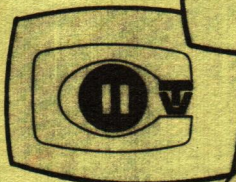


# VHF-UHF DIGEST

1974  
MARCH



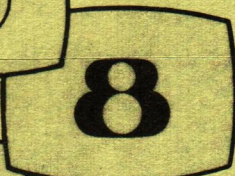
DE TODOS LOS CANALES



PARA TODAS LAS REGIONES



SOBRE TODOS LOS TEMAS



EN TODOS LOS NIVELES





# **publishers' notes...**

**WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA**

**SPRING IS IN THE AIR...** And soon to be joined by DX. If your antenna system isn't what you'd like it to be, now is the time to prepare for those changes. Before long, Es will be here and the need for a vertical antenna will again appear. A look back at past VUD articles will provide the necessary information. This is also a good time to completely check out your receiver. For TV receivers, clean your tuner, check all tubes (especially RF, IF and sync circuit tubes) and have an extra fuse or two on hand. FM-DXers might also check out their tape recorders for proper operation. If the heads haven't been cleaned and demagnetized recently, do it now. It could save you from missing a rare DX recording. TV-DXers would do well to check the operation of their cameras. Make sure the shutter doesn't stick. Keep some extra film on hand also.

**MEMBERSHIP LIST...** Enclosed with this issue, you should have found the 1974 WTFDA membership list. We've had many requests for this feature and have printed it separate from the VUD for your convenience.

**MEXICAN FM STATION ADDRESSES...** "Hidden" on page 10 of this issue is a super FM-DX feature, by Glenn Hauser. Glenn lists detailed information on over 100 Mexican stations! This month's cover was also contributed by Glenn.

**THE METEOR THAT ALMOST ATE IDAHO...** Bill Heusmann has forwarded to us an AP Wire Service account of "a huge meteor that narrowly missed smashing into the Western United States 18 months ago." According to the AP story, the meteor skimmed within 36 miles of the earth. The meteor was estimated to be about 13 feet in diameter and weigh more than a thousand tons. "Had it hit, it would have had the impact of the atomic bombs that destroyed Hiroshima and Nagasaki in World War Two." It is believed that this may have been the largest meteor ever seen. Can you imagine the high band burst that it must have caused? By the way, you may ask why this story was so late in coming. The answer is that the US Air Force only declassified the story recently.

**AUTOMATED TV-DXING...** The March issue of RADIO-ELECTRONICS reports in their "looking ahead" column, that Sanyo has developed and demonstrated a device will allow a viewer to preprogram a television set for an entire week. The device looks much like a pocket calculator, but its keyboard programs the device to turn on the set, select a channel and turn off the set, up to 32 different times.

**DXING INTRO...** By the time you read this, our (still unnamed) Introduction to TV, FM and VHF DXING should be in the process of being printed. The tentative price of this booklet is \$1, with a special early bird price to be announced next month. If you are still waiting to receive our old (out of print) New Member Package, you will receive the new booklet at no extra charge.

**Supplies...** Our new supply of VUD Boxers has arrived and the price is still \$1.25, postpaid. If you're still trying to stuff too many VUD's in your old boxer, now's the time buy another! Remember, their size is also ideal for storing bulletins of NASWA, NRC and ASWLC... A new supply of club rubber stamps is also on hand. The price is \$3. Gary and Morrie



# TECHNI-

# CORNER

Conducted by:

David T. Janowiak  
3661 South 46 Street  
Greenfield, Wisc.  
53220

## FOR BEGINNING DXERS: DON'T GET DISCOURAGED

For the beginning DXer, a comparison of his DX with that reported by a neighboring "old pro" DXer can indeed be discouraging. Such comparisons may lead to the erroneous belief that to be a good DXer you really need some sort of magical "black box", and until you get that black box, your results will be poor. Worse, a beginner may become so discouraged by log comparisons that he chucks the hobby entirely before learning what it's all about.

What I'd like to do here is try to eliminate some of this discouragement by showing how the veteran and novice DXers may spend their DX time, how they report specific forms of DX, and why they get such results. To do this let's look at the three major forms of DX.

E-skip, where stations from about 400 to 1400 miles appear with amazing strength, is the most dramatic and exciting form of DX for the beginner. The veteran who has seen most or all stations normally logged via E-skip is less excited.

For E-skip, the quality of receiving equipment isn't too important. The beginner with a modest antenna will receive perhaps 90% of what a near-by veteran receives with his "supertenna", assuming adjacent channel rejection is not a factor. What is important is what the veteran does with his time during an opening. Experienced, the veteran can often guess the identification of a station -- even if received briefly -- based on (a) time zone, (b) direction, (c) programming, (d) offset, and (e) stations received earlier and simultaneously. In a multi-hour opening, the vet may report twice as many stations as the beginner, and he's actually received all of these, but hasn't necessarily seen the call. There is nothing wrong with such reporting, even though some are tentative, for the reporter is not trying to fool or impress anyone, just report what he is reasonably sure he has seen. (In most cases, he has seen these stations several times and has verifications anyway.) The beginner, lacking experience, can't anticipate or plan ahead. Also, he must use valuable ID time for a photo or sufficient program material for a letter verie.

Even more dramatic is the experience of the 30 to 50 MHZ DXer. A combination of fading E-skip signals, poor quality audio section on some receivers, nazzle-toned announcers, etc., makes identification of the call letters of some paging stations difficult for the beginner. After several receptions, though, the station is easily identified based on recognizing key parts of repeated phrases.

For tropospheric reception, the beginner is more apt to get discouraged, especially on UHF. He may wonder how in blazes some cats continually log certain UHF stations in the 300 to 600 mile range with amazing consistency when the beginner has snow on his 50 mile semilocals.

Simply, the beginner with a VHF-UHF combo antenna or a low-gain UHF antenna at 30 feet can't cut it unless he is in a great geographic location. Whereas the beginner may expect good luck during E-skip with his modest antenna, tropo results probably will be poor. Look at the successful UHF DXers in WTFDA. They all have alot of bucks in equipment necessary for handsome UHF logs: parabolic dishes, preamps, accurate tuners, perhaps tall towers, and quality accessories.

So, sensitive, low noise equipment is a must at UHF and -- to a lesser degree -- for tropo on channels 7 through 13. Since tropo affects the low band (channels 2 through 6) less than the higher channels and since low band stations are so easily propagated via E-skip, very few DXers seek high gain for tropo results at the low band. But even if a beginner is fortunate enough to assemble a decent high-gain system, it will take some time (perhaps short time) before he gets good results. On UHF, he may stare at snow for weeks expecting a given station via ducting. It may take him awhile to verify if he's on channel or if his sharp parabolic is aimed correctly. Certainly it will take him several months minimum to "see" how weather patterns influence reception. The old timer is able to spot key check stations via ducts, even if they appear briefly and with poor quality, because the old timer has set a pattern of checking, knows when to check and in what direction to check based on past experience and weather.

The beginner, therefore, should not expect his tropo results to match the veteran immediately. However, by realizing how exciting long haul tropo can be, the beginner should strive for good equipment; the experience will come rapidly. E-skip reception is nice. But ask any veteran what form of DX he prefers and he'll probably say tropo or meteor scatter.

With meteor scatter, signals from stations typically 300 to 1200 miles away are reflected back to the earth briefly. Lower channels are affected best, with low-band TV and FM most common.

Even more than with tropo, results with meteor scatter are directly proportional to the sensitivity of the receiving system. However, three big things are going for meteor scatter. First, it is the only form of DX that is predictable (ie, annual meteor showers are well known). Second, you don't need antenna height, which is vital for UHF tropo. Third, geographic location is unimportant.

Again, though, any attempt to randomly aim the antenna in a given direction on a given channel at any given time for the chance of getting bursts often less than a second long will probably wind up in wasted effort. You must do your homework for meteor scatter, not only knowing when showers occur but when they match up with identifiable test patterns. Several bursts of programming without identification can be ulcerating. (For excellent "how to" articles about meteor scatter DX, consult Bob Cooper's Technotes of recent years.)

The message is education. You must learn what you need in equipment and what to expect with the equipment you have. With experience, even if equipment isn't the ultimate, the sky is the limit. Years ago, members got a head start through WTFDA's "beginners guide to DXing". Soon to be released is an improved "beginners guide". (See this month's Publisher's Notes.) In time, your results and reports will reflect your expertise, and you too may be called an experienced veteran.

73 Dave





# FCC TV NEWS - DATA

Roger H. Brown  
1617 Linden  
E. Lansing, MI 48823

## STATION STATUS CHANGES

WATU-26 Augusta, GA returned to air 1-14  
WPGH-54 Pittsburgh, PA returned 1-11  
KEKO-10 Elko, NV off air 1-24  
KITC-6 Nampa, ID new on air 2-1  
KWCS-18 Ogden, UT off air 2-7

Additionally...Broadcasting reports WOPC-38 Altoona, PA was expected on 1-20 with low power and short tower...and WNIT-34 South Bend, IN is on with PBS programming and lots of power (20 KHz offset to WOSU-34).

## CHANGES IN ACTIVE STATIONS

KUID-12 Moscow, IN 23KW Aur, 1100' AAT  
WSVA-3 Harrisonburg, VA 800 WATTS aur, 2130' AAT

## APPLICATIONS FOR NEW STATIONS

Ch 7--Butte, MT 316KW Vis, 1900' AAT Educ.  
Ch 32--Washington, DC 1200KW Vis, 770' AAT Edu.  
Ch 19--Craighead, AR 1200KW Vis, 1200' AAT Edu.

## CALL LETTER CHANGES

WCML-TV (6) Alpena, MI (New, not on)  
WPEC (12) W. Palm Beach, FL (Was WEAT-TV)  
KABY-TV (9) Aberdeen, SD (Was KCOO-TV)  
KSPY-TV (13) Sioux Falls, SD (Was KSOO-TV)

## CPS

Delete WSWO-26 Springfield, OH  
Delete WJMR-20 New Orleans, LA  
Delete WCIC-52 Ithaca, NY

## Miscellaneous

Many requests at FCC for more power in active stations..especially at educ. UHF stations. Of major interest..WMBD-31 Peoria wants 2000KW plus vis, 2 lower KY Us (WCVN, WKAS) want more power, as do Educ. Us in Richmond and Norfolk, VA...in Chicago, WLS-7 now op from Sears tower, WXXW-20, WTTW-11 will be soon. WTAF-29 Philly now "strongest station in US"!!.. 5000KW, omnidirectional pattern! Next month...translator news!



Canadian Radio-Television  
Commission

Conseil de la Radio-Télévision  
Canadienne

J. JOEL ROSENBERG & MARK L. LEWIS  
47 PANNAHILL RD. 599 GAINSBOROUGH RD.  
DOWNSVIEW -ONT- LONDON  
416-633-1769 519-471-0978

## NORTH OF THE BORDER:

## FOR NEWS IN CANADIAN BROADCASTING

MAR 74

### TV APPROVALS

BONNYVILLE, ALTA ch. 6 67 kw. dir. Sat. of CBXFT Edmonton ch. 11 (R-G)  
LAC LA BICHE, ALTA CFRN-TV-5 Sat. of CFRN-TV-4 Ashmont ch. 12 (CTV)  
Press: ch. 6 49 w. EHAAT 170 dir Props: ch. 2 1.225 kw. EHAAT 126 dir.

### TV APPLICATIONS

GRANBROOK, BC CBUBT Press: ch. 65-1.1 kw. Props: ch. 59 0.3 kw. (CBC)  
RADIUM HOT SPRINGS, BC CBUBT-5 Press: ch. 75 Props: ch. 77 (CBC)  
MEDICINE HAT, ALTA ch. 8 13.4/1.3 kw. Sat. of CFRN-TV-5 Lethbridge ch. 13 (CTV)

### FM APPROVALS

PEACE RIVER, ALTA 93.9 MHz 44 watts omni (CBC ENG) AM net (f)  
THOMPSON, MAN 99.9 MHz 86 watts omni (CBC FR) AM net (f)

### FM APPLICATIONS

VANCOUVER, BC 102.7 MHz 3.975 kw. erp English language  
EDMONTON, ALTA CKUA-FM 98.1 MHz Alta. Educ. Comm. Corp. acquire licence from Univ. of Alta.

### TIDBITS

###CBC's public hearing before ORTC for 5 yr. licence renewal began Feb. 18. Although approval is expected, the 300-plus interventions filed with ORTC will definitely make waves. Just the week before, CBC was granted funds to set up transmitters to the last 2% of the Canadian population not presently covered by CBC signals. Each centre of population greater than 300 will be serviced by both a radio and TV satellite transmitter within the next 2-3 years.

###CBC's new corporate name has been chosen along with new logo...Radiotelevision Canada. That's quite a mouthful and initials, RTO, would be confused with ORTC. The decision is not yet final.

###GLOBAL TV NETWORK new IDs every half hour. This consists of the map shown of cover of February "VUD" with a large 'G' lower right and 'Globals CKRM-TV Transmitters' in the upper left corner. There are still sporadic transmitter failures, but all stations are on the air. Address is 81 Barber Green Rd., Don Mills, Ont., M3C 2A2.



# FCC FM NEWS

Bruce F. Elving, Editor  
Box 24  
Adolph MN 55701

## New Construction Permits

AR Clarksville 92.7 3000 -73'  
CA Blythe 100.3 20500 h,v; 560'  
CA Modesto \*89.9 10 [Decision]  
FL W. Palm Beach 92.1 3000 h,v; 300' Final  
IL Vandalia 107.1 3000 h,v; 165'  
IN Crawfordsville 103.9 3000 h,v; 300'  
KS Marysville 103.1 3000 h,v; 200'  
MA Waynard \*91.7 10  
MA Tisbury 95.9 3000 h,v; 297' Maps show N.  
& W. Tisbury (on Martha's Vineyard) but  
not "Tisbury" itself. Is there such a  
place? WJ Marquette 100.14 1800; 370'  
MN Northfield \*90.3 10 Carleton College  
MS Winona 96.7 1000 165'  
MO Doniphan 97.7 1000 h,v; 480'  
MO St. Louis \*89.3 10  
MT Helena 103.1 3000 h,v; -370'  
NM Mesilla Park (near Las Cruces) 104.9  
3000 h,v; -32'. Not reported in VUD, but  
granted in July '73;  
NY Corning WCEB \*91.9 10 [Decision]  
NY Geneva 101.7 3000 h,v; 117' Initial /  
NC Asheville \*88.1 1450; -155'. Not lis-  
ted in VUD, but granted in May or June;  
NC Davidson WDAY \*90.5 10  
OK Langston \*90.7 10 [al Decision]  
OK Oklahoma City 107.7 58490 h,v; 284' Fin-  
OK Stillwater \*90.9 10 Ed'l Bcstg.  
OK Woodward 93.5 3000 h,v; 150' [/Org.  
SC Mullins 107.1 3000 h,v; 235'  
SC Cayce 96.7 3000 h,v; 300' Final Dec'n.  
TN Lovellville 94.3 3000 h,v; 300'  
VA Blackstone 93.5 3000 h,v; 300'  
VA Virginia Beach 94.9 50000 h,v; 467'  
[Blackstone is an initial decision, sub-  
ject to change; Va. Beach is a Final Dec.]  
WA Bridgeport K280AD 103.94k 10 [Transla-  
tor of K101-FM 100.3 Moses Lake WA]  
WA Centralia \*91.3 10  
WV Morgantown 100.1 3000 h,v; 90'

## Deletions

ago deleted, but just discovered  
NC Greenville WWS \*91.3 Probably long/  
WV Fairmont WFC \*90.9 Const. Permit

## Construction Permits Extended (Selected)

HI Kailua KKA1 96.3 10 6-21-74  
LA Lake Charles KIKS-FM 96.1 to 7-6-74  
MI Ironwood WJMS-FM 99.7 to 7-1-74  
**On the Air and OX Ready!**  
CA Manteca KNBS \*90.3 10 [Calls from KPJE]  
CA Santa Cruz KZSC \*88.1 10  
CA Walnut KSAK \*90.1 10  
IL Lincoln WLNK \*91.1 10  
IL Plano WSPY 107.1 3000 h,v; 165' [245']  
KS McPherson KNEK-FM 96.7 MOR 3000 h,v/  
LA Grambling KGRN \*91.3 10  
MI Ishpeming WQOT 107.1 630 h,v; 630'  
MN Morris KUMN \*89.7 10  
MT Anaconda KGLM-FM \*97.7 210 h,v; 950'  
NJ New Brunswick WRSU-FM \*88.7 1350 h,v;  
NC Boiling Springs WGSG \*88.3 /125'  
4700 h,v; 220'. TN Johnson City WETS  
\*89.5 70000; 2200'. TX Alice KBIC 102.3  
3000 h,v; 300'

## Changes in Facilities

AZ Phoenix KRPM 95.5 96000 h,v; 1570'  
AR Blytheville KHL 96.1 100000h,50000v  
CA Long Beach KLOK \*88.1 1200 h,v; 430'  
CA San Bernardino KQLH 95.1 15000h,v; 320'  
CA San Francisco KSAM-FM \*94.9 30000h,v;  
1210' " " K101 101.3 1160' (125k)  
CO Colorado Springs KPJK-FM 94.3 to move  
to 93.9; new power, height unknown.  
HI Hilo KKEA 97.9 100000 h,v; 630' (CP  
extended to 6-26-74)  
IL Carbondale WSIU \*91.9 50000 h,v; 300'  
IL Pekin WSIW-FM 95.3 2800 h,v; 89'  
IL Woodstock WXRQ 3000 h,v; 300' [Calls  
changed from WSTK]  
IN Kokomo WKMO 93.5 3000 h,v; 190'  
WKI 100.5 20000 h,v; 460'  
LA Lafayette WSNB 94.5 29500; 230'  
LA Shreveport KROK 94.5 adds v[500 v; 730']  
MO Hagerstown WARK-FM 106.9 19500 h, 12-/  
MI Sault Ste. Marie WSMN to move from 92.7  
to 99.5; new power, height unknown.  
MN Moorhead KCCM-FM \*91.1 drops v

MO St. Louis KKSS 107.7 100000h,v; 990'  
MS Clarksdale WJBI 101.7 200' (3000h,v)  
MS Ocean Springs WOSB 103.1 300' (3000)  
NJ Blairstown WBNY-FM \*106.3 265 h,v;  
NY Buffalo WADV 106.5 29000h,v; 390' [860']  
OH Alliance WNUW \*91.1 (not \*91.7)  
OK Galion WQHR 102.3 300' (3000)  
OK Oklahoma City KAFG 102.7 100000; 295'  
OR Chewalt & Crescent K276AE 103.1 from  
K265AA, 100.9; thus relieving inter-  
ference problem with KICE 100.7 Bend.  
[See Smith, Nov. VUD, p. 14.]  
TN Memphis WLTX \*89.3 1100 h,v; 150'  
TN Murfreesboro WNTS-FM 96.3 20000h,v  
TX Houston KPFT \*90.1 97000h,v(440')  
TX Wichita Falls KFTO 103.3 450' (100kw)  
WA Seattle KOL-FM 94.1 98000h,v; 1170'  
WI Marshfield WDLB-FM 106.5 56000h,v  
WI Watertown WTTN-FM 94.1 285' (20000)

## Call Letters Assigned

AL Fairhope 92.1 WGOX-FM (was WABF-FM)  
CA Chico 93.7 KFMC (KCRB)  
DE Bethany Beach 95.9 WTRT-FM  
FL Melbourne \*91.5 WFIT FL Institute of  
HI Wailuku 95.1 KAOI (KHII) /Technology  
IA Dubuque 105.3 KIII (WDBQ-FM)  
IA Oscaloosa \*88.7 KIGC  
KY Hodgenville 106.3 WLCB  
LA Abbeville 104.9 KROF-FM  
LA Bastrop 94.3 KTRY-FM  
MA Franklin \*91.3 WGAO  
MA Lawrence 93.7 WCGY (WCCM-FM)  
MA Milton \*91.5 WMLN-FM  
MA Newton \*90.3 WZBC Boston College  
MA Westfield \*91.5 WSKB  
MS Booneville 99.3 WBIF-FM  
MO Greenfield 93.5 KRFG  
MI Havre 92.5 KPOX  
PA Easton 96.1 WLEV (WEST-FM)  
SC West Columbia 100.1 WAEX  
TN McMinnville 103.9 WBNM-FM (WNNR)  
TX El Paso 96.3 KEZB  
TX Wichita Falls 92.9 KGOH  
VT Barre 107.1 WOKK  
VA Grundy 97.7 WNUJ (WNRG-FM)

## FM INDUSTRY NEWS AND READERS' COMMENTS

On the air in stereo and with rock is KGN 92.3 Portland,  
formerly KLIQ-FM. KUNI \*90.9 Cedar Falls IA was to have  
gone on the air in Feb. 18. WDXK 103.9 Rochester NY on the  
air in \$ with soul music. WRQK 98.7 Greensboro NC changes  
from country to rock. WIAL 94.1 Eau Claire WI now seems to be  
back on the air with normal power and coverage. WQXA (former  
WQW-FM) 105.7 York PA still country (k) music, no \$. WITH-FM  
104.3 Baltimore MD all rock now. WLEV (former WEST-FM) 96.1  
Easton PA still mono, simulcast with AM. WOR. WYCR 98.5 Han-  
over PA now simulcasts AM station WHVR; "they cater primarily  
to the AM audience, plugging WHVR and 128J throughout most of  
their programming hour, while only mentioning "in simulcast with  
WYCR Hanover" on the hour and half hour and other times at ran-  
dom." Top 40; \$ lite on, but no separation heard; because out-  
put of AM board is mono only?

WJMS 92.7 Prince Frederick MD now k (was "Broadway Shows").  
WEFG 102.5 Winchester VA now "hit parade." WFVA-FM 101.5 Fred-  
ericksburg VA is top 40 simulcast of AM, and WHAG-FM 96.7 Half-

way MD is reportedly 83% rock and 16% country and western.  
Andrew P. Smith, 4309 Hamilton St., Hyattsville MD 20781,  
wonders if anybody knows anything about the status of a  
proposed "WDYR" 99.9 in Ocean City MD.

Because of the grant of "Tisbury" (see above) delete  
Falmouth MA 95.9 from the FM Atlas, p. 41.

WQHU 103.1 DeFuniak Springs FL says they will not sign  
on before May; they plan no \$, rock, 18-hours-per-day on air.  
WPCS Pensacola was denied CPs for translators in Ft. Walton  
Beach FL, Montgomery AL and Selma AL, because they do not  
operate schools in those cities. WTVY-FM 95.5 Dothan AL is  
now modern country, instead of rock. WYMI 93.7 Biloxi MS no  
longer switches from rock to country after 6 p. m. They are  
all rock and all \$. Columbus GA 107.3 now giving its ID as  
"WCQX FM 107." WFTM-FM 99.3 Fort Walton Beach now 24 hours,  
7 days/week. In MI, WKQC 98.1 Saginaw now \$, country until  
midnight, after which it rocks with WSM. Now 50 kw h.v.



# FCC-FM

WGNA 107.7 Albany NY is on the air in \$, 24 hours/day with a silent period midnight to 5:30 a. m. Mondays. Format is k music. The station has already received reports from Maine, Montpelier VT, and Hartford CT. The station welcomes reports, which can be sent to WTIFA member Joseph Loverro, who is the 3-9 p. m. personality at WGNA.

In Texas news, KBER-FM 100.3 San Antonio was solid rock for about two months, but has reverted to country and western. KEXL 104.5 and KITE (AM) plan to simulcast, at least 50% of the time. KPLX 99.5 Fort Worth (the former KXOL-FM) has retained its "solid gold" format. KMIO 101.3 Sinton was recently heard not in Spanish; change in format?

KYSS-FM 94.9 Missoula MT is 30 kw, not 50 kw, as reported previously. The old facilities of KYSS-FM, when it was on 100.1 atop the Florence Hotel, are still intact. KYLT (AM) is trying to get those facilities to run a 24-hour rock station on FM. KXLY-FM Spokane, which should have been heard on 99.9, was supposedly heard in Missoula on 98.5 with rock, instead of KXLY-FM's country format. I suspect this person heard KHQ-FM 98.1, mistaking it for KXLY-FM.

KNEX-FM 96.7 McPherson KS now on the air with \$, MOR. When the local high school or college teams have a game, KNEX-FM carries the play-by-play. KSAL (AM) filed an application for an FM station in Salina on 93.7 with 100 kw at 51'2", with an antenna 8 miles north of Salina. KSKG 99.9 Salina now plays old rock 9 a. m. to noon weekdays. The rest of their 24 hours they play top 40 rock hits.

KFYR-FM 92.9 Bismarck ND began \$ stereo programming Feb. 1. They are operating from 6:30 a. m. to midnight with "solid gold," and fully automated. This makes KDLR-FM 96.7, and probably KRSS "88.1 Mandaree) Devils Lake the only non-stereo in North Dakota.

CMBN-FM "Radio Caribe," Santa Fe, Isle of Pines [See Feb. VUD, p. 7] is on 100.0 mHz. All three of the new Cubans are very weak, with power estimated at 300 watts for each. Only CMW-FM 90.5 at 3000 is the strongest receivable in S. Florida.

From the WBEZ "91.5 Chicago program guide for Feb. '74: Mrs. L. Naismith, Joliet IL, writes: "I'm happy to hear WBEZ is staying on the air until midnight. I always wondered why you had to leave the air at 10 p. m. just as I was getting home from work. Now I can enjoy a couple of hours of your fine jazz music." Sofia Brown, Chicago, asks: "Would you kindly tell me why WBEZ doesn't offer more black music?" Answer from WBEZ: "WBEZ does offer black orientated (sic) music on the program NEW DAY, MIDDAY and DRIVE TIME. An hour long program of music and features at 8 a. m., 12 noon, and 4 p. m. We don't believe people with developed minds want to hear 'just' music all day."

The National Association of FM Broadcasters is fighting a proposal by Muzak that all FM stations be limited to 90% modulation. Stations that have a 67 kHz SCA claim that music services will not affiliate with them because their modulation must be reduced — so they want to equalize things and have the modulation of all FM stations limited to 90%! The NAFMB says: "They are suggesting that every FM station in the country suffer a probable degeneration of signal, that millions of FM listeners be deprived of the full advantage of FM's signal in order to accommodate a handful of Muzak operators who are faced with a unique problem." At least such a rule might force some of the horrendously overmodulating stations to conform.

New changes are proposed in FM transmission rules which would make it possible for FM stations to broadcast a Dolby Type-B-encoded transmission for noise reduction.

# MARCH, 1974

WRVZ-FM 96.7 Jupiter FL now rock 6 p.m. to midnight; MOR the rest of the time. WNFV 94.5 Naples FL changed calls to WCVU ("See-View-") (or is it "Sea-View"?) with the same MOR. The new WAMR-FM 92.1 Venice FL is rock and not stereo; 6:30 am to midnight. The new WAFG "90.3 Fort Lauderdale is on in \$. A new Spanish station is to come to the Miami area, with WQXX 92.1 to change from country to Spanish, "Radio Alegro."

WELN-FM 107.9 Cleveland OH cancels all simulcasting with AM; now has a mixture of country and MOR music. Akron and central OH stations are reportedly very hard to receive in Cleveland, due to higher elevations to the south of Cleveland.

The former operator of now-silent extra legal "KRJB-FM" 107.3 Mankato MN noted that the station operated until 1971, later switching to 96.7 with a limited Saturday morning schedule, some of it in \$. This person has moved to Evanston IL, and there's a remote possibility he may open such a station there.

KFMX 104.1 St. Louis Park changed from KRSI-FM to give the FM a separate identity from AM; rock continues. WBLZ-FM 100.7 Eau Claire, with parttime \$, carries ABC Contemporary news and Mutual sports. WXRT 93.1 Chicago increases its progressive rock programming (and presumably its \$ hours) two hours per day.

WCAL-FM "89.3 Northfield MN has, according to a survey conducted by the American Research Bureau and commissioned by the Corporation for Public Broadcasting, 33,800 listeners in an average week — more than any other noncommercial station in MN, WI, ND, or SD. It was placed in the top 19 of 148 CPB-qualified stations across the country.

The SCA of KEYC-FM 99.1 Mankato contains noon livestock reports but nothing else the rest of the day — strange!

Contributors to last month's FCC-FM column were not listed, so here they are: Robert Baker, Humboldt IA; Warren Bird, Durham NC; Dick Clark, Lighthouse Point FL; Mike Dörner, Nome AK; Bob Eddy, Newport OH; Al Ellis, Brantford, Ont.; Bill Falt, Cleveland OH; William R. Hale, Shalimar FL; Glenn Hauser, Stillwater OK; Roger S. Horie, Missoula MT; Mark Lewis, London, Ont.; Vic Melis, Pottstown PA; Jim Montgomery, Evansville IN; Paul Petosky, Munising MI; Les Prus, Manhattan KS; Bob Mitchell, Lincoln NE; Allen Rockford, Syracuse NY; Lars Rydell, Tokyo, Japan; Dave Walcutt, Carbondale IL; Bob Ziel, W. Palm Beach FL.

Contributors to this month's column: Frank Aden, Jr., Bend OR; Dick Clark; Pat Dyer, San Antonio TX; John Ebeling, Bloomington IN; Al Ellis; Bill Falt; William R. Hale; Joseph Loverro, Watervliet NY; Fred McCormack, Des Lacs ND; Victor K. Melis, Pottstown PA; Andrew P. Smith, Hyattsville MD; Ron Wing, Salina KS.

And if you should hear the new WQXQ 96.3 Munising MI, which should be on the air soon, Paul Petosky has prepared a beautiful QSL card with a picture of the Lake Superior shoreline, call letters, frequency, address on one side and this on the address side:

THIS CONFIRMS YOUR RECEPTION REPORT

DATED	AT
OF WQON-AM <input type="checkbox"/>	WQXQ-FM <input type="checkbox"/>
WQXQ-FM	
TOWER HEIGHT: 190 Feet.	
HEIGHT ABOVE MEAN SEA LEVEL: 1210 Feet.	
TRANSMITTER: RCA 3 KW Measured ETP-321	
ANTENNA: RCA RFB-218 Circular Polarized	
AUTOMATION: Systems Marketing Corporation	
Thank You For Your Report.	
X-2018	
SIGNED & TITLE	

73,  
*Don*



MARCH 1974

Deadlines:

12 March (12T 91PM)

12 April (13T FM5B)

10 May (TVSB, revisions)



Editor:

Glenn Hauser

KOSU - FM

Okl. State Univ.

Stillwater OK 74074

# TV SCOREBOARD

		S T A T I O N S P O L I T I C A L U N I T S											
<u>DXer</u>	<u>Location</u>	<u>Total</u>	<u>UHF</u>	<u>Tri</u>	<u>Es</u>	<u>MS</u>	<u>USA</u>	<u>Can</u>	<u>Mex</u>	<u>For</u>	<u>Total</u>	<u>YB</u>	<u>As of:</u>
*Robert Seybold,	Dunkirk NY	620	222	28	194	28	494	8	4	3	65	50	4 Oct
*Ron LeBlanc,	Marrero LA	296	66	2	87	6	344	3	8	6	52	67	16 Sep
Pat Dyer,	San Antonio TX	224	30	0	107	16	38	2	7	4	51	59	11 Feb
*Roger Brown,	East Lansing MI	412	179	4	89	14	414	6	1	1	50	57	8 Nov
Gary Olson,	Deerfield area IL	375	153	13	87	6	394	6	2	2	50	58	19 Jan
Bill Draeb,	Keweenaw WI	553	215	24	145	15	414	6	1	0	49	53	13 Dec
Fred McCormack,	Des Lacs ND	288	33	18	169	35	404	6	2	0	49	64	6 Feb
Ken Simon,	West Palm Beach FL	149	15	3	94	13	304	4	5	8	48	69	2 Jan
Marvin Shults,	Toulon IL	274	112	12	82	1	35	6	2	1	44	65	10 Feb
*Frank Wheeler,	Erie PA	247	47		108	4	324	9	0	1	43	55	18 Sep
Don Ruland,	Kenosha WI	334	139	3	55	24	364	5	0	0	42	71	7 Feb
Paul Potosky,	Munising MI	210	5	10	91	3	36	6	0	0	42	54	6 Jan
*Dave Egan,	Valleyfield PQ	192	21	0	77	15	344	5	0	2	42	67	1 Nov
Richard N. Allen,	nr Billings OK	157	46	14	40	17	33	4	4	0	41	73	4 Feb
Glenn Hauser,	Stillwater OK	136	32	1	49	1	284	3	5	0	37	73	15 Feb
*Rod Luoma,	Livonia MI	256	121	2	40	5	304	3			34?	53	24 Oct
*Paul Traska,	Buffalo NY	217	84	0	36	15	304	2	0	1	34	67	6 Nov
*Ron Hade,	Rockford IL	171	50		34	12	30	3	1	0	34	70	17 Sep
*William Bonner,	Calesburg IL	147			36	0	254	3	3	1	33	71	19 Aug
*Dennis Smith,	Wasco CA	148	27	8	89	0	254	3	3	0	31	54	30 Aug
Fred Nordquist,	North Syracuse NY	123	21	0	40	2	26	3	0	1	30	69	2 Jan
Peter Sawatzky,	Waterloo Ont	121	38	0	43	0	24	3	0	0	27	71	19 Jan
*Peter Gennuso,	Dunkirk NY	170	60	1	34	1	22	4	0	0	26	73	24 Oct
John Combs,	Orlando FL	75	5	0	32	4	19	2	0	2	23	71	2 Feb
Jim Alexander,	New Hartford NY	58	3		30		17	5	0	0	22	72	7 Feb
Richard E. Wood,	Baton Rouge LA	81	17	0	21	0	14	2	0	4	20	73	25 Nov
Steven Wiselblood,	Santa Maria CA	31	0	0	25	0	11	3	2	0	16	73	10 Feb
*Paul Maritato,	Elizabeth NJ	38	18	3			124				13?	71	5 Oct
*Dennis Smith,	Santa Barbara CA	35	12	0	8	0	8.	0	2	0	10	51	30 Aug
Walt Windish,	Woodcliff Lake NJ	34	34	0	0	0	7	0	0	0	7	72	7 Jan
Ken Simon,	W Palm Beach FL (QSL)	116	13	3	76	9	304	4	3	6	44	69	2 Jan
*Dave Egan,	Valleyfield PQ (QSL)	178	17	0	71	13	334	5	0	0	39	67	1 Nov

\*Update required by 10 May; Tri=UHF translators only, also to be included in UHF total to its left. For=Foreign countries (other than USA/Canada/Mexico). YB=year began at location.

## CHANNEL 11 TROPO TVDX RECORDS

<u>Call</u>	<u>Location</u>	<u>Miles</u>	<u>DXer</u>	<u>Location</u>	<u>Logos</u>
KTHV	Little Rock AR	955	Alberto A. Garcia,	Merida Yuc	
KTTV	Los Angeles CA	225	Bill Fulton,	Yuma AZ	
KNTV	San Jose CA	190	Dennis Smith,	Wasco CA	
		tie	Jim Pizzi,	Santa Maria CA	
KILFU	Springville CA	45	Dennis Smith,	Wasco CA	
KIVA	Yuma AZ (CA)	225	Dave Beal,	Tucson AZ	
KKTV	Colorado Springs CO	455	Robert Cooper,	Oklahoma City OK	
WINK-	Fort Myers FL	1050	Glenn Hauser,	Von Ormy TX	
WFSU-	Tallahassee FL	320	Ron LeBlanc,	Marrero LA	
WQXI-	Atlanta GA	890	Glenn Hauser,	Von Ormy TX	
WTOG-	Savannah GA	605	Richard Wood,	Baton Rouge LA	
KLIX-	Twin Falls ID	135	Morris Foote,	Middleton ID	
WTTM	Chicago IL	450	David Nieman,	Buffalo NY	
KDIN-	Des Moines IA	470	Robert Cooper,	Oklahoma City OK	
KGLD	Garden City KS	730	Gary Olson,	Barrington IL	
KTWU	Topeka KS	335	Glen Neal,	Saure OK	
WHAS-	Louisville KY	670	Glenn Hauser,	Enid OK	
		tie	Robert Cooper,	Oklahoma City OK	
KHMA-	Houma LA	560	Robert Cooper,	Oklahoma City OK	
WBAL-	Baltimore MD	645	Carl Lupton,	Shelbyville IL	



kktv/11 eleven





# STATISTICS

MARCH 1974

WJAR- Providence RI (MA)	410	L.A. Canning, Halifax NS
WTGN- Minneapolis MN	710	Robert Seybold, Dunkirk NY
WTOK- Meridian MS	865	Robert Seybold, Dunkirk NY
KPLR- Saint Louis MO	630	Robert Seybold, Dunkirk NY
KGIN- Grand Island NE	660	Jim Gould, Kokomo IN
WENH- Durham NH	250	Don Richardson, N Syracuse NY
WPIX- New York NY	630	Gary Ehresman, South Bend IN
WTVD- Durham NC	685	Gary Olson, Barrington IL
KTHI- Grand Forks ND	245	Larry Addison, Fridley MN
KXMD- Williston ND	105	Fred McCormack, Des Lacs ND
WKRC- Cincinnati OH	350	F.J. Glaub, East Moline IL
WTOL- Toledo OH	740	Clarence Fleagle, Abilene KS
KLIGC- Gage OK	105	Glenn Hauser, Enid OK
KOED- Tulsa OK	725	Bill Draeb, Kewaunee WI
WIBC- Pittsburgh PA	575	B.J. Bingham, Festus MO
KHSD- Lead SD	435	Marv Garber, Lincoln NE
KELO- Sioux Falls SD	865	Robert Seybold, Dunkirk NY
WJHL- Johnson City TN	855	Glenn Hauser, Enid OK
WLJT- Lexington TN	495	Robert Cooper, Arcadia OK
KFJZ- Fort Worth TX	760	Bill Meers, Lagrange KY
KGUL- Galveston TX	1245	Robert Seybold, Dunkirk NY
KCBD- Lubbock TX	730	Clarence Rareshide, New Orleans LA
		Ron LeBlanc, Marrero LA
KBYU- Provo UT	175	Matthew Wall, Twin Falls ID
KTNT- Tacoma WA	375	Charles Wood, Mount Ashland OR
WLUK- Green Bay WI	680	Dave Egan, Valleyfield PQ
WMBV- Marinette WI	505	Louis Matullo, Washington PA
CKX-1 Foxwarren Man	180	Anthony Markewicz, Camp Morton Man
"CBHT3" Yarmouth NS	475	Jerry Pullice, Staten Island NY
CHCH- Hamilton Ont	525	Barney Rauch, Peoria IL
CKWS- Kingston Ont	410	Roger Brown, East Lansing MI
"CELAT4" Marathon Ont	160	Paul Petoosky, Munising MI
CKVR-1 Parry Sound Ont	35	Morris Sorensen, Esdale Ont
CKSO-3 Kearns Ont	365	Robert Seybold, Dunkirk NY
"CBVT" Québec PQ	180	Dave Egan, Valleyfield PQ
XHBR- Nuevo Laredo Tams	145	Pat Dyer, San Antonio TX
WKBM- Caguas PR	90	Robert Cooper, Frederiksted VI
CMGH- San Miguel Cuba	745	Ed Bourgeois, Norco LA

**whas - 11**

TRY TRI-PARISH TV  
HOUMA - THIBODAUX - MORGAN CITY

**KHMA-TV Ch 11**

**WLUC-TV Channel 11**

**join us**

**11**

CHCH-TV

## utterly useless

That's what the 1974 World Radio-TV Handbook is if you're after Mexican and Central American FM information! After a woefully incomplete attempt in 1973, this year's edition omits any Latin American FM info except Caribbean-area countries. Yet, the European section goes all-out for FM: perhaps a matter of continental priorities. And at least for Mexico, detailed FM information was available, since we provided it to them along with MW and SW! If YOU feel the subtitle "A Complete Directory of International Radio and Television" should be lived up to, contact the editor at P.O. Box 88, 2650 Hvidovre, Denmark. Fortunately, our Mexican FM list appeared in VUD for May 1973; if you need a reprint, send an SASE and 30¢ in stamps to G. Hauser. You can find the addresses and leading personalities of the TV stations listed in May VUD, in the WRTVH74; but we're providing the same info for FM below, since it is not available in any other DX reference--yet.

But first, one hot item of news from the WRTVH 74. There is an FM station in the Cayman Islands, stereo on 101.1 MHz, power not specified. It's called Radio ICCI-FM, for International College of the Cayman Islands, at Newlands, Grand Cayman. Educational and cultural programs only are scheduled weekdays at 1800-2100 CST; Saturdays and Sundays 1500-2100. The 1000-mile optimum skip distance circle from Cayman passes through Medellín, Veracruz, Baton Rouge, Montgomery, Charleston, and San Juan. The 1500-mile maximum single-hop skip contour: Port of Spain, Guayaquil, Torreón, Oklahoma City, Indianapolis, Philadelphia,

FM IN CUBA seems to be growing, but so far our information is only fragmentary. Floridians Dick Clark and Ron Schatz (IRCA) glean some data from monitoring MW outlets:

- 90.5 CMHW Santa Clara "La Frecuencia de Azúcar" (MW 840; Habana is also on 90.5)
- 100.3 CMHH Cienfuegos "La Frecuencia de Azúcar" (MW 940)
- 105 CMEN Nueva Gerona, Isla de Juventud "Radio Caribe" (MW 1040 and 1080; exact?)

A few more stations to look for when Es permits:



MÉXICOADDRESSES AND MANAGERS OF FM RADIO STATIONSMARCH 1974

(These are taken in the approximate frequency order in the May 1973 list; though some border frequencies are changing, most calls and addresses should remain valid)

XESU Ap. 1640, Mexicali, B.C. Armando Maldonado S. (English OK)  
XEVH Ap. 66, Vallehermoso, Tamps. Victor M. Salinas  
XEUJ Ap. 33, Tuxpan, Nay. Oscar Herena Mora  
XEBL Ap. 231, Culiacán, Sin. Héctor M. Félix P.  
XERCN Vallarta 1, México, D.F. Alfredo Jiménez Pons (\*XHRS: Alfredo Jiménez King)  
XHCM Av. Morelos 241-F, Cuernavaca, Mor. Jorge Mejía Lara  
XHM Tonalá 121, 3<sup>er</sup> Piso, México 7, D.F. Ing. Filiberto Solís Cervantes  
XHRA Av. López Mateos 328, Guadalajara, Jal. Rafael Rubio (English OK)  
XHRZ Av. Álvaro Obregón 38-1, Nogales, Son. Ramón Guzmán R.  
XENV Ap. 1553, Mexicali, B.C. José Merino de la Cruz  
XESB Nucleo Radio Mil, Insurgentes Sur 1870, México, D.F. Carlos Flores A. (also XEOY)  
XENV Grupo Radio Alegría, Madero Ote. 1110, Monterrey, N.L. Simón Estrada Cruz (+ XHRK)  
XEEH Ap. 68, Hermosillo, Son. Luis Hoeffer Obregón (English OK)  
XHIS Av. Club 20-30 No. 1550, Tijuana, B.C. José Luis Martínez (English OK; + XHRS)  
XEDA Tiber 100, 8<sup>er</sup> Piso, México 5, D.F. Lic. José Luis Fernández (\*XELA) /also XEQ)  
XEW Ayuntamiento 52, México 1, D.F. Bernardo Sancristóbal (link; see below for XEW-FM)  
XESTRA Ap. 100, Tijuana, B.C. Ing. Carlos Cecena Legaspi (English OK)  
XHJL Condominio Guadalajara 1803, Guadalajara, Jal. Luis Reyes Brambila (info chief)  
XHPT Km. 335, Carretera México-Córdoba, Córdoba, Ver. Lic. Justina Reducindo Candanedo  
XHJE Guillermo Núñez Keith (licensee) (also XHQS)  
XHRLM Ap. 79, Ciudad Mante, Tamps. Waldo López Herrera  
XHPC Carmen Farina (licensee)  
XEBJ Ap. 28, Cd. Victoria, Tams. Fernando Elizalde R.  
XHFO José Ma. Marroquí 11, 2<sup>o</sup> Piso, México, D.F.  
XHOI San Francisco 405, Col. La Martinica, León, Gto. Guadalupe Flores F. (licensee)  
XHCD 16 de Septiembre 157, Guadalajara, Jal. José de J. Cortés B.  
XHSRO Condominio del Norte, Piso 29, Monterrey, N.L. Ernesto Hinojosa  
XHEM 2 Ote. 6-602, Puebla, Pue. Ramón Bojalil Bojalil  
XHQQ 5 de Mayo Ote. 110, Monterrey, N.L. José Luis Alcántara  
XHH Pasaje Ramón Corona 2, Edif. Continental 21, Cd. Juárez, Chih. Lic. Pascual Pereda  
XHYN Guerrero 293-310, Irapuato, Gto. Alfonso Ramos  
XHPX Av. 16 de Septiembre 106 Pte., Despacho 512, Cd. Juárez, Chih. Javier Espinosa M.  
XEJP Organización Radio Centro, Av. Nuevo León 16, México, D.F. Francisco Aguirre J.  
XHPA Ap. 1059, Acapulco, Gro. C.P. José Vargas S.  
XHNOR Ap. 366, Nuevo Laredo, Tams. Fidel Cuéllar G.  
XHMO Madero Ote. 573, Morelia, Mich. Gabriel Madujano Imoff  
XHQT Joaquín Vargas G. (licensee)  
XET Jiménez Nte. 730, Monterrey N. L. Eduardo Estrada  
XHJE 2 Pte. 101, 6<sup>o</sup> Piso, Puebla, Pue. Roberto Garduño  
XHRP Corona Pte. 348-354, Saltillo, Coah. Alberto Jaubert A.  
XHTY Ap. 1470, Tijuana, N.C. Eugenio Ruiz V.  
XHNH Ap. 118, Irapuato, Gto. Antonio Contreras H.  
XHSU Independencia 1002-509, Chihuahua, Chih. Guillermo López Borja  
XHSB Grupo Acir, Insurgentes Sur 70, México 6, D.F. Francisco Ibarra López  
XHOX Penthouse, Hotel Inglaterra, Tampico, Tams. Antonio González A.  
XHRO Condominio Guadalajara, Piso 21, Guadalajara, Jal. Ignacio Dávila  
XHCT Morrow 17, Cuernavaca, Mor. Pedro Calleja T.  
XHPJ Grupo Estrellas de Oro, Paricutín Sur 316, Colonia Rosa, Monterrey, NL  
Francisco A. González (also XHJD)  
XEUN Ciudad Universitaria, México, D.F. Raúl López Malo (program director)  
XHOB Ap. 365, San Luis Potosí, S.L.P. Ing. Luis Fernández Cabrera  
XHOW Ap. 797, Tampico, Tams. Ing. Víctor Flores  
XEJB Casa de la Cultura, Palacio de Gobierno del Estado, Guadalajara, Jal.  
XHTA Av. Emilio Carranza 1104, Piedras Negras, Coah. Tomás García Jiménez  
XHD Patronato Indigenista del Valle del Mezquital, Ixmiquilpan, Hgo.  
XHOP Salvador García de los Santos (licensee)  
XHUZ Edificio Radio Centro, Madero 274 Pte., Cd. Acuña, Coah. Lic. Raúl González T.  
XEW-FM Guanjuato 215 Penthouse, México, D.F. Mario Vargas  
XHOD Av. V. Carranza 1590, San Luis Potosí, S.L.P. Elías Navarro M.  
XHNG Juan Bautista Campo (licensee)  
XEEA Glorieta Radio Centro, Av. México y López Mateos, Guadalajara, Jal. (also XETIA, Blanca Margarita Aldrete (personnel dept) XEAD, XEHL)  
XHRE Fuente 500 Ote., Piedras Negras, Coah. Ricardo Elizondo C.  
XHQP Jorge Méndez A. (licensee)  
XHNF Ap. 296, Tepic, Nay. José de Jesús Cortés /also XEQ but Mario Girón Rosales)  
XERC Organización Radio Centro, Av. Nuevo León 16, México, D.F. Francisco Aguirre J.

MÉXICO

MARCH 1974

XHGL Ap. 152, Mérida, Yuc. C.P. Andrés García Lavín  
 XHRL Ap. 118, Monterrey, N.L. Lic. Teófilo Bichara (English OK)  
 XHMLS Ap. 56, Matamoros, Tams. Víctor M. Salinas G.  
 XHLG Ap. 301, León, Gto. Andrés Navarro G.  
 XHRD Víctor M. Díaz (licensee)  
 XHPL Belisario Domínguez y Reforma, Cd. Acuña, Coah. Pedro Rodríguez O.  
 XHQK Francisco Vargas Gómez (licensee)  
 XHLC Sonora 224 Nte., Sección Hidalgo, Guadalajara, Jal. Luís López C. (licensee)  
 XHNX Av. Hidalgo Ote. 1334, Toluca, Méx. Miled Libien Kauri  
 XHRM Calle 2ª 225 altos, Tijuana, N.C. José Luis Rivas M.  
 XHMS Calzada Venustiano Carranza 116-210, Monclova, Coah. Melchor Sánchez Dovalina  
 XHEM Av. 16 de Septiembre Ote. 1150-107, Cd. Juárez, Chih. A. Cabrera  
 XHPOP Jalapa 17, México 7, D.F. Roberto López Hernández (also XHDFM)  
 XHTL Edificio Lamadrid 6º Piso, V. Carranza 980, San Luis Potosí, S.L.P. José Espinosa  
 XHNK Ap. 110, Nuevo Laredo, Tams. Guillermo Núñez Keith  
 XHRN Raúl Amor Wert (licensee)  
 XHVG Av. Reforma 1190-113, Mexicali, B.C. Pablo Brazuela  
 XHOA Ap. 37, Toluca, Méx. Oscar Azcué  
 XHPB Aquiles Serdán 687, 5º Piso, Veracruz, Ver. Félix Malpica V. (also XHPR)  
 XHSO Condominio Madero 507, León, Gto. C.P. José Vargas S.  
 XHMM Baja California 245, 12º Piso, México, D.F. E. Villanueva  
 XHSE Hotel Las Americas Bungalow 88, Acapulco, Gro. C.P. Joaquín Vargas G.  
 XHPM Joaquín Vargas G. (licensee)  
 XHVA Joaquín Vargas G. (licensee)  
 XHSP Madero Pte. 1549, Monterrey, N.L. Miguel Galindo A.  
 XEAV Vallarta 1458, Guadalajara, Jal. Manuel López D.  
 XHMG Ap. 2722, Monterrey, N.L. Lic. Guillermo Morales N.  
 XHRJ Javier Ramírez G. (licensee)  
 XHTO 16 de Septiembre 110, Cd. Juárez, Chih. Vicente Garibay  
 XHMA Monte Albán 1442, Guadalajara, Jal. Daniel Díaz A.  
 XHZA Av. Juárez Nte. 101, Toluca, Méx. Lic. Arturo Zorrilla M.  
 XEX Morelos 16, México 1, D.F. Jorge García C.  
 XHVE Aquiles Serdán 115, Veracruz, Ver. C.P. José Vargas S.  
 XHEC Viesca Sur 158, Sabinas, Coah. Fernando Elizondo Jr.  
 XHV Medellín 43, 4º Piso, México, D.F. C.P. J. Vargas S. (also XHEST; English OK)  
 XHTS Ap. 13, Veracruz, Ver. Lic. Fernando Pazos de la Torre  
 XERPM Grupo Radio Distrito Federal, Dr. Río de la Loza 300, 5º Piso, México, D.F.  
 Pedro Mendizábal (also XEDF)  
 XEHU Ap. 80, Martínez de la Torre, Ver. Pedro Manterola Rojas  
 XHOF Depto. del Distrito Federal, Plaza de la Constitución, México 1, D.F.  
 XEOD Ap. 482, Veracruz, Ver. Vicente Gómez Bretón  
 XHTB Arista 100, Cuernavaca, Mor. Miguel A. Tenorio  
 XEFX Ap. 630, Guaymas, Son. Aduco Lopez G.

(Notes: Most names given show 'double' surname, often with the second (matronymic) abbreviated. The 'middle' one is the main surname: Guillermo Núñez Keith is addressed as Sr. Núñez, not Sr. Keith. Titles: Lic. is for Licenciado(a), unrelated to licensee; C.P. is for Contador Público (CPA); Ing. is for Ingeniero. In addresses, Ap. means Apartado (P.O. Box); in hyphenated numbers, the second is generally the office number in the building whose address is the first. Corrections and additions are welcomed by the compiler, Glenn Hauser, 1312 West Oak, Enid, OK 73701 ("permanent" address))



# EASTERN TV DX

Bill Thompson  
1907 Seneca Street  
Buffalo, New York 14210

March 1974

Deadline: 10th

It looks like winter hasn't been so bad after all, at least as far as DX is concerned. There was some Es activity noted by reporters in Florida and Louisiana during December, but the eagerly awaited winter Es peak occurred January 1. So far, 8 reporters have indicated activity on that date, with the MUF into ch 6 in some instances, and in one case, the opening lasted for 8 hours. January 2 was another good day with 6 reporting E-skip, and the MUF to ch 6 again. There were lesser openings on January 4, 6, 8, 28, and 29. In the Northeast, tropo built up to surprisingly good levels beginning about 1-18. As a high-pressure area moved across the Great Lakes region to New England, temperatures rapidly shot up, giving quite a few places a "January thaw". The peak of this January tropo now seems to be 1-19. Note the Daylight Savings Time switch in effect since 1-6 in the U.S.; Canada remained on Standard Time.

Fred Nordquist 302 Sandra Lane N. Syracuse, New York 13212 (EDT/EST/EDT)

<u>June</u>	7 Tr 2227 WJRT-12	Flint MI	N0380
8 Tr 1900 CJOH-6	Deseronto	N0085	
Es 1903 KCKT-2	Gt Bend KS	R1215	
1928 KTVC-6	Ensign KS	N1200	
16 1330 KETS-2	Conway AR	R1040	
21 1915 KCKT-2	Gt Bend KS	R1215	
1945 WMT-2	Cedar Rapids	R0785	
23 2300 KTCA-2	Minneapolis	R0850	
26 2327 KQTV-2	St Joseph	R0975	
27 0008 KARK-4	Little Rock	R1040	
30 1507 WBRZ-2	Baton Rouge	R1205	
1507 WWL-4	New Orleans	R1195	
<u>July</u>	1404 KHTL-4	Superior NE	R1150
3 Es 1730 KHTL-4	Superior NE	R1150	

11 Es 1903 WCBT-4	Columbus MS	N0940
1927 KARK-4	Little Rock	R1040
1929 KETS-2	Conway AR	R1040
1930 WPSD-6	Paducah KY	N0780
27 0040 CBWT-6	Winnipeg	N1100
28 1329 KNOP-2	N Platte NE	R1250
1329 KLINE-3	Lexington NE	N1200
1404 KHTL-4	Superior NE	R1150
<u>January 1974</u>		
1 Es 1529 KTEW-2	Tulsa OK	R1150
1530 KGNC-4	Amarillo TX	N1430
6 1708 KUSD-2	Vermillion	R1030
(1969 RCA CTC-38, Allied MK34 ant)		

John Combs 816 W. Harvard Orlando, Florida 32804 (EST/EDT)

<u>December</u>	31 Es 1321 WBBF-4	Rock Island	N1035
9 Tr 0111 WCTV-6	Thomasville GA (FL)		
0114 WCIX-6	Miami FL	N0210	
14 MS 0600 WLWC-4	Columbus OH	R0800	
16 Es 1420 WOAI-4	San Antonio	N1045	
1431 KPDX-3	Wichita Falls TX	N	
1448 KPRC-2	Houston	N0850	
1540 KMID-2	Midland TX	N1265	
22 Tr 2303 WITV-7	Charleston	R0325	
27 1838 WALB-10	Albany GA	R0280	
1901 WTOC-11	Savannah GA	R0245	
1904 WDTB-13	Panama City FL	R	
1931 WFSU-11	Tallahassee FL	N	
2008 WFTT-5	Gainesville FL	N	
2009 WGTB-20	Gainesville	N0100	
2014 WJKS-17	Jacksonville FL	R	
2048 WVAN-9	Savannah GA	N0245	
2102 WITV-7	Charleston	R0325	
2302 WJHG-7	Panama City	R0275	
2329 WITN-7	Washington NC	575	
2347 WCTI-12	New Bern NC(??) T		
28 MS 0104 KATC-3	Lafayette LA	R	
Tr 0157 WCTV-6	Thomasville	R0240	
29 0741 WJHG-7	Panama City(??) T		
2216 WXLN-40	Sarasota FL	N0115	
2300 WTOC-11	Savannah GA	R0245	
30 0002 WITV-7	Charleston SC	R	
0017 WCIX-6	Miami	R0210	
31 Es 1319 KGLO-3	Mason City IA	N	

1 Tr 0114 WDTB-13,	0214 WJHG-7	R
MS 0618 WPTV-6	Philadelphia	N0895
Es 1332 WJMN-3	Escanaba MI	N1235
1337 CHFD-4	Thunder Bay Ont	N
1428 KFDX-3	Wichita Falls	R1085
1703 CKCO1-2	Wiaraton Ont	R1155
1855 KGLO-3	Mason City IA	R
1902 WTOC-4	Cheboygan MI	N1200
1919 WKZO-3	Kalamazoo MI	R1000
2 1459 KMID-2	Midland TX	R1265
1502 WJMN-3	Escanaba MI	R1235
1759 KCKT-2	Gt Bend KS	R1215
1811 KARD-3	Wichita KS	R1140
5 Tr 2126 WBBH-20	Ft Myers FL	N0130
8 MS 0551 WPTV-6	Philadelphia	R0895
19 Tr 2226 WDTB-13	Panama City FL	R
22 0639 WJHG-7	Panama City FL	R
0641 WALB-10	Albany GA	R0280
0651 WDTB-13	Panama City	"VAFI 5555...wiping out Tampa"
0702 KLFY-10	Lafayette LA	N0665
0706 WVOZ-8	New Orleans	N0535
0731 KATC-3	Lafayette	"weak"
23 MS 0725 KATC-3	Lafayette LA	R
24 Tr 0646 WTOC-11	Savannah GA	R0245
0647 WJHG-7,	0653 WDTB-13	R

"Have omitted many relogs of Miami 4, 7, and 10 and WXGA-8 Waycross GA. Es was great around New Years, then just seemed to die. Tropo on 1-22 best Gulf tropo I've witnessed...KATC-3 my first stn by 3 propagations!!"

Ronald J. LeBlanc 2524 Arizona Drive Marrero, Louisiana 70072 (CDT/CST)  
 "Glad to hear the convention will be in Topeka this year. Have plans to be there with wife and kids, then to Colorado for vacation. Of course, this will all depend on outcome of the gas situation at that time (if it gets worse, why not consider Amtrak, Ron? -bt). Tropo conditions this winter have been below normal...a few good skip openings... 7 1/2 hours of skip on 10/21/73 and 8 hours on 1/1/74. Finally logged my first Kentucky station...this leaves only West Virginia needed in the eastern states. Still have not installed another tower and dish yet." Equipment: 8 bay bowtie @ 35 ft, 2 Winegard high-band yagis @ 30 ft (horizontal stack) with RCA rotor, Winegard low-band yagi @ 25 ft with CDE AR33 rotor, Winegard SC-650 FM @ 30 ft, Alliance T-45 rotor, 3 18" Zenith B/W portables, a Heathkit GR 295 color set and AR-1500 FM rx, a BTX-111, 2 CM 7008 low-band traps, 1 CM 7009 high-band trap, and (new) Akai X-1810D recorder.

July  
 5 Es 2030 unIDs 2, 3 & 5 Spanish  
 7 2000 KWGN-2 Denver CO R1000  
 8 2130 KWGN-2, KTVS-3 CO R  
 9 1700 XEW-2 Mexico City R0970  
 1725 XHGC-5 Mexico City R0970  
 1737 YSR-2 El Salvador R1132  
 1838 KOTA-3 Rapid City R1226  
 1928 KWGN-2 Denver R1000  
 10 1708 WBAY-2 Green Bay WI R1006  
 1815 WKYC-3 Cleveland N0922  
 1819 CKVR-3 Barrie Ont R1110  
 2023 CKCO-2 Warton Ont R1125  
 11 2045 CKVR-3, 2154 CKCO-2 Ont  
 14 Tr "Tropo into E. Texas. Area 500mi"  
 15 Es 1558 WUND-2 Columbia NC R0900  
 1629 WTAR-3 Norfolk VA R0945  
 16 1748 TGV-3 Guatemala R1102  
 1749 YSR-2 El Salvador R1132  
 1900 XEW-2 Mexico City R0970  
 2018 XHP-3 Puebla, Pue R0900  
 19 1830 XEW-2 Mexico City R0970  
 Tr 2330 All Houston stations in  
 21 Es 1130 KTVS-3 Sterling CO R1025  
 22 1058 KDKA-2 Pittsburgh R0930  
 1229 CKPR-2 Thunder Bay R1281  
 1802 KWGN-2 Denver R1000  
 28 0902 WKZO-3 Kalamazoo MI N0900  
 0903 WJBK-2 Detroit R0945  
 29 1130 KOAI-2 Flagstaff AZ R  
 1200 KNOP-2 N Platte NE R0983

"Terry Colgan, Wiley Kay and myself left for convention at 1215...skip still in."

## August

12 Es 1703 XEW-2 Mexico City R0970  
 21 Tr 2100 All Houston stations  
 22 0630 Tr into E. Texas. 500mi  
 Es 1745 YSR-2, 1900 XEW-2 R  
 Tr 2000 KATV-7 Little Rock AR R  
 23 Es 1920 KOAI-2 Flagstaff AZ R  
 1937 KTVK-3 Phoenix R1317  
 2038 KICU-5 Cheyenne WY R1140  
 24 1925 XEFB-3 Monterrey NL 700  
 2050 XEW-2 Mexico City R0970  
 25 1520 KGLQ-3 Mason City IA R

## September

26 Es 1855 XEW-2 Mexico City R0970

## October

7 Tr 1100 Tropo into E. Texas  
 8 MS 0537 WCBD-2 Charleston SC R  
 0545 WLWD-2 Dayton OH R0774  
 14 Es 2005 XEW-2, 2018 XHGC-5  
 16 2030 KTCA-2 Minneapolis MN R

## October

16 Es 2030 unIDs on 2, 3 and 5  
 21 Tr 0900 into E. Texas  
 Es 1949 KYW-3 Philadelphia R  
 1959 WCBS-2 New York NY R1174  
 2000 WMAR-2 Baltimore R1006  
 2057 WFRV-5 Green Bay WI R  
 2059 WJMN-3 Escabana MI R1102  
 2131 KDAL-3 Duluth MN R1169  
 2312 WISC-3 Madison WI R0920  
 22 0006 KSTP-5 Minneapolis R1052  
 0035 WKYC-3 Cleveland R0922  
 0036 CBWFT-3 Winnipeg Man R  
 0052 WBBM-2 Chicago R0838  
 0137 KDLO-3 Watertown SD R  
 0146 WJBK-2 Detroit R0945  
 0153 KTVI-2 St Louis R0610

"Plus many unIDs on 2, 3, 4, and 5.  
 Skip still on 2 when going to bed at 0300"

28 Tr 2000 "Tropo into Houston"  
 31 Es 2000 KTCA-2 Minneapolis R1052

## November

1 Tr 1900 E. Texas, AL, AR, 500mi  
 3 1830 E. Texas  
 18 1930 "into AL, GA, and FL"  
 2300 WDTB-13 Panama City FL N  
 19 2100 "into AL and GA"  
 21 1803 WCOV-20 Montgomery AL R  
 1812 WQXI-11 Atlanta GA R0406  
 1821 WSPA-7 Spartanburg SC N  
 1900 WCIQ-7 Monfort AL R0337  
 1953 WTCG-17 Atlanta R0406  
 2000 WJSP-28 Columbus GA R0337  
 2100 WMAV-18 Oxford MS N0315  
 2104 WTVN-9 Columbus GA R0337  
 2130 WMAO-23 Greenwood MS R  
 2208 WHMA-40 Anniston AL R0337  
 2211 WBMG-42 Birmingham AL R  
 2215 WWSL-48 Decatur AL R0375  
 2227 WKAB-32 Montgomery AL R  
 2237 WHIQ-25 Huntsville AL R  
 2240 WAAY-31 Huntsville AL R  
 2259 WFIQ-36 Florence AL R0360  
 2301 WIIQ-41 Demopolis AL R  
 2303 WHNT-19 Huntsville AL R  
 2305 WYEA-38 Columbus GA R0337  
 2000 "All Houston stations in"

## 30

## December

1 1900 Houston, Dallas in  
 11 & 12 "Heavy MS...almost like skip"  
 13 MS 0529 WJBK-2 Detroit R0945  
 Tr 2130 WDTB-13 Panama City FL R



Ronald J. LeBlanc (continued)

## December

13 Tr 2131 WJHG-7 Panama City FL R  
 2200 WFSU-11 Tallahassee FL R  
 2210 WDEH-18 Dothan AL R0305  
 14 MS 0525 WLWD-2 Dayton OH R0704  
 0555 KCKT-2 Gt Bend KS R0770  
 22 Es 1754 unIDs Spanish, Southeast  
 25 1055 unIDs 2, 3, & 5; North  
 29 2058 KMID-2 Midland TX R0741  
 2105 unID-3 "NBC", Spanish on 5  
 31 1225 unIDs 2, 3, & 5 Spanish S.

## January 1974

1 Es 1245 CKVR-3 Barrie Ont R1110  
 1300 WGR-2 Buffalo R1098  
 1500 WJMN-3 Escabana MI R1102  
 1501 WFRV-5 Green Bay WI R1006  
 1529 KDAL-3 Duluth WI R1169  
 1600 KTCA-2 Minneapolis R1052  
 1629 WBAY-2 Green Bay R1006  
 1700 KWGN-2 Denver R1000  
 1722 KYCU-5 Cheyenne WY R1140  
 1722 KTVS-3 Sterling CO R1025  
 1759 KXON-5 Mitchell SD R1055  
 1900 KLINE-3 Lexington NE R  
 "Plus many unIDs. Skip gone at 2031."  
 2 Es 1800 KUSD-2 Vermillion SD R  
 1810 KLINE-3 Lexington NE R  
 1830 KDLO-3 Watertown SD R

"Plus some unIDs. Gone @ 1900, back for a while @ 1935"

7 Tr 1830 Alabama ETV 41-42-43

Totals now 301 stns; 35 states, 3 provinces, 8 estados, 6 countries.

## January

7 Tr 1900 MS ETV 14-17-18-19-23-29  
 1930 WDEH-18 Dothan AL R0305  
 1931 WFSU-11 Tallahassee FL R  
 2000 7 & 13 Panama City FL R  
 2209 WHMA-40 Anniston AL R0337  
 2222 WHNT-19 Huntsville AL R  
 2223 WCOV-20 Montgomery AL R  
 2225 WAAY-31 Huntsville R0375  
 2227 WYEA-38 Columbus GA R0337  
 2230 WXIA-11 Atlanta GA R0406  
 2231 WWSL-48 Decatur AL R0375  
 2250 WRIP-61 Chattanooga TN R  
 2255 WHAE-46 Atlanta GA R0406  
 2301 W70AU-70 Biloxi MS R0077  
 2313 WBMG-42 Birmingham AL R  
 2348 WDXR-29 Paducah KY W0516  
 8 0026 KTHV-11 Little Rock AR R  
 0053 WAPI-13 Birmingham AL R  
 0056 WSPA-12 Montgomery AL R  
 0058 KTVS-10 El Dorado AR R  
 21 1900 WFOV-11 Tallahassee FL R  
 2200 Houston 11-13-39-26  
 2200 KTVV-36 Austin TX R  
 2228 KLRN-9 San Antonio TX R

"Thanks to Les Prus & Glenn Hauser & the OCI column for ID's on following"

## February 1973

7 Es 1720 KHZ-5 Cerro del Zamorano Mex.  
 9 1750 KNME-5 Albuquerque NM  
 1814 KSL-5 Salt Lake City UT

Bob Seybold Bennett Road Dunkirk, New York (EDT/EST/EDT)

## October

20 Tr "Late evening opening into AM of 10-21--VHF 800+ mi" WQAD-8 WISH-8  
 KETC-9 St Louis, WGN-9 WCPO-9 WGEM-10 KPLR-11 WLLI-12 KODE-12 Joplin MO,  
 WLWI-13 WZZM-13 KUHI-16 Joplin MO, KCBJ-17 Columbia MO, WIRL-19 WICS-20  
 WKCB-23 WKEK-25 KMTC-27 Springfield MO, WMBD-31 WTVF-47 & many IN, MI stns  
 21 "Band really opened...most of the above & such as": KDNL-30 "all day"...  
 "all Chicago U's--20-26-32-44 good", WTVQ-17 WAND-17 WICD-15 WLLI-38  
 WHMB-14 WMUB-14 Oxford OH, WOBT-16 WKBF-22 WOSU-34 WGVC-35 WPNB-38  
 Madison U's, WMVS-36 WVTM-18 WUSI-16 "rare" WCMU-14 WUCM-19 WGSF-31  
 WUOC-44 WNBO-45 WPEB-42 Portsmouth OH, KDUB-40 WCET-48 WKON-52 "Lexing-  
 ton & Louisville U's and many others, VHF tropo to same areas"  
 22 "trops continuing but shifting more south": Kentucky U's "good" in-  
 cluding WKFI-22 Pikeville, WKMR-38 Moorehead, Dayton U's, WCET-48  
 WOSU-34 WLLI-35 WBGU-57 WPEB-42 WHIZ-18 WNBO-45 WUOC-44 WDRB-41 WKSO-29  
 WDXR-29 WKGB-53 WHUQ-41 WGVC-45 "Pennsylvania U's including several  
 translators", WSVN-47 WKBS-48 WLVT-39 WMUL-33 Huntington WV, WJH-50  
 Montclair NJ, WJIS-23 Camden NJ, WJNB-58 New Brunswick NJ, WJTV-41  
 WJNJ-47 Newark NJ, WNYC-31 "most Eastern PA U's good to excellent, VHF  
 good--New York, Washington, Philadelphia, Boston, Baltimore" WDCA-20  
 WETA-26 WMPB-67 WBFF-45

23 "trops dying off--some eastern stuff": WVTA-41 WMSW-27 "etc."

## January 1974

1 "not much DX observed till Jan. 1--good skip day starting about 1300"  
 Es WBRZ-2 KATC-3 WML-4 WDSU-6 WMAB-2 KTBS-3 KFDX-3 KAUZ-6 WBAP-5 KTXK-5  
 Lubbock TX, KCEH-6 KTAI-6 KALB-5 KPRC-2 KDFW-4  
 2 Es 1600-1900 WREC-3 KATC-3 WMAB-2 KCKT-2 KLINE-3 WMC-5  
 4 & 5 GW Global TV (CKGN)-6 Paris, (CKGN)-22 Uxbridge Ont seen testing  
 6 Es 1500-1800 KOTA-3 KDLO-3 "and unIDs"  
 8 1000-1130 KATC-3 CBWT-6 "unIDs 2-3-4--weak opening; also eve. tropo"  
 "Ch 6 Paris Ont--vy good signal--always viewable...ch 22 Uxbridge--signal  
 always present but weak to fair...conditions vy bad this time of year--no  
 hills DXing--too much winter weather!...'73 was good year, '74 started right!"

Greg Kelley 108 Archer Street Staunton, Virginia 24401 (EDT)

January 1974

24 Tr 0715 WHRO-15 Hampton VA 4555R  
0720 WBOC-16 Salisbury MD 2355N  
0740 WYAH-27 Portsmouth VA R

"This is my greatest UHF opening in 2 years! Channel 28 in Salisbury kept a good picture for 1 1/2 hours! My TV log now stands at 134 stations, with 22 states, 3 provinces, 1 estado, and Cuba. Hope to get better UHF antenna in a month." Equipment: Panasonic 9" TR469B, Jerrold JUP-2 @ 20ft.

Dr. Richard E. Wood 820 Arlington Avenue Baton Rouge, LA 70806 (CLT)

October

21 Es 2345 WHBF-4 Rock Island NO760  
2359 WDSM-6 Duluth MN N1131  
22 CBWT-3 Winnipeg N1379  
0020 KDKA-2 Pittsburgh NO930  
0026 CKGO-12 Wiariont Ont N1130  
0030 WBBM-2 Chicago NO808  
0035 WGR-2 Buffalo N1094  
0044 WBAY-2 Green Bay WI NO975  
0100 CBWT-6 Winnipeg Man N  
0100 CBWT-2 Lac-du-Bonnet? T  
0100 CBWCT-5 Ft Frances Ont? T  
30 Tr 2215 WBAF-12 W Palm Beach FL N  
2300 WINK-11 Ft Myers FL NO630  
2340 WBBH-20 Ft Myers N  
31 0007 WJCT-7 Jacksonville NO566

Antennas: Jerrold VIP, Lafayette 7' dish, both @ 35ft.

24 Tr 0750 WHAG-25 Hagerstown MD R  
0800 WCFB-28 Salisbury MD 3445N  
0805 WDCB-20 Washington 1335N  
1200 WHFV-69 Fredricksburg VA

31 Tr 0037 WTOD-11 Savannah GA NO603  
0100 WPTV-5 W Palm Beach FL N

November

12 Tr 2330 WGOV-20 Montgomery AL N  
2330 WBMC-42 Birmingham NO330  
13 0030 WYFA-38 Columbus GA NO393  
21 1810 WSPA-12 Montgomery NO317  
2315 WHNT-19 Huntsville NO455  
2330 WAAY-31 Huntsville N  
2345 WTVK-26 Knoxville TN NO565  
22 0100 WTVV-9 Tupelo MS NO302  
0138 KDFW-4 Dallas TX NO367

January 1974

2 Es 1815 KSTP-5 St Paul MN R1010  
1828 KDAL-3 Duluth MN R1131  
1830 WCCO-4 Minneapolis R1010

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EST/EDT)

December

17 Tr 0100 WSYE-18 Elmira NY R  
0115 WWSW-5 Cleveland 3433R  
0115 WJW-8 Cleveland 3343R  
0115 CFPL-10 London Ont R  
0120 CKCO-13 Kitchener Ont R  
0125 WIIC-11 Pittsburgh 4442R  
0145 CKWS-11 Kingston Ont 3333R  
18 0100 WJET-24 Erie PA 4443R  
0100 WSEB-35 Erie PA R  
0110 CHEX-12 Peterborough 4433R  
0110 CKVR-3 Barrie Ont R  
0120 WTAE-4 Pittsburgh 3333R  
20 2349 WKBD-50 Detroit 4434R  
0126 CJOH-6 Deseronto 3333R  
2000 WFMJ-21 Youngstown OH R  
21 2230 CICA-19 Toronto 3333R  
2230 CBLFT-25 Toronto 2232R  
22 0230 WXYZ-7 Detroit 4443R  
0230 WJBK-2 Detroit 4333R

January 1974

6 GW 1800 CKGN-22 Uxbridge Ont 5555N  
1800 CKGN-6 Paris Ont 4344N

Paul reports putting up a 7' dish on 1-22... "but Saturday--26th winds up to 50-mph put it down, on the back of my roof...on the 25th I saw CKGN-29 with the dish; I would say that's bad luck!"

Jim Alexander 8 Court Knolle New Hartford, New York 13413 (EST/EDT)

December

25 Tr 0125 CBFT-2 Montreal PQ R0180  
0130 CBOT-9 Ottawa Ont R0155

January 1974

1 Es 1530 KARK-4 Little Rock R1085  
4 1700 WEDU-3 Tampa FL R1155

"I am unable to erect an outdoor antenna, so I am experimenting with copper wire to see if I can make an indoor antenna that will bring better results than the rabbit ears. If anyone has any ideas for me, please let me know." (If you can help, write directly to Jim. -bt)

6 Es 1730 CBWFT-3 Winnipeg N1140  
18 Tr 1200 CBOT-4 Ottawa R0155  
1200 CKWS-11 Kingston Ont R0100  
1230 CJOH-13 Ottawa R0155  
29 1245 CBOT-4 Ottawa R0155



Ken Simon 528 Pilgrim Road West Palm Beach, Florida (EST/EDT)

December

1 Tr 0148 WTLV-12 Jacksonville FL R  
0240 WJXT-4 Jacksonville FL R  
+WESH-2, WFLA-8, WFTV-9,  
WINK-11, WTVT-13, WTVX-34  
2300 all above + WBBH-20  
8 0610 WJXT-4 Jacksonville 3045R  
11 MS 0727 KATC-3 Lafayette LA 5015R  
12 0714 KATC-3 Lafayette 5015R  
13 0639 WAVE-3 (new mode) 5015R  
Tr 0650 UHF to 100: WBBH-20, WTVX-34  
MS 0728 KATC-3 Lafayette 5015R  
14 0620 WLWD-2 (new mode) 5013R  
0655 KYW-3 (new mode) 5013R  
15 Tr 0545 WBBH-20, WXLN-40, W64AD  
0810 WMFE-24, WTOG-44  
16 Es 1518 KERC-2 Houston T  
1518 KACB-3 San Angelo TX 4123N  
24 Tr 0605 W64AD rebroadcasting WDBO-6  
MS 0712 KATC-3 Lafayette 5015R  
26 0558 WLWT-5 Cincinnati OH R  
28 Es 1453 KIII-3 Corpus Christi R  
2202 unIDs on 3  
31 MS 0712 KATC-3 Lafayette 4015R  
0735 WBAR-3 Pensacola FL T

"On 0804 December 29, Reloj Nacional mentioned color was being readied by ICR. Richard Clark says he heard on mediumwave the 'Telebailar' of 1-1-74 (—through 4:30 a.m. EST) was in color; his set showed none, which leads one to believe it may be SECAM. 35 in Orlando and 45 in Miami and 26 in Naples not on as yet." Ken's comment on January: "Not exactly what you'd call an exciting month, but the temperature didn't get below 68 degrees"

Frank Wheeler 6589 Wattsburg Road Erie, Pennsylvania 16509 (EST/EDT)

January 1974

2 Es 1457 WBRZ-2 Baton Rouge R1020  
1600 KARD-3 Wichita KS R0953  
1700 KJAC-4 Fort Arthur TX R  
1740 WBAP-5 Ft Worth TX R1143

Equipment: Zenith '68 color set, Winegard VHF CI4X

January 1974

1 Tr 0220 "indications to South of Cubans, but none readable on 2,6,9, 12,13 (12, 13 new here)"  
1 Es 1500 WGR-2 Buffalo 5544R  
1900 WBAY-2 Green Bay WI 4423R  
2000 WSYR-3 Syracuse NY 3321R  
2000 WKTU-2 Utica NY 3311T  
2 1621 WNGE-2 Nashville TN 4422N  
1650 WSJK-2 Sneedville TN T  
4 MS 0724 KATC-3 Lafayette 3015R  
5 Tr 0815 W61AA-61 with ICR-6  
0900 WBBH-20, WTVX-34, WXLN-40  
9 MS 0717 KATC-3 Lafayette 4015R  
Tr 2330 WBBH-20, WLCY-10  
12 0807 W61AA//W64AD//W69AA  
1815 WTVX-34 Ft Pierce FL R  
28 Es 2230 WCIA-3 Champaign IL 5434R  
2300 WTVU-2 Terre Haute 4431R  
2300 WSIL-3 Harrisburg IL T  
2300 WBBM-2 Chicago 2431T  
29 MS 0650 WGBD-2 (new mode) 4011R  
Tr 0655 WESH-2, WDBO-6, WFLA-8  
WFTV-9, WTVT-13, W64AD-64  
Es? 1928 unIDs on 2, KYTV-3 3031R

Robert B. Frantz 4380 N.W. 42nd Street Ft. Lauderdale, FL 33313 (EST)

November

30 Tr 0900 WJCL-2 Savannah GA (513)  
0915 WMFE-24 Orlando FL (175)  
0930 WXLN-40 Sarasota FL (160)

Equipment: "8 UHF antennas", 2 CMAU pre-amps, 2 Sony 750s.

30 Tr 0945 WTOG-44 Tampa FL (180)  
1800 WWOM-26 New Orleans (620)

December

1 Tr 0900 WJKS-17 Jacksonville (290)

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EDT)

January

19 Tr 1200 WWTU-9 Cadillac MI 4544R  
1700 WQED-13 Pittsburgh 4443R  
1700 WTAJ-10 Altoona PA 3432R  
1700 WJW-8 Cleveland 5544R  
1730 WSTV-9 Steubenville 3043R  
1730 WNEWS-5 Cleveland 4544R  
1730 WAKR-23 Akron OH 3455R  
1732 WVIJ-25 Cleveland 4555R  
1735 WFMJ-21, WKBN-27, WYTV-33

Probably missed quite a few new UHF loggings on 1-19; had to leave at 1830, at which time a couple of WNED-17 translators were noted (but not sure of channels). Present setup for UHF is frustrating; will have to get detent tuner. Archer V-75 damaged by wind on 1-27; it had been previously used for Es DX (it might make a nice coat rack now). As you may have gathered from this and Paul Traska's report, it's been a lousy winter for antennas in the Buffalo area. My thanks to all of you who sent greetings and reports during my first month with this column; your response was great! Thanks again to '74 convention host Dave Pomeroy for forwarding reports!

19 Tr 1740 WKBF-61, WUAB-43 vy good  
1800 WNED-45 Alliance OH 3335N  
1800 CKGN-22 Windsor Ont? T  
20 Tr 0443 CKGN-2 Bancroft Ont 4555N  
(Full CB// CKGN-6 Paris)  
0445 WXYZ-7 Detroit 4555R  
0445 CKVR-3 Barrie Ont 5555R  
0447 CHNB-4 North Bay? T  
0449 CKVR-28 Huntsville 1045R  
0604 WBNG-12 Binghamton 4555N

# CENTRAL TV DX

Don Ruland  
4448 68th Place  
Kenosha, WI  
53140

MARCH 1974 / DX from WI, IL, IN, MI, OH / Next deadline: March 15th

Last month we reported 1974 off to a flying start with a super E-skip opening on New Year's Day seen by just about anyone who was looking at the time. This month the big news concerns tropo. While it appears the opening of January 19th was confined primarily to the northern reaches of the Central reporting area, it was perhaps one of the most significant mid-Winter openings in many years. As Bill Draeb in north-east Wisconsin puts it, "I had stations rolling in from North Dakota to New Jersey which covers quite a bit of territory."

Roger Brown, 1617 Linden, E. Lansing, MI 48823 (BT)

1-1	Es 1500 KPRC-2 Houston	1-13	Tr 1230 CKGN-22 Uxbridge (310)
1-2	Es 1830 WDIQ-2 Dozier, AL	1-14	Tr 0115 CKGN-6 Paris, Ont.
1-12	GW 2330 CKGN-22 Windsor	1-13	Tr 1215 WPGH-53 Pittsburgh

John Robertson, 6065 Gardner Line, Croswell, MI 48422 (EST)

11-24	Tr 0031 WVTU-18 Milwaukee(260)	1-19	Tr 2030 WNBP-16 Scranton(370)
12-8	Tr 1800 WPNE-38 Green Bay(300)		2100 WSYE-18 Elmira(310)
	1830 WKOW-27 Madison(335)		2131 WBJA-34 Binghamton(350)
1-19	Tr 2000 WENY-36 Elmira(310)	1-20	Tr 0005 WICZ-40 Binghamton

Paul E. Petosky, Box 140, Munising, MI 49862 (EDT)

1-13	Tr 2200 WPNE-38 Green Bay(145)	1-19	Tr 1830 CBLAT-9 Wawa (140)
	2200 WGTU-29 Traverse City		1830 CBLAT-8 Manitowadge
1-15	Tr 0125 Milwaukee VHF's (235)		1845 WJW-8 Cleveland(402)
	2200 WPNE-38 Green Bay		2000 WTOL-11 Toledo(356)
1-18	Au 2345 Ch. 2-6 northeast		2100 CKCO-13 Kitchener(360)
1-19	Tr 0015 KROC-10 Rochester(324)		2200 CHCH-11 Hamilton(395)
	0020 WBAU-13 Eau Claire	1-20	Tr 0205 WTMJ-4 Milwaukee
	0107 WTCN-11 Minneapolis(328)		0215 WITI-6 Milwaukee
	0130 WNEP-5 Bay City (240)	2-2	Tr 0040 CBLAT-9 Wawa
	0145 WITI-6 Milwaukee		0045 CBLAT-11 Marathon(160)
	0200 WTMJ-4 Milwaukee		0205 WTMJ-4 Milwaukee
	0245 WKZO-3 Kalamazoo(283)		0210 WITI-6 Milwaukee
	0255 WMAQ-5 Chicago(315)		0225 WISC-3 Madison(274)
	1455 CKPR-2 Thunder Bay(185)		0230 WMT-2 Cedar Rapids(400)
	1500 CHFD-4 Thunder Bay		
	1700 WGTU-29 Traverse City		

Paul points out the following correction in his report in the January VUD: reception of CBCO-9 Moosonee, Ontario (433 miles) on 11-10-73 should indicate station's power at 26.5 watts video, 3.15 watts audio....your editor incorrectly showed power in kilowatts.

Bill Draeb, Ellis St., RFD #2, Kewaunee, WI 54216 (CDT)

1-13	Tr 0615 WHIO-7 Dayton(368)	1-19	Tr 0652 KTHI-11 Grand Forks,ND (478 miles)
	1740 Cleveland U's		0630 KELO-11 Sioux Falls
	1740 WKYT-27 Lexington(473)		0630 KEYC-12 Mankato(320)
1-14	Tr 1645 WKYT-27 Lexington		0630 KGMT-7 Alexandria(394)
1-17	Tr 1835 WKYT-27 Lexington		0630 WDSE-8 Duluth(286)
1-18	Tr 2201 KMEG-14 Sioux City(463)		0630 WDIO-10 Duluth
	2201 KHNE-29 Hastings(525)		0714 CKGN-22 Uxbridge(413)
	2201 KVFD-21 Fort Dodge(365)		0747 WJET-24 Erie
	2215 KDSD-16 Aberdeen(538)		0747 WSEE-35 Erie
	2222 WDAZ-8 Devil's Lake,ND (600 miles)		0747 WQLN-54 Erie
	2235 KSOU-13 Sioux Falls(455)		0752 WUAB-43 Iorain(355)



Drab (continued)

1-19	Tr	0756	????-22	Pittsburgh T	1-26	Tr	0750	WVIZ-25	Cleveland
		0756	WQEX-16	Pittsburgh(480)			0759	WKBN-27	Youngstown
		0756	WKBN-27	Youngstown(420)			0804	WAKR-23	Akron(380)
		0842	KMEG-14	Sioux City			1225	KCBJ-17	Columbia
		0842	KHNE-29	Hastings(617)			1237	WJET-24	Erie
		0849	WVIZ-25	Cleveland(355)			1319	WFMJ-21	Youngstown
		0849	WKBF-61	Cleveland	1-27	Tr	1424	WNIT-34	South Bend(208)
		0849	WYTV-33	Youngstown			1600	Dayton U's	
		1008	WFMJ-21	Youngstown	1-28	Tr	1632	CKGN-22	
		1142	WNEP-16	Scranton(630)			1632	CKGN-29	Dresden
		1142	WDAU-22	Scranton			1638	KDNL-30	St. Louis
		1142	WERE-28	Wilkes-Barre			1638	KCBJ-17	Columbia
		1155	WUTV-29	Buffalo(445)			1649	WICS-20	Springfield
		1155	WNED-17	Buffalo			1701	WKLY-32	Louisville
		1235	WTAF-29	Phila.(705)			1701	WKYT-27	Lexington
		1237	WKBS-48	Philadelphia			1810	Cleveland U's	
		1254	WNJS-23	Camden(705)... 1-29	Tr		CKGN-29	Dresden at 1635	
			...state #42				1644	WKBN-27	Youngstown
		1301	WPHL-17	Philadelphia	1-30	Tr	1219	KDNL-30	St. Louis
		1407	WXTV-41	Paterson Tent.			1720	CKGN-29	Dresden
		1518	WVIA-44	Scranton(630)	2-2	Tr	1510	WNIT-34	South Bend
		1738	WENY-36	Elmira(575)	2-7	Tr	1720	CKGN-22	
		1830	WNJT-52	Trenton(711)			1720	CKGN-29	Dresden
		1849	WBJA-34	Binghamton(600)			1910	WOET-16	Dayton
		1849	WICZ-40	Binghamton			1910	WKEF-22	Dayton
1-24	Tr	1825	WOET-16	Dayton(368)			1924	WOSU-34	Columbus
		1825	WKEF-22	Dayton			1924	WNIT-34	South Bend
		1858	KDNL-30	St. Louis(432)	2-8	Tr	1938	WNIT-34	South Bend
		1912	Cleveland U's				1938	WOSU-34	Columbus
1-25	Tr	1100	KCBJ-17	Columbia(450)			1938	WKEF-22	Dayton
		1915	Cleveland U's				1947	CKGN-29	Dresden
		1915	CKGN-22	(which one, Bill?)			1947	WVIZ-25	Cleveland
		1925	KDNL-30	St. Louis			1947	WUAB-43	Lorain
		1925	WKYT-27	Lexington			1954	WOET-16	Dayton
		1948	CKGN-29	Dresden(291)	2-10	MS	0813	CBOT-4	Ottawa
1-26	Tr	0742	CKGN-22				0818	CPCM-4	Quebec City
		0742	CKGN-29	Dresden, Ont.	2-12	Tr	1247	KDNL-30	St. Louis
		0742	WUAB-43	Lorain					

Another fantastic month, Bill!! You seem to outdo yourself every time. The seven new ones this time should bring your total up to about 562!!

Don Ruland, 4448 68th Place, Kenosha, WI 53140 (CDT)

1-19	Tr	1045	WUTV-29	Buffalo(460)	1-26	Tr	0900	WAKR-23	Akron(340)
		1700	Cleveland U's	(330)			0900	WKBN-27	Youngstown T
1-26	Tr	0750	WVIZ-25	Cleveland			1300	WUTV-29	Buffalo T
		0750	WUAB-43	Lorain	2-7	GW	1700	WNIT-34	South Bend(110)
		0855	WKBF-61	Cleveland					(log total now 335)

A note to all Central area TV DX reporters....please continue reporting your loggings in your own local time (i.e., EDT or CDT) as opposed to Greenwich Mean Time. Why make life any more complicated than necessary?

# WESTERN TV DX

March 1974

Dennis Park Smith  
2237 1/2 Ceres Avenue  
Chico, California 95926  
Telephone 916 343-9424  
Deadlines: 10th of each month

Here is Bob Cooper's DX which was overlooked between the November and December columns—DX of 20 to 24 August. (Tune-in times are underlined.)

20 MS 0512 WLWT 5 OH (21)(tr)	0610 WOW - 6 NE (22)(tr)(0855)	WMAU 17 MS	MS 0430 KMOX- 4 MO
0515 WECT 6 NC	0618 KTVI 2 MO	WMAA 29 MS	MS 0441 WATE- 6 TN
0521 WPVI 6 NC	0625 KRNT- 8 LA	WRBT 33 LA	0502 WDBO- 6 FL
0542 WMAQ- 5 IL	0631 WMC - 5 TN	WMAH 19MS(635)	0517 WECT 6 NC
tr 0544 KALB- 5 LA	0635 KHQA- 7 MO	WMAV 18 MS	tr 0522 WSIX- 8 TN
0602 WOW - 6 NE	2045 KCBJ-17 MO	WMAO 23 MS	0525 KFVS-12 MO
0617 WMT - 2 IA	2140 WAPT 16 LA	2045 KHNE-29 NE	MS 0534 WTOG-11 GA
0646 KWWL- 7 IA	2209 KDNL-30 MO	2050 WMAV 18 MS	(951mi)
0650 KRGC 13 MO	22 tr 0450 KMOX- 4 MO	2146 WAAV-31 AL	0537 WCIV 4 SC
0655 WMTV 15WI(655)	(all nite movies)	2146 WHNT-19 AL	tr 0539 KNOE- 8 LA
2145 KDUB-40 IA	0536 WCIV 4 SC	2235 WHBQ-13 TN	0540 WAAV-31 AL
WMTV 15 WI	0539 KNOE- 8 LA	2309 KCBJ-17 MO	WHNT-19 AL
KXNE-19 NE	0548 KLFY-10 LA	0012 KDNL-30 MO	(both 623mi)
KHNE-29 NE	0552 WJTV 12 MS	0023 KPV5-12 MO	0550 KALB- 5 LA
KMEG 14 IA	0603 KTRK 13 TX	0050 KETV 7 NE	0615 WHBQ-13 TN
KDNL-30 MO	0604 KPV5-12 MO	0058 WLJT-11 TN	(tr) 0628 WMC - 5 TN
21 tr 0540 KCOMU- 8 MO	0613 WREC- 3 TN	0855 KVRL 26 TX	2000 KHNE-29 NE
(tr) 0545 WBRC- 6AL(619)	0614 KPRC- 2 TX	trick is to catch them	Es 2005 XEW - 2 DF
KALB- 5 LA	0855 KVRL 26 TX	doing it! 490 mi)	2220 XEZ - 3
KSD - 5 MO	KHTV 39 TX		24 MS 0541 WCIV 4 SC
0605 WHO -13 IA	KLNI-15 LA		0600 WDSU- 6 LA

There was an excellent tropo session on 14-16 January, apparently this year's big mid-winter opening. DXers in Oklahoma, Kansas and Texas saw signals eastward from such areas as Illinois, Indiana, Missouri, Mississippi, Alabama, Georgia, Kentucky and Tennessee, on VHF and UHF up to 500, 600, and even into the 900-mile range. Es was very good in early January and then had scattered openings through the rest of the month. Add to this a bit of MS monitoring made January a reasonably productive month. The Es chart is based on dates in local standard time, though a few reporters (who normally use whatever local time is in effect) didn't note change from standard to daylight saving time in early January so it isn't certain which is used in portions of some reports.

Sporadic-E January	1	2	3	4	5	6	7	13	16	18	20	22	26	29	30	Feb 1
Number of reporters	9	8	1	7	2	2	4	3	1	1	1	1	1	2	1	1
MUF at least (ch/freq)	99.9	99.1	4	94.1	3	3	89.9	4	2	6	2	5	2	2	4	3

Steven C. Wiseblood, 707 Loma Way, Santa Maria, California 93454 (1 Jan- 2 Feb) (PDT)  
Equipment includes 17" B&W Packard Bell with internal antenna.

1 Es 1659 KTVQ	2 Billings MT	5433 1048	7 Es 1934 unid	2 Mex-Sp(NOTICIA)	3013
2 Es 1633 unid	2 Mex?(Spanish)	5435	1937 unid	4 Mex-Sp(variety-comedy)	
1724 KMID- 2	Midland TX	5322 1083	13 Es 2144 KREM-	2 Spokane WA	5414 891
1730 unid	4 Mex?(Spanish)	4325	16 Es 2020 unid	2 ABC(KATUorKREM)	5314
5 Es 1010 KETV	2 Portland OR	4123 741	20 Es 2028 unid	2 ?	4013
1744 unid	2 n.w.(nx-local)	1112	29 Es 2128 unid	2 Montana map	4013

The first 7 days of January had many Es openings; MUF was at ch. 4 on 2nd at 1730 and on 7th from 1937 to 2010. I have received 31 stations in 11 states and 3 Canadian provinces. 25 of these stations were received by Es, 3 by tr.

(This is his first report; hope to hear more from you, Steve. dps)

Robert J. Williams, 251 6th Avenue East, Twin Falls, Idaho 83301 (-to 20 Jan) (MST)

Here are a few up-to-date reports of my loggings:

Nov 30 MS 1028 CFAC- 2 Calgary, Alberta (QSL by letter) (was tentative until QSL came)  
Jan 18 tr 0903 KITC 6 Nampa, Idaho  
Jan 20 tr 1307 & 1321 KITC 6 Nampa

KITC 6 Nampa has been testing quite a while—first seen testing Jan 1. Target date is Feb 1. KPFO 6 Pocatello has been delayed at least 90 days due to damage to its antenna when something fell on it.

There was some real good winter Es here on Jan 1, 2, 4 & 13 with Ids on 2nd & 4th. Fotos were taken of KMID-2 and KQTV 2. 73s in 74.



Fred McCormack, Des Lacs, North Dakota 58733

(CST)

Equipment includes Heath GR371MX color and Winegard CW-48 antenna  
 J4 Es 2045 KCRA-3 Sacramento CA 4443 1200 (4)Es(2058) KRON-4 San Francisco CA 4334 1275  
 2057 KTVN 2 Reno NV 3033 1085 2103 KMBD-2 Midland TX 2333 1115  
 2058 KTVU 2 Oakland CA 4433 1265 6 Es 1203 KGC01-2 Warton Ont 2335 1005

Dave Pomeory, 5231 W. 31st Street, Topeka, Kansas 66614 (2 Dec- 5 Feb) (CST; CDT 7 Jan on)

D2 tr 0000 KTHV 11 Little Rock AR (1)Es(2000) XEFE-3 Monterrey NL  
 0900 KCRG-9 Cedar Rapids IA unId 6 Mexico (XET Monterrey?)  
 KWWL-7 Waterloo IA 15 tr 1030 K18AA 18 Salina KS  
 25 Es 1000 WWAY-3 Wilmington NC KDNL-30 St. Louis MO  
 J1 Es 1420 WTAR-3 Norfolk VA KUHI-16 Joplin MO  
 1430 WPSX-3 Clearfield PA 2359 WICS 20 Springfield IL  
 1520 WTVR-6 Richmond VA 16 tr 0130 WAND-17 Decatur IL  
 1700 WPMY-2 Greensboro NC 0915 KYNE-26 Omaha NE  
 1715 KATC 3 Lafayette LA 0930 KMEG 14 Sioux City IA  
 1730 KGBT-4 Harlingen TX 1130 K80CP 80 Beatrice NE (20-W xmtg;  
 2000 XEFE-2 Nuevo Laredo Tamps (Started 14Oct1969) ERP 120 W)

Ron Wing, Room 224, K.T.I. Dorm, Salina, Kansas 67401 (13 Oct - 31 Jan) (CDT)

Equipment: 12" B&W Zenith TV with 8"-diam. UHF loop & 4' VHF monopole antennas  
 13 tr 1000 KUHI-16 Joplin MO (QSL) 3355N 208 (13)(tr) 1035 KOAM-7 Pittsburg KS 4455N 187  
 1030 KTSB 27 Topeka KS 3355 110 KOCO-5 OklahomaCity OK 3355 224  
 Above was received with 25" RCA color TV with external VHF-UHF antenna at apx 40 ft.  
 This TV got KARD-3 on chs 3-4 and KAKE-10 on chs 8-11. The Zenith was purchased on Oct  
 20; remainder of reception was done with it.  
 N22 MS?0800 WSB-2 Atlanta GA 3354N1138

Above was received apx 17 miles NNE of Leoti, Kansas.

D 2 tr 1000 KBMA-41 KS City MO(QSL) 3355N 172 (16)(tr) 1200 KAYS-7 Hays KS 3355 89  
 J16 tr 0915 KTSB 27 Topeka KS 3355 110 1600 KUHI-16 Joplin MO 4455 208  
 0916 KMEG 14 Sioux City(QSL) 3355N 270 29 tr 0939 W1BW-13 Topeka KS 4455 110  
 0930 KYNE-26 Omaha NE (QSL) 2345N 199 0941 KHNE-29 Hastings NE 2255 130  
 0935 KBMA-41 Kansas City MO 3355 172 0944 KTSB 27 Topeka KS 1055 110  
 0940 KCPT 19 Kansas City MO 2254 172 0947 KAYS-7 Hays KS 3255 89  
 1145 KCBJ-17 ColumbiaMO(QSL) 2355N 291 1025 KTWU 11 Topeka KS 2053 110  
 Jan 16 was the best UHF day I have ever seen. (Thanks, Ron, for a good first report.)

Richard Noel Allen, Billings, Oklahoma 74630

(1 Jan - 4 Feb) (CDT)

Receivers: 1969 model Philco-Ford 12" B&W; 1973 model Sony 12" color  
 Antennas: Winegard 11-element VHF log at apx 15'; Winegard 11-el. VHF log & Archer  
 44-el. UHF log at apx 30 ft, above Channel-Master rotator  
 (New station. New mode of propagation) (15)(tr) 2200 WEEK 25 Peoria IL N 520  
 1 Es (MUF = channel 3) 2205 WICS 20 Springfield IL 500  
 1840 WCBF-2 Charleston SC 1030 2225 KCBJ-17 Columbia MO 335  
 1920 XEFE-2 Nuevo Laredo Tams 620 2230 KOMU-8 Columbia MO N 335  
 2005 unId-2 (Mexican Canal 8) 2250 KRCG 13 Jefferson City MO N 320  
 2 Es (MUF = channel 3) 16 tr 0540 WFAA-8 Dallas TX 260  
 1945 KBOI-2 Boise ID 1100 0545 KMBC-9 Kansas City MO 250  
 4 Es (MUF = channel 3) 0550 KTVT 11 Ft. Worth TX 255  
 2025 KBOI-2 Boise ID 1100 0555 WISN 25 Evansville IN N 565  
 2100 KUTV 2 Salt Lake City UT 840 0612 WMBD-31 Peoria IL N 520  
 2130 KTVQ 2 Billings MT 860 0615 WEEK 25 Peoria IL 520  
 7 MS 0556 WCBF-2 Charleston SC 1030 0618 KPLR-11 St. Louis MO 445  
 15 MS 0538 WCBF-2 Charleston SC 1030 0620 WICD 15 Champaign IL N 565  
 0542 WMAR-2 Baltimore MD 1160 0645 WRAU-19 Peoria IL N 520  
 tr 0547 KFVS-12 Cape Girardeau MO N 450 0700 WAND 17 Decatur IL N 530  
 0610 KPLR-11 St. Louis MO N 445 17 MS 0544 WESH-2 Daytona Beach FL 1075  
 0715 WICS 20 Springfield IL N 500 tr 0552 KFVS-12 Cape Girardeau MO 450  
 1800 KCBJ-17 Columbia MO 335 18 MS 0548 WCBF-2 Charleston SC 1030  
 1935 KDNL-30 St. Louis MO 445 25 MS 0504 WLWD 2 Dayton OH 800  
 2130 WKMA-35 Madisonville KY N 570 0519 WJBK-2 Detroit MI 875  
 2150 WKMU 21 Murray KY N 525 0541 WTVJ 4 Miami FL 1250

Some rather fantastic DX during January, with an exceptional tropo opening on 15-17  
 January. Es was noted 1, 2 and 4 January. Totals to date are 157 stations (46 UHF, in-  
 cluding 14 xltres) from 33 states, Canada and Mexico.

Glenn Hauser, 620 N. Husband, Stillwater, Oklahoma 74074 (5 Jan - 7 Feb) (CST)  
 J7 Es 1835 XHBC-3 Mexicali BCN ? T (14)tr(2102)WFAA-8 Dallas TX  
 2005 WWAY-3 Wilmington NC 15 tr 0003 WBAP-5 Fort Worth TX (s/off)  
 (MUF 89.9) 1905 KOAM-7 Pittsburg KS  
 2035 WCIV-4 Charleston SC ? T (solid VAPI 5555)  
 WCGC-3 Charleston SC ? T 2357 KHQA-7 Quincy IL (s/off w/xltrs)  
 2100 WCBD-2 Charleston SC 16 tr 0005 WGEN-10 Quincy IL (s/off) N  
 WEDU-3 Tampa FL 0011 KRGC-11 Jefferson City MO (s/off)  
 2101 WESH-2 Daytona Beach FL 0015 KOLR-10 Springfield MO  
 (FL map)(2120 MUF below TV) (s/off, then devotional)  
 14 tr 2102 KERA-13 Dallas TX 0020 WGN-9 Chicago IL ? T  
 KTVT 11 Fort Worth TX 0023 WQAD-8 Moline IL (0034 s/off)

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (8 Jan - 8 Feb) (GMT[z])  
 Equipment: 1971 model 9" B&W Penncrest with Archer V-100 & 8-bay UHF bow-tie at 20ft  
 14 Es 0105-0130z 2,3 unids (west) (19)Es 0240zWCIX 6 Miami FL T1150  
 0220-0415z 2-4 unids 0305zWJXT 4 Jacksonville FL T1015  
 0229zKORK-3 Las Vegas NV 1050 22 tr 1405zWAPT 16 Jackson MS T 525  
 0329zKUTV-2 Salt Lake City UT 1080 KHTV 39 Houston TX T 190  
 0330zKCPX-4 Salt Lake City UT T1080 KVR 26 Houston TX T 190  
 0355zXHBC-3 Mexicali BCN T1010 1410zWRBT 33 Baton Rouge LA T 450  
 16 tr 0315zKHAB-7 Matamoros Tamp T 250 WAFB-9 Baton Rouge LA T 450  
 0558z XHX-10 Monterrey NL T 275 Es 0125z KORK-3 Las Vegas NV 1050  
 XET-6 Monterrey NL T 275 KVVU 5 Henderson NV T1040  
 XEFB-3 Monterrey NL 275 0220z f/out (unids 2,3,5)  
 0600z unid 8,9 (Spanish) 26 Es?2310z unid 2 s.e.(Spanish- Cuba?)  
 1459zKOSA-7 Odessa TX 280 27 tr 1701zKTVT 11 Fort Worth TX 240  
 1605zKVRL 26 Houston TX T 190 29 Es 0600-0605z 2 unids (s/off?)  
 KHTV 39 Houston TX T 190 2159zWBAY-2 Green Bay WI 1190  
 1613zKOKH-25 Oklahoma City OK N 420 30 Es 1730-1900z 2-4 unids  
 1625zKUHI-16 Joplin MO N 575 1828zWSJK-2 Sneedville TN 1010  
 1635zKSEL-28 Lubbock TX T 340 1859zWCBD-2 Charleston SC 1120  
 1650zKTVT 11 Fort Worth TX 240 2040-2055z 3 unids(maybe WEDU, et al.)  
 1710zKDTV 39 Dallas TX 250 1 tr 0610z XET-6 Monterrey NL T 275  
 1910zKNCT 46 Belton TX T 130 2 Es 0200-0215z 2,3 unids (west- brief)  
 17 tr 0400zWFAA-8 Dallas TX 250 0200zKNXT 2 Los Angeles CA T1190  
 0425zKERA-13 Dallas TX 250 tr 1445zKVRL 26 Houston TX 190  
 0530zKTXS-12 Sweetwater TX 230 KERA-13 Dallas TX 250  
 18 Es 2215-2330z 2-4 unids (south) 1529zKHTV 39 Houston TX 190  
 2300z YSU-4 San Salvador, ElSal. T1200 KXTX-32 Dallas TX 250  
 2328z YSR-2 San Salvador, ElSal. 1200 apx (moved from ch 33)  
 19 Es 0135-0310z 2-6 unids 6 ms 1800zWTWO 2 Terre Haute IN T 935  
 0155zWPBT 2 Miami FL 1150 KNOP-2 North Platte NE T 815  
 0220zWTVJ 4 Miami FL T1150 8 ms1618:20zWSB-2 Atlanta GA (new mode) 880  
 Es still going fairly well for this time of year. The Jan 16 trop likely the best  
 since the Nov 2nd openings Feb first week meteor rates up well (Aurigid shower I sup-  
 pose). 73, WA5IIX.

Bob Cooper, Jr, Route 5, Box 782, Guthrie, Oklahoma 73044 (1Dec-31Jan) (CST; CDT 7Jan on)

Extensive traveling during this period prevented much in the way of observations.  
 For sure...you can't see it if you don't watch for it! The year 1973 was not a bad year  
 here for new stations—97 were added and all of these between June 11 and year's end,  
 having been out of service the first 5½ months of the year. Most of the emphasis here  
 was on meteor scatter station additions in 1973; 1974 will be more of the same plus a  
 renewed effort on UHF. New, larger antennas for low-band VHF, high-band VHF and UHF are  
 under construction but will probably not be installed until later winter or early spring  
 (no point in giving winter ice storms a crack at these new super arrays!).

Minor amounts of Es plus the "annual" early winter tropo made up Dec/Jan activities.  
 D1 tr 2000 WAPT 16 MS (1)(tr)(2000)WRBT 33 LA (1)(tr) Atlanta(754) (1)(tr)(2100)WAAY-31 AL  
 WMAV 18 MS KVR 26 TX (2100)WHA8-46 GA WMSL-48 AL  
 WMAO 23 MS KVIN-15 LA Atlanta(754) 2230 WHBQ-13 TN  
 KHNE-29 NE KHTV 39 TX WMAH-19 MS KTVE-10 AR  
 WMAA 29 MS KIDZ 24 TX WTCG 17 2315 WDXR-29 KY  
 WBMG 42 AL 2100 WETV 30 GA WHNT-19 AL KDNL-30 MO



(1)(tr)2315 KCBJ-17 MO (15)(tr) Lexington(720) (15)(tr)0730 WKPI 22 KY (16)(tr)0802 WPBO-42  
 2 tr 0815 WHO -13 IA (0005) WKYT-27 KY Pikeville(830) Portsmouth(821)  
 0930 KCBJ-17 MO Lexington(720) 0830 WLFI-18 IN KPLR-11 MO  
 KDNL-30 MO KPLR-11 MO 0927 KDNL-30 MO WKLE 46 KY  
 12 tr 0830 KMEG 14 IA KRBC-9 TX WVUT-22 IN WLIO 35 OH  
 KDSB-16 SD WHBQ-13 TN Vincennes KYNE-26 NE  
 K18AA 18 KS 0105 WKIX-19 KY 1000 WDXR-29 KY 0813 KVRL 26 TX  
 KKNE-19 NE Newport(737) 1100 WKPC-15 KY 0834 WOUU 44 OH  
 KHNE-29 NE 0527 WKIX-19 KY Louisville(655) Cambridge(879)  
 KVRL 26 TX (now snowfree) 1130 KTVV 36 TX 2130 WMAU 17 MS  
 KYNE-26 NE WCPO-9 OH WKMJ 68 KY WMAW 14 MS  
 25 Es 1110 e/se 2,3 Cincinnati(737) Louisville(655) 2152 WAPT 16 MS  
 (prob.KEDU3 and WEHT 25 IN WMAO 23 MS  
 WPBT2 FL) Cincinnati(737) (556mi,wiping WMAA 29 MS  
 J1 Es 1205 east first WEHT 25 IN out local KOKH-29 WSVN 47  
 noted;in most of af- (prev.by MS) 1141 WBLC-62 KY WKLE-46 KY  
 ternoon.WMAR2 MD and WDBJ-7 VA Lexington(720) 2200 WKMR 38 KY  
 KYW3 PA dom.w/WPSX-3 1230 KPOB-15 MO WDXR-29 KY  
 in/out.To1700 t/out. (thru afternoon w/sigs 2205 WTVK 26 TN  
 1910 WEDU 3 FL dropping to minimum 2218 WKPT-19 TN  
 1945 KTVK 3 AZ Columbus(829) WFIQ 36 AL  
 (short)XEFE-2 Tam WSLI-10 VA level around 4PM.Main  
 Nuevo Laredo Roanoke(962) thrust moved slightly  
 (Ch-2 # 62) WBRA-15 VA to south by time sun  
 2002 XHBC-3 BCN Roanoke(962) began to set.  
 until 2130 or so 0551 WLWI 13 IN 1825 KY ETV stns  
 2 Es 1815 e & nw still in, plus:  
 WWAY-3 NC WKPT-19 TN  
 KBOI-2 ID Kingsport(818) WKLE-46 KY  
 WSB -2 GA 1951 WSVN-47 2243 WHAB-46 GA  
 1905 west Norton(854) WKON-52 KY  
 KCRA-3 CA WTVF 47 IL Owenton(721)  
 3 MS 0619 KPRC-2 TX WICS 20 IL Peoria(541) 2248 WDRB-41 KY  
 4 Es 2025 KTVQ 2 MT W49AA 49 IL 2118KHNE-29 NE WKLY-32 KY  
 KRTV 3 MT Peoria 2155 WMBD-31 IL WKLE-18 KY  
 to 2100 0634 WLEX-18 KY WKMR 38 KY KCBJ-17 MO  
 7 Es 1945 to past 2200 Morehead(794) 2255 WKPI 22 KY  
 (Got into this one after 2218 WTVK 26 TN WKZT 23 KY  
 it started south accord- Knoxville(746) 2315 WHTV 24 MS  
 ing to other local reports) 2243 WKLY-32 KY Meridian(560)  
 Huntington(834) Louisville(655) 17 tr 0600 KFVS-12 MO  
 WKFE 22 OH 16 tr 0654 WMAV 18 MS KTVI 2 MO  
 Dayton(765) KHNE-29 NE KPLR-11 MO  
 WFTB-14 IN WKY-32 KY Local hwy fog(ie,rain)  
 0655 WLIO-35 OH WICS 20 IL washed out this AM  
 Lima (793) KMEG 14 IA here, marking end  
 WVIJ-25 OH of session.  
 Cleveland(928) WAND-17 IL 0637 KTVV 36 TX  
 W49AA 49 IL WEHT 25 IN 0645 WKPT-19TN ?  
 0708 WEEK-25 IL WEEK-25 IL WTVK 26TN ?  
 WKLY-32 KY 0704 WGTB-30 OH 0705 WMAV 18 MS  
 KVUE 24 TX WDHO-24 OH (both weak)  
 0715 WIIL 38 IN both Toledo(844) 0740 WMAA 29 MS  
 Terre Haute(601) 0708 KTVV 36 TX (weakly)  
 0730 WKMU-21 KY WMBD-31 IL 30 tr 0800 KHNE-29 NE  
 WKSO 29 KY WRAU-19 IL KXNE-19 NE  
 WKMA 35 KY 0733 WLEX-18 KY K18AA 18 KS  
 WKLE 46 KY KXNE-19 NE K34AA 34 KS  
 WKGB 53 KY 0739 KIDZ 24 TX (both Salina)  
 WKMR 38 KY 0756 WIII 38 IN 73.  
 Morehead(794) WKZT 23 KY

Best of DX to all

Dennis

# WESTERN FM DX

EDITOR: ROGER S. HORIE  
P.O. BOX 784  
MISSOULA, MT 59801  
TEL: (406) 549-5365  
DEADLINE: 10th MONTHLY

Support WTFDA...Report...Purchase Supplies...Support WTFDA

Glenn Hauser, 620 N. Husband, Stillwater, OK 74074 (5 Jan - 7 Feb) (CST)  
The only DX of note this month was an intense tropo opening to NW Arkansas, Central Missouri, plus an Illini. It looks as if I'll have another local to combat before long—a 10 watt on 90.9 less than a mile away...

7 Es 2030 WJCT 89.9 FL Jacksonville cl 965 15 1958 KSPR 104.9 AR Springdale nx ads 160  
15 Tr 1845 KUAF 88.9 AR Fayetteville 160 wx; fog ID  
10w rock, east; 1902 ID 1959 KNWA 103.9 AR Fayetteville local 160  
1905 KEFL 90.3 MO Buffalo NE MOR 240 wx; lo modulation, ID as KNWA FM\$, 103.9mcs  
abrupt ID, into BKB 2000 KJEL 103.7 MO Lebanon "Kay-Jell 260  
1946 KBIA 91.3 MO Columbia past 325 country", request line 532-9111  
KOSU w/cl offering free pgm guide 2006 KRMS 93.5 MO Osage Beach BKB 280  
1946 KCUR 89.3 MO Kansas City talk 2300 KSCZ 88.1 MO Point Lookout nx 215  
direction checks 2305 ID, Day by Day with Jee-zus, 2308  
1946 KCMW 90.9 MO Warrensburg 255 s/off a'ment. 19½ hr/day, xmtr 2000 ft s  
play by play of Pt Lookout, 3600 watts, back @ 6 am  
1947 KUMR 88.5 MO Rolla cl 315 SSB, (still unmoved to 91.7)  
1953 KYSD 102.3 MO Waynesville 290 16 0033 WSIU 91.9 IL Carbondale YL DJ 445  
local BKB; M'wards ad; Pulaski mentioning that it's all-night  
County mentioned Until the next, 73 de Glenn

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (7 Jan - 19 Jan) (GMT)  
Rcvrs, Hallcrafters SX-62 with International Crystal SAX-1 pre-amp, and Allied 426,  
Archer V-100 antenna at 20 feet...  
7 0632 WKXI 94.7 MS Jackson ID 525 16 1718 KINL 92.7 TX Eagle Pass local nx 125  
16 1523 KAFM 92.5 TX Dallas rock 250 tent KVMV 96.9 TX McAllen EL 225  
KNFM 92.3 TX Midland EL ads 275 18 2253 unID 88.3 Spanish Es, Guatemala??  
1530 KSCS 96.3 TX FortWorth ID wx 240 19 0240 tent WMCU 89.7 FL Miami rock 1150

-of Special Interest to DX'ers...

WTFDA DX LOG SHEETS

DATE		Pr	STATION	CH/FR	PROGRAMMING INFO.				
Y-1	IN Y-OUT								

**\$2.00** postpaid

Time		Standard		Page							
ANNOUNCEMENTS AND OTHER DATA						V	A	F	I	#	QSL
											S
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100 sheets to a pad and punched for a 3 ring binder.  
Full size is 8 1/2 x 11".

An ideal way to keep your TV, FM or VHF running log!  
Your loggings will be neat and easy to read.



# SOUTHERN FM DX



Editor: Richard E. Wood  
820 Arlington Ave.  
Baton Rouge LA 70806  
Tel. [504] 343-7771  
Deadline: 13th. of month

-----  
FEATURING FM DX FROM LOUISIANA TO MARYLAND  
-----

Dr. Richard E. Wood, 820 Arlington Ave., Baton Rouge LA 70806. CLT.

Only my own report this month. I cannot imagine that I was alone in the entire South in receiving skip Jan. 1 & 2. Please support your column and your club by reporting! Rx still a Heath AJ-15, antennas a quad at 55' and a single vertical Winegard at 30', both rotor-mounted.

Jan. 1 Es

1728-1730 WNHU 88.7 West Haven CT

1730-1740 WNYC- 93.9 New York NY

CFMQ? 93.9 Ottawa, Ont.

1730-1800 WETA- 90.9 Washington DC

1735-1745 WBJC 91.5 Baltimore MD

1740-1800 WNYU 89.1 New York NY

1755-1805 WAMU 88.5 Washington DC

Jan. 2 Es

Same time, several tentatives in Minneapolis-St. Paul-Collegeville MN area

Jan. 7 Tr

2340-0000 WTUB 105.7 Troy AL

2345-0005 WYNQ 106.5 Chattanooga TN

Feb. 17 Tr

Evening Tr to San Antonio, Killeen TX; nothing new.

mi.

1253 student DJ, Prog. mx

1192 Brit. politician on Af.

tent. mixed WNYC--, unneeded

989 CL mx, talk, Firing Line 1800

1024 talk race, A. Jensen theory

1192 NYC nx, Soul mx, \$

989 DJ show, YL, ID, Tolkien show

325 C&W, s/off w/ SSB

465 Auto \$ "All Mx all the Time",

ex-WLOM



# VHF UTILITY DX

Pat Dyer  
5315 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 12th of month

MARCH 1974

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT

6-10: 1451, KAL 561 37.10 Dyersville, IA (police, 100 watts)  
14: 0107, KIK 393 37.30 Quincy, FL (sheriff or police)  
0109, KIA 621 37.30 Marianna, FL (sheriff, 60 watts)  
8-18: 2201, G-ARVF 134.4 ov Atlantic City, NJ (BOAC Flt 500; VC-10; 25w)

Richard T. Colgan, 1605 Mearns Meadow Blvd., Austin, TX 78758 final  
San Antonio loggings (total of 1802 stations, 46 states); Realistic  
PRO-2; Midland 13-920; Petersen HL-44; A/S Mon-8 at 40 feet; GMT used

11-24: 1859, KBT 569 33.78 Houston, DE (fire) (P2, rest are Es)  
12-10: 0059, KSB 432 42.38 Minocqua, WI (state police)  
0117, KQW 459 42.46 Beatrice, NE (state police)  
0207, KQC 884 35.58 Detroit, MI (A2 pager)  
0214, KKD 300 37.26 Longview, TX (local government)  
29: 0249, KDN 407 35.22 Colorado Springs, CO (A2 pager)  
0350, KQC 877 35. Cincinnati, OH (A2 pager)  
0402, KKP 998 45.10 Laurel, MS (sheriff)  
0423, KIC 897 39.92 Eustis, FL (police)  
1-1: 1726, KAH 661 35.22 Minneapolis, MN (A2 pager)  
1817, KAJ 780 42.82 Duluth, MN (state police)  
1844, KAL 561 37.10 Dyersville, IA (police)  
1857, KSD 246 42.38 Menomonee, WI (state police)  
1906, KIB 819 44.64 Frankfort, KY (state police)  
2027, KQF 851 45.02 London, OH (state police)  
2102, KQA 925 39.46 Monroe, OH (police)  
2107, KSA 837 42.42 Connersville, IN (state police)  
2117, KLD 826 45.10 Pittsboro, MS (sheriff)  
2219, KJU 858 42.64 Mankato, MN (state police)  
2229, KSA 939 39.50 Salem, IL (sheriff)  
2328, KIM 905 35.22 Charlotte, NC (A2 pager with A3 ID)  
2: 0018, KAA 494 39.58 Abilene, KS (sheriff)  
0221, KAB 904 39.90 Beatrice, NE (sheriff)  
3: 0251, KAB 464 39.94 Norfolk, NE (police)

Now, my loggings. Hallicrafters SX-62 with 50' wire @ 12' nw-se run; all are Es unless noted (\* P2, with daily US and Latin American peak MUF given if over 30 MHz) - GMT used

1-14: 0100, L Beach	27: 0110, Los Ang.	31: 2221, KME 438
16: 1824, KFL 943	29: 1825, KSC 645	2-2: 0045, L Beach
18: 1631, KSJ 815	1849, KSJ 815	0050, KMA 829
1735, L Beach	KQD 609	0052, OK City
1737, KMA 829	1905, KQC 884	0125, KFL 943
1800, KME 438	1925, KQA 459	2209, KFL 943
1825, 35.3-Sp.*	30: 1728, KSC 645	4: 0228, KME 438
19: 1915, KTY 508	1730, KGA 805	0231, KMA 829
23: 0000, L Beach	1747, Pittsburgh	0646, KDN 402
0315, KME 438	1748, KQD 609	1531, KMA 829
25: 1820, 35.5-US *	1847, KQD 313	1544, KFL 943
1835, 36.1-Sp.*	1849, KQC 877	1753, KQA 606
27: 0043, L Beach	2045, KSJ 815	12: 1700, 36.45-Sp.*

As current solar activity is about the lowest since early 1966 or late 1965, it is not known just how much 30-50 MHz P2 will emerge from the Latin America region this spring. The use of a frequency counter (from Dec 1972 QST magazine) is going to enable better frequency measurements of what does come through.



VHF UTILITY DXMARCH 1974

KAQ 606	35.58	Denver, CO	KQD 313	35.50	Dayton, OH
KDN 402	35.54	Omaha, NE	KQD 609	35.22	Lansing, MI
KFL 936	35.58	(west)	KSC 645	35.58	Chicago, IL
KFL 943	35.58	Las Vegas, NM **	KSJ 815	35.22	Fort Wayne, IN
KGA 805	35 -	Pittsburgh, PA	-	35.58	Long Beach, CA *
KIY 508	35.22	Orlando, FL *	-	35.38	Los Angeles, CA-mp
KMA 829	35.58	San Diego, CA	-	35.58	OK City, OK *
KME 438	35.22	Orange, CA	-	43.58	Pittsburgh, PA *
KQA 459	35 -	OH ?			

mp-mobile phone; rest are A2 tone pagers, except \* voice and \*\* tone messages with voice ID

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National Bureau of Standards radio station WWV (on 2.5, 5, 10, 15, 20, and 25 MHz) provides several services of interest to the VHF DXer.

Propagation Forecasts - these are given by voice at 14 minutes after the hour (revised at 0100, 0700, 1300, and 1900 GMT) and consist of a forecast of radio conditions and a statement of current geomagnetic field conditions (i.e., quiet, unsettled, or disturbed) with the same information then in a letter-number code (e.g., fair-quiet-N5; poor-disturbed-W3; etc.) Prior to July 1971 these letter-number forecast codes were sent every 5 minutes in A2 Morse, instead of the once-an-hour format now.

Geophysical Alerts - given by voice at 18 minutes after the hour (revised daily at 0400 GMT or whenever sudden condition changes warrant a modification) give the solar-terrestrial conditions for the previous day (i.e., solar flux, magnetic A-index; solar activity (major flares etc.); magnetic storms - if any) and a forecast of the expected solar activity for the coming day along with magnetic field expectations (storms, etc.) Prior to July 1971 this used to be given once an hour in a rather cumbersome code (see Bob Cooper's March 1968 QST article)

Though these forecasts are primarily aimed at the h.f. user (e.g., shortwave broadcasts, point-to-point telephone circuits etc.) the VHFer can take notice of unsettled or disturbed condition announcements and act accordingly (look for F2 or aurora, depending where you are). However, many a good unexpected F2 opening in 30-50 MHz has been the result of a WWV-classed "minor" storm. For additional information on the WWV services, write to: National Bureau of Standards, Time and Frequency Division, Boulder, CO 80302.

The WWV signals themselves can be of use to VHF DXers. For instance, the 2nd harmonic of the 25 MHz transmitter must radiate several milliwatts as it is often heard on Es here on 50 MHz (providing a good beacon and calibration spot). Depending on your distance from Fort Collins (the antenna site) good estimates of the Es and F2 MUFs can be made by noting the 15, 20, and 25 MHz outlets. From here, by theory at least, WWV-25 on F2 implies a transcontinental MUF of 50 MHz. At night (after all F2 has gone) they provide excellent Es beacons for that area.

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A detailed look at Solar Cycle 20 and it's VHF F2 effects are scheduled to appear in the June or July issue of ham radio magazine. A future announcement will appear when my article's publishing date becomes finalized.

73, Pat

WA5IYX

# FM QSL CORNER

West Virginia Buckhannon WVWC 88.9-sent nice, specific ltr.  
v/s Arnold W. Sayre, CE. power 14 kw. (gk) sent pgm. guide.

## Pennsylvania Cont.

Pittsburgh WKJF 93.7-ltr, CM. v/s Robert G. Clarke, VP-gen. mgr. (RW)  
Pittsburgh WDUQ 90.5-pleasant, specific ltr. v/s Kenneth Duffy, Dir.  
enclosed sked. (RW)  
Pittsburgh WAMO 105.9-pleasant, specific ltr, indicated wrong time,  
rate card/CM. v/s Milford Flack, CE. Mine is most distant "by far"  
previous best being Toronto. (RW)  
Philadelphia WFLN 95.7-specific QSL Card (date added though no  
space for it). enclosed two luxurious program guides and CM.  
v/s Thomas D. Moyer, CE. (RW)  
Philadelphia WRCP 104.5-ltr, no time. enclosed CM's, info. (RW)  
Pittston WVIA 89.9-ltr, v/s Roy Hoinowskie, Dir. radio Ops. (RE)  
Reading WRFY 102.5-ltr, CM. v/s Mrs. Helene Tranco, mgr. (RE)  
Red Lion WGCB 96.1-nice pleasant ltr, all details.  
v/s Fred Wise. (Ed)  
Somerset WVSC 97.7-specific ltr, CM. v/s Harold P. Showman, CE,  
W3PVC. My report is "by far the best DX report ever received." (RW)  
StarView WRHY 92.7-paper thin QSL Card/record survey. v/s  
Guron Moul, Gen Mgr. (Ed)  
York WNOW 105.7-pleasant ltr, specific QSL card. my report is  
most distant. v/s Forrest Back, CE. (RW)

South Carolina Beaufort 98.7-ltr, xmtr-antenna info, v/s Edward S. Borden, CE. (PD)

South Dakota Brookings KESD 88.3-specific ltr, said enclosed CM, but none found.  
program guide separately, (for TV). my report is most distant.  
v/s Mike Atkins, prog. mgr. (RW)  
Huron KIJV 92.1-brief, specific ltr on small ltrhead. v/s Max F.  
Staley, P. (RW)  
Madison KJAM 103.1-brief ltr, no date, sked/CM. v/s Joe A. Goeman, ■  
gen. mgr. has had report from Joe Fela, NJ. (RW)  
Sioux Falls KCHF-73.5-memo, specific. v/s E.C. Stangland, Genmgr. (RW)  
Vermillion KVRP 102.3-Pleasant, specific ltr and AM coverage map  
v/s Darrel Wilson, Ops. mgr. He is a TV-DX'er and tells recent  
catches. (RW)

Tennessee Memphis WREC 102.7-QSL card (RE)  
Memphis WMPS 97.1-ltr-v/s Donna Malone (RE)  
Memphis WAID 104.3-ltr. v/s Bob McDowell, Prog. dir. (RE)

Texas Eagle Pass KINL 92.7-ltr, no time. v/s Chuck Gavin, CE. says my  
report is the first DX report to KINL, "but we've only been on the air  
for 1½ years". (!) (RW)  
El Paso KTSN 99.9-specific ltr, says my report is most distant.,  
enclosed mimeo data sheet, large CM. v/s M.M. Schwartz, stn. mgr. (RW)  
El Paso KINI 97.5-handwritten specific ltr. my report is most distant.  
v/s Logan D. Matthews, Ops. mgr. (RW)  
Fort Worth KSCS 96.3-ltr, no time, on WBAP-AM/FM/TV stationery;  
enclosed CM, antenna data for present and proposed power.  
Is former WBAP-FM. v/s Rupert Bogan, Dir. Eng. (RW)  
Hereford KPAN 106.3-vy specific ltr, CM (not specified if for FM,  
appears AM). v/s Michael Margrave, CE. had report from Bruce Elving. (RW)  
Houston KPFT 90.1-two pleasant, specific ltrs. v/s Benn Kobb,  
a DX'er. Has had reports from Glenn Hauser and Maryland. (RW)  
Georgetown KGTV 96.7-ltr, no date. v/s Judith Chandler, asst. mgr.,  
Has had reports from Bruce Elving, and a DX'er in Omaha, same day.  
(June 5) (RW)



Ohio Kent Kent State University sent QSL card in white/black/gold. had the date, but no time or v/s. frequency 89.7....7.5 KW. WKSU (gk)

Utah Salt Lake City KALL 94.1-pleasant, specific ltr, no time, and CM (showing 10w & 1w transmitters. v/s Rex L. Vance. CE (RW)  
Salt Lake City KUER 90.1-ltr, xmtr-antenna info, pgm guide. v/s Don E. Smith, CE. (PD)

Vermont Burlington WEZF 92.7-yellow QSL card, no details. xmtr~~xx~~ is over 4000ft. elevation. v/s Warren Chase, CE. (Ed)

Virginia Lynchburg WWOE 100.1-pleasant, specific ltr, says my report is most distant yet, CM/rate card. v/s James A. Barnard, CE. (RW)  
Newport News WGH 97.3-~~two~~-page, pleasant, vy specific ltr, mass of info material, press xeroxes, CM, etc., my report is most distant and the first outside a 150-mile radius. (RW)  
v/s Raymond B. Bottom, Jr.  
Norfolk WYFI 99.7-brief, inspecific note, tract, sked. v/s Lowell Davey, Exec. Dir. who enclosed his calling card. (RW)  
Norfolk WCMS 100.5-form ltr, gave time only, failed to say FM. v/s T.D. Keith, CE. (RW)  
Richmond WRVQ 94.5-ltr, no time, CM. v/s Harry R. Long, CE. (RW) (formerly WRVA) (Ed)  
Williamsburg WBCI 96.5-specific ltr, CM. v/s George Ramsay, CE. Has had reports from Bruce Elving, Duluth, and from Kansas City, Missouri. (RW)  
Yorktown WYCS 91.5-verified my QSL form, and sent short ltr saying they were proud to verify my report. v/s Gary Eugene, CE. (Ed)

West Virginia Clarksburg WRGT 106.5-specific ltr. my report is the most distant "By about 500 miles". v/s David B. Anderson, CE. (RW)  
Huntington WKKE 100.5-ltr. v/s Raydon Thompson, CE. (RE)  
Wheeling WTRF 107.5-ltr, no time, CM. v/s Howard L. Daubenmeyer; On WTRF-TV 7 ltrhead. transmitter is in Bridgeport, Ohio, My report is "By far the most distant".

Wisconsin Delafield WHAD 90.7-brief, specific ltr, booklet, guide. v/s Norman Michie, Radio network PD. (RW)  
Menomonie WDMW 92.1-specific ltr, thermofaxed CM, diff. ltrhead. v/s Don Mortwedt, GM. (RW)  
Wausau WIFC 95.5-large blue card, no time, ratecard/CM, (by counties only), v/s Donald F. Erhart, CE. My most motherly trop verie. (RW)  
River Falls WEVR 106.3-two-page ltr, no time. v/s A. Edward Murray, E. (RW)  
Sun Prairie WYXE 92.1-brief ltr, no time. Then, another, identically worded ltr, still no time. v/s Clifford J. Groth, CE. (RW)  
West Bend WBKV 92.5-pleasant, specific ltr v/s Paul E. Krevci, CE. (AE)

Canada Winnipeg, Manitoba CJOB 97.5, specific ltr, CM. v/s Neil East, CE. my report is 2nd best after a 2600-mile double hop one from Canada's East Coast. (RW)  
Montreal, Quebec CBF 100.7-large, colorful Globe QSL Card, all details but wrong frequency. no v/s. (Ed) (for French report)

See the December VUD for list of contributors.

73's until next month..... Greg

# TV QSL CORNER

MARCH '74


- FL WPTV Ch 5 WEST PALM BEACH, form ltr. W.LEWIS ENVENDEN, d/e. 5 days after follow up. Originally sent 6 YEAR ago. Note with letter saying they're sorry for delay. (GK).
- GA WFSU Ch 11 TALLAHASSEE, ltr. WOODFIN O.WALKER, ce. 7 days. (JC).
- GA WMAZ Ch 13 MACON, C, WILLIAM D.SOWELL, ce. 66 days. (JC).
- IL WHRF Ch 4 ROCK ISLAND, C, JERRY KEEFE, ce. 9 days. (JC); ltr. 8 days. (JA).
- IN WTWO Ch 2 TERRE HAUTE, ltr & pic pc. ARDEN L.RAMSEY, ce (W9CJU), 20 days. (TJY).
- IA KTIV Ch 3 SIOUX CITY, C, AL SMITH, ce. 9 days. (JA).
- LA WYVE Ch 8 NEW ORLEANS, ltr, ALLEN L.GUNDERSON, ce. 11 days. (JC).
- ME WLEZ Ch 2 BANGOR, ltr & sked. EDWARD E.GUERNEY, mgr. 20 days. (JM).
- ME WCAN Ch 13 PORTLAND, C, J.BREWER, ce. 9 days. (JM/MS).
- MS WMAA Ch 29 PO DRAWER 1101, JACKSON, 39205, ltr. FORREST L.MORRIS, d/e. 2 weeks. (SS).
- MO KYTV Ch 3 SPRINGFIELD, ltr. DENNIS WHITE, ce. 21 days. (JA); 8 days. (TJY).
- NB KHTL Ch 4 SUPERIOR, ltr. TOM NUSS. 9 days. (JA).
- NY WNY Ch 7 WATERTOWN, C, YON KOVIG, d/e. 3 days. (JA).
- NY WROC Ch 8 ROCHESTER, C, unsigned. 5 days. (JA).
- NY WAST Ch 13 ALBANY Ltr & map. ROBERT HENRY, ce. 4 days. (JA).
- NY WCNY Ch 24 SYRACUSE, ltr & map. S.PAUL BARRON, d/e. (JA).
- ND KCWD Ch 12 PEMBINA, ltr, map & sked. RICHARD VINCENT, mgr. 2 1/2 YEARS. (JM).
- ND KOMB Ch 12 BISMARCK, ltr. RODGER E. DAVIS, 20 days. (JM).
- OH WLWD Ch 2 DAYTON, ltr (MS not mentioned), HAROLD L. THOMPSON, ce. 12 days. (KRS).
- OH WKYC Ch 3 CLEVELAND, ltr. RAYMOND SMITH, tech-op. 6 days. (TJY).
- OH WTVN Ch 6 COLUMBUS, C, unsigned. 20 days. (TJY).
- OH WJW Ch 8 CLEVELAND, C (8 x 5). 10 days. (TJY).
- OH WSTV Ch 9 STEUBENVILLE, ltr & map. WILLIAM P.CHESNES, ce. 9 days (TJY).
- OH WBNS Ch 10 COLUMBUS, ltr. WILLIAM ORR, ce. 15 days. (TJY).
- OH WPMJ Ch 21 YOUNGSTOWN, C, ltr, Map. FRANK A.DIERINGER, ce. 2 weeks. (TJY).
- OH WAKR Ch 23 AKRON, C, 4 days. (TJY).
- OH WKBN Ch 27 YOUNGSTOWN, C, W.F.WIKLEMS, ce. 1 week. (TJY).
- OK KTEW Ch 2 TULSA, ltr. JOHN D.BARTH, ce. 1 week. (TJY).
- OK WKY Ch 4 OKLAHOMA CITY, C, unsigned. 6 days. (TJY).
- OK KOTV Ch 6 TULSA, C, E.C.ALLEN. 1 week. (TJY).
- PA KDKA Ch 2 PITTSBURGH, ltr. JOHN J.CVETIC. 4 weeks. (TJY).
- PA KYW Ch 3 PHILE, ltr. (MS mentioned) CHARLES S.BLAIR JR. eng. mgr. 6 days. (KRS); AM C, MISS D.E.KOZAK. 3 weeks. (TJY).
- PA WTAE Ch 4 PITTSBURGH, ltr. LOUIS P.WAGNER. 12 days. (TJY).
- PA WJAC Ch 6 JOHNSTOWN, ltr. THEODORE E.CAMPBELL, ce. (TJY).
- PA WPVI Ch 6 PHILE, ltr. MISS DOROTHY M.CASIDAY. eng. sec. 13 days. (TJY).
- PA WGAL Ch 8 LANCASTER, C & Map, WAYNE SEACAST, ce. 9 days. (TJY).
- PA WTAJ Ch 10 ALTOONA, C, unreadable sig. 4 days. (TJY).
- PA WCAU Ch 10 PHILE, ltr, C, Map. C. ROBERT GROSS, d/e. 20 days. (TJY).
- PA WHYY Ch 12 WILMINGTON (DE). C, ltr. PATRICIA SCHANCK, info. svc. 10 days. (TJY).
- PA WLH Ch 15 LEBANON, ltr, map. ROBERT B.GOOD JR, ce. 10 days. (TJY)
- PA WNBP Ch 16 SCRANTON, ltr. CHESTER SAWICKI, ce. 1 week. (TJY).
- PA WPHL Ch 17 PHILE, ltr & map. DONAL B. LEITH, asst. ce. 18 days. (TJY).
- PA WHP Ch 21 HARRISBURG, C, unreadable sig. 5 days. (TJY)
- PA WDAU Ch 21 SCRANTON, C, RALPH THOMPSON, ce. (TJY).
- PA WJET Ch 24 ERIE, ltr, JOHN KANZIUS, d/e, 7 days. (TJY)
- PA WTPA Ch 27 HARRISBURG, ltr & map. ELAINE BEAVER, sec. mgr. 20 days. (TJY)
- PA WBRE Ch 28 WILKES-BARRE, C, 8 days. (TJY).
- PA WTAJ Ch 29 PHILE, ltr & map. BERNARD F.GUREWICH, ce. 2 weeks. (TJY). same for old call WIBF. (TJY).
- PA WTFB Ch 33 HERSHEY, ltr & map. JOHN A.BOSAK, ce. (K3IBN), 1 week. (TJY).
- PA WUHY Ch 35 PHILE, C from WHY, unsigned. 5 days. (TJY).
- PA WLWT Ch 39 ALLENTOWN, ltr & map. JERRY A.RICHARDS, d/e. 6 days. (TJY).
- PA WVIA Ch 44 SCRANTON, ltr & map. PAUL EVONSKY, ce. 1 week on 2nd try. (TJY).
- PA WKBS Ch 48 PHILE, ltr. GLENN H. ROMOS, eng. mgr. 1 week. (TJY).
- RI WTEY Ch 6 NEW BEDFORD (MA), ltr & C. MAURICE P.WYNNE, ce. 3 months. (TJY).
- RI WJAR Ch 10 PROVIDENCE, ltr. PHILIP TAFOR, eng-in-charge. 24 days. (TJY).
- RI WPRI Ch 12 PROVIDENCE, ltr. T. ARTHUR BONE, mgr. eng. 16 days.

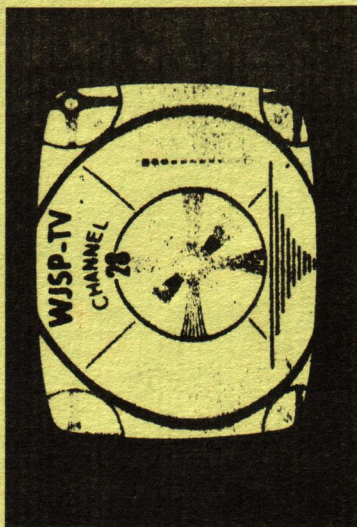
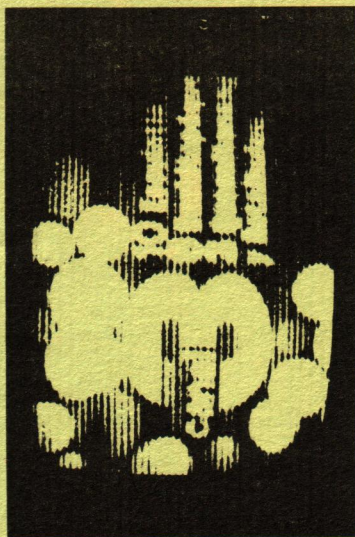


SC WCBD Ch 2 CHARLESTON, fill-in-card. WALTER NELSON, ce. 1 week after 5 tries over a one year period. GREG KELLEY suggested writing to ce by name. TNX! (KRS).  
WFBC Ch 4 GREENVILLE, C, W.E. GARRISON, ce. 1 week. (TJY).  
WJBF Ch 6 AUGUSTA (GA). ltr. JOHN P. JOPLING, ce. (TJY).  
WSPA Ch 7 SPARTANBURG, ltr & map. ISABELLA TIPTON, asst. promo. dir. 20 days. (TJY).  
WTVV Ch 7 CHARLESTON, ltr, EDDIE LANE, eng. (JC).  
WIS Ch 10 COLUMBIA, ltr & map. JOSEPH P. GILL JR, ce 19 days. (TJY).  
SC WBTW Ch 12 FLORENCE, ltr, B.E. MOOR, ce. 6 days. (TJY).  
SD KDLO Ch 3 GARDEN CITY, C from KELO. M. ARTUS, eng. sec. 1½ weeks. (TJY).  
KORN Ch 5 MITCHELL, ltr & map. ARNOLD E. MONDAY, ce. 6 days. (TJY).  
KPLO Ch 6 RELIANCE, as KDLO above. (TJY).  
KCOO Ch 9 ABERDEEN; KSOO Ch 13 SOUX FALLS, ltr from KSOO. MAX PIERCE, ce. 5 days. (JM).  
TH WRBC Ch 3 MEMPHIS, C.L. KNIGHT, ce. 2½ weeks. (TJY).  
WATE Ch 6 KNOXVILLE, C, DON WATKINS, ce. 5 days. (TJY).  
WBIR Ch 10 KNOXVILLE, C, J. REX HORTON, 21 days. (TJY).  
WJHL Ch 11 JOHNSON CITY, ltr. CLYDE T. ROBERTS, pr dir. 6 days. (TJY).  
--continued next month with TX, UT, VA, WA, WV, WI and DC.--

MAILBAG: FRANK WHEELER, Erie, Pa., says he's gotten a QSL letter from the new Canadian GLOBAL TV he reported JAN 6, 1974, by letter from PRUDENCE EMERY, pr manager. (adr: GLOBAL TELEVISION NETWORK, 81 Barber Greene Rd., DON MILLS, Ont., M3C2A3 CANADA.) GLENN HAUSER, Stillwater, Ok., has sent a final draft of a Spanish language report form. We'll run it soon. Dr. Richard Woods of LSU also worked on the letter. LARRY VOGT, K4UEQ: Reporters of WNVY Ch 53 Goldwein (MAIL ADR: ANNANDALE, VA. 22003) will get a friendly QSL letter from this club member. Anyone who saw WGSP ch 50 in WASHINGTON, DC when it tested briefly in March of '71 can get a card from Larry. He also says for WHFV ch 69 in FREDRICKSBURG, VA. try RAY MCINTURFF, the ce. Am starting a black list of non-QSLers here so send them to me.  
HONOR ROLL OF REPORTERS: Greg Kelley, Staunton, Va- CK; Ken Simon... your ed.- KRS; John Combs, Orlando, Fla.- JC; TJY is, of course Tom Yingling of Baltimore (Dumdalk), Md. Jim Alexander, New Hartford, NY- JA; JM- Joseph Markewicz of Winnipeg, Manitoba/NS is for his Nova Scotia loggings and a welcome aboard to Scott Sampson of Orion, Ill who is SS.

So keep right on writin' them 3 x 5s... 73s from SUNNY FLORIDA, hopefully home of the '75 CONVENTION.

  
KENNETH R. SIMON  
528 Pilgrim Road  
West Palm Beach, Fla. 33405



Photos Courtesy of Ron Le Blanc, New Orleans, LA. Top left: KZTV-10, Corpus Christi, Texas. 485 mile tropo. Top right: TVG-TV-3, Guatemala. Es at 1102 miles. Lower left: KOTV 39, Dallas, Texas. 465 mile tropo. Lower Right: WJSP-28, Columbus, GA. 337 mile tropo.



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