6/ 2	----		6/13	98.7	0942	6/24	107.9	1819
5/12	102.7	1033	5/23	105.9	1901	6/ 3	----		6/14	5	1543			
5/13	----		5/24	----		6/ 4	3	1925	6/15	2	1851			
5/14	105.9	0855	5/25	99.1	1034	6/ 5	2	0729	6/16	99.1	0711			
5/15	----		5/26	5	1639	6/ 6	2	1207	6/17	5	1816			

On 6/21 around 1115 a friend had skip into the FM, but I missed it! 6/10 may also have been a significant skip day, as I noted heavy lining on ch 2-5 around 1715 at a friend's in Pleasanton (antenna aimed west). Alas, I didn't get home until about 2000, at which time there was still some lining on 5.

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66606-1827 (913-266-5477)

CDT

Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

May 1992  
 30 Es 0115 KLEW 3(WA)1195 13 tr 0900 K22CP 22 KS 105 16 Es 0700 WCTV 6 GA 880  
 (Salina KAKE-10) WEDU 3 FL 1090  
 K64BS 64 KS 110 0730 WSAV 3 GA 940  
 (Concordia KOOD- 9) 1935 CKKX 2 AB 1220  
 June 1992  
 4 Es 2000 CFRN 3 AB 1290 15 tr 2100 KSBI 52 OK 270 1941 CFRN 3 AB 1290  
 7 tr 0830 KXON 35 OK 190 2200 KVDA 60 TX 690 1945 CKCK 2 SK 895  
 ("RSC-TV") (Spanish) 2000 KPRC 2 TX 655  
 KWHB 47 OK 210 2218 KVUE 24 TX 615 2100 CKKX 2 AB 1220  
 KOKI 23 OK 210 2218 KVUE 24 TX 615 17 Es 1900 WEDU 3 FL 1090  
 K14HK 14 KS 170 KRRT 35 TX 675 WPBT 2 FL 1270  
 (Great Bend KSAS-24) KLRU 18 TX 615 WESH 2 FL 1075  
 K59DA 59 KS 130 2230 KXXV 25 TX 540 18 Es 0600-0700  
 (Wichita TBN) unid ch 36 PBS WXIN 59 IN 510  
 13 tr 0900 KXON 35 OK 190 KHTV 39 TX 655 WFTV 20 IN 510  
 K14HK 14 KS 170 2235 KTXH 20 TX 655 WIIB 63 IN 510  
 unid 56 TBN east Es 2300 WEDU 3 FL 1090 WEIU 51 IL 400

I had a couple of good openings this time and was surprised with the Houston opening. No sign of Dallas on channel 39 which I thought I had. KXON-35 has been seen more frequently and stronger lately. I wonder if they have increase power? KBSI-52 was a surprise. I have tried to receive it whenever Oklahoma City stations are in, but this has been the first success.

(KXON-TV was a granted a license on June 16 for a change to 2761 kW max visual at 840 feet above terrain from a new site. Previously it was listed at 70.15 kW at 1124 feet. I presume your channel 56 TBN from the east is K56AU at Columbia, Missouri. fm)

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment: See July 1992 Western TV-DX

June 1992  
 4 Es 1600 KDTN 2 TX 719 8 Es 1235 WESH 2 FL 985 11 Es 1328 KOTA 3 SD 699  
 5 Es 1000 KTVQ 2 WY 849 1620 KUTV 2 UT 1139 1400 KNAZ 2 AZ 1258  
 1100 KIDK 3 ID 1123 1635 KTVQ 2 WY 849 13 Es 1000 WPBT 2 FL 1229  
 8 Es 1215 WEDU 3 FL 1031 11 Es 1225 KIDK 3 ID 1123 1248 ICR 2 Cuba  
 1300 KTVQ 2 WY 849 1330 WEDU 3 FL 1031

William Eckberg (continued)				16 Es 1000 KENW 3 NM 912	19 Es 0005 KSL 5 UT 1139
13 Es 2100 KSWK 3 KS 669	1100 KPRC 2 TX 893	0007 KNAZ 2 AZ 1258		0009 KKTO 2 NM 972	
2130 KMID 2 TX 967	2030 KFBB 5 MT 1112	0205 KUTV 2 UT 1139		0208 KTVX 4 UT 1139	
2200 KXMA 2 ND 732	17 Es 1705 WCBV 2 SC 797	0300 KTVQ 2 MT 968		1330 KCBI 2 IA 1328	
KENW 3 NM 912	1710 KSWK 3 KS 669	1730 WEDU 3 FL 1031		20 Es 1055 WPBT 2 FL 1229	
2300 KTVQ 2 MT 968	1725 WPBT 2 FL 1229	1800 WESH 2 FL 985		22 tr 0455 K35CF 35 IA 213	
2335 KOUS 4 MT 925	1730 WEDU 3 FL 1031	1830 WDIQ 2 AL 727		(Des Moines TBN)	
14 Es 0135 KWGN 2 CO 811	1800 WESH 2 FL 985	1830 WDIQ 2 AL 727		29 tr 0445 WZTV 17 TN 408	
1100 KMID 2 TX 967	1830 WDIQ 2 AL 727	2215 WLBT 3 MS 651		0450 WNAL 44 AL 551	
KACB 3 TX 933	18 Es 2212 WBRZ 2 LA 784	2225 WTVY 4(FL) 758		0505 WZDX 54 AL 503	
1200 KENW 3 NM 912	2215 WLBT 3 MS 651	2235 WKRG 5 AL 752		0525 WMTU 16 TN 419	
1203 KTXN 5 TX 875	2225 WTVY 4(FL) 758	2245 KENS 5 TX 992		0530 WAAY 31 AL 503	
1230 KRGV 5 TX 1189	2235 WKRG 5 AL 752	2250 KDFW 4 TX 738		0545 WAFF 48 AL 503	
1330 KOAA 5 CO 828	2245 KENS 5 TX 992	2300 WCVB 4 MS 567			
1430 KFVR 5 ND 644	2250 KDFW 4 TX 738	2335 KXAS 5 TX 757			
1500 KOTA 3 SD 699	2300 WCVB 4 MS 567	KALB 5 LA 742			
KIVV 5 SD 735	2335 KXAS 5 TX 757				
1605 CKCK 2 SK 918					

Indications of E skip were seen nearly every day through June 20th. After that, absolutely nothing. The most unusual E skip opening occurred on June 18th and 19th. It began at 2200 and was out by 0300. The first 1-1/2 hours I saw eight stations under 784 miles. The shortest was 567 miles.

La Salle 35 is off briefly Monday mornings. I've seen a TBN channel 35 with a good signal due west. The only possibility appears to be a LPTV has come on in Des Moines. Any other ideas?

(Des Moines seems like a good possibility. K35CF was granted to R.B. Sheldahl. His other operational LPTVs are carrying TBN. fm)

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809) CDT

Equipment:

ICOM R7000 with video adapter; Zenith L1310, N1310, Y1310 13" color sets; five 9" to 12" black & white Zeniths for E skip (all sets circa 1979-1982). Screened Channel Master 7" dish with PA-4975 preamplifier (replaced by UA-900 preamplifier on 06/24/92), .500 aluminum hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'.

May 1992		8 Es 0100 &C--- 2 PQ	13 Es 2100 WUNC 4 NC 701
23 tr 0515 W39BH 39 IL 130	HSS)	0130 @CBHT 3 NS 1398	2145 KGFE 2 ND 642
(Champaign		"Quebec")	2250 CKCK 2 SK 959
1800 @W54BE 54 IL 145		"CBC-N.S.")	2300 KWSE 4 ND 840
(Sugar Grove		%CHSJt 4 NB	2320 KXGN 5 MT 833
( See Note # 1 )		%CHSJt 6 NB	KXMA 2 ND 749
Es 1830 WPBT 2 FL 1168	tr 0206 AR 29,40,42 358		14 tr 0215 W25BM 25 MI 245
24 tr 0250 W18AT 18 IN 190	0325 Tulsa 41,47 410		(Berrien Springs TAB)
(Gary		10 Es 1900 KCNC 4 CO 770	unid 54- ANC ene
Es 1920 WPBT 2 FL 1168		KRMA 6 CO 771	( See Note # 2 )
WESHT 2 FL		KNAZ 2 AZ 1196	16 Es 1530 Cuba 2
WFSB 3 CT 934		11 Es 1330 KNAZ 2 AZ 1196	1800 WBRZ 2 LA 702
unid ch 3 French		KKTO 2 NM 918	KGFE 2 ND 642
unid ch 2+French		KUTV 2 UT 1125	1956 KRTV 3 MT 1131
2005 WBZ 4 MA 1014		KSL 5 UT 1125	CFRN 3 AB 1375
WLNE 6(RI)1017		KTVX 4 UT 1125	unids ch4 Mexico
25 Es 1025 WCBV 2 SC 799	1350 CKCK 2 SK 959		(Two of them)
1112 WEAR 3(AL) 700	12 Es 2055 CKBI 5 SK 1125		2020 XEFE 2 TA 1026
1200 WESH 2 FL 956	2115 CFQC1 3 SK 1149		CKCK 2 SK 959
1230 WFMY 2 NC 668	CFSK 4 SK 1100		tr 2215 CKVA 60 TX 880
WWAY 3 NC 813	CKCK 2 SK 959		(Thnx Ed Phelps)
1300 WRAL 5 NC 738	2130 CITL 4 AB 1270		KWEX 41 TX 880
WUND 2 NC 839	2214 CKXX 2 AB 1344		KWKT 44 TX 731
WUNC 4 NC 701	13 Es 1900 WESH 2 FL 956		KXAN 36 TX 806
1400 WTKR 3 VA 806	2030 WWAY 3 NC 813		KBVO 42 TX 806
June 1992	2040 WMAR 2 MD 747		KRRT 35 TX 880
8 Es 0100 &CKLT1 3 NB 1226	2100 WECT 6 NC 783		KHSX 49 TX 645
&CKCW 2 NB 1350	WUND 2 NC 839		KFWD 52 TX 645
("ATV" TPs)	WTVR 6 VA 736		

Jeff Kadet (continued)				17 tr 0515 KFXK 51 TX 614	27 tr 2000 WPBA 30 GA 576
16 tr 2215 KDTX 58 TX 645	Es 1514 WABI 5 ME 1134	KETK 56 TX 650		Birmingham 21,	
KXTX 39 TX 645	CBFT 2 PQ 930	1620 WNBC 4 NY 874		42, 68 527	
KDAF 33 TX 645	1715 WMAR 2 MD 747	1715 WMAR 2 MD 747		28 tr 0130 unid 14+ MSTV se	
KDFI 27 TX 645	WRAL 5 NC 738	WRAL 5 NC 738		( See Note # 4 )	
KHSH 67 TX 799	WTKR 3 VA 806	WTKR 3 VA 806		WCOV 20 AL 611	
KXLN 45 TX 825	19 Es 0130 @KKTO 2 NM 918	19 Es 0130 @KKTO 2 NM 918		0417 W51AU 51 TN 530	
KRVV 26 TX 799	0250 KUTV 2 UT 1125	0250 KUTV 2 UT 1125		(Greeneville WKPT-19)	
KLDI 55 TX 820	KTWO 2 WY 823	KTWO 2 WY 823		W3OAPt 30 TN HSS	
KNCT 46 TX 761	KTVQ 2 MT 966	KTVQ 2 MT 966		0431 WMCF 45 AL 611	
KXAM 14 TX 820	0255 KSL 5 UT 1125	0255 KSL 5 UT 1125		0645 @WSBN 47 VA 499	
KABB 29 TX 880	0317 KTVX 4 UT 1125	0317 KTVX 4 UT 1125		&WMSY 52 VA 550	
&KLRU 18 TX 806	0419 CFQC1 3 SK 1149	0419 CFQC1 3 SK 1149		("Blue Ridge TV")	
17 tr 0020 unid 23+ Mexico?	CKCK 2 SK 959	CKCK 2 SK 959		29 tr 0215 WJSU 40 AL 539	
0038 @KLTJ 22 TX 820	%unid channel 3	%unid channel 3		WDSI 61 TN 467	
0108 KLSB 19 TX 665	%unid channel 4	%unid channel 4		&WTT0 21 AL 527	
0150 KITU 34 TX 733	%unid channel 5	%unid channel 5		&WNAL 44 AL 512	
KETH 14 TX 799				(// WTT0)	
0207 XHPNt 46 CU	22 tr 0437 W61BX 61 MI 305	22 tr 0437 W61BX 61 MI 305		July 1992	
K43CJ 43 AR 300	(Grand Rapids TAB)	(Grand Rapids TAB)		2 tr 0300 KARD 14 LA 583	
(Mountain Home TBN)	0447 W29AY 29 MI 355	0447 W29AY 29 MI 355		OKC UHFs 510	
(Best ever)	(East Lansing TBN)	(East Lansing TBN)		KXAN 36 TX 806	
0413 @KUVN 23 TX 620	23 Es 0040 XEFB 2 NL 1162	23 Es 0040 XEFB 2 NL 1162		KDAF 33 TX 645	
0424 unid 65 ACTS s	tr 0556 K29CF 29 MO 225	tr 0556 K29CF 29 MO 225		KETK 56 TX 650	
( See Note # 3 )	(Kansas City VVN)	(Kansas City VVN)		KXAM 14 TX 820	
0445 KSLA 12 LA 567	24 tr 0018 @WTBU 69 IN 240	24 tr 0018 @WTBU 69 IN 240		KDTX 58 TX 645	
(weather map)	27 tr 1925 WVEU 69 GA 578	27 tr 1925 WVEU 69 GA 578		0428 KRVV 26 TX 799	
0450 WCCl 49 LA 725	WATL 36 GA 576	WATL 36 GA 576		KXLN 45 TX 825	
(VJN)	Huntsville Us 455	Huntsville Us 455		KSLA 12 LA 567	
0515 @KMSS 33 LA 567	WTCI 45 TN 467	WTCI 45 TN 467		0510 @KMSS 33 LA 567	
@XVVT 15 MS 469	WDSI 61 TN 467	WDSI 61 TN 467		0652 KTAB 32 TX 751	
KLRT 16 AR 403	WHSB 63 GA 590	WHSB 63 GA 590		KXTX 39 TX 645	
(Over WTJR)	WFIQ 36 AL 436	WFIQ 36 AL 436			

- Note # 1 - Seems like its TP has been on the air 24 hours a day for over a month.
- Note # 2 - Absolutely no trace of the DUNES LPTV on channel 54 unless this is it with All News Channel. But they weren't parallel to W18AT which had a four station ID slide up. (I think it was Dunes. They do have ANC and are reportedly not always parallel. fm)
- Note # 3 - This is a new one unless its Memphis which I thought was 100% TBN. (I think it was K65EK, Pine Bluff, Arkansas. Ed Phelps has confirmed that it is ACTS per a phone call to the station. fm)
- Note # 4 - This is either Rome, Georgia not giving local IDs or a new LPTV.

Quite possibly Mexico has been seen by tropo in Macomb (a long time dream), but it can not be 100% confirmed yet. Thanks to Glenn Hauser for help on IDing the tapes of the channels 23 and 46. According to Glenn, the channel 23+ (in from 0020-0102) is Univision, but one of their breaks had an ad or PSA mentioning "Estado Texas." But neither Garland or San Antonio are plus offsets. This remains a mystery.

As for the channel 46 (in from 0208-0304) there was a movie for most of it, but there was a musical break for Canal de las Estrellas, Mexico which means Televisa - Channel 2 Network. There was also a Mexican jingle at the top of the hour. I did send a copy of the tape to XHPNT, but never got a reply (which doesn't necessarily mean anything). The heading seemed right on for Piedras Negras, however, and I'm almost sure this was them. The only other explanation would seem to be an errant translator. Offset was 46z per database, but slightly on the + side. It was causing 13 bars across WHSLs incessant home shopping.

In other news, the channel 64 TBN seen here on January 4, 1992 to the south was K64DB in Jackson, Mississippi. ValueVision has since come on the air on 64 from St. Louis.

The UA-900 is doing a good job. Astonishingly low noise level, much better gain on the higher channels, and less overload compared to the PA-4975. 73.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520 CDT

June 1992		14 tr 0839 K40BR 40 MN 100	19 Es 0058 KENW 3 NM 970
	(Willmar	KITN-29)	0100 unid ch 2 NBC
14 tr 0830 K44AE 44 MN 100	18 Es 2219 unid channel 3	0200 KENW 3 NM 970	
(Willmar	KTCA- 2)		
	19 Es 0000 unid ch 3 PBS		



# EASTERN TV-DX

Bill Nienajadly/N2QJJ  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044 no collect calls

AUGUST 1992 Log Cut Off 3 months Deadline the 5th

The rest of the season turns out to be horrible for E-Skip! As this column is being typed up in July there has been next to nothing in the form of E-Skip, from mid June to the 2nd week of July. There was a good E-Skip opening on June 13th and there was tropo along the East Coast out to 500 miles on July 3rd and though there might have been a few TV openings via ES, it has been dismal. Hopefully by the time you read this, we will have had one or two E-Skip openings.

We have some more reports from the last week of May with E-Skip and Super tropo. In the QST Ham Magazine, there was an interesting write up on the Persids METEOR SCATTER which occurs this month around the 12th, do check from the 10th to the 16th for it as nothing is set in stone. Ed Phelps said he will be working 28.460 Mhz SSB via MS during the shower with 1 KW from KY.

Dxers should send their UNIDs to Matt Sittel who runs the UNID CCI column, you are welcome to list the MUF as in the past, even list the FM MUF, but Please send your FM DX to your FM DX editor serving your area.....not here. Thanx....a big thanx to all you TV DXers who send in your reports on time....and pre type (ready to run) to this column-those reports ARE much appreciated by ETVDX! Continue to mention ATV DX, if you see it. The ERP of ATV is usually 100 watts or much less, so that is far less than LPTV's for the most part. Whew! On to YOUR DX!

Rich Shaftan 39 Old Middletown Rd Rockaway NJ 07866 201-586-3563 Beeper for DX 201-955-4256

## MAY 1992 DX

5 ES 1730 KGAN 2 IA	8 ES 1310 WBRZ 2 LA	20 TR 0720 WCNC 36 NC-in 2 hrs	20 TR 0833 WFTY 50 DC
1741 KMTV 3 NE	1325 WLBT 3 LA	0730 WJZY 46 NC	OVER WJVM !!!
2049 WESH 2 FL	20 TR 0618 WWPB 31 MD	0730 WTVT 53 VA	0834 WLTX 19 SC
2100 WMAB 2 MS	0625 WJNP 36 NC-Tp	32 DC 33 VA-s/f	OVER A FR IN COLOR!!!
2138 WBRZ 2 LA	0630 WFTP 62 MD	WRLL 35 SC-T	0930 WJZY 46 ?
7 ES 1800 KSNC 2 KS	0640 WQVE 23 VA-Cb	WRLL 35 VA	releg w/Ken Copeland
1810 KJMT 3 IA	0700 WFCF 38 NC	WGCB 49 PA-s/f	0950 WPTF 28 NC
1830 KHAS 5 NE-T	0710 WCCB 18 NC	0800 WGGT 48 NC	1000 WRD 30 NC-?
8 ES 1300 WTVY 4 AL	0715 WYED 17 NC	// to 45 WNRW	Montel Williams

## JUNE 1992 E-SKIP

4th to 5th 2326-0105 WEDU-3-FL WPBT-2-FL WESH-2-FL 8th 0110 UNID 2 MANITOBA 1200 WEDU-2 WPBT 2  
14th 0900 WEDU 3 FL WPBT 2 FL

How come we never get the Dominican Republic & Haiti, they are as far as Dallas. Why don't they come in?

Bob Smolarek 156 Oldwick Rd Whitehouse Station NJ 08889

5/20 Tr 0722 WQVE 23 VA 265	5/25 ES 1331 KARK 4 AR 1049	6/18 Tr 0739 WHDH 7 MA 216
0745 WYED 17 NC 402	6/17 Tr 0641 WJCB 49 VA 282	0741 WLVI 56 MA 216
5/25 ES 1330 KDFW 4 TX 1348	Norfolk 15,27 and 33 very strong!	0742 WSHS 66 MA 207
		0742 WCVB 5 MA 215

Comments: May 20th was a classic opening, ch 17 came over semi-local WPHL, amazing, thanks to Bill (who me?-BN) for waking me up that morning. ES has been plentiful too this year.

Harry Hayes 9 Henry St Wilkes Barre PA 18702 RCA 1971 color TV, ch 2 & 5 combo quad loop

After a great May, June did not follow suit. There were quite a few openings early in the month, but by mid month things have started to peter out. 5/30 ES 1200 KETS 2 AR

## JUNE 1992 E-Skip

3 2200 WBRZ 2 LA	12 2030 CBWF 3 MB	13 0930 WPBT 2 FL	13 1606 KQTV 2 MD	17 1915 WEAR 3 FL
2200 WMAB 2 MS	2030 KGFE 2 ND-# 1	1400 WDIQ 2 AL	2011 WGBI 4 MS	1915 KTBS 3 LA
6 0100 WPBT 2 FL	2059 KTEA 2 MN	1400 WLBT 3 MS	17 1715 KGAN 2 IA	1930 WDIQ 2 AL
10 2035 WEAR 3 FL	2130 KUSD 2 SD	1403 WBRZ 2 LA	1735 KSNW 3 KS	1937 KPRC 2 TX
12 1958 WEAR 3 FL	2213 KGAN 2 IA	1550 KJRH 2 OK	1905 WBP 5 TX	2000 WBRZ 2 LA

# 1 At the time that KGFE-2 was in, I also had a "Prairie Public TV" on ch 3, I do not know the call or location of this since I am using an old 1975 log, believe it or not. I lost my 1982 one somewhere. 73's and hopefully someday I will buy a new log book.

Jim Renfrew, 61 Wilcox Street, Rochester, NY 14607 716-461-2717 Old GE color TV, Radio Shack rabbit ears

## June 1992 E-Skip

13 UNID 2,3 CCI	15 1000 UNID 2 CCI	23 1247 KTBS 3 LA 1200
		1250 UNID 2 PBS KETS-?
		-algebra lesson
		1305 UNID 2 NBC-audio
		-out of sync w/WBRZ of
		same soap opera

Either it's coming in when I'm not around, or ES has been awful this month. (Jim, the ES HAS BEEN AWFUL-BN) Looked a lot more promising with all of the action on Memorial Day.

## Eastern TV DX

AUGUST 1992

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

Equipment: JVC HR-D630U VCR w/attic VHF dipoles & indoor UHF 4-bay

## June 1992

03 TR 0338 W39BC 39 NY 70	10 ES 2025 WFMY 2 NC I	17 ES 1525 WHBF 4 (IA) 563
Buffalo	2039 WEAR 3 (AL) I	Rock Island IL
05 ES 0032 WPBT 2 FL 1223	2040 WESH 2 FL 1020	1625 KJRH 2 OK 992
0050 WESH 2 FL 1020	2051 -MUF 5-	1702 KTVI 2 MO 655
Daytona Beach-Orlando	11 ES 1558 -MUF 3-	St Louis (u/KJRH)
0126 -MUF 6-	12 ES 1421 -MUF 2-	1812 -MUF 105.1-
0417 KTVY 4 OK I	14 TR 0741 CBLN3 64 ON 144	1909 KJAC 4 TX 1215
0424 KSNW 3 KS 1011	Chatham w/tp	18 ES 2246 unid 2 TX
(CKUR off)	15 ES 1315 KSWK 3 KS I	2259 KFDX 3 TX 1211
0433 KXAS 5 TX 1203	KCNC 4 CO 1335	2305 KDFW 4 TX 1204
FtWorth-Dallas (CBLT off)	Denver 5	2349 -MUF 117.6-
0438 KLBV 4 KS I	1321 -MUF 5-	19 ES 2328 CKND2 2 MB 1057
0445 KDFW 4 TX 1204	1358 KSNC 2 KS I	Minnedosa
0458 KJRH 2 OK I	16 ES 2100 KWSE 4 ND 1194	20 ES 0022 CKYB 4 MB 1041
1008 -MUF 99.1-	Williston PPT	Brandon
08 TR 0718 CBOI 4 (PO) 231	2109 -MUF 6-	0058 KWSE 4 ND 1194
Ottawa ON (video only)	2110 KGFE 2 ND 926	(PPT s/off)
ES 1258 WPBT 2 FL 1223	Grand Forks	0058 KGFE 2 ND I
1259 WEDU 3 FL 1102	(PPT // KWSE)	(w/tp)
WESH 2 FL I	TR 2301 WNDU 16 IN 357	23 ES 1751 -MUF 4-
1304 -MUF 6-	17 TR 0004 WDIU 4 MI 192	
09 ES 0555 -MUF 2-	Detroit (video only)	
10 ES 2007 WPBT 2 FL I	ES 1020 KETS 2 AR I	
	1047 WBRZ 2 LA 1115	
	1054 KARK 4 AR 914	

ALL NIGHT ES ON THE 5TH WAS QUITE A SURPRISE!

73s, Bill

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. Channel Master 4251 UHF (7' dish) with Blonder-Tongue CMA-Ub preamp and post amp on a crankup tower at 30 feet with Alliance HD-73 rotor. Using RG-11 coax for both antenna. New loggings are underlined. New call {K4KKK}.

May 1992	15 Es 1300 KTVS 3 CO 1267	19 Es 0100 KTBS 3 LA 1096
29 Tr 0750 WLIO 35 OH 331	16 Tr 2359 WXMI 17 MI 355	0110 KFDX 3 TX 1246
June 1992	17 Tr 0030 WKAR 23 MI 299	20 Es 0000 CBWFT 3 MB 1015
8 Es 1229 WEDU 3 FL 1064	19 Es 0000 KFDM 6 TX 1227	0200 KFDX 3 TX 1246

June 29, a little morning tropo out around 200 miles bringing in Detroit, Cleveland, Pittsburgh, Scranton/Wilkes-Barre, Southern Ontario and others. No skip was seen by me since the 20 of June. Dave

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

Equipment: RCA 9" b&w TV, Radio Shack V-110 VHF at 10 feet, Channel Master 4225A UHF with DX Tele Lab EU-4S preamp at 5 feet both antenna are hand rotated. Using RG-6 coax. New loggings are underlined. New call {K4KKK}.

June 1992	3 Tr 1000 WPTT 22 PA 135	14 Tr 0930 KDKA 2 PA 135
3 Tr 0838 W38AW NY 90	over W22AZ	under WGRZ
0840 CBLFT1244 ON 158	1000 WLYH 15 PA 158	1000 CBLN3 20 ON 227
0844 W59BV NY 90	13 Es 1500 WBRZ 2 LA 1072	20 Tr 1200 WTAE 4 PA 135
0959 WQEX 16 PA 135	over WGRZ	under WIVB

Tropo catches are nothing more than morning enhancement. Local translator W25AK has not been seen this year leaving channel 25 open for DM. Dave

Saul Chernos PO Box 801 Peterborough ON K9J 7A2 705-741-4557

## JUNE 1992 E-Skip ALL BURNT RIVER DX (EXCEPT \*\* indicates Peterborough)

3 1900 CKND 2 MB 5 1300 KJRH 2 OK-\*\* 14 1430 KJSD 2 SD 15 1135 KJRH 2 OK  
 1900 CKTV 2 SA 1350 KGAN 2 IA -\*\* 15 1015 KLBY 4 KS 1140 KTVY 4 OK 17 1659 KTVI 2 MD  
 2100 WESH 2 FL 13 1900 WPBT 2 FL 1015 WDAF 4 MD 17 1648 KARK 4 AR 1915 KJAC 4 TX  
 2130 WJXT 2 FL 14 1345 KOCB 3 SD 1030 KACB 2 TX 1650 KDFW 4 TX

June 14 ES had a severe storm warning on KOTA at 1345. there have been lots of those on FM/TV Es stations this June. greg Coniglio tells me that he had SD and he may have had Venezuela on double hop at the same time on ch 3, I believe. I determined the stuff was coming from the west and left rotor there and just waited for it to rise-it never did for me I never bothered to make repeated checks from the South, although several stations were fighting it out-probably other SD area stuff, though. A fairly good May and June with some interesting FM openings. i missed a good M3/SA opening June 19 and one west to TX and NM on the 18th (I caught come TV, likely a PBS 2, after midnight on June 18 but never IDed it. That would be a good distance for me here.-73's SAUL

Bruce Hall 5 Stirton Ave Brantford ON N3T 1E2 Hitachi CU-130 Colour TV, Teknika TVC-22,CM Pre-amp, Dehli Carbo VHF -UHF @ 40 ft, Crown rotor \*\*\*\*NEW REPORTER\*\*\*\*

## MAY 1992 E-Skip

24 2301 KLINE 3 NE 25 1251 WBRZ 2 LA 25 1259 WEAR 3 FL 25 1310 WLBT 3 MS 25 1526 UNID 3 KS -ment COLBY,DOWN  
 2310 KNOP 2 NE 1254 KTBS 3 LA 1304 WML 4 LA 1458 KJRH 2 OK Goodland, Hays (KSNW-?-BN)

## JUNE 1991 E-Skip

13 2316 KFDX 3 TX 15 1258 KWNG 2 CO 16 1915 WTVY 4 AL 18 2313 KMOL 4 TX  
 15 1242 KNOP 2 NE 1325 KCNC 4 CO 1959 WEDU 3 FL

Exciting stuff for a new reporter to ETVDX. I monitor TV for FM DX, but these openings were too good to go by without reporting, eh? My RX not the best and no VCR, obviously super activity cause on FM. Got 2 new states & a couple dozen new ones. Lets hope for a sign of a bonus season to come.  
 73 dB

John Ridge WA2GND 1 Ira Court Brooklyn NY 11229 7 ft Channel Master dish, RDX Labs Amp, Rotor, RS VU 90

## MAY 1992 DX

\*\*\*\*NEW REPORTER\*\*\*\*

22 ES 1818 WRBL 3 GA 875 22 ES 1830 WEDU 3 FL 1050 30 Tr 2301 WGN 27 VA 285 31 Tr 2300 WJMC 34 NY 145

## JUNE 1992 ALL TROPO

3 0705 WJNP 36 NC 360 7 0930 WETM 18 NY 175 11 2300 WJMN 19 NC 455 11 2300 WRLH 35 VA 280  
 4 0701 WFTT 62 MD 190-MPT 0945 WENY 36 NY 175 2345 WJKA 26 NC 500 12 0109 W25AA VA 280  
 4 0642 WMPB 31 MD 215-MPT 10 0045 UNID 24 PA-LPTV XLTR WAS CARRYING WPDE-15-SC  
 4 0650 WTKX 66 VA 280-s/f (W24AA-Stroudsburg?-BN) 2335 WJCB 49 VA 280 17 0700 WJFL 22 NC 420  
 18 0640 WJNE 31 VT 240  
 0635 WEGW 52 NH 185-NHPT  
 24 2230 WITF 33 PA 145-n-s/f

My new parabolic and RDX Labs Amp were installed at the end of May and I note a general improvement in reception particularly near fringe locations such as the Philadelphia and Hartford areas. Some formerly very weak stations such as WLVT-39, WB0C-16, WDCD-19, and Scranton 16,22,28 are now viewable most of the time. Several stations always seem to have at least a trace of a signal present such as WTWS-26, WMPB-22, WITF-33, WXXA-23, WPMF-43, and the Springfield U's-22 and 40. The main problem here is just too many locals and the proliferation of LPTV. LPTV programming is so poor as to be little better than static, yet some of them run 24 hours!  
 73s, John

(Welcome to ETVDX, please report often. Do you have any problems with overload on UHF? How does the RDX Labs Amp fair in the RF jungle? Nice going on DX, especially the stuff from Elmira NY, which is very rare here-BN)

Tom Bryant 849 Todd Preis Dr Nashville TN 37221

## MAY 1992 DX

3 Tr 0449 W52AZ IN 140 LPTV (News) Evansville IN 140 miles 25 ES 1810-2115 MJF to ch 5  
 14 ES 0959 cci on channel 2 (first noted 1992 ES activity) 5/30-6/7 Vacationing in North Dakota

## JUNE 1992 E-Skip

14 1326 KRIS 3 TX 851 14 1330 KSMK 3 KS 793 16 1759 KENW 3 NM 963 19 0009 KNOP 2 NE 826 19 0259 KTVQ 2 MT 130  
 1329 KIII 3 TX 851 15 2000 UNID 6 PBS 1759 KVIO 6 NM 1008 0018 KTVS 3 CO 926

(PBS Likely KRMA-CO)

This has been a unusual Es season as there has been no significant mid-morning activity. 5/25 Es was very intense... Ed Phelps called me to let me know that he was getting stuff from Eastern Canada. That tracked with my target direction, but due to strong local signals wasn't able to ID anything. All is not in vain as the early morning hours of 6/19 bought in two of my "most wanted" targets...KNOP-tv (seen floating thru WKRN with weather info and call letters)...and much later..an audio ID from KTVQ in Billings, which was running "ALL NEWS CHANNEL" programming with very few local inserts. No cci or activity on other channels at the time. Although I don't DX FM much, I did catch KMCM from Miles City MT (92.5) @ 1440 on 6/14; and WESC 92.5 from Greenville SC @ 1645 on 6/28. Both heard in the car. WESC was the first HF station (TV or FM) received here from either of the Carolinas. (Continues on next page-----BN)

Tom Bryant continued from the last page-----

Hope the season gets better.....things usually pick up in early July: but the way this year has gone, I don't have any great expectations!

Finally, I've been invited to speak to a group of AM DXers at an IRCA gathering in Huntsville, AL on AUGUST 22. I know some WFDAs are also into AM dxing, so maybe I'll see a few of you there. 73's and goodDXing! Tom

Robert Ross VE3JFC Box 1003 Str B London Ontario CANADA N6A 5K1 Toshiba Portable VHF-FM Beam UHF Flying Arrow

## JUNE 1992 E-Skip -unless \*\*\*=Tropo

3 2110 WWAY 3 NC 13 2026 WEDU 3 FL 16 2058 CKCK 2 SK 17 1635 KJRH 2 OK 17 1729 KXAS 5 TX  
 13 1959 WLBT 3 LA 16 0748 KPRC 2 TX 17 0740 WJEM 5 MI\*\*\* 1726 KARK 4 AR

Paul Mount PO Box 126 Lincroft NJ 07738 908-591-2522 7 am-Mid (See previous reports for equipment-BN)

## JUNE 1992 Tropo

17 0205 WHSW 24 MD 148 17 0215 WMBT 12 VA 264 17 0258 WRIC 8 VA 277 17 0342 WVEC 13 VA 260 17 2245 WAVY 10 VA  
 0210 WBFF 45 MD 148 0236 WTVZ 33 VA 279 0439 UNID 64 HSC 0759 WITF 33 PA 139 18 0115 WJZ 13 MD

## JULY 1992 Tropo

3 0038 UNID 18 to SE 3 0131 WMBT 12 VA 264 3 0145 UNID 12 HSC 3 0158 WFTX 8 NC 414 3 1145 WITF 33 PA 139  
 0130 WFTY 50 DC 180 0133 WLYH 15 PA 115 not Richmond not//65,68 0220 WJAL 8 PA 113 1145 WHTM 27 PA 139

After 0300 on 6/17 mostly DXed FM. Slept 1.5 hours: around 0730 lots of like DC/Harrisburg area TV up (20,26,43 -49,67 but no IDs) DC/Balt likely around midnight 6/17-18: 20,24,26,32,45,50 but concentrated on FM again.  
 Thanks to our editor for the tips on 7/3. (Again, I'm glad to help out-BN) 73 Paul

Robert Grant K0BEN 8226 Beaverland Detroit MI 48239 (313) CR8-5007

## MAY 1992 E-Skip

7 1200 KTWB 2 WY 1187 12 1258 KFDX 3 TX 1013 12 1440 KNDX 2 ND 1025 25 1330 WTVY 4 FL  
 from Kelly Rd 1314 KSNW 3 KS 815 see note # 1 WRBL 3 GA  
 12 1200 KBTX 3 TX 1077 1330 KSMK 3 KS 25 0930 WEDU 3 FL-Tent see note # 2

Note # 1 This was another example of the classic "prairie special" Es I have noticed so many times before, so often a midday opening starts with KBTX or KATC, then sweeps northward across the grain belt and usually ends KOTA (sometimes KTVS or CFSS) the May 12 ES except KNDX was at Beaverland with a wire loop and KNDX at Bishop Road. (parents house & DX location 1978-89).

Note # 2 May 25 1330 loggings from Monroe, MI, with a 4 1/2 " Tenkai B/W and built in rod, hand-held in the parking lot at a Memorial day picnic, and with dying batteries! WTVY surprised me because I thought I was on channel 3 and watching a local auto dealer ad and suddenly saw "Dothan" in the ad, followed by ID, this was perfectly clear of snow and cci, no sign of WDIV, only 35 miles away (WDIV was good when WTVY faded out) an excellent example of the power of a good ES opening!- As a bonus, the same auto dealer ad IDed WTVY under WDIV at home on 6/13.

## June 1992 DX

3 Tr 0400 WMCC 23 IN 10 Tr 0500 WMAT 53 OH 13 ES 2145 WKRG 5 AL 846 19 ES 0130 KJRH 2 OK 796  
 0420 W29?? IN 0520 WXIX 19 OH 232 2201 WTVY 4 FL 800 (K-Fox 103.3 ad)  
 (TTV-4) WCPO 9 OH 232 2345 KOTA 3 SD 1015 0220 KFDX 3 TX 1013  
 5 ES 0145 UNID 3 0530 WSTR 64 OH 232 14 ES 0110 KLINE 3 NE 850 20 ES 2130 WEDU 3 FL 1015  
 8 ES 1330 WEDU 3 FL 1015 13 Tr 0245 CIII 41 ON 216 16 Tr 0358 WGN 9 IL 225 (Editor's Mistake Mispaced-BN)  
 WTVY 4 FL Tent CBLN 56 OH ES 0800 KENW 3 NM 1253 13 Tr 0330 CITY 57 ON 216  
 10 Tr 0450 WTKX 26 OH 173 ES 2022 WESH 3 FL 931 KAVE 6 NM 1320 0530 CICO 19 ON 216

May 9 moved to a new location, address above....., 42° 21' 10" n, 83° 15' 50" W, @ 625' ASL about 18 Miles WSW of the Bishop or Kelly locations, and, unfortunately, much closer to the Southfield tower farm, now about 10 miles away, with one FM (WJUZ 103.5) less than 2 miles away (Hm, I guess the FM ceramic filters wouldn't help for DX-BN) Point the antenna North and the TV set overloads (never mind any amplifier!) (I wonder if a FM trap would help-BN) DX distances are (used by) a DX table made for the old Bishop Rd. loc & estimating a 'correction factor' to compensate for the new location.

Antenna now a Winegard TV-7052, a fairly large V/U antenna from the discontinued "TV MAN" line, @ 25' on the chimney, with 40' of RG 6. Much better on UHF than anything I've used before, and nicely directional on VHF, useful for loggings through locals 10 miles away, such as KJRH, WESH, WTVY, and CBLN-56. Special thanks to my brother Doug for going on the roof to put up the TV-7052 (I'm afraid of heights) and going up later to fix a bad connection that was my fault. ES, after showing promise in mid June, seems to had died out, none since June 20 (today is 6/25).

73 &amp; GUD ES DE K0BEN

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

Equipment: see last month

**JUNE 1992 DX**

3 Tr 0830 Cleveland	2000 WEDU-3 FL	13 Es 1515 WEAR-3 (AL) 984	14 Es 1400 KDLO-3 SD	947
3 Es 2130 MUF 90.5 FL?	2108 KBSD-6 KS	1194	17 Es 1900 KBTX-3 TX	1281
12 Es 2000 CBWFT-3 MB 1008	2135 KSNW-3 KS	1050	18 Es 2300 KFDX-3 TX	1239
13 Tr 0800 WSW good, out to Sarnia Detroit, Toledo	14 Es 1200 R.Caracas-3 Barcelona, Venezuela		19 Es 0008 KENS-5 TX	1437
13 Es 1430 WEDU-3 FL 1066	2411 miles, TENTATIVE (see note)		23 Es 1200 WLBT-3 MS	978

Note #1: Very interesting logging on June 14th! The station was running a soccer game (Norway vs. Finland) in Spanish. There was a second Spanish language station coming in, apparently also double hop. At first I thought XHY 3 in Merida, since it is logged often and was seen the day before with soccer, and I thought I saw the word Merida on the screen once. But I kept hearing "Radio Caracas" and I saw an ID slide "Deportes on RCTV (or ACTV)". That fits the Venezuelan network. The only problem is if another station was illegally rebroadcasting them: perhaps someone in Mexico or elsewhere in the Caribbean. I have sent more detailed information to Matt's CCI column, and have written Satellite News to see if RCTV is carried on the bird. Whatever it ends up being, it is the most interesting TV catch I have had! Did anyone else get anything weird on that day? Later I was getting South Dakota of all things. Thanks to Matt Sittel, John Combs, and Chris Dunne for advice with this logging. Other than that mid-June was interesting for skip, with some oddball openings, especially on FM (see that report). But the first part of June and the last half up till the 27th have been very quiet. Trop? I forgot what that is! Very poor season thusfar, with nothing farther than Toledo to the west, geez not even any Fort Wayne yet? I guess the trop season is still young. Hope everyone is having a nice summer!

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines FL 33029-1085

Equipment: Sony 9" Trinitron TV  
Teknika TV-22 tuner  
Acher 6-el. F. antenna  
Sharp VCR, VC-A5240U

The 3s have been rolling in frequently, but I'm sure all of you know that by now! Especially frequent have been two 3s in TX. Praise the Lord. See below.

<b>June 1 Tr</b>	<b>6/13 3s</b>	<b>6/15 3s</b>
0400 (TVM)13 FL 110	0930 KTVO MO 1120	2300 WSIL IL 890
TV Marti w/ sound!	1100 WSIL IL 890	WGIA IL 1000
	1130 KIII TX 1010	
<b>3s</b>	2243 unid ABC	<b>6/17 3s</b>
1030 WKYC OH 1010	Prob. KIII	2300 KBTX TX 970
<b>6/8 3s</b>	<b>6/14 3s</b>	<b>6/18 3s</b>
1230 WKYC OH 1010	0826 KIII TX 1010	0800 KATC LA 770
		0925 KFDX TX 1150
1700 KBTX TX 970	<b>6/15 GW</b>	...also other Es!...
1735 KIII TX 1010	0130 W61..61 FL ??	0930 KXAS 5 TX
	//WCIX 6. Prob.	Dallas FM was in
	resurrected W61AA	<b>6/21 Es-panol!</b>
	Ft. Lauderdale,	1600 .... 3 *
	but W27A4 still on	

‡ = Color.

\* Possibly Guatemala City again. Live Mets BB dubbed in SS (WWOR feed). Ads for "superoil Esso" & for a local FM station (!) called "Tropi-calidad", "numero uno", 104.9 FM. During the BB game, "CANAL 3" was in upper right & the BB announcer said "El Super Canal". 99% sure Guatemala 'cause 88.1 Fabustereo was in (an "exotic pest"!)

Setenta y Tres

Chris

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

**JUNE 1992 DX**

5 ES 0150 MUF 2	10 Tr 0230 WYTV 33 OH	13 ES 1942 MUF 5	16 ES 0014 Fade out
0213 NBC 3	to WNEO 45 OH	1959 KGAN 2 IA	1800-1827 MUF 2
0309 MUF 3	Pitt 22	2130 WPBT 2 FL	17 Tr 0206 WRDC 28 NC-s/off
6 ES 1950 MUF 2	0311 NC 45	2139 MUF 88.1	0212 WYED 17 NC
7 Tr 0846-HC16 40	12 ES 2050 MUF 3	2200 KOET 3 OK	WTVD 11 ??
ES 1005 CCI 2	2235 KJSD 2	14 ES 0150 Fade outs	0656-HC 16,28,39,40
Tr 2052 W6OAL VA	13 ES 1028 WPBT 2 FL	0850 MUF 2	ES 1859 MUF 92.9 MHz
CCI over WYVN	1203 ICR2 2 CUBA	Tr 0854 WBR4 15 VA	1914 KFDX 3 TX
2359 WZKX 65 VA	1300 KATC 3 LA	ES 0929 ICR2 2 CUBA-Tp	2000 MUF 2
3/4 cb or gray scale	1311 UNIDS	1119 Fade outs	ES 2318 KJRH 2 OK
8 ES 1914-1924 MUF 2	1607 KJSD 2 SD	1202-1506 MUF 2	2327 KFDX 3 TX
9 ES 2000+ MUF 2	1930 WPBT 2 FL	15 ES 2229+MUF 2	20 ES 1000 KGFE 2 ND
10 Tr 0210 WGN2 27 VA			1100 WBRZ 2 LA
	3/4 cb prg sked		

Steven Sprachman 15 Berry Lane Hicksville NY

MAY 20 1992-Trop (Super opening)-0600-0645 WNCN 36 Charlotte (furthest Trop to date) WTKX-66 Manassas WJNP 36-Roanoke Rapids (covered) WNCN 36 but was able to turn antenna to get the ID of WNCN. AT1 Phyllis (also) 15,27 43,49,51,69 Central Pa 16,28,38-Scranton 24, 54 Baltimore WHAG 25, WMP-31 Hagerstown Richmond-35 23-Albany 19-North Adams W248B E.Stroudsburg w/Channel America ID (This station does not show up in the Latest affiliate list. 16,28-Salisbury 25,56 Boston (Same date but at) 2330 UNID 27 W/High School Wrestling Match- Antenna position W/M LPTV?? Any Ideas??? (Sure, this very likely could be that EXPERIMENTAL TV STATION in Hoboken that runs HDTV tests- I forgot the calls, I think it was reported in ETVDX about a year ago & don't have them handy now-BN)

May 29 @ 2200 Slight trop 27,33 Norfolk 16,28 Salisbury

May 30 @ 0600-0800 Trop Many relogs of MD, DC, Central PA W59AA x1tr of WJVT 30 -a rare visitor here (here too-BN) I'm still trying for the LPTV on ch 28 from West Haven....

June 4 0630 Trop 26,50,66 DC 43,51 PA 35 Richmond 22, 62 MDTV

June 17 0600-0645 Trop-"Down the Coast" WCTI 12 New Bern ID seen- 10,27,33 Norfolk 24,45 54 Baltimore WMBT 12 Richmond (same date)-"More down the coast" 2300-0000 WITN 7 Washington NC video under WABC, but audio over (Nice Catch!-BN)

WAVY-10 Norfolk WCTI-12 New Bern WNCN-9 Greenville (under WWOR-9) (Ed Note: WOW! did you catch thier FM too?-BN)

WVEC-13 Norfolk under WNET-13 (I wish WNET-13 would go off the air like they used to. They complain about not having enough money, so why don't they go off the air between midnight and 7 am!!) (Ed Note, Hm, maybe all the Dxers in the tri state area should pay them \$13 a year each to stay off the air 13 hours a nite--HI-BN) 24,45 Balt, 16,28 Salisbury, 40 and 53 Atlantic City. (Never seen 53 AC here-BN)

June 18 0530 Trop WVAR 2 Baltimore (under WCB5-2) 0730 Harrisburg 27,33 York 43 Re Lion 49, Reading 51, Scranton-16,22,28,38 Allentown 39, East Stroudsburg 24.....

July 4 1030 ES WEDU 3 FL

Not much in the way of ES this spring or summer. Trop was slow in coming this spring, so there is hope for a great ES opening!! Station Notes- W36AS New Brunswick now has an LPTV network (AEN). AEN programs consist of Old movies and music videos. (Ed Note I gotta idea for a network, its called the TSN for The Snow Network, its were useless and boring TV stations stay off the air for hours at a time-Heh-BN). WMAC has programming from the HSNE network in the morning. HSNE has those 1/2 hr infomercials with their own 800 number for orders. I spoke to a representative at Channel America (their office is in Manhattan) who told me their affiliates are required to carry 10 hrs a day of CHA programming. Finally, WJIG's translator on 57 is on 24 hours a day, even though WJIG-55 is not. What a pain in the ass!!

That's it for this month 73's (Steven, thank for the CHA list, I'd send it to HQ for publishing but I sent a list a while ago to HQ and it was published almost a year ago. It is most appreciated and thank again. TV Diners should ask Channel America for their own list as it is constantly updated as new stations sign on to CHA. Interesting about the 10 hour a day requirement-BN)

Bob Seybold 10567 Bennet Rd. Dunkirk NY

It has been awhile since my last report, but I expect to report monthly for the next few months till winter sets in again. I have been busy with my business with very little to to DX. I did observe some E-Skip back in December and January and there were some decent trop openings in the winter and off season. E-Skip was observed quite frequently May and especially on may 25th when a number of Texas, Oklahoma, Kansas stations seen but nothing wrote down. Did not believe much E-Skip at all in June and right up to date (July 12 1992). No super openings but frequent openings into Indiana, Illinois, Wisconsin, Michigan and Southern Ohio. A few to the East also. First trip to hills was July 10th in evening. Observed these: WMC 14, All Ft Wayne U's except 39 (new 39 out of Hamburg NY shut 39 out). The signal up there in hills on 39 is Super strong and going to make logging any 39's very difficult. No trouble at home, Ft Wayne 39 gets right through...all South Bend U's except 69. WHIZ 18, WYAP 15, WKAR 23, WEYI 25, Springfield Ohio 26, WBRU 27, Sandusky 41, 52, Toledo 48, Lansing 53, and loads of Canadians, plus Elmira, Binghamton, Watertown etc. WJEX 16 strong, Newark Ohio 51 Columbus 34 and others. July 11 at home brought E-Skip about 0900 EDST from Nebraska on 2 & 3 :-good tropes to Indiana-Ft Wayne, South Bend, Michigan U's great in AM. Mount Pleasant, Lansing, Saginaw, Flint,WJHO -41-super, Kalamazoo 52, also Sandusky 52, also 59 out of Michigan (LPTV), Indianapolis 20 & 40. Grand Rapids 17 & 35 Dayton 16,22,45 Springfield 26 -evening tropes and into early morning hour of th 12th. Michigan quite strong including 17 Grand rapids also bad Axe 35 at sign. Flint 12 & Cincinnati 12 both in: Richmond 43 in over Cleveland. Some weak E-Skip on channels 2 & 3. I hope to be at the convention this year, but if not, I hope all have a good time. 73s Bob

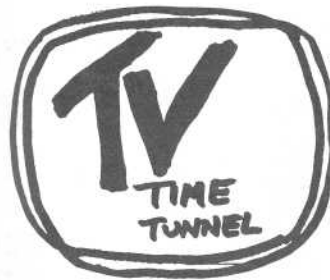


Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

JUNE 1991 DX:							
2 Es	1130 KBTX- 3 TX 877	12 Es	1149 KACB- 3 TX 1077	16 Es	1824 KACB- 3 TX 1077		
	1228 KACB- 3 TX 1077		1154 KFDX- 3 TX 922		1836 KIDY- 6 TX 1082		
	1229 KDFW- 4 TX 864		1159 KMID- 2 TX 1165		1859 XHRIO-2 TA 1145		
	1229 KDTN- 2 TX 863		1159 KWAB- 4 TX 1115		1923 KATC- 3 LA 721		
	1253 KWAB- 4 TX 1115		1329 KACV- 2 TX 1083		2049 XHPN- 3 CO 1173		
	1256 KMID- 2 TX 1165	13 Es	1036 XHY - 3 YU	17 Es	2059 KENW- 3 NM 1210		
	1307 KFDX- 3 TX 922		1150 XHRIO-2 TA 1145		1039 KMTV- 3 NE 800		
3 tr	0951 WUNC- 4 NC 189		1158 KIII- 3 TX 1069		1050 KQTV- 2(KS) 713		
Es	1157 KLNE- 3 NE 955		1206 KGBT- 4 TX 1146		1058 KLNE- 3 NE 955		
	1214 KWGN- 2 CO 1252		1230 KFDX- 3 TX 922		1059 KNOP- 2 NE 1032		
	1221 KCNC- 4 CO 1252		1248 Cuba- 2		1129 KSNB- 4 NE 872		
	1229 KLBY- 4 KS 1033		1334 KAMR- 4 TX 1083		1129 KWNB- 6 NE 1039		
	1241 KSNC- 2 KS 901		2058 KSNW- 3 KS 831		1142 KSNC- 2 KS 901		
	1259 KSWK- 3 KS 1039		2103 KXJB- 4 ND 1065	tr	1149 WSMV- 4 TN 245		
	2152 WGBH- 2 MA 722		2145 KBME- 3 ND 1172		1159 WKRN- 2 TN 244		
4 Es	1629 KLBY- 4 KS 1033		2211 KPLO- 6 SD 1038	Es	1659 WJMN- 3 MI 707		
	1659 KIII- 3 TX 1069		2229 KDUH- 4 NE 1172		1712 CHFD- 4 ON 898		
	1729 KBTX- 3 TX 877		2233 KOTA- 3 SD 1209		1725 KXJB- 4 ND 1065		
	1359 KFDX- 3 TX 922		2313 KXMA- 2 ND 1265		1725 KDLH- 3 MN 868		
5 Es	0859 KSWK- 3 KS 1039		2318 KPRY- 4 SD 1062		1729 KGFE- 2 ND 1126		
	0924 KLNE- 3 NE 955		2320 KDLO- 3 SD 982		1959 KMOL- 4 TX 1037		
	0959 KPRY- 4 SD 1062	14 Es	0927 KBTX- 3 TX 877		2029 KBTX- 3 TX 877		
	0959 KUSD- 2 SD 929		0931 Cuba- 2	18 Es	0925 KMID- 2 TX 1165		
	1027 KOTA- 3 SD 1209		0936 KMOL- 4 TX 1037		0929 KBTX- 3 TX 877		
	1044 KMTV- 3 NE 800		0959 KENW- 3 NM 1210		0957 KACB- 3 TX 1077		
	1045 KDUH- 4 NE 1172		1047 KIII- 3 TX 1069		1056 KJRH- 2 OK 734		
	1213 WGBH- 2 MA 722		1130 KGBT- 4 TX 1146		1113 KCNC- 4 CO 1252		
	1215 WCBS- 2 NY 542		1236 XHY - 3 YU		1130 KTVS- 3 CO 1142		
	1218 WFSB- 3 CT 634		1301 KCNC- 4 CO 1252		1147 KNOP- 2 NE 1032		
	1221 WLNE- 6(RI) 700		1339 KAMR- 4 TX 1083		1155 KTWO- 2 WY 1335		
	1233 WBZ - 4 MA 722		1505 KLBY- 4 KS 1033		1259 XHRIO-2 TA 1145		
	1259 WLZ- 2 ME 920		1519 KAUZ- 6 TX 921		2258 KLNE- 3 NE 955		
	1329 WCAZ- 3 VT 752		1521 KFOR- 4 OK 839		2259 KSNB- 4 NE 872		
6 Es	1027 unID- 2	15 Es	0959 WBRZ- 2 LA 657		2259 KWNB- 6 NE 1039		
8 Es	1059 KPRC- 2 TX 888		1004 KXJB- 4 ND 1065		2259 KDUH- 4 NE 1172		
	1306 KBTX- 3 TX 877		1038 WEDU- 3 FL 593		2300 KTVS- 3 CO 1142		
	1359 WBRZ- 2 LA 657		1056 KDLH- 3 MN 868		2334 KNOP- 2 NE 1032		
	1734 WLZ- 2 ME 920		1059 KGFE- 2 ND 1126	19 Es	0029 KSNB- 2 KS 901		
9 Es	1145 KPRC- 2 TX 888		1059 KTGA- 2 MN 812		0029 KSNW- 3 KS 831		
	1944 KBTX- 3 TX 877		1228 KBME- 3 ND 1172		0031 KLBY- 4 KS 1033		
	1945 KMOL- 4 TX 1037		1228 KWSE- 4 ND 1351		0031 KRMA- 6 CO 1253		
	2027 XHRIO-2 TA 1145		1235 KSRE- 6 ND 1249		0034 KCNC- 4 CO 1252		
	2059 KIII- 3 TX 1069		1259 KXMA- 2 ND 1265		0100 KWGN- 2 CO 1252		
10 tr	0959 WKRN- 2 TN 244		1748 KGBT- 4 TX 1146		0938 XEFT- 2 NL 1284		
Es	1429 KAMR- 4 TX 1083		1754 KBTX- 3 TX 877	tr	0948 WTVG- 9 TN 182		
	1458 KCNC- 4 CO 1252		1755 KMOL- 4 TX 1037	20 Es	1129 KJAC- 4 TX 791		
	1459 KSWK- 3 KS 1039		1800 KIII- 3 TX 1069		1229 KACB- 3 TX 1077		
	1459 KTVS- 3 CO 1142		2049 KCNC- 4 CO 1252		1229 KDFW- 4 TX 864		
tr	1804 WSMV- 4 TN 245		2312 KACB- 3 TX 1077		1259 KFDX- 3 TX 922		
Es	2036 WBZ - 4 MA 722		2328 KFDX- 3 TX 922		1259 KENW- 3 NM 1210		
11 Es	1141 XHRIO-2 TA 1145		2338 KDFW- 4 TX 864		2130 KIMT- 3 IA 650		
	1153 KIII- 3 TX 1069	16 Es	0004 KMID- 2 TX 1165		2158 KGFE- 2 ND 1126		
	1154 XEFT- 2 NL 1284		0310 KDFW still in!!		2158 KBME- 3 ND 1172		
	1158 Cuba- 2		1736 KIII- 3 TX 1069	24 Es	1059 KACV- 2 TX 1083		
	1159 WBBT- 2 FL 735		1736 KJAC- 4 TX 791	26 tr	1006 WKCH-43 TN 89		
	1159 WTVJ- 4 FL 734		1741 KGBT- 4 TX 1146		1658 WRAL- 5 NC 226		
tr	1725 WAVE- 3(IN) 226		1743 KPRC- 2 TX 888		(local WCYB off the		
			1824 KDFW- 4 TX 864		air at the time)73s		

Jude from Joisey PO Bocks 2999 Clifton NJ 07015-2999 N2QJJ

I have seen some tropo, so far this season there has been 3 North Carolina openings. Well four openings if I include my oddball and shortest skip to date on June 14 I saw W4AY-3 from Wilmington NC at some 530 miles fading in/out with Tampa's WEDU-3! this was 1330 to 1400+ in the afternoon. They were running that Alcatraz movie, except this one was with Clint Eastwood and in between the movie they had a 2 minute Aluminum siding commercial with a 800 number and then they went back into the movie, oh yes I saw the ID-but kicked myself for not having the VCR all set up-oh well. In one of the NC trop openings I catch WJKA 26 NC at some 500+ miles, Joe Fela had them in much better than me. On July 3rd everyone had ch 8 from Moorehead NC, but CT was up and WTNH 8 was just too strong. Since the E-Skip after early to mid June to present, I say the season sucks, El stinko, -etc. Well I guess the season was MAY and the June 13 E-Skip opening was 'off season'. Hm, the way the season was to date, I'd guess we have to write the WIFDA's definition of the E-Skip season as May and anything else after is off season. Sarcasm is very ident-eh? Well for my other hobby, Ham radio: I've been listening to 18 wpm code from WIAW and various code tapes and attempting to pick out various letters, numbers etc, so someday soon I can pass the code and become a Tech +.



WRITTEN BY TOM BRYANT: 849 Todd Preis Dr.;  
Nashville, Tennessee 37221 (615) 646-2000

FROM THE DAYS OF THE CRYSTAL SET, INTO THE TUBE AGE; AND ON TO THE ERA OF TRANSISTORS AND IC CHIPS; DXERS HAVE BEEN SCANNING THE AIRWAVES IN SEARCH OF DISTANT, EXOTIC AND UNUSUAL STATIONS. "TIME TUNNEL'S" FOCUS THIS MONTH IS NOT ABOUT THE HOBBY ITSELF, BUT RATHER A PERSPECTIVE ON THE HOBBYISTS.

## W H O A R E W E ?

A strange lot, these 'dxe' folks! They listen to and watch what most human beings consider unlistenable and unwatchable. Their hobby seems to cause them to keep terrible hours, especially during certain times of the year. At these times, communication with family, friends, loved ones and non-dxers virtually ceases. Only a call from another dxer is worthy of response (and it had better not take too long)! When they attempt to explain their pursuit of distant signals to the unwashed masses, they are generally thought of as '...not having both oars in the water...!' So then, what are they? More specifically, WHAT ARE WE?

We are mostly male; some female. We are short, tall, thin, heavy, young, old, bald, braided, crew cut and permed! We know no racial, national, social or religious boundaries. We are single, married, straight, gay, rich and poor. We are the salt of the earth, and we are descendants of aristocratic bloodlines. We are happy, sad, wise, foolish, serious and silly. We are healthy, infirm, outgoing and introverted.

We keep meticulous logs; we jot a few notes on a scratchpad; or we don't bother to keep records at all. Some of us write for verification reports, some don't. We pursue our hobby alone, and in groups.

Those who read this are part of the fortunate lot who have found an organization of kindred spirits...those who go it alone probably outnumber us and usually don't know that others exist.

**GOOD DXERS** encompass all of the descriptives mentioned thus far...and then some. Our makeup is as broad as the scope of humanity itself. Without passing judgement, it would likely be safe to say that some dxers are better than others. Specifically those who assist others in their quest to polish their skills. Unselfish sharing of knowledge, expertise and time are marks of excellence respected by all.

Are we perfect? No, but most of us try do the best we can. Are there **BAD DXERS** in our midst? Hopefully not, but...if there are any who cheat, lie, or otherwise misrepresent their achievements or contributions; those who monetarily or otherwise take advantage of their peers; and/or those who fail to respect the many facets of interest within the spectrum of dxing...they are unworthy of recognition by our Fraternity.

We are misunderstood and scorned by many...but in spite of our detractors, WE ARE PROUD! We are proud to be a part of a very select group. We are proud of our individual achievements in our chosen area(s) of interest within the hobby. We are survivors; and as long as there are transmitted RF signals floating through the various layers above us; we will be listening and watching for the mysteries they will reveal during those magic moments when they manifest themselves as sight or sound at our monitoring posts.

We are rewarded only a fleeting moment at a time, but the thrill of each new conquest defies description. We may be different, even a bit eccentric, but we ARE dxers and we wouldn't have it any other way!

John M. Jefferson, cont.....

1933	KKMK	93.9	SD	Rapid City	0950	KODM#	97.9	"	Odessa	
1940	KGGG@	100.3	"	"	6/20/92	ES				
1948	KPLO	94.5	"	Reliance	1826	KDCK	95.5	KS	Dodge City	
1959	KPSD	97.1	"	Faith	1856	KWEN	95.5	OK	Tulsa	
5/25/92	ES				1900	KANZ	91.1	KS	Garden City	
1035	KCLV	99.1	NM	Clovis	1908	KSCB	107.5	"	Liberal	
1100	KIJN	92.3	TX	Farwell	1919	KIBN	90.7	KS?	Salina?	
6/13/92	ES				1924	KXLS	99.7	OK	Alva	
0923	KOFX	92.3	TX	El Paso	6/24/92	ES				
- Airplane Scatter -										
1600	KRAY	103.5	CA	Salinas	1815	KMML	98.7	TX	Amarillo	
6/12/92	ES				1822	KAWZ	105.7	"	"	
0650	KEBC	94.7	OK	OKC	1832	KARX	95.7	"	Claude	
0715	KHAZ	99.5	KS	Hays	1836	KDMX	100.3	"	Pampa	
0725	KBUZ	99.1	"	El Dorado	1839	KQTZ	105.9	OK	Hobart	
	KFDI	101.3	"	Wichita	1842	KMLT	97.9	TX	Amarillo	
0740	KANZ?	91.1	"	Garden City	1857	KGFX@	104.3	"	Borger	
0840	KTLS	93.3	OK	Ada	1907	KOFX	92.3	"	El Paso	
0848	KICM	105.7	"	Healdton	1912	KNYN@	95.5	NM	Santa Fe	
0856	KDGE@	94.5	TX	Gainesville						

cont.  
next  
month

## PUBLISHER'S NOTES:

RECENT VHF-UHF DIGEST covers have been made possible by the following kind contributors: May 1992 - Dr. Bruce F. Elving; June 1992 - Winegard Company, Burlington, IA; July 1992 - Danny Buntin; this month's cover includes material from Dave Nieman. THANKS to everyone else who has contributed cover material.

COLUMN EDITORS should make sure they are following the page layout specifications for VHF-UHF DIGEST. Lately, a couple of items have had to be returned to columnists so that they could be re-formatted for use in the publication. A reminder: do not exceed 12 inches of typed copy; overall submitted page length should be 13 inches. A half-inch margin at top and bottom ensures that no material gets cut off during the layout and photography phases of production.

SATELLITE NEWS' annual summary of the video services available on the popular C-band "birds" is on hold until next month. This month's VUD turned out to be more DX-filled than expected!

--Bill Thompson

## 1992 IRCA CONVENTION

The 1992 IRCA convention will be held in Huntsville, AL August 21, 21 & 23 at the Holiday Inn Research Park, 5903 University Drive, Huntsville, AL 35816. Room rates: **\$45 + 10% lodging tax** for either (1) A room with two double beds or (2) A room with one king size bed. Reservations can be made by calling **1-800-845-7275**, M-F, 8:30 AM - 4:30 PM CDT. Please mention IRCA when making the reservations. There will also be a **\$25 reservation fee** made payable upon arrival to IRCA. This reservation fee includes the cost of the Saturday night banquet, as well as refreshments during the convention. Check in time at the hotel is 2:00 PM and checkout time is 12:00 noon. Convention committee co-chairpersons are:

J.D. Stephens  
3715 Conger Road, SW  
Huntsville, AL 35805  
Home: (205) 650-0642  
Work: (205) 961-4353

Lynn Hollerman  
514 Carrsbrook Road  
Huntsville, AL 35803  
Home: (205) 883-1668

Items to be donated for the auction may be sent to Lynn Hollerman. For a convention kit, including a map to the hotel, please contact J.D. Stephens.

# WANTED:

## HOST FOR WTFDA CONVENTION 1993

IT'S ALMOST TIME FOR WTFDA CONVENTION '92 IN PITTSBURGH, BUT WE'RE ALREADY LOOKING AHEAD TO 1993!  
IF YOU WOULD LIKE TO HOST OUR CLUB'S '93 GETTOGETHER, SEND A BRIEF SIGNED NOTE TO:

WTFDA Board of Directors - c/o P O BOX 514 - BUFFALO NY 14205-0514

IF MORE THAN ONE BID IS SUBMITTED BY SEPTEMBER 30, 1992, A MEMBERSHIP VOTE WILL DECIDE THE 1993 CONVENTION SITE. IF ONLY ONE BID IS RECEIVED BY THE ABOVE DATE, THAT BID WINS. IF YOU HAVE CONSIDERED HOSTING THE CLUB CONVENTION, NOW'S THE TIME TO PUT IT IN WRITING!



# ATTENTION: WTFDA CLUB DUES MAY INCREASE SOON

A NEW DUES STRUCTURE IS CURRENTLY BEING PROPOSED TO THE BOARD OF DIRECTORS AND TAKES EFFECT AT THE END OF SEPTEMBER IF APPROVED. THE RISING COST OF PRINTING THE V.U.D. EACH MONTH, AND FUTURE U.S. POSTAL INCREASES MAKE THIS NECESSARY.

BUT YOU CAN STILL RENEW AT THE CURRENT RATES OF \$17 PER YEAR (\$19 TO CANADA, \$27 ELSEWHERE) BEFORE THEY DO. WE'LL ACCEPT A MAXIMUM OF ONE YEAR'S RENEWAL AT CURRENT DUES RATES.

W.T.F.D.A - P.O. BOX 514 - BUFFALO NY 14205-0514 U.S.A.