

MISSISSIPPI EDUCATIONAL TELEVISION



WABW-TV Channel 22  
WABW-TV Channel 23  
WABW-TV Channel 24  
WABW-TV Channel 25  
WABW-TV Channel 26

CKPR 2  
CHFD 4

WSB-TV  
Atlanta

TELEVISION **KDKA-TV 2**

# VHF-UHF DIGEST

WJZ-TV  
4.6KTV



WCBD-TV  
Charleston

FEB. 1975

WNGE 2

TELEVISION  
**WNGE 2**

TV  
2

wear-TV  
abc

kelo-land tv  
KELO-11 KPLO-6 KDLO-3

TELEVISION



kate tv  
LAFAYETTE, LOUISIANA

KTBS  
SHREVEPORT, LA.

WAVE-TV  
LOUISVILLE

KGLO-TV  
CHANNEL

KY 3

WBTV  
CHARLOTTE

KRBC  
9 ABILENE

KACB  
3 SAN ANGELO

3  
MASON CITY

WVBC-TV  
MARTINSBURG



WCBT-TV  
3

WVAY  
tv 3  
WILMINGTON, N. C.

WCIA 3  
CBS NEWS CENTRAL ILLINOIS

KDAL  
TELEVISION  
DULUTH - SUPERIOR

television 3

4  
WVLO

4  
WTVJ

kill-tv corpus christi

WVTV  
8  
WVTV  
6  
WVTV  
13

4 TV  
KGBT

KTIV  
4  
DIXON CITY, IOWA

4  
WVTV  
KANSAS CITY

WFBC-TV  
GREENVILLE, SOUTH CAROLINA

WSM-TV  
4

4  
CHANNEL  
KARK TV  
LITTLE ROCK

5  
WVTV  
5

5  
Alexandria  
KALB  
Louisiana  
WRAL-TV  
5

5  
KENS-TV

LOCO LOGOS  
by John Combe  
ORLANDO, FLA.

KSTP-TV  
5

WNBC TV  
4

5  
WOI-TV

5  
WVTV  
METROEDIA  
TELEVISION

WOAI-TV  
4  
SAN ANTONIO, TEXAS

WAGA-TV  
5  
ATLANTA

# **publishers' notes...**

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

**CCI-TV MOVES WEST...**Les Prus has resigned the editorship of the TV CCI column. Filling the slot will be the job of Frank Aden, Jr., 448 NE Olney Ave., Bend, OR 97701. Let Frank help you identify some of those mystery loggings, and you can help make his column a success in the process!

**A PLUG IN KENTUCKIANA...**member/column editor Ted Fleischaker of Louisville, KY wrote a feature story on TV-FM-AM DXing, which appeared in the December 31 "Jefferson Reporter", a weekly newspaper serving the Louisville area. Included was a nice plug for the WTFDA.

**THERE'S STILL TIME BROTHER...**to renew your WTFDA membership for another year at the \$9.00 rate, that is. Effective February 15, the dues are increased to \$11.00 (if you do not receive this issue till after the 15th, simply attach a note to that effect along with your check, cash or money order).

**COMING ATTRACTIONS...**next month a feature article by Morrie Goldman is planned which will highlight changes in TV receiver design that will affect DXers. A similar article on FM receivers is planned for later publication.

**NEW MAILBOX EDITOR...**starting next month, John Zondlo takes over the reins of the MAILBOX column. This column covers general information on club members, as well as regular listings of names and addresses of new members. If you have something to say about yourself, your equipment, etc. not covered elsewhere in the VUD, send it to John at 6617 Maryland, Hammond, IN 46323. A special note of thanks to William Hale and Charles Winters who also volunteered for the job.

**SLIGHT DELAYS...**due to late delivery of mail during the Christmas rush, the WESTERN TV DX and NORTHERN FM DX columns for January missed the deadline for the January VUD. So, you'll find these January columns in this month's edition.

# FCC FM NEWS

Bruce Elving, Editor  
704 Duff Avenue, Ames IA 50010

## New Construction Permits

AL Demopolis 106.3 3000; 200'  
AZ Tsaile \*91.9 10 [Anyone know where "Tsaile" is? It's not on any of my maps, nor does the place exist in a ZIP Code Directory. It is to be a Navajo station.]  
AZ Tucson \*90.5 12500; 3590' AZ BD/REGENT  
CA Hanford 107.5 50000 h,v; 275' rock  
CA St. Helena 101.7 3000 h,v; -520' m  
CA San Luis Obispo \*90.1 76; 1440'  
CA Turlock \*91.9 10; W. Sacramento \*91.7 10  
CO Grand Junction \*91.3 10  
FL Green Cove Springs 92.7 3000 h,v; 273'  
FL Key West: Initial decision effective, probably for 95.5 WLAB 255' 100000 h,v  
FL Lehigh Acres 107.1 3000 h,v; 300' m  
GA Statesboro \*91.3 10  
IL Carlinville \*91.1 23500 h, 15000 vertical; 260' IL Bible Institute  
IL Clinton 95.9 3000 h,v; 300' mk [College]  
IN Fort Wayne \*90.3 50000 h,v; 269' Bible  
MD Leonardtown 97.7 3000 h,v; 300' [Reversal of initial decision favoring Lexington Park MD; delete Lexington Park 97.7]  
MA Springfield \*89.1 10  
MI Olivet \*89.7 10  
MN Grand Rapids 96.7 1700 h,v; 390' [Owned in part by Roger D. Olsen, licensee of W269AA 101.7 Grand Rapids. W269AA expected to delete or be sold (I have offered to buy W269AA)].  
MO Clayton \*90.3 10  
MT Hardin 95.3 1000 horizontal; -12'  
MT White Sulphur Springs-Fort Logan K224A 92.7 10, \$, m (translator of KOPR"-FM" 106.3 Great Falls MT)  
NM Albuquerque 107.9 5000; 495' r(rock)  
NY Amsterdam 97.7 3000 h,v; 135': Initial decision, subject to reversal—like what happened to Lexington Park (MD)  
NC Edenton 100.1 3000 h,v; 195'  
TX El Paso 92.3 100000 h,v; 1860' Media SS/L 93.1 100000 h,v; 1160' KAMA  
TN Memphis \*90.3 10 S. Comm. Volunteers \*91.7 10 Southwestern, Inc.  
TX Plainview \*91.5 370 h,v; 120': Resurrection of KMBL-88.1!  
UT Ogden 101.1 98000 h,v; 790'  
VT Brattleboro 92.7 410 h,v; 710' m  
WV Elkins \*90.3 10  
WI Eau Claire \*89.7 10  
WI Kenosha \*91.1 800; 145'

## On Air and DX Ready!

MOR music  
AL Enterprise WKMX 106.7 100000 h,v; 430'  
AZ Kingman KZZZ 92.7 3000 h,v; -70', m, but claiming coverage 50-100 miles (?)  
AR Berryville KAAM 107.1 \$ 1000 h,v; 451'  
AR Clarksville KLYR-FM 92.7 3000; -73'  
CA Pismo Beach KPGA 95.3 1680 h,v; 389'  
CA Waynesboro WWSA 100.9 3000 h,v; 300'  
KY Hindman WKCB-FM 107.1 500 h,v; 650'  
MN Rushford KLSE \*91.7 100000 h,v; 590'/SCA (67 kHz) talking book for the blind, including porno shows 11 pm Sat. & Sun.  
MS Brandon WRCH 97.7 3000 h,v; 290'

MS Clinton WHJT 93.5 3000 h,v; 300'  
NJ Brick Town WBGO \*91.9 10  
NM Albuquerque KPARR-FM 100.3 9000; 4110', \$  
NM Las Cruces KASK 103.1 780 h,v; -110'  
NY Rochester WXXI-FM \*91.5 36000 h,v; 400'  
SC Camden WPLB-FM 94.3 3000 h,v; 180'  
TN Lobelville WTHJ 94.3 3000 h,v; 300'  
TX Coleman KSTA-FM 107.1 \$ 3000 h,v; 180'  
TX Midland KBAT 93.3 70000 h,v; 430' k  
UT Orem KHDS \*91.5 10  
WA Auburn KGRG \*89.9 10, rock  
WY Jackson KMTN 96.9 46000 h,v; 940'

## On Air With Changed Facilities (Selected)

CA Fresno KKKO 102.7 50000 h,v; 500'  
FL Miami WEDR 99.1 70000 h, 47000 v; 165'  
IN Princeton WRAY-FM 98.1 50000 h,v; 420'  
LA Davenport KRVR 106.5 60000 h,v; 210' \$  
LA New Iberia KDEA 99.1 51000 h,v; 480'  
MI Hastings WGBH-FM 100.1 1550 h,v; 295'  
MI Jackson WHF1 94.1 50000 h,v; 320' \$  
MI Port Huron WHLS-FM 107.1 300' (3000h,v)  
MI Spring Arbor WSAE \*89.3 1100 200': Here's your chance to log this station, which nobody in the club seems to have heard!  
MN St. Paul KSTP-FM \*KS95' 94.5 95000h,v; 1220'; NC Hendersonville WKIT 102.5 100000 h,v; 330'; OH Hamilton WYCH 102.5 7250 (255')  
TX El Paso KTSM-FM 99.9 87000 h,v; 1820'

## Facilities Changes Authorized

AZ Sun City KMAO 106.3 3000 h,v; 97'  
CO Aspen KSPN 97.7 3000 -64' [h,v]  
CO Fort Collins KCOL-FM 107.9 470' (100000/CT Danbury WXXI \*91.7 1200; -77'  
CT New Canaan WSLX from \*91.7 to 91.9 (10w)  
IA Ames KLFM 104.1 460' (100000 h, v)  
KS Pittsburg KMRJ 96.9 adds v [Calls, too.]  
MA Pittsfield WORR 105.5 630 h,v; 590'  
MA Springfield WTCC from 90.9 to \*90.7, 3300; 115'. MI Grand Rapids WGRD-FM 97.9 50000 h,v; 390'. NC Charlotte WRQQ 95.1 570' (100000 h,v). OH Hillsboro WSRW-FM 106.7 45000 h,v (160'). OK Chickasha KXXX 105.5 3000 h,v; 195'. OK Miami KGLC-FM 100.9 265' (3000h,v). OR Lake Oswego KOIV 106.7 100000 horizontal, 87000 vertical; 1020'  
SC Greenville WESC-FM 92.5 630' (100000 h,v)  
TN Morristown WAZI 95.9 340 h,v; 770'  
TX Laredo KOYE 94.9 770' (100000 h,v)  
VA Blacksburg WUVT \*90.7 770; 150'  
WA College Place KGTS \*91.3 1000; -63' [209]  
WV Fort Gay WFGH from 89.9 to \*90.7 7800/  
WI Oshkosh WYTL 103.9 2450 h,v; 330' \$, k  
WI Watertown WITN-FM 94.1 adds v [500']  
WI West Bend W8KV-FM 92.5 50000 h, 47000v/

## Stereo, or to go \$:

CA San Bernardino KQLH 95.1 gr  
IL Carbondale WSUJ \*91.9 (also SCA, 67 kc)  
IL Springfield WSSR \*91.9  
MN Cloquet WKLK-FM 100.9 (due on by 6-75)  
MN Minneapolis KBEM"-FM" \*88.5  
MO Joplin KPQG 102.5 WA Seattle  
NY Buffalo WYOL-FM 104.1 KNHC \*89.5  
TX Broomwood KOXE 101.5

## No Longer \$; Remove Stereo:

NY Buffalo WREZ 94.5. WA Moses Lake KWIO-FM 100.3

## Call Letters' Assignments

AL Phenix City-Columbus GA 100.1 WEIZ (was WXLX); from rock to m music  
AZ Prescott 98.3 KEZH CA Redding 98.1  
AR Batesville \*88.1 KGED KVIP-FM, \$, g  
CA Bishop 100.7 K10M"-FM"  
CA Modesto 104.1 KHOP (KTRB-FM)  
CO Canon City 103.9 KRLN-FM (KSTX)  
CO Vail 104.7 KVMT ID Burley 98.3  
FL Miami \*88.9 WDNA KBAR-FM MI Auburn  
FL Naples 93.5 WRG1-FM (WALJ) Heights  
IL Quincy 99.5 WDCY (WTAD-FM) \*69.5 WAHS  
KY Lexington 98.1 WKQO (WLEX)  
KY Russellville 101.1 WAKO (WRUS-FM)  
MN Austin 99.9 KAUS-FM (KAAL)  
MN East Grand Forks 103.9 KRAD-FM  
MS Holly Springs 92.7 WKRA-FM NH Keene  
MS Jackson 96.3 WJFR (WLSL-FM) \*89.1  
MO Caruthersville 103.1 KCRV-FM WKMH  
MT Lewistown 95.9 KLCM-FM  
NV Las Vegas 101.9 KFMS (KRGV)  
NC Mars Hill \*90.5 WVMH"-FM"  
OH Kettering \*89.5 WKET  
PA Philadelphia 98.3 WJRR"-FM"  
TN Carthage 102.3 WRKM-FM  
TX El Paso 93.9 KPAS  
TX Lubbock 101.1 KTEZ ("K-tease")?  
VT Middlebury 100.9 WCVW  
WA Bellevue 92.5 KZAM (KBES-FM)  
WV Clarksburg 92.7 WVHF"-FM"

## Heard Testing

95.3 \$, m music, no ID, most likely WKCF Shell Lake WI.

## Format Changes (Selected)

IL Chicago WJ01 101.1, automated k,  
KY Hopkinsville WHOP-FM 98.7 country (k)  
NY Montour Falls WXXY 104.9 m (was rock)\$  
**Deletions**  
AL Montgomery WHCR \*90.7  
CT Guilford WGCT \*90.5  
KS Arkansas City KECA 106.5  
PA West Chester \*91.7  
WA Spokane KMSI"-FM" \*89.7

## SCA Authorized (67 kHz)

NY Syracuse WMRH 102.9

## Miscellaneous

CA Gilroy KNSD to change eventually from 94.3 to 94.5; higher power, height change to be announced later by FCC.  
MI Ann Arbor WGEN"-FM" \*89.5 to be \*88.3 until March 12, 1975, and if no interference results to WJIM-TV channel 6 in Lansing MI, WGBN may remain on \*88.3, thus permitting WEMU Ypsilanti to move from \*88.1 to \*89.1 and increase power to 15.85 kilowatts effective radiated power.

## Abbreviations used here

\$=stereo; h=horizontal effective radiated power in watts; v=vertical power; ' = ht. above average terrain in feet; c=classical music; m = m of the rock [easy listening] music; r=rock; k=country; g=gospel music; pm = rock and middle of the road music, etc.; F=frequency modulation; states are abbreviated, using the two-letter U. S. postal service-approved abbreviations.

KUUL "cool" Madera CA, 92.1 on in \$, m, Mutual news. KHEX 103.9 Yuba City simulcasts AM station KUBA, m, probably not in \$. ABC Entertainment Network.

John Robertson, Crosswell MI, has a new \$ receiver and with it, even though this is not the season for sensational long-distance reception on FM, he's already discovered that WCAR-FM 92.3 Detroit is now \$, and rock ("that's all Detroit needs is another rocker; that makes five on the FM dial, 6 if you count CJOM 88.7 Windsor"). Lansing MI stations WITL-FM 100.7 and **WCAR-FM Rocks in \$!** WILS-FM 101.7 are both broadcasting in Stereo, while WORW \*91.9 Port Huron MI has classical, mor, jazz and rock programming. Also new to the \$ game is gospel station WCVO 104.9 Gahanna OH. WHY-P-FM 100.9 North East PA is not \$. KETO 101.5 Seattle is k, not m.

Topeka KS's new country-stereo station KTPK 106.9 is reportedly having problems with interference to or from KSWT 107.7, also in Topeka. KXIQ 94.1 Bend OR announces as "all-American country." KBMC 94.5 Eugene and KPDQ-FM 93.7 Portland are filing against KXIQ, charging interference. KXIQ is legally assigned to its channel and is far enough away so there should be no interference, but could be operating with too wide a bandspread.

WQCM 96.7 Halfway MD now progressive rock, \$, 6 am-1a.m. and 24 hours Sat. & Sun. Without stereo, WQXA 105.7 York manages to out-rate (ARB) other rock stations with \$ (WRHY, WYCR). WQCM calls self "Rock in Stereo, FM 97," sounds automated, ABC Entertainment Net. WRHY 92.7 Starview PA usually calls self "Starview Radio," using call letters only as required on the hour. WYCR 98.5 York-Hanover PA: "Where You're Cash Rewarded"; originally the call letters stood for "York County Radio." The license has finally been granted for \*89.3 Washington DC to the Pacifica Foundation, which they have sought since 1968. The grant was opposed by most Nixon appointees to the FCC. [Power, height for this facility still unknown.] More call letter nonsense, or un-use: WXLO 98.7 New York, "99-X"; KAFM 92.5 Dallas, "92-K"; WZZM-FM 95.7 Grand Rapids MI, "Z-96"; WZGC 92.9 Atlanta GA, "Z-93." WPHD-103.3 Buffalo NY back to WYSL-FM with progressive rock, and substantial duplication with WYSL (AM); they i. d. as "whistle."

Out west again, KVIM 93.7 Coachella CA either dropped \$, or never had it. This is the station that the late Raleigh Biss, Palm Springs CA, told me had such bad fidelity a few years ago. KEZS 96.9 Sacramento CA now k, and KQLH 95.1 San Bernardino's got "commercial top-40 religion" (gr?), \$. Going east, a new report of hearing "WCCS New York" on 91.9 (or possibly 91.7), sometimes called "92 CCS." This extra-legal station, mentioned in the new FM Atlas, says they will operate Sunday and Wednesday nites from 10 p. m. to 1 a. m. the next morning. About 10 w.

In NC, WRSV 92.1 now soul, monophonic, while WFMA 100.7 also in Rocky Mount has mono k music and TWO sub-channels. 67 kHz is Muzak, and 41 kHz contains the ABC radio networks--41 kHz would you believe!!!

Mike Dorner, Metairie LA, does not agree with my discarding of "-FM" when "it doesn't suit your philosophy. . . I cannot see how you will discard ten-water above ground level height figures because they 'aren't accurate enough' and then inaccurately omit '-FM' behind some stations' four letters. . ." On a friendlier note, Mike notes that KROF-FM 104.9 Abbeville LA is \$, rock. He feels W. Chester PA \*91.7 must be deleted (and I agree!), but he wonders if some of the following might be deleted: KEPH 89.3 Ephraim UT; WJHD 90.7 Portsmouth RI; WHFG 91.3 Wabash IN; KWTS 91.9 Canyon TX; WLIU 88.7 Oxford/Lincoln U. PA; KRDC 90.1 St. George UT; KNBO-FM 95.9 New Boston TX; KSLC 90.3 McMinnville OR; KHKA 88.9 Hillsboro MO; K KALU 90.7 Langston OK; KSTU 105.5 Centerville UT; KMBS 96.1 Harlingen TX; KBID 92.9 Wichita Falls TX; KIGC 88.7 Oskaloosa IA; WGAO 91.3 Franklin MA; WYWA 91.3 Walpole MA, WYDC 88.9 Dix Hills NY, or KVLE-FM 92.7 Vernal UT. I feel that most of these stations are just slow in constructing, and are not deleted; some, in fact, may already be on the air! \$: KJEF-FM 92.7 Jennings LA.

Tom Cornell, Kokomo IN, would like to know more about Morrie Goldman's impressions of the Sequerra tuner (see VUD, December '74, p. 6), and I am happy to report that Morrie says he will be writing a multi-part series for the VUD that would follow along the same lines as his convention talk. R. E. Fischer, College AR, says selectivity less than claimed by mfr (94 db vs 140 db claimed), according to High Fidelity magazine. **CONTRIBUTORS THIS ISSUE** (Besides those already mentioned)

Frank Aden, Bend OR; Bill Coleman, Jr., Rocky Mount NC; Jim Hughes, Mt. Pleasant MI; Mark L. Lewis, London, Ont.; Eric Norberg, Hollywood CA; Les Prus, Manhattan KS; John Robertson, Crosswell MI; W. T. Ryan, Victoria, B. C.; Andy Smith, Hyattsville MD; Dennis Smith, Chico CA; L. Weil, East Rockaway NY.



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Commission

Conseil de la Radio-Télévision  
Canadienne

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NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

FEB 1975

TV APPROVALS

LLOYDMINSTER, ALTA ch. 4 NEW 82 kw. omni (OTV) -by owners of CKSA Lloyd.  
 QUEBEC, PQ ch. 15 NEW Auth: 1235/246 kw. Prop: 1298/259 kw. new site (stv)  
 CHAMBORD, PQ ch. 10 NEW 13 kw. dir. Sat. CJPM-TV (6) Chicoutimi (TVA)  
 FORT GEORGE, PQ ch. 8 NEW 3.4 watts ERP dir. Sat. CBC ENG & FR via ANIK

FM APPROVALS

MONTREAL, PQ 99.3 MHz NEW 7.2 watts -community programs, mainly French  
 THUNDER BAY, ONT 94.3 MHz CKPR-FM Pres: 48 kw. Prop: 95 kw. omni  
 CALGARY, ALTA 95.7 MHz NEW 74 kw. dir. Sat. CKUA Edmonton (AECC)  
 LETHERIDGE, ALTA 99.5 MHz NEW 100 kw. omni Sat. CKUA Edmonton (AECC)

TV APPLICATIONS

FLIN FLON, MAN ch. 3- NEW .134 kw. Sat. CBWFT (3) Winnipeg (R-O)  
 THE PAS, MAN ch. 6# NEW .134 kw. Sat. " " "

FM APPLICATIONS

POVUNGNIKUK, PQ 99.9 MHz NEW 28.9 w. omni (80% Inuit, 20% Fr. & Eng.)  
 -withdrwn until direct funding by QUE gov't can be revised  
 TORONTO, ONT 91.1 MHz CJRT-FM Pres: 27 kw. Prop: 50 kw. to 350' CBC tower  
 -change of ownership to corporation supported by ONT gov't  
 FLIN FLON, MAN 99.9 MHz NEW 76 watts Sat. CKSB St. Boniface (CBC-FR AM net.)  
 THE PAS, MAN 95.7 MHz NEW 79 w. Sat. CKSB-AM " " "  
 EASTERVILLE, MAN 95.5 MHz NEW 40.5 w. Sat. CBW-AM Winnipeg (CBC-ENG AM net)  
 GRAND RAPIDS, MAN 101.5 MHz NEW 68.5 w. Sat. CBW-AM  
 MOOSE LAKE, MAN 99.9 MHz NEW 80 w. Sat. CBW-AM  
 SNOW LAKE, MAN 95.5 MHz NEW 60 w. Sat. CBW-AM  
 THE PAS, MAN 94.5 MHz NEW 76 w. Sat. CBW-AM



TIDBITS

### The new CBC logo, at left, came into use on the eve of Dec. 9, so the familiar CBC-Radio-Canada map will no longer be seen. The change-over will involve a very expensive promotional campaign publicly and within the CBC. The name change to Radio-Television Canada will follow (soon??).  
 ### New FMs that should be on: CBOF-FM Ottawa, CBV-FM Quebec, CBJ-FM Chicoutimi which make up the new CBC-FM (Fr) network with CBF-FM Montreal. ERPs found in past columns. Also new for Chicoutimi is CHUT-FM 105.9 & part-time Sat. in Chambord 106.7. Sorry; those CBC freq. above respectively are 102.5, 95.3, 100.9  
 ### All those Manitoba applications above are part of CBC's Accelerated Coverage Plan to put an AM & TV network repeater in every town over 250 not within present coverage areas. Unfortunately, too many of those AM net. satellites are on FM.  
 ### Calls of new OBCA station in Southern Ont. will be CIOG-TV- channel number. CICA-19 Toronto never IDs with call, even @ sign/on & off; thus, it may also be CIGCI ?

We wish you all a very happy, successful, DXful 1975.

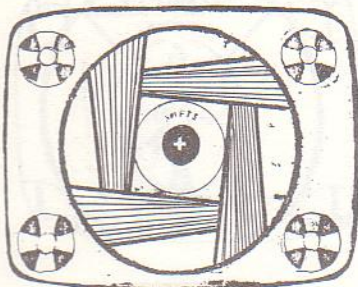
73s, Mark & Joel



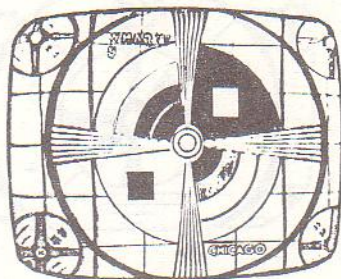
Most TV-DXers who have been active for any period of time have observed quite a number of test pattern varieties. However the common names for these patterns have not often been outlined and many TV-DXers are not acquainted with them.

It is the purpose of this guide to present the names and abbreviations of the test patterns most commonly observed in the Western Hemisphere. In addition, common terminology used in reference to test patterns has been noted and defined.

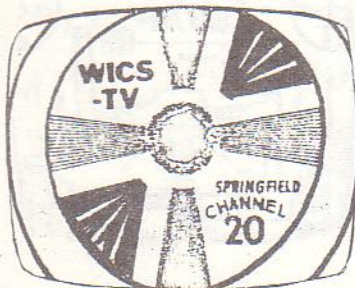
- 1.) SMPTE-TP (Society of Motion Picture & Television Engineers) A B&W field resolution slide, first copyrighted by NBC. The pattern may or may not have the letters SMPTE displayed.
- 2.) NBC-TP Used by some NBC stations. Variations include use of call letters in upper left and city in lower right, simply "NBC" in upper left, or the plain pattern.
- 3.) WEDGE-TP (W-TP) One of the most common B&W patterns in use today. Generally speaking, wedge patterns hold close to the standard form shown, but several customized versions have been noted.
- 4.) CBS-TP A B&W pattern used by many CBS owned and affiliated stations and a number of non CBS stations as well. Form holds very close to pattern shown and few variations have been noted.
- 5.) ABC-TP Throughout the US there are quite a number of ABC owned or affiliated stations which operate on channel 7. This pattern is used by many of them. White call letters are displayed in the upper left quarter and the entire pattern has a grey background.
- 6.) BULL'S-EYE-TP (BE-TP) This B&W pattern has several minor variations, which include changed call letter placement and lettering size. Channel number is often on the center of the "bull's-eye". Background is white.
- 7.) AVCO-TP A B&W pattern which appears to be exclusively used by AVCO owned stations.
- 8.) RCA-TP Also known by some as the "old NBC pattern". Similar to bull's-eye, with the primary difference being that the background is grey in color. Call letters usually appear in upper left, with location, or station slogan in lower right. Lettering is white.
- 9.) INDIAN HEAD-TP (IH-TP) A very common low resolution B&W pattern, which in unmodified form does not incorporate a position for call letters. The IH-TP is usually generated from a monoscope which is relatively low in cost for the station to operate. Custom ordered monoscope tubes are required for the station to display call letters, and this boosts costs.
- 10.) MODIFIED INDIAN HEAD (MIH-TP) Identical to standard IH-TP, except the actual Indian head drawing is replaced by descriptive information, such as call, location and channel. Countless variations of call letter placement, etc. exist. Photo #16 shows another of these variations.



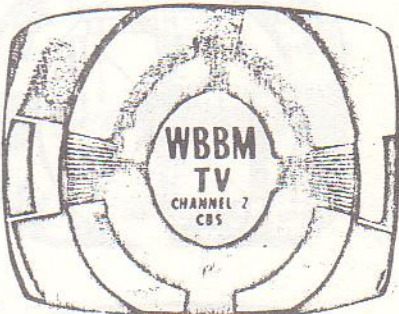
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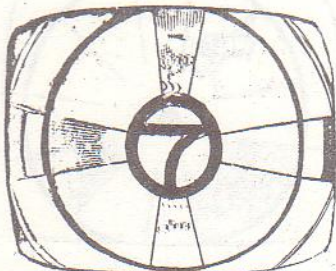
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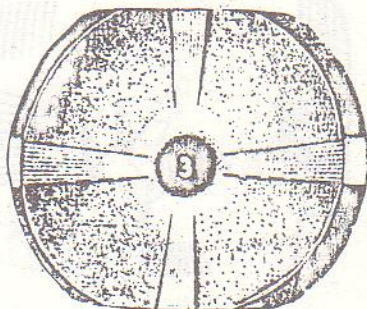
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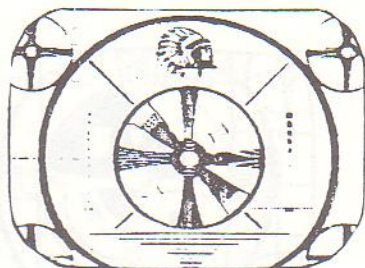


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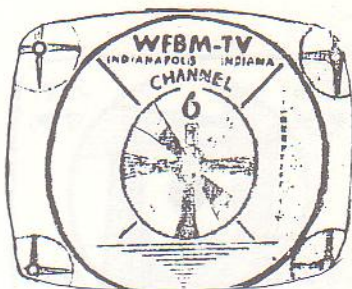


8.

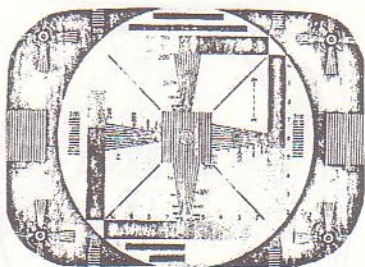
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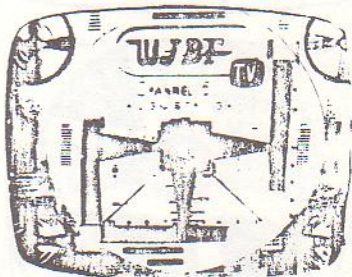
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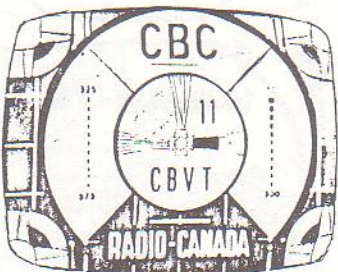
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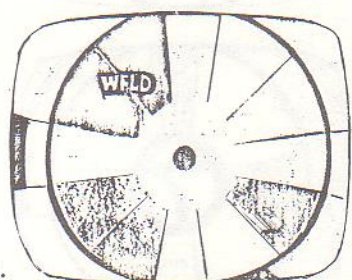
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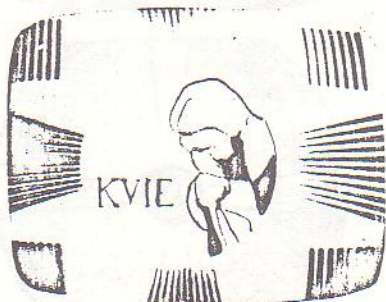
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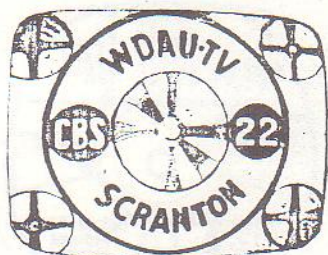
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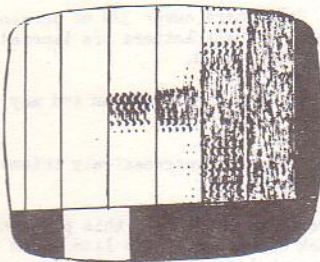
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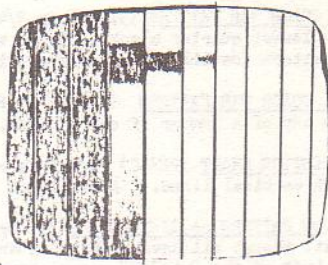
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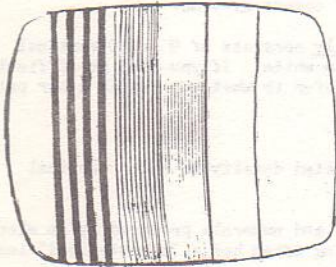




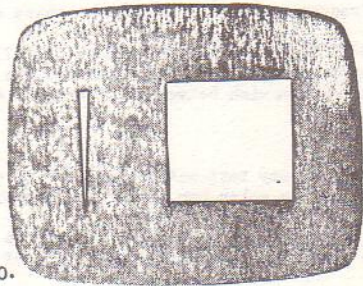
17.



18.



19.



20.

- 11.) RETMA-TP (or RMA-TP) Also a very common B&W pattern, but of higher resolution than the IH-TP. Up to 800 lines could be observed if transmission standards permitted. Several standard variations of this pattern have been noted, which include replacement of the four grey scales with solid black area; different size resolution wedges and opposite inverted wedges. By opposite inverted wedges, we mean that all wedges taper toward the TP center.
- 12.) MODIFIED RETMA-TP (MRETMA or MRMA) Identical to the standardized RETMA patterns, except that a portion of the pattern is blanked out and call letters, etc. are inserted.
- 13.) CBC-TP This B&W pattern is used by most, if not all Canadian Broadcasting Corporation television stations. Perhaps the most distinctive feature of this TP (especially on meteor bursts) is the very dark lower quarter between the inner and outer circles.
- 14.) COLOR BULL'S-EYE-TP (CBE-TP) Very similar to the B&W BE-TP, except two color wedges are inserted between resolution wedges. Lettering appears in white; call letters in upper left, channel in upper right and location in either lower right or both lower left and right.
- 15.) CUSTOM-TP'S can take on literally any shape or form as demonstrated by this KVIE-TP. Be cautious in your descriptions however, as many seemingly custom TP's are derivations of the standard patterns shown in this guide.
- 16.) MODIFIED INDIAN HEAD-TP See #10

WTFDA TEST PATTERN GUIDE

- 17.) 3/4 COLOR BAR PATTERN (3/4 CB or 3/4 CB PAT.) Color bars cover 3/4 of screen, with lowest quarter black with one white square. If call letters are imposed on pattern (usually on black area) it becomes an ID 3/4 CB.
- 18.) FULL COLOR BAR PATTERN (CB or CB PAT) Color bars cover full screen and may have any of a number of color bands.
- 19.) RESOLUTION CHART (RES-C) Consists of multiple groups of progressively thinner black vertical lines. Also called "multiburst pattern."
- 20.) WINDOW PATTERN or SINE SQUARE (WF or SSQ) Several variations of this pattern exist, though all have a white square on a black background. The line shown to the left of the "window" may be tapered, linear or not included at all. In case you're wondering, this pattern is used for measurement and alignment of low frequency response as well as phase error of camera systems.
- 21.) GREY SCALE (NOT SHOWN) (GS or GS PAT) Usually consists of 9 or 10 vertical bands ranging from black through the greys to white. If you find it difficult to distinguish between a CB and GS, simply refer to what you see as a bar pattern.

.....

bar pattern Any test pattern consisting of graduated density or color vertical bars including color bar patterns and grey scales.

"character generator produced" Refers to letters and numerals produced by an electronic character generator. This type of lettering often has a "computerized" look.

circular pattern Any test pattern which consists primarily of a large central circle, similar to the bulk of the patterns shown in this guide.

color pattern Any test pattern which displays color in addition to B&W.

contrast test A section of a test pattern (usually shading wedges or bars) used to measure the difference between dark and light.

custom pattern Any unique test pattern which is not of, or a modification of a standard pattern type.

electronic pattern Any test pattern not projected from a card, light box, slide or monoscope tube, but by a purely electronic means. Common electronic patterns include some forms of dot, bar, grid line and rainbow patterns.

fleshstone slide A slide which solely, or in addition to another pattern, displays a color photo of a person (usually a girl!) for overall color performance measurement and adjustment purposes.

grey scale A pattern or portion of a pattern where grey density is displayed in steps from white through the greys to black.

grid lines Linear spaced vertical and horizontal lines, usually used by superimposing over a mechanically produced pattern to aid in vertical and horizontal linearity adjustments.

IDed pattern A test pattern which includes identification of the station of origin.

modified pattern A change in an otherwise standardized test pattern, usually to include station call letters, location, etc.

## WTFDA TEST PATTERN GUIDE

negative picture or reverse polarity A video image displayed in negative of the transmission standards. Black becomes white, red becomes green, etc.

rainbow pattern A special type of color pattern, usually produced by electronic means, which displays the visible light spectrum from left to right on the screen. If electronically produced, this pattern is not visible on B&W television receivers. The rainbow pattern is usually used over a mechanically produced pattern.

resolution test A portion of a test pattern which allows measurement of the number of lines per frame.

resolution wedge The wedge portion of some test patterns composed of lines which range in spacing from thick to fine, permitting resolution measurement.

test grid A test pattern composed, at least in part of grid lines to aid in vertical and horizontal linearity adjustments.

test tone An audio test signal usually transmitted in conjunction with a video test pattern.

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The test pattern guide that I have presented was prepared with several objectives in mind. The first and most obvious was to acquaint WTFDA members with the correct names and abbreviations for the test patterns most commonly seen in this hemisphere. However, it was also my intention to arm members with tools to describe uncommon patterns they may have observed, in a manner that can be commonly understood by all. This is especially important when reports of unidentified stations are submitted to the CCI column editor. He must first be able to interpret what the reporter was trying to say, before there is any hope of the mystery station being identified.

Now that all members have this common ground for naming test patterns; it is not inconceivable that we may be able to compose a list revealing what stations use what test patterns. This would of course take a good deal of time and effort to prepare and would require constant updating. But perhaps more importantly, it would require the work and cooperation of a large portion of the TV-DXers that make up our membership. You can start on this right now by pulling out your log or station list and recording the pattern types used by the stations you are acquainted with. If you would be interested in actively taking part in a committee to prepare or update a list of the type we have described, I would suggest that you write Headquarters at your nearest convenience.

The potential of a station-test pattern list goes without saying. It could also become one of the best tools the meteor scatter DXing TV-DXer could own. In short, this is something that should receive serious consideration at your end.

In closing, I would like to give my thanks to DXers Bill Heusmann and Jerry Pulico, whose photos were used in addition to those of the editor to make this guide possible.

Morrie S. Goldman WA9RAQ

This Guide originally appeared in the May 1971 issue of the VHF-UHF DIGEST. It has since been slightly modified for accuracy, but the Guide is still far from being complete. Many more photos are still needed. In fact, the original photos no longer exist (those reproductions shown here are from copies of VUD pages). If you'd like to take on the project of preparing a new more complete guide, write HQ today. TP photos are also welcomed!

Morrie Goldman

Deadline for 95 MHz  
FM DX Records :  
10 March

Next month: More  
UHF TV DX Records

# STATISTICS

Editor:  
Glenn Hauser  
1312 West Oak  
Enid OK 73701

## CHANNEL 34 TV DX RECORDS

Call	Location	Miles	DXer, Location	Logos
KMBX	CA Los Angeles	135	Jim Pizzi, Orcutt CA	
WTVX	FL Fort Pierce	1120	Glenn Hauser, Von Ormy TX	
WSBT-	IN South Bend	210	Ross Brown, Tupperville ON	
WNIT	IN South Bend	355	Robert Seybold, Dunkirk NY	
K34AA	KS Salina	215	Robert Cooper, Arcadia OK	
WBJA-	NY Binghamton	1230	Robert Cooper, Oklahoma City OK	
WOSU-	OH Columbus	325	Robert Cooper, Arcadia OK	
WILX-	PA Wilkes Barre	190	Richard Nieman, Buffalo NY	
			tie King Schafer, Kenmore NY	
KKBC-	TX Lubbock	365	Robert Grace, Franklin TX 77856	
KFTZ-	WI Fond du Lac	750	Robert Cooper, Oklahoma City OK	

## CHANNEL 35 TV DX RECORDS

WSWB	FL Orlando	1040	Pat Dyer, San Antonio TX
WEEQ	IL La Salle	600	Robert Cooper, Oklahoma City OK
WKHA	KY Hazard	785	Robert Cooper, Arcadia OK
WKMA	KY Madisonville	690	Glen Neal, Sayre OK
WGVC	MI Grand Rapids	795	Robert Cooper, Arcadia OK
WTRI-	NY Albany	260	Richard Nieman, Buffalo NY
WLIO-	OH Lima	790	Robert Cooper, Arcadia OK
WSEE	PA Erie	485	Roy Barstow, Teaticket MA
WUHY-	PA Philadelphia	275	Robert Seybold, Dunkirk NY
WRLK-	SC Columbia	605	Ron Le Blanc, Marrero LA
WJPB-	WV Fairmont	115	John Parillo, Girard OH

## CHANNEL 36 TV DX RECORDS

WFIQ-	AL Florence	745	Glenn Hauser, Von Ormy TX
KGSC-	AR Fayetteville	370	Glenn Hauser, Franklin TX 77856
KGTO-	CA San José	190	Jim Pizzi, Orcutt CA
KTVU	CA Stockton	205	Dennis Smith, Wasco CA
WJHP-	FL Jacksonville	520	Ed Bourgeois, Norco LA
WATL-	GA Atlanta	755	Robert Cooper, Oklahoma City OK →
KSTW	MO Saint Louis	830	R. J. Walker, Daytona Beach FL
KTVI	MO Saint Louis	95	Carl Lupton, Shelbyville IL
WENY-	NY Elmira	555	Bill Draeb, Kewaunee WI
		tie	Don Ruland, Kenosha WI
WRET-	NC Charlotte	625	Dick Clark, Ft Lauderdale FL
WSBE-	RI Providence	405	Robert Seybold, Dunkirk NY
KTVV	TX Austin	1110	Robert Frantz, Ft Lauderdale FL
WMVT	WI Milwaukee	425	Mark Lewis, Downsview ON

## CHANNEL 38 TV DX RECORDS

KUDO	CA San Francisco	235	Dennis Smith, Sequoia Crest CA
WSUN-	FL St Petersburg	490	Ed Bourgeois, Norco LA
KS2XBR	IL Chicago	20	Bill Pagel, Glen Ellyn IL
		tie	Gary Olson, Deerfield IL
WYEA-	GA Columbus	840	Glenn Hauser, Von Ormy TX
WILL-	IN Terre Haute	590	Robert Cooper, Arcadia OK
WKMR	KY Morehead	775	Robert Cooper, Arcadia OK
WSBK-	MA Boston	1475	Robert Cooper, Oklahoma City OK
WPNE-	WI Green Bay	775	Robert Cooper, Arcadia OK

## CHANNEL 39 TV DX RECORDS

KGST	CA San Diego	250	Steven Wiseblood, Santa Maria CA
WTVO	IL Rockford	515	Richard Nieman, Buffalo NY
		tie	King Schafer, Kenmore NY
		tie	Art Collins, Buffalo NY
WUNJ-	NC Wilmington	645	Roy Barstow, Teaticket MA
WLVT	PA Bethlehem	665	Bill Draeb, Kewaunee WI
KDTV	TX Dallas	450	Ron Le Blanc, Marrero LA →
KHTV	TX Houston	1260	Robert Seybold, Dunkirk NY

WRET-TV  
CHARLOTTE **36**

KTVV -  
CH. 36 -  
AUSTIN

**36**  
KTVV  
NBC-AUSTIN

CHANNEL  
**36**

wyea-tv  
38  
columbus.ga.

WYEA TV  
COLUMBUS, GA.  
**38**

**39**

# EASTERN TV DX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

February 1975

Deadline: 10th

DX activity in most areas covered by EASTERN TV-DX has returned to the usual mid-winter levels as this month's column is being prepared. Tropo, the coastal and Gulf variety in particular, was quite good in December. For those of us further inland and in the Northeast, December saw one or two fair-to-good tropo openings towards the end of that month. Early indications about January seem to point toward the evening of the 9th as this year's midwinter tropo surge. Such pronounced mid-winter activity usually is noted by DXers in the Northeastern and Great Lakes regions, where it's almost always accompanied by a quick temperature rise; this was especially noticeable at the editor's QTH, where record temperatures were set for January dates. Midwinter Es openings were definitely below average this year; we should have a better picture of the overall situation by next month. In the MS department, the Geminids shower was good.

David J. Egan 12A Andrew Valleyfield, Quebec J6S 3B2 (EST)

"Not much to report...some skip in the early part of December but nothing spectacular. Spring-like tropo popped up on 12-28 with Scranton, PA at 280 miles in on UHF like locals but zilch past 300 miles. Log total as of January 1, 1975 is 222, an increase of 30 stns over the last year."

December	28 Tr 1850	WHHT-17 Schenectady NY	
8 Es	1638	WRBL-3 Columbus GA	R1135
	1640	WTVY-4 Dothan AL	R1145
	1647	WCIV-4 Charleston SC	R0910
	1648	WBRC-6 Birmingham AL	T1050
	1650	WCBD-2 Charleston SC	R0910
	1650	WSB-2 Atlanta GA	R0955
	1655	unID-3 "WSAV or WRCP"	
9	1555	unID-3 NBC 4 or -	
24 MS	0533	WCBS-2 New York NY	R0310
28 Tr	1829	WVIA-44 Scranton PA	N0280
	1850	WNBP-16 Scranton o/WNPE	

"Haven't seen ch 15 Quebec City yet, which is supposed to be on the same time as 17 Montreal. WZBF-22 has xltr on ch 63, W63AD in Rutland, VT."

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

November	14 MS	0638	WCBD-2 Charleston SC	N
22 Tr	1700	0706	WLWT-5 Cincinnati OH	N
		20 Tr	2000	Cleveland, Youngstown, Scranton, Binghamton U's
			2020	WUTR-20 Utica NY v'y good
		22	2114	WKBS-48 Philadelphia T
	1730		WHP-21 Harrisburg PA	T
	1750		WTPA-27 Harrisburg PA	T
	1800		Scranton-WilkesBarre U's	
	1900	23	1800	Cleveland, Youngstown, Toledo U's all quite good
	1924		2000	CKGN1-22 Cottam Ont R
	1930		2058	Detroit U's fair
	1935		25 Es?	2105 occasional CCI SSW on 2
			26 Es	1600 WEDU-3 Tampa FL T
				1630 MUF to ch 4, unIDs on 3
	2030		28 Tr	2250 Scranton-WilkesBarre U's
	2259			W63AB-63 Mansfield PA N
23	0025		31	0720 Youngstown 21, 27 v'y good
	0145			0724 WHIZ-18 Zanesville OH N
	0150			
	0155			
	0330			

December	1 Es	2206	WEDU-3 Tampa FL?	T
			2215	WSAV-3 Savannah GA? T
	6 Tr	2000	2215	hvy Ø CCI on WBBN-4
	9 Es	2040	1910	hash 2-9, v'y strong 2-6 to ch 13
10 MS	0230	KTVL-2 St Louis MO	9 Tr	2350 upon returning home, cx checked and found to be really up in almost every direction; details later.
14	0624	WJXT-4 Jacksonville FL		
	0625	KMOX-4 St Louis MO (670)		
	0636	WSB-2 Atlanta GA		

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

"...October & November weren't too exciting...some good tropo during this period, little over 500 mi. Good E-skips 10-1 and 11-30. XEZ-3 and XHD-4 give me two new estados. December: good month for tropo with some 600-mi. Gulf relogs the 14th, a nice South FL opening the 22nd, and super duct to VA-NC-SC the night of the 23rd, netting 6 new stations. Virginia is state #27, WERA-15 is station #200, and my log now stands at 204."

October		4 Tr (no		WBTV-13 SC		16 Tr 16004 "Lcl cx	
1 Es	1830	KPRC-2 TX	time	WERA-14 SC	up:	Jacksonville	
		KIII-3 TX	given)	WATU-26 SC	4,7,12,17	(245)	
		KFDX-3 TX		WJPM-33 SC			
		XEBF-3 NL T	11	0659	WTCG-17 GA		WVAN-9 Savannah
		to KBTX-3 TX		1935	WVAN-9 GA T		in thru lcl WFTV"
		KATC-3 IA			WIS-10 SC	19	0638 WTOC-11 GA
		XEZ-3 Gto			WTOC-11 GA		0639 WTCG-17 GA T
		KJAC-4 TX			WRDW-12 NC T		WYEA-38 GA
					to WBEA-14 SC		0640 WCWB-41 GA
8 Tr	2000	WBEA-14 SC			WNOK-19 SC		0641 WTAE-13 GA
		to WABW-14 GA			WOLO-25 SC		0654 WDTB-13 FL
		2240		2220	WATU-26 GA		MS 0702 WRBC-3 TN T
9	0945	WABW-14 GA	19	0600	WJHG-7 FL	21 Tr	2125 WDTB-13 FL
		WDCC-15 GA		20 Es	0649 "CCI on WESH-2	22	0830 "Tampa, Sar-
		WEIV-30 GA			--earliest Es seen!"		asota, Ft Myers,
		WCWB-41 GA	25	1943	unID 2-4		Naples, Miami, W.
11	0626	WBEA-14 SC		2020	KITVO-3 IA (MO) T		Palm Beach in
16	0645	WBTV-13 SC T		2025	WHEF-4 IL T		like locals"
		WBEA-14 SC		26 MS	0555 WLWD-2 OH		0835 WKID-51 FL
		to WRDU-28 NC	30 Es	1630	KTEW-2 OK		0843 W3AA-33 FL
		WNTV-29 SC			KIII-3 TX T	23	0757 WYEA-38 GA
	0705	WJPM-33 SC			KACB-3 TX		WRBL-3 GA
17	2300	WJHG-7 FL			KFDX-3 TX		WTVM-9 GA
		WALB-10 GA			KYTV-3 MO		0758 WCOV-20 AL
		WFSU-11 FL			KDFW-4 TX		0759 WSPA-12 GA
		WSPA-12 AL			to KNAB-4 TX		WFSU-11 FL
		WDTB-13 FL			WKY-4 OK		WALB-10 GA
		WABW-14 GA			KOCO-5 OK		0805 WDTB-13 FL
		to WDCC-15 GA			Oklahoma City		0809 WSRE-23 FL T
		WTCG-17 GA T			1920 KTXT-5 TX T		0810 WTVY-4 AL
		WDHN-18 AL			December		0815 WJHG-7 FL
		WJSP-28 GA		2 Es	2100 unID 2-4		0901 WKAB-32 AL
		WETV-30 GA		14 Tr	0706 WALA-10 AL		0906 WXIA-11 GA
		WYEA-38 GA			WOLO-25 SC		0917 WTCG-17 GA
	2335	WHAE-46 GA			WYEA-38 GA		0923 WHAE-46 GA
Es	2309	unID 2-4		0707	WNOK-19 SC		2115 WSLs-10 VA
19	(At New Smyrna Beach FL)				WBEA-14 SC		Roanoke (630)
	Tr 2100	WINK-11 FL		0711	WRLK-35 SC		2116 WERA-15 VA
21	(Back at Orlando)			0721	WVUE-8 LA		Roanoke (630)
	MS 0525	WJBK-2 MI T		0724	WJHG-7 FL		2116 WRLU-27 VA
22	Es 1134	unID 2-4		0730	WTOC-11 GA		Roanoke (630)
26	Tr 0109	WTVX-34 FL		0734	WDTB-13 FL		(new call? -bt)
	2030	WVAN-9 GA		0744	WDHN-18 AL		2145 WUNE-17 NC
November				0745	WRBT-33 IA		Linville (630)
1	Tr 0550	WJHG-7 FL		0750	WAFB-9 LA T		2200 WUNL-26 NC
		WDTB-13 FL		0755	WFSU-11 FL		Winston-Salem
		to WBEA-14 SC T	16 Tr	0631	WEAR-3 FL (AL) T		2200 WLOS-13 NC
		WTCG-17 GA		0638	WJHG-7 FL		2257 WNTV-29 SC
	0650	WCWB-41 GA		0639	WDTB-13 FL		2301 WDCC-15 GA
3	2138	WVAN-9 GA T		0642	WYEA-38 GA	24	0015 WSPA-7 SC
4	(no	WVAN-9 GA T		0650	WTVY-4 AL		Spartanburg(460)
	time	WIS-10 SC		0658	WTVM-9 GA T		
	given)	WTOC-11 GA		0700	WRBL-3 GA		

John reports "a pitiful showing" from the Ursids mini-meteor shower in the wee hours of December 22.

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 305/585-7415  
 "Nothing too exciting, the ducting for John Combs never got here...antenna  
 back up on guyed 20-ft steel pipe and cement base. Just got it insured."  
 December (BST)

4 Tr 0537	WBBH-20 Ft Myers FL 5555R	22 Tr 0855	WCJB-20 Gainesville 4442R
	0600 WTOG-11 Savannah GA R 390	25	0635 WTVM-9 Columbus GA 4043R
6 MS 0615	WTAE-4 Pittsburgh PA R		0655 WJKS-17 Jacksonville 3325R
8 Tr 0841	WSWB-35 Orlando FL R 140		0700 WRBL-3 Columbus GA 2025R
	2030 WBBH-20, WTVX-34, WSWB-35		0720 WTVX-34 Ft Pierce FL 2045R
9 Es 1637	unIDs 2,3		0720 WCJB-20 Gainesville 3332R
11 Tr 0605	WJXT-4 Jacksonville FL R		0720 WBBH-20 Ft Myers FL 2021R
	0630 WTLV-12 Jacksonville FL		2000 WTOG-44 St Pete FL 4444R
	WESH-2, WDBO-6, WFLA-8,		"Got land line call from
	WFTV-9, WINK-11, WTVT-13,		John Combs telling of UHF
	WBBH-20 FL		opening to Roanoke VA-27
	0649 WJKS-17 Jacksonville FL R		...(in Orlando, not here!)"
	WTVX-34 Ft Pierce FL R		2135 WSWB-35 Orlando FL 3325R
MS 0725	WSYR-3 Syracuse NY 5025R	24 Es 1600	unID 2,3; 1645 to 4 "weak"
Tr 0729	WJCL-22 Savannah GA 2015T	25 Tr 0800	WTVX-34, WSWB-35
13 MS 0602	WLWD-2 Dayton OH 5011R		1000 WTOG-44 St Petersburg R
	0620 WRCB-3 Chattanooga TN R	26	0730 WTVX-34 Ft Pierce FL R
14 Tr 0615	WJXT-4 Jacksonville FL R		1600 WSWB-35 Orlando FL R
	0622 WRCB-3 Chattanooga TN R	28	2125 WSWB-35 Orlando FL R
15	0930 WSWB-35 Orlando FL 3333R	29	0600 WJXT-4 Jacksonville 4041R
16	0658 WJXT-4 Jacksonville u/WTVJ		0604 WLCY-10 Largo FL 2025R
19 Es 1833	unID-2 "suspect XEW/YSR"		0830 WBBH-20, WFTV-26 both 5555R
Tr 1930	WSWB-35 Orlando FL 4444R		WTVX-34 Ft Pierce FL R
21	2130 WTVX-34 Ft Pierce FL R		1300 WESH-2 Daytona Bch FL R
22	0600 WESH-2, WDBO-6, WFLA-8	30	0530 WBBH-20 Ft Myers FL R
	to WFTV-9, WINK-11, WTVT-13		0545 WJXT-4 Jacksonville FL T
	0730 "all 5555"		1940 WJKS-17 Jacksonville 4443R
	0605 WLCY-10 Largo FL 5555R		WTVX-34 Ft Pierce FL 5555R
	0610 WJXT-4 Jacksonville 2025R		WSWB-35 Orlando FL 4555R
	0612 WJKS-17 Jacksonville 4555R	2000	WBBH-20 Ft Myers FL 4435R
	0622 WTLV-12 Jacksonville 2225R		WFTV-26 Naples FL 4445R
	0650 WTOG-44 St Petersburg R		WMTG-24 Orlando FL "rare"
	0745 WXLN-40, WBBH-20, WSWB-35	31	0603 WJXT-4 Jacksonville FL R
	0815 WFTV-26 Naples FL 5555R		

Ken also noted xltr W64AD rebroadcasting ICR-6 Havana on several occasions.

You asked for it: A few regulars have suggested that an Es chart, such as WESTERN TV-DX editor Dennis Smith uses, would be helpful. I agree. Next month I'll initiate an Es chart for this column, so when reporting, please indicate highest MUF noted in Es openings.

Jumping to conclusions: That's what your editor was guilty of last month. On page 14 of the January VUD, I mentioned in a correction to Paul Traska's report that both of us could see two WNEB xltrs on ch 63 all the time. A detent tuner proved me to be wrong. The two WNEB xltrs are on ch 62; it's not known yet if they are 10 watters, but both do indeed put signals into Buffalo all the time. My mistake was due in part to a piece of information from Bob Seybold that I misinterpreted. Evidently there are WNEB xltrs on ch 63, but neither Paul nor myself have seen them yet.

The purpose of a DX report column: After a year of editing this column, I can't help wondering if there are some members who don't fully realize its purpose. The primary purpose of this column is to give an indication of what TV DX conditions have been like in various parts of the many areas covered. Some members feel that they should report only new loggings. This really doesn't make sense, since every DX opening is of interest to someone, somewhere. If you don't care to report each and every relog, simply indicate that conditions were good into the general area of the stations you have already logged. For instance, in my own reports I use terms such as "Detroit, Cleveland U's" to indicate that relogs from those areas were seen, rather than list all the stations in the two cities. To those of you who are too busy to send in a report, I say why not drop me an occasional postcard to let me know what conditions have been like in your area? We need to hear from you to evaluate the quality of TV DX with any degree of accuracy.

# CENTRAL TV DX

William J. Draeb  
Ellis St. R.R.#2  
Kewaunee, Wi.  
54216  
(414-388-2350)

Deadline: 12th

For the most part, DX during the past month(trops) was at its usual low. However, Dec.28 and 30th were above normal when signals extended out to over six and seven hundred miles respectively. Both openings were on the weak side though. Here's the reports for this past month-----

Marvin Shults; R.R.#2, Toulon, Il. 61483 CST

- 12-2 Tr 2225 KMEG-14 Ia. 3455 ("News-  
beat at 10")  
2228 KVFD-21 Ia. 2345  
2230 KBMA-41 Kansas City 2245  
2245 K74CO Ottumwa, Ia. 2345  
K76EZ " " 2045  
2259 K7ØCL Ft. Dodge, Ia.2042  
K7ØET Kirksville,Mo.2042  
2300 KCBJ-17 Columbia,Mo.5543  
2306 KMTC-27 Springfield 3342
- 12-3 Tr 1129 KTSB-27 Topeka, Ks. ----  
12-4 Tr 0830 WFIQ-36 Florence, Al.3335  
0900 WBIQ-10 Birmingham T  
Also, unids on chs.11,  
12,13 to SE; unable to  
stay with this opening.
- 12-7 Es 1759 WESH-2 Daytona Beach, Fl.  
1800 WTVJ-4 Miami, Fl.  
Unids on chs. 3&5.
- 12-10 Ms 0435 WFSB-3 Hartford, Ct.  
0438 WSYR-3 Syracuse, N.Y.  
0501 WBZ-4 Boston, Ma.
- 12-11 Ms 0432 KYW-3 Philadelphia  
Unided "TV3"  
0433 WFSB-3 Hartford, Ct.  
0444 WSYR-3 Syracuse, N.Y.  
(multiple bursts)  
0540 WCIV-4 Charleston T  
12-12 Ms 0428 Unided "TV3"  
0435 WSYR-3 Syracuse, N.Y.  
0442 WBTW-3 Charlotte, N.C.  
0443 KYW-3 Philadelphia,Pa.  
0452 WBTW-3 Charlotte, N.C.  
0503 WCTV-6 Tallahassee  
0516 WSYR-3 Syracuse, N.Y.  
0606 KFDM-6 Beaumont T  
12-13 Ms 0355 Unided ch.5; 0358-0403  
several program bursts.  
Fashion show. Is this WCVB  
Boston? Is there any other  
Eastern 5 with programming  
at these hours?(Don't know-wd)  
0425 KYW-3 Philadelphia  
0442 Unided "TV3"  
WFSB-3 Hartford, Ct.  
0446 WBTW-3 Charlotte, N.C.  
0526 WRFL-3 Columbus, Ga.  
0532 Unided ch.2; "I Dream of  
Jeannie".  
0533 WCIV-4 Charleston, S.c.  
0600 WDSU-6 New Orleans  
0618 KENS-5 San Antonio  
0625 KRIS-6 Corpus Christi  
0627-0641 Several unids on  
ch.6.
- 12-13 Ms 0827 KUTV-2 Salt Lake City  
0859 KWGN-2 Denver, Co.
- 12-14 Ms 0354-0358 program bursts on  
ch.5.  
0440 KYW-3 Philadelphia  
0441 "TV3"  
0514 Unids on ch.6  
0529 WTAE-4 Pittsburgh, Pa.  
"Channel 4 Action News" on  
slant.  
0540 WKRG-5 Mobile, Al.  
0545 IHTP-8 S; seen twice,  
no id on tp.  
0615 KRIS-6 Corpus Christi  
0632-0642 Unided bursts on  
ch.6 to S.  
0645-0701 Unided ch.9. Eight  
pings or bursts SW; KWTW-9 T  
12-15 Ms 0443 WFSB-3 Hartford, Ct.  
0445 KYW-3 Philadelphia, Pa.  
0454 WPVI-6 "  
0508 Unided ch.7 tp to E.  
0542 WBTW-3 Charlotte, N.C.  
0545 Unided "TV3"  
0550 White "TV3" with "Part  
of Your Life" under "TV3".  
(If I'm not mistaken, I be-  
lieve this one is WTAR-3. I've  
seen them use a slide sim-  
ilar to this---wd)  
0620 WBRZ-2 Baton Rouge(first  
time via Ms)  
0640 WCIV-4 Charleston(5 sec)  
0742 CBWT-6 Winnipeg(CBC tp)
- 12-16 Ms 2200 WSYR-3 Syracuse(First  
Ms i.d. during regular pro-  
gramming hours)
- 12-19 Ms 0352-0408 WCVB-5 Boston T  
0421 WTAR-3 Norfolk(TV3 Part  
of Your Life & lighthouse at  
left.) (Their call is at the  
bottom of the slide but it's  
very small--wd)  
0510 WRC-4 Washington, D.C.  
0515 WTAE-4 Pittsburgh T  
0524 WSYR-3 Syracuse, N.Y.  
12-21 Ms 0353-0402 WCVB-5 Boston T  
0420 Unided ch.4 tp.  
0458 WTVR-6 Richmond, Va.  
(No.18 via Ms)  
0516 WFSB-3 Hartford, Ct.  
0531 WSYR-3 Syracuse, N.Y.  
0500-0530 Sunrise Semester  
WCAX-3 Burlington, Vt. T



Shults; continued---

12-22 Ms 0456	WPVI-6 Philadelphia	12-22 Ms 0540	WSYR-3 Syracuse, N.Y.
0507	KYW-3 "	0653	WDSU-6 New Orleans, La.
0524	WEZ-4 Boston T	0703	Unided ch.6; tp looked
0531	Unided ch.2; Uncle Bobby	like one used by WCID; S.	
	Show; WCBD Charleston??	12-23 Tr 1000	KRIN-32 Waterloo, Ia.
0532	WCBS-2 New York T	12-30 Tr 1800	KTSE-27 Topeka, Ks.
0540	WSYR-3 Syracuse, N.Y.	2128	WKBD-50 Detroit, Mi.
0545	WRC-4 Washington T	2130	WTVS-56 "
			WXDN-20 "
			2225 WHAS-11 Louisville, Ky.

"I believe that on 12-27 there was weak Es on ch.2 during early evening hours. On Dec. 12, I received a pleasant call from Chuck Sampson and discussed the currant meteor shower(Geminids). A note on ch. 7 vertical polarized antenna pointed at WLS-7. I received WLS via vertical but was doing so in an attempt to reduce cci from KHQA-7 Quincy off back side. Apparently KHQA also turns over on its 110 mi. path. I also received KWVL-7 while pointing at Chicago on vertical 14 element. Phase nulling using two antennas would probably work better although adding vertical elements would add signal strength to a given station. I have spent more early morning hours viewing meteor scatter stations in December than I have at any other previous time. Although most viewing was done on low band, I did receive a couple of unided test patterns." (You sure have done well with Ms so far Marvin; keep up the good work--wd)

John Robertson; 6065 Gardner Line, Crosswell, Mi. 48422 EST-EDT

8-24 Tr 0408	WHIO-7 Dayton, O.(240)	9-19 Tr 0135	WLWI-13 Indianapolis(290)
8-25 Tr 0210	WISN-12 Milwaukee(260)	9-27 Tr 0105	" " "
8-26 Tr 0228	" " "	10-5 Tr 0310	WHIO-7 Dayton, O.(240)
	1600 WQED-13 Pittsburgh(230)	10-6 Tr 0115	WCPO-9 Cincinnati(280)
8-27 Tr 0025	WHEC-10 Rochester(240)	10-17 Tr 0105	WTRF-7 Wheeling(230)
8-30 Tr 0125	WSTV-9 Steubenville(230)	10-23 Tr 0105	" " "
9-6 Tr 0147	" " "	10-28 Tr 0150	WHEC-10 Rochester(240)
9-12 Tr 0110	WROC-8 Rochester(240)		0200 WENS-10 Columbus(220)
9-16 Tr 0055	WENS-10 Columbus(220)	11-4 Tr 0223	" " "
	0100 WLIC-11 Pittsburgh(230)	11-8 Tr 0225	CKNC-9 Sudbury, On.(250)
9-19 Tr 0115	CJOH-TV-6-6 Deseronto(200)	11-11 Tr 0228	WENS-10 Columbus(220)

R.W. Lord; 4129 N. Bell Ave., Chicago, Ill. 60618 CST

12-4 Tr 1835	WICS-20 Springfield, Il.	2323(180)	12-9 Tr 2058	WHBF-4 Il.4432
12-6 Tr 1308	WBGU-57 Oh. 3535(195)		12-11 Tr WGVG-35	Mi. 5555(120) (120)
	1312 WKBF-61 Oh. 4555(305)		Tr 1435	WZZM-13 Mi. 5555(120)
	1331 WUAB-43 Oh. 5555(305)		12-22 Tr 1626	WICD-15 Il. 2322(130)
	1401 WGTE-30 Oh. 5555(210)		12-30 Tr 1448	WBGU-57 Oh. 1111(195)
	1415 WVIZ-25 Oh. 3332(305)			1449 WDHO-24 Oh. 4555(210)
	1431 WAKR-23 Oh. 3322(320)			1502 WGTE-30 Oh. 4555(210)
	1451 WDHO-24 Oh. 5555(210)			1505 WUHQ-41 Mi. 5555(130)
	1508 WKAR-23 Mi. 4555(185)			1507 WGVG-35 Mi. 4555(120)
	1514 WEYI-25 Mi. 4555(210)			

Log now at: 48

(Thanks for the report R.W.; hope you had a nice Xmas also, and have lots of DX in 1975---wd)

Paul E. Petosky; 712 Brook St., Munising, Mi. 49862 EST (906)-387-4712

12-4 Tr 0110	CELAT-13 Geraldton(230)	12-5 Tr 0200	WCIU-26 Chicago(315)
	CELAT-1-8 Manitowadge(199)		WXXW-20 " "
	CELAT-2-12 White River(165)		WISN-12 Milwaukee(235)
	CELAT-3-9 Wawa(140)	1930	WPNE-38 Green Bay(145)
	CELAT-4-11 Marathon(160)		WGTU-29 Traverse City(135)
12-5 Tr 0145	WFLD-32 Chicago(315)	12-9 Tr 2300	WPNE-38 Green Bay(145)
	WTMJ-4 Milwaukee(235)	12-22 Tr 0345	WITI-6 Milwaukee(235)
	WITI-6 " "	1-4 Au 0130	Unideds ch.2-6;N.
	0200 WMTV-15 Madison(274)		

"Trop Haven reports; "All Quiet On The Western Front"--the best trop opening occured on December 5th in the Northern Great Lakes area---lets hope

Petosky; continued---  
the early part of 1975 provides some interesting dx for all of us."(Amen---wd)

(Paul also sends along an interesting article from the Dec. 16th edition of Broadcasting Magazine.--wd)

"The newsweekly of broadcasting and allied arts--Call letters were assigned to: channel 6, Alpena, Michigan (Thunder Bay Broadcasting Corporation) WKBK-TV.

Channel 6 will offer Public Television for Northern Michigan and will be a full-color satellite station beaming about 125 hours of programs per week to a potential audience of some 300,000 people, about 60,000 of whom are elementary and secondary school children.

As a satellite, Channel 6 will carry the full service of WCMU-TV(Channel 14), located on the Central Michigan University campus. In addition, Channel 6 will carry the programs recorded at the Channel 14 studios especially for audiences in the North. Three maintenance engineers will be employed at the Channel 6 site in Alpena, Michigan.

The WKBK-TV facility will consist of a 1,349 foot tower (the tallest in Michigan) and transmitter located nine miles north of Atlanta in Montmorency County.

WKBK-TV's full power VHF signal will cover a radius of about 80 mi., reaching to Traverse City on the West, to Gladwin on the South, just beyond the Straits of Mackinac on the North and beyond the shores of Lake Huron to the East.

Like all public television, WKBK-TV will transmit commercial-free programming, about 12 hours per week of it originating from the Mt. Pleasant studios. Included will be television classroom instruction that may be taken for credit at Central Michigan University."

The latter information came to me from a brochure that was received from WCMU-TV in April, 1974, as I had requested information on this new tv station.

Gary Olson; 1203 Kenton, Deerfield, Il. 60015 CDT

6-1 Es WTVJ-4 Miami, Fl. <u>Tent.</u>	7-22 Es WOAI-4 San Antonio, Tx.
6-5 Es WSAV-3 Savannah, Ga. <u>Tent.</u>	7-24 Es WCIV-4 Charleston, S.C.
Also, unids chs.2-4.	8-5 Gw WMSH-46 South Bend, In.
6-22 Es Unids on chs.3 & 4.	10-27 Tr <u>CKGN-29</u> Oil Springs, Ont.
7-21 Es KACB-3 San Angelo, Tx.	

"---1974 was kind of a lost year dx-wise for me. Conditions were down and the saturation of VHF and UHF stations in this area has made dxing less of a fun proposition. The Chicago stations(less than 20 miles away) stay on 20-24 hours a day and this destroys my chances for a lot of needed stations.

My job has required more traveling than in the past but that really hasn't prevented me from being active. I guess I've just temporarily lost interest. But I am sure I'll be back active again one of these days. All it takes is one good opening.---

James Gould; R.R.#3, Kokomo, In. 46901 (317)-452-9585 EST

12-12 Tr 2345 Ø cci qrm on WCIU-26,SSW.	12-20 Tr 2300 <u>KRIN-32</u> Ia. 3311(320)
12-13 Ms 2235 unided bursts on chs.9, 10, 11 & 12.(tropo condx weak)	(K32AA went off 12-14---wd)
12-14 Ms Unided on ch.12(color bars) at 0630.	12-26 Tr 0800 WAAY-31 Al. 2233(410)
0900 Unided bursts on ch.5.	0810 WBMG-42 Al. 1233(490)
Es 1125 Unideds on chs.2-5; SW.	1030 WMSL-48 Al. 2424(410)
12-15 Ms 1607 Unided ch.3(tennis match) SSE.	1900 WSVN-47 Va. 3513(317)
	2030 WBRE-28 Pa. 2510(536)T
	2200 WVVU-24 W.Va. 3521(332)
12-16 Tr 1100 KOLR-10 Mo. 3010(445)	12-28 Tr 1400 WAAY-31 Al. 2322(410)
12-18 Tr 2030 WAAY-31 Al. 1212(410) T	1401 WFIQ-36 Al. 2325(405)
12-20 Tr 2100 KOLR-10 Mo. 3020(445)	1403 WBMG-42 Al. 3534(490)
	1547 WHMA-40 Al. 1335(482)

Gould; continued---

12-28 Tr 1610	WHIQ-25 Al.	3523(410)	12-30 Tr 1840	WQLN-54 Pa.	2434(338)
1700	WSVN-47 Va.	4534(317)	1945	WUNL-26 N.C.	4521 T
2100	WVVU-24 W. Va.	5544(332)		WRDU-28 N.C.	4520(522)
	WBRE-28 Pa.	5531(536)			(same offset as WSJV)
12-29 Tr 0150	WTWK-26 Tn.	3515(346)	2000	WREH-36 N.C.	2424 T
1845	KOLR-10 Mo.	4521(445)	2005	WTVI-42 N.C.	3522 T
2330	KODE-12 Mo.	3522(510)	2100	WXII-12 N.C.	5541(440)
2333	Unided ch.12	WSW.	2130	WBRE-28 Pa.	0520(536)
12-30 Tr 0100	KOAM-7 Ks.	3432(508)	2240	WHLA-31 Wi.	3541(339)
0102	KWWL-7 Ia.	5541(340)	2245	KRIN-32 Ia.	5531(320)
0136	KTHV-11 Ar.	3522(520)	2300	Snowfree signals in	
0627	WLOS-13 N.C.	5544(400)		every direction on VHF.	
0647	KMBC-9 Mo.	4541(458)	2320	KMEG-14 Ia.	4532(540)
0720	Unid-11 LHPT no call; SW.		2325	WENY-36 N.Y.	2432(490)
	Unid-5 color bars; WSW.		2332	WP GH-53 Pa.	4535(320)
0745	KBMA-41 Mo.	5555(458)	0123	WJHL-11 Tn.	5534(360)
	KTSB-27 Ks.	3533(510)	0124	WBIR-10 Tn.	5533(346)
0803	WAAY-31 Al.	1322(410)	0132	WTAJ-10 Pa.	5531(425)
0855	KMTC-27 Mo.	4542(445)	0150	WFFP-45 Md.	1225(508)
0900	KOED-11 Ok.	5531(613)	0152	WJET-24 Pa.	4535(338)
1200	K.C.&Topeka stns.	snowfree	0156	KELO-11 S.D.	4534(587)
1257	WTWK-26 Tn.	4543(346)	0203	WTCN-11 Mn.	3543(480)
1830	WVVU-24 W. Va.	3522(332)	0215	WKBW-7 N.Y.	3543(404)
				Log now at:	469

The alarm didn't go off at 0600 hours Dec. 31 A.M., so I don't know what the bend was doing early, but it was totally dead by 0900. This opening had to be one of the best in the last two years. There wasn't much distance here, because I was in the middle of some very long, high signal paths. Cooper should have been on the end of one path on the morning of the 30th taking him into North Carolina and Virginia. As the day progressed the path strengthened to the East, and expanded to the Northeast, possibly allowing an Oklahoma to New Jersey & Eastern Pa. path. The evening of the 30th saw conditions dissipate from here to Oklahoma, & move Northward into Eastern Nebraska & S. Eastern S. Dakota. Through most of the evening signals from Iowa, Missouri, Eastern Tennessee & Kentucky, and WXII Winston-Salem, N.C. produced signals comparable to locals \*(6,8&13) 48 miles away. Every dxer East of the Rocky Mtns. should have had a piece of this opening (deep South excluded for a change.) \*(measured on first agc line of receiver). For the record, the high pressure area that produced these conditions was a some-what rare "Pacific" high that managed to make it through the Rocky Mts. Usually, highs this time of year are from Canada through the Mid-West. So far, this winter, an unusual jet stream flow from Mexico into the Mid-West has produced unusual weather movement, and unusual tropospheric dx. All in all, a good way to end a bad year."

Paul Gaines; 15920 Puritan St., Detroit, Mi. 48227 EST (313)-UN1-6321

11-15 Ms 0300	WJXT-4 Fla.	1012 (850)	12-15 Tr 0418	WCBS-2 N.Y.	1122 (500)
12-6 Tr 0106	WLKY-32 Ky.	2221 (320)	12-31 Tr 0210	KCRG-9 Ia.	1021 (410)
12-11 Ms 0326	WJXT-4 Fla.	1012 (850)	1-1 Tr 0340	WDSM-6 Wi.	1022(520) T

(Sorry to hear of your recent misfortunes Paul; hope 1975 is a lot better--wd)

William J. Draeb; Ellis St. R.R.#2, Kewaunee, Wi. 54216 CST (414)-388-2350

12-13 Ms 0452	WCBS-2 New York, N.Y.	(740)	12-28 Tr 2000	Scranton U's	(630)
	KYW-3 Philadelphia	(702)		WUTV-29 Buffalo	(445)
	2022 Unid-4 "Family Affair"; Nw		12-29 Tr 0210	CKNC-9 Sudbury	(350)
12-21 Tr 2227	KRIN-32 Waterloo, Ia.	(268)		CKNC-1-7 Elliot	(270)
	(on with regular programming;		0730	WUAB-43 Lorain	(340)
	seen daily here, most of the			WKBF-61 Cleveland	(355)
	time with a watchable signal)		1550	KVFD-21 Ft. Dodge	(365)
12-26 Tr 1910	WVIZ-25 Cleveland	(355)	1633	WDSU-34 Columbus	(395)
	WUAB-43 Lorain	(340)	1637	WKEN-29 Youngstown	(420)
12-27 Tr 1755	KDNL-30 St. Louis	(432)	1640	WUTV-29 Buffalo	(445)
	1834 WDSU-34 Columbus	(395)	1644	CICA-19 Toronto	(410)
12-28 Tr 0900	Cleveland U's		1807	Dayton U's	(368)

Draeb; continued---

12-29 Tr 1913	KDNL-30	St. Louis(432)	1-1 Tr 2107	KDNL-30	St. Louis(432)
12-30 Tr 0815	WKCF-22	Dayton(368)	1-2 Tr 1815	"	"
	WXIX-19	Cincinnati(400)		Dayton U's(368)	
	WOSU-34	Columbus(395)		WOSU-34	Columbus(395)
	WMUL-33	Huntington(498)	1836	WMUL-33	Huntington(498)
	WPBO-42	Portsmouth(461)		Cleveland U's(355)	
0827	WTIU-30	Bloomington(376)	1-4 Tr 1821	"	"
1133	WLKY-32	Louisville(437)	1-5 Tr 1927	"	"
	WDRE-41	"		WOSU-34	Columbus(395)
	WKYT-27	Lexington(473)	1-9 Tr 1556	WKSO-29	Somerset(538)
	WQTV-62	"		Dayton U's(368)	
	WTVK-26	Knoxville(626)		WLKY-32	Louisville(437)
1641	WUTV-29	Buffalo(445)		WDRB-41	"
1657	WKSO-29	Somerset(538)		WKLE-46	Lexington(473)
1727	WOET-16	Kettering(368)		WQTV-62	"
1832	Cleveland U's		1644	WLEX-18	"
	WKBN-27	Youngstown(420)		WKYT-27	"
1935	WRDU-28	Durham(742) <u>T</u>	1803	WXIX-19	Cincinnati(400)
	(appeared to be same offset as WSJV)			WCET-48	"
1952	WRFT-27	Roanoke(638)		WKON-52	Owenton(437)
2136	WDXR-29	Paducah(522)		Indianapolis U's(336)	
	Evansville U's(420)		1951	WKZT-23	Elizabethtown(473)
	WUSI-16	Olney(402)		WOSU-34	Columbus(395)
	WIIL-38	Terre Haute(348)		WMUL-33	Huntington(498)
2159	WVUT-22	Vincennes(405)	2119	WPBO-42	Portsmouth(461)
12-31 Tr 1656	WKBN-27	Youngstown(420)		Cleveland U's(355)	
1-1 Tr 1915	WOET-16	Dayton(368)		WJET-24	Erie(405)
	WXIX-19	Cincinnati(400)		WSEE-35	"

"I finally got my CMA-Ub back from Blonder Tongue on 12-21. It turned out that one of the transistors was bad. I knew there was something wrong as it didn't seem to have as much gain as when I first got it. I was using my old CMA-U from 11-18 to 12-21.

After weeks of above normal temperatures(in the 30's and 40's for highs) winter finally arrived with a bang on 1-11 around 3 a.m. The barometer had sunk to 28.95 and all of a sudden the Arctic air moved in with winds which gusted to 70 mph +. Our antennas are still all in one piece but the mast which holds my low band yagis bent about 40 degrees. I t will have to be fixed as soon as the weather warms up. The temperature today(1-12) only got as high as +3 degrees which is a little too cold for antenna repairing. Our tower, dish and hi-band yagis didn't sustain any damage, fortunately.

Paul E. Petosky; 712 Brook St., Munising, Mi. 49862 EST

1-5 Tr 1920	WVTV-18	Milwaukee(235)	1-5 Tr 2150	WOTV-8	Grand Rapids(235)
	WPNE-38	Green Bay(145)		2245	WHIO-7 Dayton(470)
1930	WHA-21	Madison(274)	1-6 Au 1830	chs.2-6	unided; N.
1940	WGTV-29	Traverse City(135)	1-11 Wx 0035	46	degrees outside; barometer 28.80 and falling.
2135	WUHQ-41	Battle Creek(285)	1-12 Wx 0130	9	degrees below zero; barometer 29.80 and rising.
	WGVC-35	Grand Rapids(240)			
	WZZM-13	" " "			

George Josephs, Official-in-Charge of the U.S. Weather Service office in Marquette, Mi., announced Jan. 9th, 1975 that their VHF-FM weather band went into operation at 1315 operating on 162.55 mhz. This weather band is capable of 24-hour operation and is operated out of Marquette, Mi. by the National Oceanic Atmospheric Administration (national weather). The VHF FM weather band has the call letters of KLG 66 and operates with 330 watts of power and will cover a radius of 50 miles from Marquette, Mi. The weather band will have continuous broadcast (average of 4 to 6 minutes) each and will keep repeating continuous local weather summary, local and state forecasts, extended outlooks and any specialized forecasts such as marine,

Petosky; continued---  
fire-weather forecasts and a variety of other weather activities. The special feature of the VHF-FM weather band is that with a receiver capable of receiving this information they can tone activate in the event of severe weather conditions.

Donald B. Ruland; 4448 68th Place, Kenosha, Wi. 53140 CST

12-30 Tr 0500	WENS-10 Columbus(320)	12-30 Tr 2000	WUAB-43 Lorain(310)
	WHAS-11 Louisville(330)		WKPT-19 Kingsport(510)
0505	WJW-8 Cleveland(330)	2030	WSVN-47 Norton(480)
0540	WFMJ-21 Youngstown(380)		WCET-48 Cincinnati(300)
0545	WKEN-27 " "		WKON-52 Owenton(330)
0547	WLEX-18 Lexington(360)	2100	WUNF-33 Asheville(570)
0558	WKYT-27 " "	2125	WKYH-57 Hazard(440)
0630	WLKY-32 Louisville(330)	2225	WXLO-62 Lexington(360)
0632	WYTV-33 Youngstown(380)		(I thought they were WQTV--wd)
0655	WOSU-34 Columbus(320)	2230	WBRA-15 Roanoke(560)
	WPBO-42 Portsmouth(370)	12-31 Tr 0415	WKYC-3 Cleveland(330)
1955	WNEO-45 Alliance(360)		WJW-8 " "

"Log at 369, 3 new---Dec. 30 opening prevented '74 from being a total bust, tropo-wise."

Ted Fleischaker; 3023 Tremont Drive, Louisville, Ky. 40205 EST

"Allow me to introduce myself--I am Ted Fleischaker, new Southern FM DX Editor as well as professionally frustrated journalist--public relations man. Thought I might try to get in a report in TV this month as did have one bright day in a world of mess, static and snow, lines and yuk. Hope I made the deadline(your report arrived on the 14th--wd)as thought of it late and note had just to the 12th to get this to you--maybe the airmail worked since the 12th was a Sunday!" At any rate enough BS, here's the report: A lousy month, except Dec. 30--which made the old year go out like a winner with 10 loggings---several new ones. All reception was Tr that I could tell and did hold well---"

12-30 Tr 0952	WLOS-13 Asheville, N.C.	12-30 Tr 1944	WTHI-10 Terre Haute, In.
	(also seen at 1930)		1859 WLWT-5 Cincinnati, Oh.
1800	WQAD-8 Moline, Il.		1730 WTVW-7 Evansville, In.
	(local news)		2000 WWIN-9 " "
1802	WISH-8 Indianapolis, In.		2330 WBIR-10 Knoxville, Tn.
	(local news)		
1900	WTTV-4 Bloomington, In.		(a good report Ted, hope to
1803	WTWO-2 Terre Haute, In.(news)		hear from you again soon--wd)

"The antenna is a Channel Master deep fringe aimed northwest. TV is 10 year old RCA color console.

Thanks much--good luck in 1975(same to you--wd)--by the way, was not sure if I was Eastern or Central DX(you picked the correct one--wd)but figure if I'm on the Indiana border in Ky, I can get by as Central. By the way, WEEQ, as you noted in Dec. WUD is off the air I am told by a friend who works at WEEK (25-Peoria) which is owner and main station of that satellite station. Used to catch them at times from college as I am a grad of Bradley in Peoria."

For those Dxsers who are in doubt as to which editor they should send their TV reports; the Central TV DX Column is for dxers in WISCONSIN, MICHIGAN, ILLINOIS, INDIANA, OHIO, KENTUCKY, TENNESSEE, MISSISSIPPI, LOUISIANA, ALABAMA, WEST VIRGINIA and Western PENNSYLVANIA.

73's and good dx until next month.

Bill

# WESTERN TV DX

January 1975

Dennis Park Smith  
2237 1/2 Ceres Avenue  
Chico, California 95926  
Telephone 916 343-9424  
Deadlines: 9 Jan, 10 Feb

There still hasn't been much tropo--just a little around 18-19 and 21-22 November. Sporadic-E was still on top of things, however. As noted last month, the second half of October was good for Es, with some all the way to the 31st, but the first half of November was almost devoid. THEN, after 15 Nov, almost every day had some TV Es reported somewhere in the Western region, and some days had MUF into FM. While most Es openings were in the evening--usual for this time of the year, some was monitored at almost any time of day.

	eve	eve	eve	am	eve	am	eve	noon	eve	am	eve	eve	am	am-aft	eve	eve			
Sporadic-E November	8	9	16	17	17	18	18	19	19	20	22	22	23	24	25-25	25	26		
Number of reporters	1	1	2	1	4	1	1	1	1	1	3	4	1	1	3	1			
MUF at least(ch/MHz)	2	2	4	5	10	6	2	5	2	8	5	2	4	4	6	3	4-1073	3	2
	am-noon	am	eve	aft-eve	aft-eve	noon	eve	aft	eve	eve	eve	eve	eve	eve	eve	eve	eve	eve	eve
	27-27	28	28	29-29	30	30	Dec	1	1	2	2	2	2	2	2	2	2	2	2
	1	1	2	2	3	4	4	1	3	2	3	3	1	1	1	1	1	1	1
	3-5	3	2	2	2	1003	6-1079	2	1005	5	4	3	3	3	3	3	3	3	3

(First, a report from Idaho, catching up on last spring's DX:)

Robert J. Williams, 251 6th Avenue East, Twin Falls, Idaho 83301 (Feb - 21 Jun) (MDT)  
Equipment includes Curtis-Mathes 21" color TV-combination, 17-el. outdoor antenna, various other antennas, Jerrold "Powermate" preamp.

Mr14	tr	2330	KAID-	4	Id	(tp)	19	tr	0150	KPVI	6	Poc	ID	6	Es	1117	WREC-	3	Memphis	TN										
15	tr	1213	KAID-	4	Id	(tp)	20	Es	1745	KNXT	2	L.A.	CA							(new state)										
16	tr	am	KITC	6	ID		22	Es	1200	KPRC	2	Houston	TX							KansCityMO										
Ap24	Es																			1227	WDAF-	4	SpringfieldMO							
																					x1300	KYTV	3	Dallas TX						
																					1400	KDFW-	4	Midland TX						
																					8	Es	1630	KMID-	2	Sangelo TX				
																						1658	KACB	3	Duluth MN					
																						x1700	KDAL-	3	Tulsa OK					
																							1712	WOAI-	4	StJosephMO				
																							1819	KOTV	6	Omaha NE				
																						2100	KQTV	2	StJosephMO					
																							2122	KMTV	3	Minn. MN				
																							9	Es	0940	WCCO-	4	Duluth MN		
																								1030	KDAL-	3	Manitoba			
																								1104	CBWT2-	4	Lac du Bennet N			
																												1200		
																													1200	
																													1329	
																														1329
																														1329
																														1826
																														2121
																														2011
																														2100
																														1958
																														2100
																														1958
																														20
																														21

(This report just missed last month's column:)

Jim Pizzi,	300 Park, Orcutt,	California 92454	(October)	(PDT; PST 27 Oct on)
Equipment includes	7' UHF dish, Jerrold	UHF De-Snower amp, Jerrold	PIX-225,	
10-el. high-band yagi,	10-el. ch-4 yagi,	10-el. ch-5 yagi.		New, or new mode.
All trop loggings	are within California	plus Tijuana; all Es are	other states.	
1 LS	1925 KTXL 40	Sacramento (1)(tr)	1957 KCET	28 Los Angeles (2)(tr)(1940)
	1930 KMUV 31	Sac. 4555N	KBSC 52	2 tr 1955 KMOA Monterey
	1945 KBHK 44	San Fran.	KWHY 22	(of KGSC 36)
	1947 KEMO 20	San Fran.	2000 KCST	39 San Diego 2213 K74CS Bradley
	(rarelec.storm, to n.e.)		(trop why fading due to	(of KQED 9)
tr	1952 KVST 68	Los Angeles	w/ front (unstable) to so.)	4 tr 2127 KHOF-30 SBRnardino
	KLCS 58	"	2 tr 1940 KMUV 31	Sac'to 2308 KMUV 31 Sac'to
	KLXA 40	"	KBHK 44	San Fran. (3/4 CB) 4325
	KMEX 34	"	KVOF 38	San Fran. 2311 KGO - 7 San Fran.

2 tr 1850 KWHY 22 L.A.	(12)(tr)(2035)(KØ8FL)(ofKEYT3) 3033	28 Es 1620 unId
1851 KCET 28 L.A. 4555	14 Es 2013 KMID- 2 Midland TX	1830 KENW 3 4134N
1859 KBSA?26 L.A. tent.	2015 unId- 4 (TX wx)	Portales NM
1900 KHOF-30 S.B. 4555	2020 (Sp.) 2 (XEPM?)	1849 unId 2 (Canada)
1902 KVST 68 1926: 4555	tr 2055 KMUV 31 Sac'to	1850 KDFW? 4 CBS (tent)
KMEX 34 L.A.	Es 2103 (NBC) 4 n.n.e.	1851 KMID? 2 NBC (tent)
1903 KBSC 52 1925: 4555	2325 KOAI 2 AZ 4034	KGNC? 4 NBC (tent)
1924 KVCR?24 S.B. tent. 15	Es 2000 unId 4 (Spanish)	1900 unId 4 ("chs 9&4")
1926 KLGs 58 L.A. 4555	2001 unId 2 (Spanish)	30 tr 1850 KVIE 6 (KSBY off)
1935 KABC- 7 L.A. 4544	2004 KMID- 2 Midland	Sac'to 1434N
1938 KXLA 40 L.A. 3155	2011 unId 4 (XHBS?)	1851 XETV 6 0333
1945 K10—SLuisOb. 4354	19 tr 1833 K74CS Bradley 3455	Tijuana BCN
2001 K10—Santa Ynez	2100 KFMB- 8 San Diego	1900 KPXI 5 San Fran.
2100 KBSA 46 L.A. 2245	KGTV 10 San Diego	KMUV 31 Sac'to
2115 KHJ - 9 L.A. 4554	26 tr 1820 KVOF 38 S.F. 2035	KTXL 40 Sac'to
2300 KWHY 22 L.A. 3335	KBHK 44 S.F. 3345	1902 KEMO 20 S.F. 2325
KXLA 40 L.A. 4555	1824 KQED 9 S.F. 2333	KVOF 38 San Fran.
12 tr 2035 KØ8FL 8 RinconPeak	1852 unId 2 (Spanish)	1903 KBHK 44 San Fran.

October was a good DX month for me, even with a limited time as the report shows. 5 new bring the total to 149. 10/14 Es reception of KOAI may have been by back scatter; it was unusually short skip at that late hour and noticed carrier of KMID-2 at 2300. 10/9 was the best Los Angeles trop duct seen here—from high-pressure system off the coast with 70% humidity. L.A. U's 28,34,40, 58,68 have at least some signal every day. KMUV 31 Sacramento (a new-on-air all-movie station) is seen 6 out of 7 days here so far. Finally got KØ8FL & KVIE 6 after looking for a long time. The 10/1 lightning—scatter was the first such LS for me; I've found that by tuning AM radio to 540 kHz, you can hear the lightning and watch the TV for LS burst, which confirms that it is LS reception. 73.

Steven C. Wiseblood, 707 Loma Way, Santa Maria, California 93454 (7 Nov - 9 Dec) (PST)

Equipment: ACA VHF 25-el. AC-525 and AC UHF 22-el. at 30 feet	New, or new mode.
7 tr 1957 KFMB-8 CA 3344R230	18 Es 0830 unId-2 weak, s.e. (30)Es 1428 WOAI-4 TX (TV-4)329
8 Es 1645 CFAC-2 Alta T1157	1915 KMID-2 TX 1066 2Es 1459 WESH-2 FL 2370
1850 unId 2 weak, n.e.	(inagn2014:Big-2Nx) (end"BornFree"Id,1500
9 Es 2024 KATU 2 OR T	1955 unId 4,5 weak
10 tr 0917 KRON-4 CA 3444R228	2Es 2020 KARK-4 Ar(new,tent.)
0919 KTVU 2 CA 2554 230	19 Es 1213 unId 2 weak, s.e.
0921 KSBW-8 CA 5555 130	20 Es 0800 unId 2 weak, s.e.
0928 KMST 46 CA 2345 125	22 MS 0748 KBOL-2 BoiseID 643
1015 KGSC 36 CA 3455 190	tr 0756 KTVU 2 CA 3444 230
1036 KXTV 10 CA 2334 245	Es 1758 XHI? 2 (until 2030)
2044 KMJ-24 CA 4555 165	23 tr 1030 KFMB-8 CA 24341030
2055 KJEO 47 CA 3345 165	Es 1847 KMID-2 TX 1066
2137 KFTV 21 CA 1445 165	1920 KDBC?4 TX T 829
11 MS 0838 KUTV 2 UT T	1925 XEJ ?5 CJuarezT
13 MS 0821 KUTV 2 UT 612	1946 Ch2(SS-baseball: (WorldSeriesreruns)
0830 KTVQ 2 MI(Q-2) 970	1952 Ch2 (SS-soccer)
14 MS 1146 KREM-2 WA 899	1959 unId 4 (SS)
unId 2 (CBS)	2030apx, f/out
tr 1126 KQED 9 CA 3554 228	24 tr 2203 KQED 9 3544 228 CA
1142 KGO -7 CA 1544 228	25 tr 1528 KJTV 17 CA 2455 100
1555 KFMB-8 CA 3444 230	1834 KMST 46 CA 3455 125
2056 KSBW-8 CA 5555 130	26 tr 0751 KMJ-24 CA 4555 165
15 tr 0756 KTVU 2 CA 3534 230	1110 KNTV 11 CA 5555 175
1940 KSBW-8 CA 5555 130	KSBW 8 CA 5555 130
1944 KGO -7 CA 1545 230	27 tr 1547 KFMB-8 CA 3434 230
16 tr 1055 KSBW-8 CA 5555 130	1730 KSBW-8 CA 5555 130
1057 KNTV 11 CA 5555 175	28 tr 1050 KTVU 2 CA 2544 230
17 tr 1125 KSBW-8 CA 5555 130	29 tr 1534 KGO -7 CA 3535 228
Es 1947 KMID-2 TX 1066	(hvy haze & smoke)
2036 unId 2 (SS-movie)	30 Es 1354 Ch2s.e.(rapidfade)
2048 unId 4 (EE movie w/SS subtitles)	1413 Ch2-5s.ed(allTexas)
	1 Es 1206 unId 2 s.e.
	tr 1635 KFMB-8 CA 3413 230
	2 Es 1445 unId 2 (cartoons)
	2 GW 1350 KCOX-12(off air)
	1607 KSBY-6 (off air)
	5 tr 1121 KTVU 2 CA 2423 230
	1425 KJTV 17 CA 2555 100
	1915 KNTV 11 CA 3354 175
	7 tr 0810 KSBW-8 CA 5555 130
	KNTV 11 CA 4555 175

On Nov. 30, there was a 5½-hour Es opening with MUF near 102 Mhz. I got Arizona for state 73. WESH-2 (2370 mi) was in for about 40 minutes, at first by itself, then at about 1504 WESH audio with KMID video. There was a strong windstorm on Dec. 3 with winds up to 50 mph and over 3½ inches of rain in the evening; local TV's off air. 73's.

Glenn Hauser, 1312 West Oak Avenue, Enid, Oklahoma 73701 (7 Nov - 7 Dec) (CST)

17 Es 1929 WSB ?-2 Atlanta GA	30 Es 1558 unId 2 Cuba? (anncg pgm substi.)
1930 WEDU 3 Tampa FL (to 2115)	1603 WEDU 3 Tampa FL (to 1830+)
1954 WJXT 4 Jacksonville FL	1625 WKRG? 5 Mobile AL
1959 WPTV 5 Palm Beach FL	1623 WEAR?-3 Pensacola FL(AL)
2014 WRBL- 3 Columbus GA	1639 WPTV 5 Palm Beach FL
2023 WOTV? 6 Tallahassee FL (MUF 95.3)	1650 WESH- 2 Daytona Beach FL (1800+)
WUFT? 5 Gainesville FL (area FMs in)	1651 WDBO? 6 Orlando FL (MUF 107.9..)
2123 WCIX? 6 Miami FL (Miami FMs in)	1756 XHBC- 3 Mexicali BCN
2148 WTVJ 4 Miami FL (CBS News)	1758 XETV 6 Tijuana BCN (video only)
2232 KEYT? 3 Santa Barbara CA	1813 KVOA- 4 Tucson AZ
tr 2308 KCRG- 9 Cedar Rapids IA	1820 KTVK 3 Phoenix AZ (AZ MUF 102.5)
18 tr 0037 KETV 7 Omaha NE	1845 WTVJ 4 Miami FL (area FMs in)
0052 KYTV 3 Springfield MO	WPBT? 2 Miami FL
19 tr 0055 KSNB 4 Superior NE (0110 s/off)	1859 WCIX 6 Miami FL (video only)
0101 WPSD 6 Paducah KY (s/off; TP)	1927 XEW - 2 Mexico DF (//3, Televisa)
0115 KETV 7 Omaha NE (0138 s/off, TP)	(2045MUFbacktoch2, MexMUFwas102.7)
0115 WOW - 6 Omaha NE (off 0135)	1927 XHGC? 5 Mexico DF
23 Es 1902 WCBQ- 2 Charleston SC	1945 XHW - 2 Guadalajara Jal (FMs&ch5in)
2103 WEDU 3 Tampa FL	1954 XEHL- 6 Guadalajara Jal (2000 Id)
WPBT? 2 Miami FL	2019 XHG - 4 Guadalajara Jal
WTVJ 4 Miami FL	1 Es 1731 XEZ - 3 El Zamorano Qro
25 Es 1903 X---? 2 (unId)(2net) (1930 out)	1827 XEW - 2 Mexico DF (//3 audio)
2044 KORK- 3 Las Vegas NV	1858 unId- 2 (1901 net-2 Id. ???)
2046 KTVK 3 Phoenix AZ	XHTV? 4 Mexico DF
29 Es 1735 XHG - 4 Guadalajara Jal (t/in)	1859 XHGC? 5 Mexico DF
1736 XHW - 2 Guadalajara Jal	1900 XEFB? 3 Monterrey NL (XEZ CCI)
XEW - 2 Mexico DF	1901 XET ?-6 Monterrey NL (Mont.FMs in)
1741 XEHL- 6 Guadalajara Jal (MUF 100.3)	2000 XHG ?-4 Guadalajara (MUF 100.5)
1803 XEZ - 3 El Zamorano Qro	2 Es 1915 unId 3 (probably Mexican)
(1830 2,3,4 mostly gone)	Until the next, 73.

Bob Cooper, Jr, Route 5, Box 782, Guthrie, Oklahoma 73044 (1 Nov - 3 Dec) (CST)

This was one of the less productive Novembers in a long time; tropo in particular simply did not produce for me here. There seems to have been as much or more Es than we normally expect this time of year, although none of it produced anything new as far as stations go. The concentration of Es at the end of the month became almost monotonous evening after evening. Do you agree, Pat?

Nov 1: tropo tune-in 0710 KDML-30 MO WEEK-25 IL KIDZ 24 TX WICS 20 IL WMBD-31 IL.

Nov 6: tropo tune-in 2145 KCBJ-17 MO.

Nov 11: tropo t/in 0900 KIDZ 24 TX.

Nov 16: Es t/in 1825, chs 2, in and out for 10 minutes.

Nov 17: Es t/in 1925 WMAR-2 MD WESH-2 FL; tropo 2002 KHNE-29 KXNE-19 KYNE-26 NE;

Es 2130 WPBT 2 WEDU 3 FL; tropo 2200 KMEG 14 KVFD-21 IA KTVV 36 TX WFLD 32 WSNB-44 IL.

Nov 18: tropo t/in 0725 WMTV 15 WI KVFD-21 IA WCEB-23 IL.

Nov 19 to 22 late: out of town.

Nov 22: Es t/in 2140, chs 2 and 3 to s.w.

Nov 23: Es t/in 1844, 1930 WCBQ-2 SC WSAV-3 GA, 2000 WEDU 3 WESH-2 FL,

after 2135 weak to west.

Nov 25: Es t/in 1840, weak to east.

Nov 26: Es 1845-1900, weak ch 2, probably Miami.

Nov 28: Es t/in 1827, weak ch 2, 1900 WPBT 2 FL.

Nov 29: Es t/in 1646, weak, t/in 1721 XEW-2 XEZ-3 with many unIds (SS) until 1830.

Nov 30: Es t/in 1515, chs 2-3 e/se, 1630 WEDU 3 WPBT 2 WESH-2 FL, 1700 WCIX 6 FL

(Es peaked 107.9 Florida 1755 for 30 minutes), 1940 XHW-2 XEZ-3 XEHL-6, last Es fading around 2055 here.

Dec 1: Es t/in 1830 XEW-2 DF with others inIded to 2015 fade-out.

Dec 2: Es t/in 1717, Tele Rebelde (T)-3, 1725 ICR-2 Cuba, t/in 1910 WESH-2 FL, 1927 XHY-3, WPBT 2 FL to approx. 2015 fade-out. 73.



Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (6 Nov - 9 Dec) (CST)

Equipment: 1971 model 9-inch black-and-white Penncrest; Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor

16- Es 2035 unId 2 brief (22)tr 0830 WMAW 14 MS 610 27 Es 0920-55 un.2,3 n.w.  
 2105 unId 4 brief WMAH 19 MS T 570 1025 unId 2 brief  
 17 Es 0835-0900 2-5 n.w., WMAU 17 MS T 470 1159 KOAI 2 AZ  
 vy unstable 0835 WRBT 33 IA 450 1228 KNBC 4 CA T1190  
 0950 WESH- 2 FL 1055 0905 WBRZ 2 LA T 450 KVVU 5 NV T1040  
 1015 f/out 0943 WAPT 16 MS T 525 1229 KNXT 2 CA 1190  
 1725 unIds 2-3 Spanish 0950-1015 2-3 unIds n. KORR- 3 NV 1050  
 1740 TGV - 3 Guat T1120 1817 WRBT 33 IA 450 1330 f/out  
 1830 f/out 2005-15 2,4 unIds s.w. 28 Es 1055 unId 3 brief  
 1940 unIds 2-6 2130 KOAI 2 AZ T 855 2025 unId 2 brief  
 2010: MUF 106.9 KTVK 3 AZ T 835 29 Es 1458 WESH- 2 brief 1055  
 2010 WTVJ 4 FL T1150 KNBC 4 CA T1190 1810 unIds 2,3 Spanish  
 tr 2115 KSEL-28 TX T 340 2136 XHFA- 2 Nogales N740 1845 unIds 2-4  
 KCOB-11 TX T 340 2145 f/out 1545 much same  
 Es 2130 KLINE- 3 NE 785 23 Es 1920 unIds 2-4 vy rough 2025 f/out  
 WMT - 2 IA 945 t-storm in area with 30 Es 1445 unIds 2-4  
 2215 WLV-D 2 CH 1075 plenty of lightning QRN 30 Es 1055 unId 3 brief  
 2300 KNOF- 2 NE 815 1955 WSAZ- 3 WV 1100 1459 WDIQ 2 AL 730  
 2330 apx f/out 2023 WHIS- 6 WV 1125 1515 unIds 2-6  
 18 tr 1910 KSWO- 7 OK T 355 2145 f/out 1600: MUF well over 1073  
 KOCO- 5 OK T 420 2230 unId 2 west, brief 1850 KRMA- 6 CC(tp) 810  
 19 tr 0845 KSWC- 7 OK T 355 24 Es 0829-50 un.2,3 west 1913 KTWO- 2 WV 1015  
 KTVT-11 TX 240 (Ch2had 3/LCB& just as they 1955 WDIQ 2 AL  
 Es 2000 KDIX- 2 brief 1225 super! Ha strong  $\phi$ -CCI 1959 WSAV- 3 GA 1050  
 2040 unIds 2-6 RETMAtpw/oIDburied them) 2005 XHBS- 4 Sin T 700  
 2150 KVCA- 4 AZ T 750 25 Es 1128 WSB - 2 GA 880 Los Moctis  
 2155 KOAI 2 AZ T 855 1200 WSAV- 3 GA T1050 unIds 2,3 Spanish s.w.  
 KNBC 4 CA T1190 1220 WSJK- 2 TN 1010 2050 f/out  
 2158 KTLA 5 CA T1190 1228 WESH- 2 FL 1055 1 Es 1720 unIds 2,4 s.w.  
 2200 KTVK 3 AZ T 835 1233 WTVJ 4 FL T1150 XHBS- 4 Sin T 700  
 2205 KNXT 2 CA T1190 1239 WEDU 3 FL 985 1725 KPHO- 5 AZ T 835  
 2220 YETV 6 BCN T1100 1259 KTVI 2 MO 790 1729 KNXT 2 CA T1190  
 2225: MUF to 88.5 1320 unId 3 Cuban ? 1734 KTVK 3 AZ 835  
 2235 f/out 1340 WTHS- 2 FL 1150 1800 f/out  
 21 tr 2330 WGRN-26 LA T 510 1359 WCIQ 6 FL 1150 1850 unId 2 brief  
 2333 KLNI 15 LA 395 1559 WFWO 2 IN 935 1930 unIds 2 brief  
 WRBT 33 LA T 450 1610 WTTV 4 IN T 950 2 Es 1559 KORR- 3 NV 1050  
 22 tr 0015 KPIC- 7 LA T 325 1632: MUF to 107.3 1700 f/out unId 2, all vy brief  
 0059 KALB- 5 LA 385 1700 f/out 1805 unIds 2, 3 Sp. to 1830 1915-2010 un2-least-n.e.  
 WDSU- 6 LA T 510 1805 unIds 2, 3 Sp. to 1830 7 ms 2159 KUSD- 2 SD 920  
 0105 WAFB- 9 LA 450 2000-55 2, 3 mostly s.w. 2227 WMT - 2 IA T 945  
 0800 KLNI 15 LA T 395 26 tr 1930 KSWO- 7 OK T 355 8 Es 1925-50 unIds 2, 3 n.& n.e.  
 0810 WMAO 23 MS T 570 1950 KLNI 15 LA T 395 Nov 21-22 trop very good while it

Likely the best November display of Es I've seen. Nov 21-22 trop very good while it lasted, until cold front(s) wiped it out.

Too early for many Geminid results.

Nov 17 had 50-MHz double-hop into Costa Rica so some of the Spanish TV may've been 2Es as well. 73, WA5IYX.

Best of DX to all

Dennis

# WESTERN TV DX

Dennis Park Smith  
2237 1/2 Ceres Avenue  
Chico, California 95926  
Telephone 916 343-9424  
Deadlines: 10 Feb, 7 Mar

February 1975

Western regions of North America saw only a little tropo in December, with some at the end of the month observed in Oklahoma as the only halfway decent activity. Quite a bit of meteor-scatter DX was noted, in mid-December and early January including one burst of more than a minute long. And, sporadic-E is still making news, with still quite a bit for this time of the year. Some openings have been up into the FM-broadcast band, and Pat Dyer has seen yet two more sessions going past midnight, local standard time.

	noon	eve	aft	eve	eve	aft	eve	am	eve	eve	eve	eve	eve	eve	eve	am	nite	mid+	eve	am	eve
Sporadic-E	December	1	1	2	2	8	9	11	11	12	12	14	15	16	17	18	19	20	23		
Number of reporters		2	2	1	2	2	3	1	3	2	2	3	3	2	1	1	1	1	1		
MUF at least(ch/MHz)	51005	2	3	899	3	4	1065	899	5	6	4	4	4	4	2	4	2	2	3		
am eve-mid+	am eve	am	aft	eve	eve	aft	eve	eve	eve	eve	eve	am	nite	mid+	eve	am	eve				
24	24 - 25	25	25	26	26	27	28	28	29?	30	31	Jan	1	2	3 - 4				5	6	6
3	2	1	3	2	1	4	2	1	2	1	1	1	1	1	1				1	1	1
4	989-951	5	6	5	4	991	4	3	6	2	2	2	2	2	3 - 2				4	4	2

Pete Taylor, 2614 Jackson Street, San Francisco, California 94109 (April 1974 on) (PST)

Greetings from San Francisco. I get regular service from these:

KTVU 2 Oakland-S.F.	KNTV 11 San Jose	KVOF-38 San Francisco
KRON- 4 San Francisco	KGSM-14 San Mateo	(took over old KUDO; religious)
KPIX 5 San Francisco	KEMO 20 San Fran.	KTXL 40 Sacramento
KGO - 7 San Francisco	KMUV 31 Sacramento	KBHK 44 San Francisco
KQED 9 San Francisco	KGSC 36 San Jose	KTEH 54 San Jose

I always get audio, but not always video, from KOVR 13 Stockton-Sac'to and KHSL-12 Chico along with KMST 46 Monterey. KCRA-3 Sac'to, KSBW-8 Salinas, KXTV 10 Sac'to only when S.F. locals are off. On rare occasions, KMPH 26 Tulare comes in, which is surprising since ch. 26 is allocated for San Francisco.

Channel 60 has been licensed and will be Spanish; no published on-air date (the trusty S.F. Chronicle headline on this referred to "Channel 6"). Other than these, nothing else has been seen at this location (no external antenna) since moving into the city in April. I am located about 2 1/2 miles from the Mount Sutro Tower and the TV's on it (2,4,5,7,9,44) are up about 1600' AAT. Will probably get into more sophisticated equipment by summertime; however, the overload problem is pretty severe. We'll see.

(All the best with DXing in the midst of metropolitia, Pete. dps)

Steven C. Wiseblood, 707 Loma Way, Santa Maria, California 93454 (9 Dec - 6 Jan) (PST)

	Equipment:	ACA-525 25-element for VHF	and ACA 22-element for UHF																		
2	tr	1720	KGO - 7 San Francisco	3525R	228	(17)	tr	1552	KJTV 17 Bakersfield CA	2555	100										
	Es	2006	KGWN 2 Denver (local nx)	"	907			1555	KMJ -24 Fresno CA	4555	165										
			KNOP- 2 N.PlatteNE(1elnx)		1138			2257	KJEO 47 " (2300: Nxwatch)	3355	165										
			2025 unId 2 (MUF to ch 3)					2300	KFSN 30 " (Action News)	3425	165										
11	Es	1335	KTVQ 2 Billings MT		970	18	tr	0744	KSBW- 8 Salinas CA	4555	130										
			1441 KREM- 2 Spokane WA		899			1429	KHJ - 9 Los Angeles CA	4425	140										
			1445 KXLY- 4 Spokane WA		899	Es		1715	XHI - 2		T										
			1630 KMID- 2 Midland TX		1066			1720	XHBS- 4		T										
			1700 KGNC- 4 Amarillo TX		1046	tr		1819	KMJ -24 Fresno CA	4555	165										
			1801: MUF @ 100.7			Es		1905	unId 2 s.e.-Spanish												
			1815 KOAA- 5 Pueblo CO			Es		2038	KATU 2 Portland OR (ABC)	741											
			1958 KGWN 2 Denver (The Big Nx)		907				(in again 2048)												
13	MS	0634	KQMO- 4 Spokane WA (tp)		879	19	tr	1326	KMJ -24 Fresno CA	4555	165										
			2000 KUTV 2 Salt Lake City (Id)		612			1822	KTVU 2 Oakland CA	2344	230										
			2130 KBOI- 2 Boise ID (local wx)		643	21	tr	0916	KNTV 11 San Jose CA	4555	175										
			2131 KTVQ 2 Billings MT (Id)		970			0919	KSBW- 8 Salinas CA	5555	130										
14	Es	1122	KATU 2 Portland OR (ABC)		T	22	tr	1347	KPMB- 8 San Diego CA	3545	240										
15	Es	1639-1730	2 unIds Spanish-Mexico					KGTV 10 San Diego CA	2044	240											
			1721 unId 2 cartns-Sp. (MUF ch 2)			24	tr	0943	KMJ -24 Fresno CA	4555	165										
16	tr	0730	KNTV 11 San Jose CA		2154R	25	Es	1808	KATU 2 PortlandOR(ABCnx)	741											
			0838 KSBW- 8 Salinas CA		5555	27	Es	1654-1800	2-4 unIds												
17	tr	0749	KSBW- 8 Salinas CA		3555			1722	unId 2 Sp."Canal-5"(Mexico?)												
			0754 KTVU 2 Oakland CA		3434			1745	KMID- 2 Midland TX (NBC)	T1066											
			0838 KNTV 11 San Jose CA		3154				(gusty winds to 55mph in evening)												

28 tr 2033 KVIE	6 Sacramento (PBS)	1234	245	(3) MS 0945 KUTV	2 Salt Lake City UT	620
29 tr 0904 KCRA-	3 Sacramento CA	1444	245	1429 KXLF-	4 Butte MT	990
30 tr 1016 KQED	9 San Francisco	3534	228	1432 KXLY-	4 Spokane WA	899
Es 1723 unId	2 Sp.-Mexico (briefly)			1441 KATU	2 Portland OR	741
31: (Winds up to 30mph during morning)				4 tr 1837 KGO	-7 San Francisco	3525 228
Es 1747 unId	2 Spanish (spotty)			5 tr 0855 KMPH	26 Tulare CA	3545 135
J3 MS: continuous bursting, like choppy Es				1514 KMJ	-24 Fresno CA	4555 165

Tropo was fair in December and into January, so far. A few minor Es openings in December, but none yet in January. MS was excellent on the morning of Jan. 3; it was practically continuous. My totals remain at 100, with 12 by MS and 60 by Es. 73's in '75.

Glenn Hauser, 1312 West Oak Avenue, Enid, Oklahoma 73701 (7 Dec - 6 Jan) (CST)

8 Es 1810 WCB-	2 Charleston SC ?	T	(14)(Es) 0941-1002	2-4 unIds		
1820 WESH-	2 Daytona Beach FL ?	T	1029 CKVR-	3 Barrie Ont		
WSAV-	3 Savannah GA ?	T	"CELT"	5 Toronto Ont ?	T	
WJXT	4 Jacksonville FL ?	T	CKGN-	6 Paris Ont (CB w/GLOBAL)		
(local news)	(MUF 89.9)		24 Es 0901-0927	2-4 unIds		
1824 WTVJ	4 Miami FL ?	T	(0927 fade for Id: Murley's law)			
1859 WBTB	3 Charlotte NC ?	T	0930 WWAY	3 Wilmington NC		
1924 WEDU	3 Tampa FL		0945 WSAV-	3 Savannah GA ?	T	
12 Es 0901 WSAV-	3 Savannah GA ?	T	0959 WESH-	2 Daytona Beach FL		
WPBT	2 Miami FL? (MUF 89.9)	T	25 Es 2032 XEW-	2 Mexico DF ?	T	
0926 WJXT	4 Jacksonville FL ?	T	(MUF 88.9)			
0956 WEDU	3 Tampa FL		XEZ-	3 El Zamorano Oro ?	T	
MS 2228 KIFI-	8 Idaho Falls ID ?	T	2033 XEHL-	6 Guadalaajara Jal ?	T	
(ant.n.w; bursts 2228,2235,2236;			2034 unId	4		
& at 2324, NBC live net (Carson);			26 Es 1057 WCB-	2 Charleston SC (tune-in)		
any other possibilities?)			1058 WCIV	4 Charleston SC ?	T	
13 MS 0631 KDAL-	3 Duluth MN (tp)		WCSC	5 Charleston SC ?	T	
0726 WKZO-	3 Kalamazoo MI		1100 WSB-	2 Atlanta GA		
14 Es 0930 WJMN	3 Escanaba MI		1902 WWAY	3 Wilmington NC ?	T	
0937 WWJ -	4 Detroit MI ?	T	73 in '75.			

Bob Cooper, Jr., Route 5 Box 782, Guthrie, Oklahoma 73044 (3 Dec - 5 Jan) (CST)

The preponderance of Es, carrying over from mid-November, for the area south of the Mason-Dixon line (plus some north of the magical line) continues to be puzzling. In the 24 years I have been paying some attention to this "hobby" this is possibly the longest near-continuous string of off-season openings I can recall.

My last report stopped with Dec 2; I was out of town from 4th to 8th.

Dec 8: Es tune-in 1700 WUND-2 NC WTAR-3 VA, t/in 1820 WEDU 3 FL.

Dec 9: Es tune-in 1915, weak past 2000 ch 2, no Id's.

Dec 11: Es t/in 1715 weak so. FL & Cuba ch 2-3, later swing to west (AZ, Mexico), open past 2000.

Dec 12: Es t/in 1735 WESH-2 FL, t/in 1845 XEW-2 DF XEZ-3 Oro, t/in 1930 TGV-3 Guat (double hop) XHY-3. MUF at least ch 5 at this time. Band closed after 2100.

Dec 14: Es t/in 1015, n.e. ch 2-3, t/out 1045.

Dec 15: Es t/in 1830 in & out to apx 1900, ch 2-3, s.w.

Dec 16: Es t/in 1836 ch 2, out after 1915.

Dec 17: tr t/in 2000 KDNL-30 MO (first tropo sign all month).

Dec 19: Es 1745-1749 ch 2 weak, s.e.

Dec 24: Es t/in 0945 WESH-2 FL, others in & out to 1030, t/in 1720 WPBT 2 FL, 2150 WCB-2 SC WWAY-3 NC and others until 2245 fade-out.

Dec 25: Es t/in 0958, ch 2-3 in & out n.e., opening & closing all day w/brief Es noted 1030-1033, 1118-1120, 1900-1915, 1935-2135. XEW-2 DF noted 2000.

Dec 26: Es t/in 1630 e. & s.e., WSB-2 GA WCB-2 SC and others through 1930.

Dec 28: tr t/in 0820 KDNL-30 KCBJ-17 MO KIDZ-24 TX.

Es t/in 1720 ch 2 weak, probably Cuba.

Dec 29: tr This was start of a pretty decent winter tropo session here, but which I could not properly pursue. At t/in 1040, all 400-500-mile signals to n.e. were way up. KDNL-30 KCBJ-17 MO, others in. At 1620 WIGS 20 IL was noted.

Dec 30: tr At 0620 check, WIGD 15 WIGS 20 IL were in good. At 1235 check, KRIN-32 (new Waterloo), KDNL-30 MO WIGS 20 IL WTVK 26 KY? (850 mi) WEHT 25 IN(KY) WLEX-18 WKMU 21 WLKY 32 WKPT 19 KY (819 mi) WSVN 47 KY (860 mi) WKMA 35 WDKR 29 WKSO 29 WKHA 35 WKZT 23 KY. All this goodness stopped abruptly at 1440 when it started raining locally.

Jan 1: Es t/in 2030 ch 2 s.e.

Jan 2: Es t/in 1050 WGR-2 NY, 1130 CKGN(Global)-2 Ont CKVR-3 Ont. 73.

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228

(9 Dec - 7 Jan) (CST)

Equipment:		1971 model 9-inch Penncrest black-and-white with an Archer V-100 and 8-bay UHF bow-tie array at 20 feet with rotor	
D1	Es 1457 unId 2	(15)(Es) 1830 KTVK 3 AZ	835 (25)(Es) 1235 unId 2
	1530 unId 2 n.e.	1832 XHBS- 4 Sin. T 700	1920 unId 2 Sp. south
	1600-1615 2 unIds	1847 KNXT 2 CA T1190	1945 unIds 2-4 west
	1635-1715+ 2-4 Sp. ton.w	KNBC 4 CA T1190	1950 KPHO- 5 AZ T 835
(Above portion not sent last time)		1945 WWAY 3 NC T1250	1957 XEWH- 6 Son. T 750
D2	Es 1927 KOAI 2 AZ 855	2000 WSAV- 3 GA T1050	1959 KTVK 3 AZ 835
	1955 XHBC- 3 BCN T1010	WCIV 4 SC T1120	2000 XHFA- 2 Son. T 740
tr	2240 KPLC- 7 LA T 325	1959 WCBG- 2 SC 1120	2020 KVOA- 4 AZ T 750
	2322 WRBT 33 LA 450	2015 f/out	2059 KOAI 2 AZ 855
	2330 KLMI 15 LA T 395	16 Es 1720 unIds 2,3 Sp. south	2130 f/out
	WGNO-26 LA T 510	1830 WPBT 2 FL 1150	2335 unId 2 brief
	KBMT-12 TX T 275	1840 WTVJ 4 FL T1150	26 ms 1000 KTVI 2 MO 790
10	ms 2335 KTVI 2 MO 790	WCLX- 6 FL T1150	Es 1045 WLW-C 4 OH T
11	Es 1155 unId 3 west, brief	1930 f/out	1050 WAVE- 3 KY T 945
	1559 KOAI 2 AZ 855	17 Es 1945-2040 2 ne, vspotty	1059 WLW-D 2 OH 1075
	1630 KTVK 3 AZ 835	2040 WJBK- 2 MI T1225	1130 f/out
	KPHO- 5 AZ T 835	19 ms 1216 WCIA 3 IL 935	1350-1445 2-4 wunstate
	KVOA- 4 AZ T 750	20 Es 0955 unId 2 brief	1635 unIds 2-4
	1635 KUAT 6 AZ (syn) 750	1029 WESH- 2 FL 1055	1645 WDTV 5 WV T1205
	1655 XHFA- 2 Son. T 740	1150 WDIQ 2 AL T 730	1700 WSAZ- 3 WV 1100
	//2XEMH- 6 Son. T 750	21 ms 0643:25 WEAR-3 FL 685	WMT - 2 IA 945
	1725 KNBC 4 CA T1190	0658:55 KTVO 3 MO 835	1759 KUSD- 2 SD 920
	XHBS- 4 Sin. T 700	WRCB-3 TN 865	KTVO 3 MO 835
	1729 KNXT 2 CA 1190	22 tr 0858 KTVT 11 TX 240	1801 KDKA- 2 PA 1280
	1737 XHBC- 3 BCN 1010	0940 KOED 11 OK T 485	1812 WOAY- 4 WV T1150
	1749 KORK- 3 NV 1050	1020 WAPT 16 MS 525	1813 WLW-D 2 OH 1075
	1830 KVVU 5 NV T1040	1102 KERA-13 TX 250	1818 unIds 2-6
	1913: MUF to 106.5	23 Es 1958 KNKT 2 CA T1190	1825: MUF to 99.1
	2000 apx f/out	2002 XHBC- 3 BCN T1010	1950 XHFA- 2 Son. T 740
ms	2225:10 KCKT 2 KS T 615	2010 f/out	1955 KVOA- 4 AZ T 750
12	Es 0830 KUTV 2 UT T1080	24 tr 0058 KXAS- 5 TX 240	KPHO- 5 AZ T 835
	KCPX- 4 UT T1080	(ex-WBAP-TV)	1959 KTVK 3 AZ 835
	KSL - 5 UT T1080	0107 KDFW- 4 TX 250	2002 XHBC- 3 BCN 1010
	(MUF to 88.9)	0113 KRGV- 5 TX 225	2015 KORK- 3 NV 1050
	0855 KTVQ 2 MT T1245	Es 0928 WGR - 2 NY 1420	2020 f/out
	KRTV 3 MT (2) T1410	0935 WLW-D 2 OH T1075	27 Es 1800 unId 2 Spanish
	0915 n.w. f/out	0959 WAVE- 3 KY 945	2050 TGV - 3 Guat T1120
	0925 east in 2-4	1020 WNGE 2 TN 820	YSU - 4 ElSal T1200
	0940 WSAV- 3 GA T1050	unIds 2-4	2053 YSR - 2 ElSal 1200
	0950 WSJK- 2 TN 1010	1055 f/out	2150 f/out
	0959 WPMY- 2 NC 1175	1229 KTVK 3 AZ 835	28 Es 1556 KUSD- 2 SD 920
	1040 f/out	1238 KOAI 2 AZ T 855	unIds 2,3 brief
	1728 KDKA- 2 PA 1280	1240 KPHO- 5 AZ T 835	1630 unIds 2,3 brief
	1729 WLW-D 2 OH 1075	KVOA- 4 AZ T 750	1750 unId 2
	1730 WSAZ- 3 WV T1100	1305 f/out	1820-1900 2-6 n.&n.e.
	1800 WOAY- 4 WV T1150	1429 WESH- 2 FL 1055	1940 unId 2
	1802 WNGE 2 TN 820	1450 f/out	2 tr 0059 KXAS- 5 TX 240
	1845 f/out	1545-50 WCBG-2 SC 1120	ms 1000-1400 2,3 bursts
	2025 unIds 2,3 Sp.s&s.w	WCIV 4 SC T1120	overlapping in such pro-
	2028 XHTV 4 DF T 690	1630 unIds 2 brief	fusion that doubt many times
	2100 f/out	1810-30 unIds 2 vy choppy	15 seconds without them
ms	2217:40 KNOP-2 NE 815	2210 KDKA- 2 PA 1280	ms 1224 KQTV 2 MO T 750
13	ms 2211:15 WMT -2 IA 945	2229 WAVE- 3 KY 945	1359 KCKT 2 KS 615
14	ms: Geminids note below *	2318 WCIV 4 SC T1120	KNOP- 2 NE 815
15	ms 0625 WEAR- 3 FL 685	2332 WSB - 2 GA 880	1400-1600 slower meteor
	(new mode; prior by Es.	unIds 2-6	rates, but still vactive
	& trop; first by 3modes)	2340: MUF to 98.9	1629 WBAV- 2 WI 1190
	Es 1743 KOAI 2 AZ T 855	25 (Es) 0000 unIds 2-6 (MUF95.1)	(new mode; 1+min burst)
	1746 KORK- 3 NV T1050	0033 WLW-D 2 OH (s/off)	1700-1800 wrapid drop
	1755 XHBC- 3 BCN 1010	0035 few left but maybe be-	in meteor rates
	1759 KDIX- 2 ND 1225	cause somary s/off bynow)	Es 2200 unIds 2,3
	1829 KNOP- 2 NE 815	0105 unId 3 brief	2223 KDIX- 2 ND 1225
		Es 1100-1200 2,3 spotty choppy	2315 KOTA- 3 SD 1040

4 (Es) 0025 unIds 2 n.to n.e.	(5)(Es) 2145 f/out	(6)(Es) 1640 KNXT 2 CA	T1190
0030 f/out	2205 unId 2 n.ornw, brief	(brief)	
tr 0559 KXAS- 5 TX 240	6 Es 0920 unId 2,3	ms 2000-2200 rates up a lot,	
5 Es 1735-1800 2 spotty, east	0930 WLW-D 2 OH T1075	but so was trop, no Ids	
2000 unIds 2,3	0955 WSKJ- 2 TN T1010	7 tr 0915 KSWO- 7 OK T 355	
2035 WESH- 2 FL T1055	(MUF ch 4)	KOCO- 5 OK T 420	
2045 WSAV- 3 GA T1050	1024 WNGE 2 TN 820	KFDX- 3 TX T 305	
(MUF ch 4)	1055 f/out	1005 KKTJ-39 TX T 250	
2050 WDIQ 2 AL T 730	(later high meteor rates)	1015 KAUZ- 6 TX T 305	

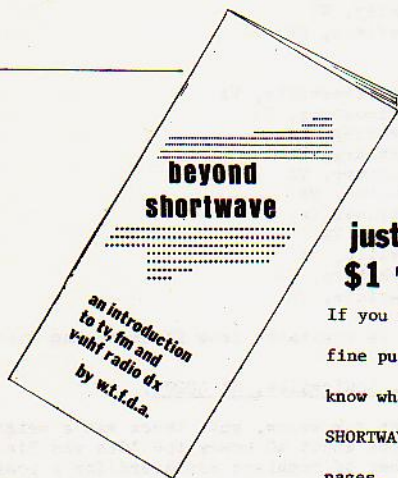
\* Dec 14 note: At that point decided that the Geminids should look better than they had been so checked set's tubes, finding the r.f. mixer, and 2nd i.f. in sad shape (some were original 1971 tubes)—though a little late for the peak, the meteor counts went up a few 100% after new tubes installed. Saw lots of ch-4 and 5 test patterns, but none with ID's visible on them.

December Es levels very high, and the late Dec 24-25 opening rather unexpected for winter (though some might recall the very early one around the same date in 1969).

On Dec 11th, without much local prior notice, WOAI-TV in celebrating its 25th anniversary changed calls to KMOL-TV. The evening Es to the west that date seemed appropriate for the event as the ch-4 CCI here was probably reciprocated. 73, WA5IYX.

Best of DX to all

Dennis



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# ••••• SOUTHERN • FM DX •••••

Ted Fleischaker  
3023 Tremont Drive  
Louisville, KY 40205.  
Deadline: 12th.

Ken R. Simon, 528 Pilgrim Road, West Palm Beach, FL 33405.

Only one logging....Dec. 3 at 0545/0600--WTMI, 93.1 Miami, (semi-local!) testing w/ tone and Beethoven's 9th Symphony. GW propagation at 75 miles. Nothing out of the ordinary, except it's the first time I've heard them test.

Greg Kelley, 181 Hurst Avenue NE, Roanoke, VA 24012.

Here's a report on FM DX in Roanoke. Usually at night when the locals go off, other stations do come in. I've been DXing at this location for 3 years, but never to much degree. Elevation is 1,000 feet and mountains all around. Extreme noise level is from a faulty transformer. I wrote to "Quickline" but no results as to date.

12/30	1500	gw	WRVQ	94.5	Richmond, VA
	2010	tr	WOKI	100.1	Oak Ridge, TN
	2030	gw	WKBC	97.3	N. Wilkesboro, NC
12/31	0815	tr	WTAR	95.7	Norfolk, VA
	0820	tr	WGBR	96.9	Goldsboro, NC
	0830	tr	WCMS	100.5	Norfolk, VA
	0835	gw	WEZS	103.7	Richmond, VA
1/1	0900	gw	WSOC	103.7	Charlotte, NC
	0910	gw	WEAF	94.5	Eden, NC
	0925	gw	WQMG	97.1	Greensboro, NC
	0930	gw	WSGH	107.5	Winston-Salem, NC
	0935	gw	WFDD	88.5	Winston-Salem, NC
	0940	gw	WTQR	104.1	Winston-Salem, NC
	0950	gw	WFMA	100.7	Rocky Mount, NC
	1000	gw	WWMO	102.1	Reidsville, NC
	1015	gw	WBKW	99.9	Beckley, WV
	1020	gw	WHIS	104.5	Bluefield, WV
1/2	1000	all	Roanoke stations		
	1025	gw	WCCV	97.5	Charlottesville, VA
	1030	gw	WQPO	100.7	Harrisonburg, VA
	1035	gw	WWOD	100.1	Lynchburg, VA
	1040	gw	WLLL	98.3	Lynchburg, VA
	1045	gw	WJJS	101.7	Lynchburg, VA
	1050	gw	WJLC	97.5	S. Boston, VA
	1055	gw	WMVA	96.3	Martinsville, VA
	1100	gw	WMNA	107.3	Gretna, VA
	1105	gw	WAKG	103.3	Danville, VA
	1110	gw	WVVV	104.9	Blacksburg, VA
	1115	gw	WKDE	105.5	Altavista, VA

Every morning and evening reception is available from Richmond and Norfolk.

Ted Fleischaker, 3023 Tremont Drive, Louisville, KY 40205.

All in all it was a pretty lousy last few weeks, but there was a bright spot to end 1974, when things picked up for about 40 hours the 30th and 31st of December. Managed to log a good number of regulars not heard for a long time (like since last fall and summer) as well as a few new stations. Antenna here managed also to hold out fine in spite of heavy thunderstorm Jan. 10 which saw wind gust to 78 m.p.h. At any rate, here's the report. All stations are tr propagation.

12/30	0030	WLBH	96.9	Mattoon, IL	local ad/ID
	0109	WACF	98.5	Paris, IL	s/off/ID
	0123	WVUD	99.9	Kettering, Ohio	local ad/r music
	0128	WMEF	97.3	Ft. Wayne, IN	talk show/news
	0130	WAKQ	101.1	Russellville, KY	ID as KQ101--new call from WRUS-FM

FM DX report, Ted Fleischaker, cont'd.

12/30	0140	WTUE	104.7	Dayton, Ohio	ID/house ad.
	0209	WPAY	104.1	Portsmouth, Ohio	ID/k music
	0230	WLHN	97.9	Anderson, IN	"Stereo 98" ID--shudda gone to bed!
	2000	WTRE	107.3	Greensburg, IN	local news
	2005	WLQA	98.5	Cincinnati, Ohio	news/wx
	2051	WCNE	88.7	Batavia, Ohio	ID/r music
	2101	WMUB	88.5	Oxford, Ohio	music--Miami of Ohio U. station
	2105	WMKY	90.3	Morehead, KY	w/UPI news/ local promo. college sta.
	2151	WCNW	94.9	Fairfield, Ohio	local ad/ID k music
	2345	WFCJ	93.7	Miamisburg, Ohio	w/house ad
	2359	WQUT	101.5	Johnson City-Bristol, TN	
12/31	0007	WAKW	93.3	Cincinnati, Ohio	ID "Proclaiming the gospel of Jesus Christ to the Cincinnati area."
1/7	0100	WEZK	97.5	Knoxville, TN	ID/m music program.

Also received other semi-locals during the 12/30-12/31 period, including several in Indiana and Tennessee, but listed only new or rather infrequent listings recorded. The Tennessee and Illinois loggings are rather of interest here as Winegard SC-650 antenna was aimed northeast at the time, meaning signals were received off side of antenna. Am back in the SCA listening business also, as have newly built unit which works GREAT.

Keep listenin'!

*Ted*

# THE MOST COMMON LOGO... PERHAPS

by  
Clarke  
Ingram

WHAT IS THE MOST COMMON LOGO presently in use by North American television stations? In all probability, it is the logo you see to the right---a slightly bent "7" inscribed in a circle. We're already aware of the fact that this logo is being employed by TV stations owned and operated by ABC (and, coincidentally, these all happen to be on channel 7), but we've also managed to track this particular logo to many stations not even affiliated with that network. Here's a list of those stations seen using this logo:

\*WABC-7 New York NY  
\*KABC-7 Los Angeles CA  
\*WLS-7 Chicago IL  
\*WXYZ-7 Detroit MI  
\*KGO-7 San Francisco CA  
+KOAT-7 Albuquerque NM  
+KVII-7 Amarillo TX  
xWHIO-7 Dayton OH  
xKTVB-7 Boise ID

We also suspect:  
WNAC-7 Boston MA  
+WMAL-7 Washington DC

\* ABC owned & operated (carries net pgms)  
+ ABC affiliated only (total and partial)  
x uses modified version

Undoubtedly most of you are now asking yourselves, "What does this have to do with DXing?" To answer that question, we have to the right a picture of a US TV station with the above logo. The call letters, located underneath the top of the 7, are too small to recognize. Could you identify this station? Yes, perhaps, by noting the antenna direction, etc. The above list, though, would make things much easier. (By the way, the photo is of WABC-7, New York City.)



# WESTERN FM DX

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

...Report...

...Support WTFDA

Patrick Martin, P.O. Box 149, Warrenton, OR 97146 (1 Dec-19 Dec) (EST)

Magnavox AM & FM: Windgard SC-650: Boosters....

KZOK-102.5-Seattle, has gone to 100kw, and moved from Seattle (transmitter site) to Cougar Mountain, east of Seattle. Stations on Cougar Mountain include KBES-92.5, KBLE-93.3, KOL-94.1, KIXI-95.7, KYAC-96.5, KEZX-98.9, KETO-101.5, KZOK-102.5 and KRAB-107.7. KING-98.1 is supposed to move up to Cougar Mountain also. Cougar Mountain is up about 1000 feet, or so and stations really get out. Have also heard that KISW-99.9 is also going to move there. I presume KIRO-100.7 has gone to 100 kw, but no change in signal here.....

10	2255	KORD	102.7	WA	Pasco, rock	230	10	2338	KPQ	102.1	WA	Wenatchee, MoR	190
	2303	KUTV	104.1	WA	Yakima, c&w	160	15	1432	KCIV	104.5	OR	The Dalles, MoR	140
	2307	KIT	94.5	WA	Yakima, MoR	160	18	1507	KZOK	102.5	WA	Seattle, rock	150
	2309	KPFM	107.3	WA	Yakima, rock	160		2332	KLVR	90.3	WA	Longview, rock	50
	2317	KWIQ	100.3	WA	Moses Lake, c&w	235	19	1452	KSLC	90.3	OR	McMinnville, rock	75

James Thomas, 412B East 1st, Hutchinson, KS 67501 (December) (CST)

KLH 21 MK II FM Rx, and Channell Master 4401 @ 30 feet.....

12	MS	2300	WKRT	99.9	NY	Cortland, 1180	14	Tr	0203	KAFM	92.5	TX	Dallas, rock
						(caught during Geminiids MS)	16		0711	KCSC	90.1	OK	Edmund
14		0058	KWHP	97.7	OK	Edmund, "K-Whip" ID			1527	KTEN	93.3	OK	Ada
		Tr	0100-0215			Dallas-Ft Worth stations in with good signals			1609	KBJH	98.5	OK	Tulsa
		0200	K???	92.5		rock station IDed as "KQ-92"; possible KQRS Golden Valley, MN; verification pending	26		1700	KRSL	95.5	KS	Russell
									1255	KCMW	90.9	MO	Warrensburg, stereo 91
								Es	1700	WJCT	89.9	FL	Jacksonville 1080

I have written a booklet entitled "FM PROPAGATION". The price is \$1.00. If anyone is interested in more information, drop a card to me, or, if you would like to purchase a copy, please send a check, payable to me.....73's & best of '75 to all.....

Glenn Hauser, 1312 W Oak, Enid, OK (7 Dec-6 Jan) (CST) zip 73701

8	Es	1826	WJCT?	89.9	FL?	Jacksonville, cl; talk	13		0815	????	94.3		multiburst; several incl. lingo: Arabic? then "shopper-stopper Christmas Value"
12	Gw	2208	KWGS	89.5	OK	Tulsa, back on w/rock after long hiatus		Tr	2106	KNCT	91.3	TX	Killeen, PSAs
		MS	2230			lots of bursts; no IDs		MS	2300	WDAY	93.7	ND	Fargo, ID, TC
			2250	CBW	98.3	Man Winnipeg, drama			2344	CBW	98.3	Man	Winnipeg, pro YL
13		0633	CKPR?	94.3		Ont Thunder Bay, "news of parliament...about Dec 20" pronounced the Canadian way; or CFRW?	14		0731	KBER	100.3	TX	San Antonio, "San Antonio & vicinity wx: some early morning fog" (ant N!)
		0704	????	94.3		"Fred Wagner has Vacationland weather after this..."			0837	WTTN	94.1	WI	Watertown, *Warren-Schey Home Entertainment & Appliance Center ad (* indicates checks w/directory info)
		0730	WMOA	94.3	OH	Marietta, ID			0844	WMLX	94.1	IL	Mt Vernon, Bank of Illinois, Mt Vernon ad, member FDIC
		0731	????	94.3		blood drive at St Lawrence Catholic Church			0906	KWYR	93.7	SD	Winner, ad, "...Ray's."
		0830	????	94.3		"..Rise & Shine mx, brought to you by the Piggly-Wiggly store in Commerce Court"							

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228 (8 Dec-8 Jan) (CST)

Allied 426 (mostly for meteor scatter); Hallicrafters SX-62 with International Crystal SAX-1 preamplifiers; Archer V-100 antenna at 20 feet with rotor.....

11	Es	1615	tent	KXTC	92.3	AZ	Glendale	840	11	Es	1912	tent	KYXY	96.5	CA	San Diego, EL1120
		1617	tent	KMCR	91.5	AZ	Phoenix	835			1913	KWST	105.9	CA	Los Angeles, EL, ID	
		1636	tent	KALJ	95.1	AZ	Yuma	970				tent	KPRI	106.5	CA	San Diego, EL
							all very spotty				1917	tent	KBCA	105.1	CA	Los Angeles, EL1195
		1832	KVEG	92.3	NV	Las Vegas/AM s/off					1923	KMET	94.7	CA	Los Angeles, rock, ID	
		1834	tent	KILA	95.5	NV	Henderson	1040			1925	tent	KLOS	95.5	CA	Los Angeles, rock
		1842	KLUC	98.5	NV	Las Vegas, wx, ID1050					1929	KJOI	98.7	CA	Los Angeles, EL, "FM 99	
		1843	KLVM	94.1	NV	Henderson, ID, psa					1931	tent	KPOL	93.9	CA	Los Angeles 1195
		1900	KPFK	90.7	CA	Los Angeles, ID 1190		12	Es	0835-0845	KBVU	88.9	UT	Provo, ID 1045		
		1902	KOOL	94.5	AZ	Phoenix, AZ nx	835				2042	tent	XHM	88.9	Mexico City, DF, EL	
		1903	KPCS	89.3	CA	Pasadena, ID 1185		14	Es	0000-0100	fair	meteor levels, but few really long bursts (i.e. over 5 seconds				
		1909	tent	KDIG	98.1	CA	San Diego	1120			MS	0100	KTTS	94.7	MO	Springfield, nx 615
		1912	tent	KFSG	96.3	CA	Los Angeles									



22 Tr 1050 KERA 90.1 TX Dallas, ID	250	3 MS 1230-1500, good burst rates, but seldom over 5-10 second duration
24 very late-starting Es		1415 KAMS 95.1 AR Mammoth Spring, ID 635
Es 2335 unID 88.5, brief		(3 of my 4 AR loggings are via MS)
2340-50 unID to 98.9		had 426 with carrier-operated-relay system set around 98.5 with many bursts but no ID's; the 95.1 logging was on a Wards portable with 30' indoor random
2352 tent WSIX 97.9 TN Nashville 820		7 Tr wire
2357 WJCL 96.5 GA Savannah, ID 1050		7 Tr 0930 KKAJ 95.7 OK Ardmore, ID 340
25 Es 0000 tent WPXI 95.1 SC Charleston, 1120		0935 KMMT 95.9 TX Mineral Wells, 235
nx, and soon f/out		local news
26 Es 1702 tent WVWC 88.9 WV Buckhannon 1225		1000 KNIT 105.1 TX Abilene, ID 220
1713 tent WDUQ 90.5 PA Pittsburgh 1280		1015 KGAF 94.5 TX Gainesville, local 300
1720 WJAC 95.5 PA Johnstown, sports 1330		call-ins
1727 WPEZ 94.5 PA Pittsburgh, ad, ID 1280		A bit odd having the good Es opening just prior to the peak of the Geminids shower. The late Dec 24-25 Es also very rare for winter.
1735 f/out		73, Pat, WA5IYX
1805 unID 94.7, brief		
1825 unIDs 89.9, 88.5, 95.1, 94.7		
1845 unID 89.7		
1909 very brief 88.5, 89.7, 90.3		
1915 unID 95.1		
the swift in-out condx made even guess es at these unIDs not worth it		

Danny Buntin, 1020 S. Duncan, Stillwater, OK	74074	(10 Dec-30 Dec) (CDT)
Pioneer TX-9100 tuner, 10 element antenna at 32 feet,.....		
10 Gw 1709 KWGS 89.5 OK Tulsa, ID tone 60	23	Es ??? 97.5 SS speaker, Mutual nx, no understandable ID...0955
testing		0955 ??? 97.3 SS speaker, no ID
13 Tr 2014 KVEE 105.1 AR Conway, ad 275		1024 KWTX 97.5 TX Waco, ID 315
2041 KORQ 100.7 TX Abilene, EL 300		25 Tr 1841 KSEB 107.1 OK Durant, ad 160
22 Tr 1923 KJEL 103.7 MO Lebanon, ad, 255		29 Tr 2319 KSKG 99.9 KS Salina, wx 195
"Kay-Jel" ID		2325 KNEK 96.7 KS McPherson, EL 165
1955 WMC 99.7 TN Memphis, nx 405		30 Tr 1059 KSOZ 91.7 MO Point Lookout, 230
1959 KRFG 94.5 MO Greenfield 200		nx, (KOSU off briefly due to transmitter difficulty)
23 Tr 0921 KNIT 105.1 TX Abilene, \$, ad 300		1104 KCIIR 107.9 TX Corsicana, 285
0922 KORQ 100.7 TX Abilene, \$ 300		"K-108 news"
0935 KNCT 91.3 TX Killeen, ID 260		
0946 KSTA 107.1 TX Coleman, ID 340		

Steven G. Wiseblood, 707 Loma Way, Santa Maria, CA 93454 (10 Dec-9 Jan) (FST)

Pioneer SM-Q-300B; Symphonic \$ rx; FM-4G at 20 feet; Fincio 65-7 Antenna Booster.....		
10 Tr 0355 KSEA 97.3 CA San Diego, 230	12 Tr 1327 KOWN 92.1 CA Escondido, \$ EL 220	
pop-hits, \$	13 Tr 2033 KUUL 92.1 CA Madera MoR, ID 145	
0400 KOZN, XHIS, KDIG, KGB-San Diego	MS 2341 KRET 92.3 NM Albuquerque 778	
1535 KFMB 100.7 CA San Diego, \$ EL 230	16 Tr 0801 KKOP 93.5 CA Redondo Beach 137	
1547 KPSD 94.1 CA San Diego, \$ cl 230	1831 KEWT 105.1 CA Sacramento, \$ EL 245	
1600 KOWN 92.1 CA Escondido, \$ EL, nx 220	1834 KZAP 98.5 CA Sacramento, \$ RR 245	
11 Es 1654-1812 unIDs, 92.9 \$ EL, 96.9	18 Tr 1831 KEZS 96.9 CA Sacramento, \$ c&w 245	
1732 KLBK 94.5 TX Lubbock, ID, wx 1057	21 Tr 1638 KPRI 106.5 CA San Diego, \$ RR 230	
1740 KIXY 94.7 TX San Angelo, \$ wx 1168	1657 KITT 105.3 CA San Diego, EL 230	
1745 KLLL 96.3 TX Lubbock, \$ c&w, ad 1057	22 Tr 1820 KAPX 107.9 CA San Clemente, EL 178	
1745 KQIP 96.9 TX Odessa, \$ EL 1052	24 Tr 1638 KGB 101.5 CA San Diego, ads 230	
1745 unID 96.9 \$ c&w, IDed as "\$ 96" & "\$ Country"	29 Tr 1725 XHIS 90.3 BC Tijuana, FM-90 245	
1747 KSEL 93.7 TX Lubbock, \$ RR 1057	2 MS 1103 KBBK 92.3 ID Boise, nx, wx 640	
1751 KOYL 97.9 TX Odessa "COIL" jingle c&w-gold 1052	1131 unID 97.1 MT Kalispell, ads for Kalispell, MT	
1755 KNFM 92.3 TX Midland "Media Central News" also "Christmas Sounds" \$ MoR 1066	1237 KPAM 97.1 OR Portland, K-97, nx 741	
1801 KORQ 100.7 TX Abilene, ID, ads 1189	1240 unID 97.1 MT Billings 7 \$ EL	
1812 KBLJ 92.1 CO La Junta, \$ c&w, 948	MS burst rate was so heavy, it looked like skip	
ID as "Great American Country"	4 Tr 1907 KIOI 101.3 CA San Francisco, \$ 228 Total now 259, with 18 states, ... 128 by Es.	

Note from ye ed...I just received a book called "Installing TV & FM Antennas" by Leo G. Sands. Soft cover, 168 pages, and 10 chapters with 2 appendices, & index. It is written in non-technical language, & easy to understand. Covers choosing the right antenna, interior wiring, amplifiers, reception problems, etc. From TAB BOOKS, BLUE RIDGE SUMMIT, PA 17214, \$3.95 plus postage & handling. I enclosed \$1.00 for postage, & received the book via Special Handling. The next best thing to first class. A more detailed and professional review appeared in the Nov-Dec 1974 issue of Elementary Electronics.

# NORTHERN FM DX



Edward Barboni  
50 S. Montgomery Ave.  
Norristown, PA 19401  
DEADLINE THE 10th

\*\*\*\*\* Support WTFDA, Send In Your Reports. \*\*\*\*\*

JANUARY 1975

Hi, I hope everyone had a nice Christmas season. I'M very glad to hear from new reporters for this month as there was a lot of them. Thanks for all of the reports and keep them coming in. '73, (ED)

Joseph Fela - 150 Robert Place - S. Plainfield, NJ. 07080 (EST) 11/11

DX: Receiver Pioneer SX-E28 Antenna JFD FM-10A

All Rcvd on November 11. All Tr.

1746 WNOR 98.7 Norfolk VA with rock. All over local WXLO-98.7

1750 ALL other Norfolk stations in including the harder ones such as

WTAR - 95.7 and WCWI - 102.9

1801 WHOV 88.3 Hampton, VA Nx ending at 1820, W/ID 10 watts at 275 mi.

1822 WOBR 95.3 Wanchese, NC. ending news

1830 WJLY 92.1 Moyock, NC. with old rock

1930 WEZR 106.7 Manassas, VA strong over local WRVR

1935 WAVA 105.1 Arlington, VA strongly through local WRFM

1945 WPGC 95.5 Morningside, MD through local WPLJ - 95.5

2003 WMPH 91.7 Wilmington DEL on top with rock 10 watts

2015 ???? 91.7 with KI6-???? request line NOT WMPH. w/rock. WPWT???

Jim Sofonia - 740 High St. - Bedford, OH 44146 (EST) 11/27-12/02

Receiver Heath AJ-1510A

This is my first report. I just got out of the Air Force last week and do not have an antenna up yet. But I got quite a few signals on a piece of wire behind the set.

DX:

11/27 Tr 2200 WNCI 97.9 Columbus Ohio 120 miles

11/29 Tr 1330 WHOT 101.1 Youngstown, Ohio - 60 miles

Tr 1545 WRIF 101.1 Detroit Mich. - 80 miles

12/02 Tr 2000 WFMK 99.1 East Lansing Mich. - 150 miles

Tr 2200 WFKC 99.1 Fremont, Ohio - 75 miles

Tr 2230 WLCR 101.5 Toledo, Ohio - 90 miles

Tr 2240 WBRB 102.7 Mt. Clemens, Mich. - 90 miles

Tr 2245 WIPC 102.9 Sharon, Penna. 60 miles

Richard Steinberger - 47 Causeway St. Hudson, MA 01749 6/8 to 11/15

DX: Total now 321

6/8 WGNA 107.7 Albany, NY.

6/15 KTEN 93.3 Ada, Okla.

Es KWPX 93.9 W. Plains, MO.

KMOD 97.5 Tulsa, OK.

KTCS 99.9 Ft. Smith, AR.

KEZQ 94.1 Little Rock ARK

WMIX 94.1 Mt. Vernon, Ill.

KSLQ 98.1 St. Louis, MO Super C'

Tr WPSB 98.9 Philadelphia PA

6/16 WVCD 97.9 Hazelton, PA

6/21 WCAL 89.3 Northfield, MN

Es KSJN 91.1 St. Paul, MN

KLFD 95.3 Litchfield, MN

Tr WICH 97.7 Norwich, CT

WIBC 98.7 Utica, NY.

WNHV 95.3 White River Jc., VT

6/22 WTBW 95.3 Thomasville AL st.#27

Es WQUE 93.3 New Orleans LA st.#28

WDRV 95.3 Drew, MS

WAIL 94.1 Eau Claire, WI

KESD 88.3 Brookings SD state#29

6/25 KRMS 93.5 Osage Beach, MO

7/5 WIOX 102.1 Phila, PA "W102"

7/7 WMIX 94.1 Mt. Vernon Ill.

Es WAAG 94.9 Galesburg, IL

WLAK 93.9 Chicago, IL.

WPTH 95.1 Ft. Wayne IND.

WSIV 91.9 Carbondale, IL

WLHN 97.9 Anderson, Ind.

Tr WRVT 97.1 Rutland, VT-new on air

7/21 WVOI 95.9 Tisbury, MA-new on air

7/27 WVLC 104.7 Oreland MA " " "

Tr CKMF 94.3 Montreal, P.Q.

9/15 WJFM 93.7 Grand Rapids MI st#30

Au WAEZ 97.5 Akron, Ohio

WBEN 102.5 Buffalo, NY.

WVDC 101.1 Wash, D.C.

WCMS 100.5 Norfolk, VA

WPGC 95.5 Morningside MD st#31

9/16 WJBC 106.3 Portland, ME.

11/11 WNWY 92.7 Norway, ME.

Mike Bugaj - 69 Sherman Road - Enfield, Connecticut 06082

9/17 tr 2130 WHWB 98.1 Rutland, Vt. w/Vt nx headlines  
 2143 WRUT 97.1 Rutland, Vt.  
 9/18 1938 CKBY 105.3 Ottawa, Ont. Expos BB, ID  
 1959 CKGM 97.7 Montreal, Que. prog rock  
 2025 CBO 103.3 Ottawa, Ont. CBC Concert  
 9/19 0800 CHSC 105.7 St. Catherines, Ont. "\$ Sound of Niag. Frontier"  
 0801 C??? 102.5 Ottawa, Ont. "Ici R. Canada" ID and cl mx  
 2115 WAPL 97.7 no loc. given but Del/NJ shore area wx  
 9/20 1123 WSEB 92.1 Baldwinsville, NY c/w  
 1142 WPKY 97.9 Rochester, NY "Pixie"  
 9/27 1830 WGCR 104.5 Wellsboro, Pa. c/w mono "Big Country Gold"  
 2116 WBEW 102.5 Buffalo, NY rock  
 2245 WSBA 103.3 York, Pa. "Accu-Weather" and ID  
 9/28 0915 WKXA 98.9 Brunswick, Me. rr , Me.nx  
 9/29 2000 WOTT? 97.5 Watertown, NY rr  
 9/30 2130 WPHD 103.3 Buffalo, NY w/Marine Midland Bank spot  
 10/13 0910 WUOM 91.7 Ann Arbor, Mich. organ mx and Michigan wx&temps  
 1028 WBUF 92.9 Buffalo, NY ID, mono  
 10/14 0728 WWSH 106.1 Philadelphia "Wish" ID  
 10/25 2245 WNNR 88.1 Monroe, Ct. WBSU nulled rr "Monroe P. Serv Rad"  
 10/27 1810 WOIV 105.1 DeRuyter, NY CBN Net  
 1830 WKFM 104.5 Fulton, NY rr o/u WSPK  
 2101 CHFI 98.1 Toronto, Ont ID & wx  
 2130 WKRT 99.9 Cortland, NY mono o/WBZN  
 10/29 1810 WBIV 103.7 Ithaca, NY CBN Bulletin Board  
 1840 CHLC 98.3 Kingston, Ont. 50kw "Stereo Serenade"  
 1900 WSYR 94.5 Syracuse, NY "Candlelight in \$"  
 11/11 1959 WHBA 90.1 Portland, Me dual ID "WBBH and WHBA"  
 2010 WKRI 105.3 Norfolk, Va ID rel.  
 2013 WSFL 106.5 NC "Super SPL" rr strong; WWSH nulled  
 2018 WFOG 92.9 Suffolk, Va.  
 2042 WQRK 104.5 Norfolk, Va. "Super Q" rr  
 2043 WSSR 103.3 Taskey, Va. mono ID  
 2100 WYFI 99.7 Norfolk, Va. rel, ID  
 2107 WNOR 98.7 Norfolk, Va. rr "FM99"; no WXLO

This is my first report since moving back from California.  
 Antenna: Finco FM5 w/Alliance rotor. RX: Kenwood 7001 Tuner  
 Started DXing here 9/15/74, 226 loggings so far. House is located  
 on a high spot on E side of Conn. valley with nothing blocking  
 the view to the N, W, or S.

Edward Barboni - 50 S. Montgomery Ave. Norristown, PA 19401 (EST)

Receiver - Lafayette LR-775-Antenna - Winegard SC-650

DX:

12/13 2231 WRVR 106.7 New York, NY. with ad for stereo stere. good-poor  
 Gw Extended Groundwave. (85)  
 2245 WHDG 103.7 Havre De Grace, MD w/Mx&ID (50)  
 12/16 2124 WTSC 91.1 Potsdam, NY. poor w/heavy interference. ID (300)  
 Tr 2127 WNYE 91.5 New York, NY. poor w/ID (85)  
 2129 WDFM 91.1 Tent. State College, PA (140)

Andy Bolin - 709 Lincoln Ave. - Charleston, IL

6/21 1900 KBRF 103.3 Fergus Falls MN. 7/13 0730 WVPB 91.7 Beckley WV.  
 Es 2003 KMOT 93.7 Minot ND 8/9 1700 KAFG 90.3 Ft. Lauderdale  
 6/26 1130 CHFX 96.1 Halifax NS w/Nx. 8/19 1000 KESD 88.3 Brookings SD  
 Es29 2145 KMTW 96.5 Twin Falls ID-1365 Au 1005 WJAG 106.7 Norfolk NE  
 7/3 1548 WWPT 90.3 Westport CT 1127 KPAT 97.3 Sioux Falls SD  
 7/6 0150 KDNT 106.1 Denton TX (675) 9/5 2345 KTEN 93.3 Ada, OK  
 Au 0200 KFWD 102.1 Ft. Worth TX-695) 9/16 0317 WLAG 104.1 La Grange GA  
 7/10 1622 KRVS 88.3 Lafayette LA with cw.  
 7/13 0645 WLIL 93.5 Lenoir Cty, TN



# VHF UTILITY DX

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

FEBRUARY 1975

Robert Hartmann, 16 Marvin St., Mayville, NY 14757 GMT used

12-13: 2355, TWA 703 127.15 nr Cleveland (727)  
2356, Am 184 126.50 nr Buffalo (707, 25 watts)  
14: 0000, Uni 72 133.00 nr Cleveland (707)  
0001, Uni 47 133.00 nr Cleveland (707)  
Uni 306 127.45 nr Cleveland (707)  
0003, 70CS 125.7 nr Buffalo

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

6-27: 0005, KOB 968 39.62 Farmington, ME (sheriff; 100 watts)  
9-28: 1349, N8411 134.50 30 mi nw Front Royal, VA (American Airlines  
Flight 243; 707-323CG; 25 watts)  
1351, N1935 134.5 100 mi ne Nashville, TN (American Airlines  
Flight 577; 727-023; 25 watts)  
10-5: 1225, N9599J 119.7 vic Annapolis, MD (Annapolis Flying Service  
Inc.; Piper Cherokee 180)  
1306, N4349P 122.8 vic Easton, MD (George R. Horner; Piper  
PA-23 Apache; 2-engine, 5-seat; 8 watts)  
1459, N21541 119.7 vic Frederick, MD (Aviation Enterprises of  
Frederick, MD, Inc.; Cessna 172 Hawk)  
1510, N50823 119.7 nr Gibson Island, MD (Flight Training, Inc.;  
Cessna 150 Trainer; 1-engine, 2-seat)  
2130, N5857J 119.7 ov Church Hill, MD (Jack Bettie; Beech C-33)  
6: 1242, N122MA 119.7 vic Baltimore (American Maize Products Co.;  
Mitsubishi MU-2P; 2-engine, 9-seat)  
1250, N2848T 119.7 7 mi se Balt. (James C. Rhoten, Jr.; Piper  
Cherokee 180; 1-engine, 4-seat; 10 watts)  
19: 1405, N1DL 119.7 30 mi ese Balt. (Robert F. Lean; Beechcraft  
BE-35 Bonanza; 1-engine; 5700 feet; 12 w)  
2134, N2593R 119.7 Pasadena Inter., MD (John O. Murphy; Piper  
180 Cherokee; 2-engine, 6-seat)

Donald L. Blevins, 803 Northrop Lane, Baltimore, MD 21220 (\* QSLed)

9-17:  
KFD 608 33.94 Westminster, MD (f) 10-1:  
KLG 610 460.25 Wash, DC (p)  
9-19:  
KLU 734 39.26 Hagerstown, MD (sp) KLG 605 460.10 "  
9-21:  
KGA 410 155.61 Baltimore, MD (p) 10-2:  
KGA 428 152.45 Bal, MD (Diamond Cab)  
KVT 766 33.94 Dover, DE (cf) KGB 621 152.45 Fullerton, MD (Over-  
lea Cab)  
KGD 273 154.28 Bel Air, MD (cf) 10-3:  
KGA 587 161.90 Bal, MD (C&P Mar. Op.)  
9-22:  
KGC 580 46.46 Owings Mills, MD (cf) KGC 601 152.57 Galesburg, MD (C&P T)  
9-25:  
KGA 587 152.62 Bal, MD (C&P Tele.)  
KGC 668 46.46 Randallstown, MD (cf) "  
152.75 "  
9-27:  
KGF 318 46.10 Doylestown, PA (cf) 10-4:  
KGF 607 453.10 Bal, MD (Har. Tun. -p)  
KUI 559 155.085 Abington, MD (lg) KGA 346 154.19 Upper Darby, PA (f)\*  
KEB 281 155.58 NY, NY (p)\* KBS 486 33.78 Dover, DE (f)  
KVA 334 39.50 Montross, VA (cp) 10-5:  
KIG 768 39.50 Orange, VA (sd) KLR 366 39.28 Winchester, VA (cp)\*  
9-28:  
KGE 960 33.78 NewCastle, DE (cf)  
KTP 995 453.15 Laurel, MD (p) KGA 900 42.62 Phil, PA (sp)  
9-29:  
KLR 248 460.125 Alexandria, VA (cp)  
KIE 943 154.43 Alexandria, VA (f)\* 10-6:  
KGA 410 453.05 Bal, MD (p)  
10-1:  
KGA 410 155.19 Baltimore, MD (p) KIX 941 453.375 Manassas, VA (cp)  
155.55 " " KJS 688 453.55 "  
KGC 554 452.05 "(Sun Cab Co.) KGF 587 453.55 Phil, PA (p)

10-6:					
KIB 950	453.55	Fairfax,VA(cp)*			
NMX	156.80	Bal,MD(USCG)			
NMX 1	156.80	Annapolis,MD(USCG)			
KIB 701	42.86	Appomattox,VA(sp)			
KGA 816	45.02	Dover,DE(sp)			
KLG 606	460.425	Wash,DC(p)			
KGC 647	453.80	Greenbelt,MD(p)*			
KGA 410	453.925	Bal,MD(p)			
KVA 433	453.925	FallsChurch,VA(p)*			
10-7:					
KCI 570	155.55	Doylestown,PA(cp)			
10-23:					
KJF 888	42.10	Martinburg,WV(sp)			
KGC 220	154.445	Bal,MD(f)			
10-24:					
KGA 853	159.09	Upper Darby,PA(p)			
KGD 479	154.01	Millersville,MD(cf)			
KBJ 806	155.73	Bowie,MD(cp)			
KIF 337	46.18	Fairfax,VA(cf)			
KGB 204	42.62	Carlisle,PA(sp)			
KIB 439	42.62	Greensboro,NC(sp)			
10-25:					
KGC 672	46.46	Hereford,MD(cf)			
10-27:					
KKD 320	39.50	Crowley,LA(cs)			
KKC 649	39.50	Lafayette,LA(cs)*			
10-29:					
KEB 374	155.37	HaddonHts,NJ(p)			
KEA 394	155.85	NY,NY(p)			
KCI 570	155.37	Doylestown,PA(cp)			
KEC 527	154.19	NY,NY(f)*			
KGS 571	154.43	MarlboroTwp,NJ			
KIG 504	39.50	Leesburg,VA(cs)*			
KGC 634	46.46	Riestertown,MD(cf)			
11-01:					
KGA 611	154.235	Wash,DC(f)			
11-5:					
KGD 479	154.340	Millersville,MD(cf)*			
11-11:					
KEB 342	156.21	Vineland,NJ(p)			
KUJ 524	156.21	Bridgeton,NJ(cs)			
KGD 479	46.50	Millersville,MD(cf)*			
KIC 469	156.21	Norfolk,VA(p)			
KLD 757	156.21	Collingswood,NJ(cp)			
11-12:					
KBT 576	46.46	Towson,MD(cf)			
KGD 288	46.46	Kingsville,MD(cf)			
11-16:					
KKA 781	39.50	Arcadia,LA(cs)*			
KKB 203	37.18	Kaufmann,TX(cs)			
KUA 725	37.18	McKinney,TX(cs)			
KCJ 670	37.18	Midlothian,TX(s)			
KKB 227	37.18	Waxahatchie,TX(cs)*			
KKN 329	37.18	Lancaster,TX(p)			
KKA 991	37.18	Priceton,TX(p)			
KKU 664	37.18	Burleson,TX(p)*			
KKS 985	37.18	Cleburne,TX(cp)			
KKZ 950	37.18	Cleveland,TX(p)			
KCN 512	37.18	Cold Spgs,TX(cs)*			
KIB 777	39.50	Staunton,VA(p)			
11-18:					
KGA 283	45.02	Bridgeton,DE(sp)*			
KGE 308	46.46	Jacksonvle,MD(cf)			
11-19:					
KIG 215	39.50	FrontRoyal,VA(cs)			
KIV 227	39.50	Warrenton,VA(cp)			
11-20:					
KIF 337	154.28	Fairfax,VA(cf)*			
11-23:					
KIF 856	39.50	Culpeper,VA(cs)			
11-25:					
KGH 606	39.10	Annapolis,MD(Bay Bridge p)			
KKA 720	39.50	BossierCity,LA(sp)			
KGA 905	39.90	Media,PA(cs)*			
KKH 831	39.50	Cameron,LA(cs)*			
KDS 662	39.50	L.Providence,LA(p)			
KKI 574	39.50	Abbeville,LA(cs)*			
KKR 831	39.50*	St.Martinsvle,LA(cs)			
KKD 615	39.50	Opelousas,LA(cs)			
KKC 831	37.18	Houston,TX(cs)*			
KKA 582	39.50	NewIberia,LA(cs)			
KUZ 826	37.18	Woodville,TX(p)			
KKA 591	39.50	Rayne,LA(p)			
KKD 654	39.50	Farmerville,LA(cs)*			
11-29:					
KFM 399	39.50	Nashville,IL(cs)			
11-30:					
KAA 471	39.46	Topeka,KS(sp)*			
KAB 205	39.46	Salina,KS(p)			
KKA 683	37.10	Fayettevle,AR(cs)			
KSB 567	39.50	Carlinville,IL(cs)			
KKB 839	39.50	Natchoches,LA(cs)*			
KKA 682	39.50	Jonesboro,LA(cs)			
KKC 627	39.50	Ruston,LA(cs)			
KKA 569	39.50	Winnefield,LA(cs)			
KKA 818	39.50	Colfax,LA(cs)*			
KKB 953	37.18	Liberty,TX(cs)			
KUS 545	39.50	Jeanerette,LA(p)			
KKQ 705	39.50	Eunice,LA(cs)			
KKC 747	39.50	Alexandria,LA(cp)*			
12-04:					
KAG 374	39.90	Ogallola,NE(cs)			
KCT 272	46.46	Pikesville,MD(cf)			
12-5:					
KUP 264	39.22	Snow Hill,MD(sp)			
KGA 241	155.64	Rockville,MD(cp)			
KSK 938	37.20	Augusta,AR(cs)			
KSQ 737	37.20	Marianna,AR(p)			
KKC 213	37.20	WestMemphis,AR(p)			
KSK 922	37.20	Harrisburg,AR(cs)			
12-10:					
KPD 590	155.58	BradburyHts,MD(cp)			
KDV 499	39.44	Lancaster,VA(cp)			
12-12:					
KKD 761	39.50	Minden,LA(cs)			
KKA 537	39.50	Leesville,LA(cs)			
KTL 662	39.50	Lafayette,LA(amb)			
KKV 332	39.50	Oakdale,LA(p)*			
KBR 222	39.50	PortAllen,LA(p)*			
KKO 975	39.50	"(cs)*			
KEO 283	39.50	MorganCity,LA(p)			
KKE 681	39.50	VillePlatte,LA(p)			
12-14:					
KGE 374	39.02	Fredrick,MD(cs)*			
12-17:					
KRE 117	33.90	York,PA(cf)*			
KGE 633	33.90	Summerdale,PA(cf)			
KJY 884	33.90	WestChester,PA(cf)			
12-18:					
KGC 775	33.90	Lancaster,PA(cf)			
KGC 774	33.90	Ephrata,PA(cf)			

<u>12-23:</u>			<u>12-24:</u>		
KGD 554	46.06	MtHollySpgs, PA(cf)	KKD 811	39.50	Homer, LA(cs)
KGH 277	33.90	Lancaster, PA(f)	KSE 868	39.46	Eldorado, IL(p)
KGC 751	33.82	Mt. Joy, PA(cf)	KSD 711	39.46	Albion, IL(cs)
<u>12-24:</u>			KVG 332	39.50	Lawrencvle, IL(cs)
KAB 224	39.46	McPherson, KS(p)	KSD 393	39.50	Litchfield, IL(cs)
KAA 977	39.46	Newton, KS(p)	KBZ 216	39.50	Rushville, IL(cs)
KAG 712	39.46	Greensburg, KS(cs)	KKH 300	37.10	Bentonville, AR(cs)
KKA 398	37.18	SanAngelo, TX(p)	KKR 364	37.10	Batesville, AR(cs)
KKA 331	37.18	McKinney, TX(p)	KAA 474	37.10	Washington, IA(cs)
KKC 934	37.18	Stevensville, TX(p)	KAP 321	37.10	Maquoketa, IA(cs)
KFB 990	37.18	Weatherford, TX(cs)	<u>12-26:</u>		
KLE 885	37.18	MineralWells, TX(p)	KKD 260	37.20	Magnolia, AR(cs)
KKW 445	37.18	Springtown, TX(cs)	KUU 320	37.20	Eldorado, AR(cs)
KKA 296	39.50	Bastrop, LA(cs)	KIB 478	45.06	Tallahassee, FL(sp)
KSZ 980	39.50	Bernice, LA(p)	KIB 473	45.06	Pensacola, FL(sp)
KKD 826	39.50	Gonzales, LA(cs)	KKA 923	39.50	Jennings, LA(cs)
KKE 504	39.50	Donaldsncvle, LA(cs)	<u>12-27:</u>		
KKD 590	39.50	Harrisonbrg, LA(cs)	KAG 767	33.90	Easton, MD(cf)
KKA 270	39.50	Tallulah, LA(cs)	KGC 770	46.14	Centrevle, MD(cf)
KKF 269	39.50	St. Joseph, LA(cs)			

amb-ambulance; cf-county fire; cp-county police; cs-county sheriff;  
f-fire; lg-local govt; p-police; sd-sheriff dpt; sp-state police

Now, my loggings. Hallcrafters SX-62 with 2 long wires (30' at 12' with  
n.e.-s.w. and n.w.-s.e. runs); daily peak F2 MUF listed (for US if near  
or over 32 MHz); all F2 unless noted; new underlined; GMT used

<u>12-13:</u>	1836, 30.02	<u>20:</u>	1510, 32.25	<u>28:</u>	1957, KDN 407 (Es)
<u>14:</u>	1644, hi 33 US		1800, KKV 200 (Es)		2047, KAQ 606 (Es)
	1746, KME 438 (Es)		1802, KIQ 999 (Es)		2112, KAI 927 (Es)
<u>15:</u>	1915, 30.80 US		1901, KAQ 606 (Es)		2152, OK City (Es)
<u>16:</u>	2020, 32.000		1925, KAI 927 (Es)	<u>29:</u>	1937, 31.14 US
<u>17:</u>	2027, 35.28		2055, hi 31 US nw	<u>30:</u>	1830, 30.92
	2120, hi 31 US	<u>21:</u>	1620, 30.42	<u>1-1:</u>	2125, 32.000
	2145, KGA 723	<u>22:</u>	1725, 31.46 US	<u>2:</u>	0330, KOE 257 (Es)
<u>18:</u>	0045, KSC 645 (Es)		1755, WYFR-a	<u>4:</u>	1718, 32.000
	1805, KOP 303	<u>23:</u>	1715, 31.42 US	<u>5:</u>	1640, 30.42
	1811, KSV 810		1950, 37.000	<u>6:</u>	0125, KAI 927 (Es)
	1817, UN Radio	<u>24:</u>	0157, KMA 829 (Es)		KDN 407 (Es)
	1837, KUA 288		1802, KOE 257 (Es)		2217, L Ang-a (Es)
	1840, 35.98		1813, 31 + US		2219, KMA 829 (Es)
	1850, KLL 390		1943, 32.96		2226, L Ang-b (Es)
	1855, hi 35 US	<u>25:</u>	1925, 32.000		2330, KFL 943 (Es)
	1902, KOK 418	<u>26:</u>	1758, KFJ 891 (Es)	<u>7:</u>	0005, 31.24
	1916, Salem		1759, KSJ 815 (Es)	<u>8:</u>	1715, 35.98
	1920, KDZ 385		1945, 37.000		1835, 31.72 US nw
	1926, KFL 943 (Es)		2020, KQD 313 (Es)	<u>9:</u>	0315, KSC 645 (Es)
<u>19:</u>	1610, KQD 313 (Es)	<u>27:</u>	1725, low 33 US		0332, KQC 884 (Es)
	1803, KIQ 999 (Es)	<u>28:</u>	1857, KLF 527		2100, 34.89
	1920, 33.16 US nw		1920, low 33 US	<u>10:</u>	1812, KAI 927 (Es)
	1945, 35.28		1950, 35.78		

other prior KUA 288 loggings (GST):

12-8-70:	1330	12-15-70:	1115	12-28-70:	1405
1-16-71:	1400	1-30-71:	1511	2-14-71:	1240
10-23-72:	1401	11-20-72:	1400	11-27-72:	1322
10-27-73:	1603	10-28-73:	1423		

This recently identified station has been heard on numerous other openings as far back as 1968 (while in Austin, TX)

KAI 927	35.34	Denver, CO	KOK 418	35.46	west-mpc
KAQ 606	35.58	Denver, CO	KOP 303	35.46	Langley, WA-mpc
KCA 723	31.54	Providence, RI-?	KQC 884	35 +	Detroit, MI
KDN 407	35.22	Co Spgs, CO	KQD 313	35.50	Dayton, OH
KDZ 385	33.08	Colma, CA-h	KSC 645	35.58	Chicago, IL
KFJ 891	35 +	Columbus, OH	KSJ 815	35.22	Fort Wayne, IN
KFL 891	35.58	Las Vegas, NV **	KSV 810	33.08	Portland, OR-h
KIQ 999	35.34	Mobile, AL	KUA 288	35.22	Portland, OR **
KKU 200	33.70	Metairie, LA-cf	WYFR-a	30.22	Scituate, MA-ha
KLF 527	35.22	Honolulu, HI **	L Ang-a	35.38	Los Angeles, CA-mp
KLL 390	35.26	Langley, WA-mpc	-b	35.46	"
KMA 829	35.58	San Diego, CA	-	35.58	OK City, OK *
KME 438	35.22	Orange, CA	-	35.26	Salem, OR-mp
KOE 257	35.22	Phoenix, AZ	UN Radio	30.82	Greenville, NC-ha

cf-county fire; h-hospital; ha-h.f. harmonic; mp-mobile phone (mpc - A2 tone ID) rest are pagers with tone ID's, except \* voice and \*\* tone messages with voice ID

Tnx to Rick Stein a rather ancient unID of mine has been resolved:

KCA 305 37.54 Eddington, ME (Bangor Hydro Electric Company)

11-10-70: 1550 11-17-70: 1425 11-22-70: 1425 11-24-70: 1335  
12-10-70: 1302 1-11-71: 1415 (all CST)

Dec 1974 10.7-cm solar flux and Fredericksburg(VA) A-Index

1: 82	3	8: 72	8	15: 86	9	22: 93	12	29: 77	8
2: 81	18	9: 72	26	16: 91	5	23: 86	13	30: 77	4
3: 79	9	10: 73	16	17: 91	9	24: 83	9	31: 78	15
4: 77	11	11: 79	15	18: 93	20	25: 82	7		
5: 75	3	12: 80	16	19: 95	22	26: 78	14	avg:	81.3
6: 74	5	13: 81	11	20: 90	20	27: 77	14		
7: 73	7	14: 81	11	21: 89	12	28: 76	11		

Based on solar flux data since 1970, Cycle 20 is still declining though the smoothed average has been virtually constant from Nov 1973 to Jun 1974 (running 86-88). Using Swiss and American sunspot numbers (smoothed) things are about at the level they were in early 1962 in Cycle 19 (i.e., well over 2 years before minimum). It would take a very large and sustained drop in solar activity for the minimum to appear by Aug 1975 (as earlier hoped). 1976 or even 1977 are now being discussed as the likely bottom period. The view then becomes even more gloomy as some authorities give Cycle 21 little likelihood of being much (perhaps peaking at only half the maximum that Cycle 20 did).

Cycles 17, 18, and 19 were all larger than Cycle 20 (which smoothed out just over 100, Swiss and American; Cycle 19 was in the 200 range).

Nevertheless, magnetic disturbances can more than make up for a low solar flux (e.g., Dec 18 being the best day in Dec since 1972).

Copies of my ham radio Dec 1974 article are available for a 6 x 9 s.a.s.e (20 or 26 cents postage). Dealing with 30-54 MHz F2 effects from 1967-1974 it should be well-suited to the VHF Utility DXer.

To those contributors who send in a lot of tropo loggings, I'd appreciate mileages (approximate will do) with them as some appear to be rather excellent distance catches.

73. Pat WA5TYX

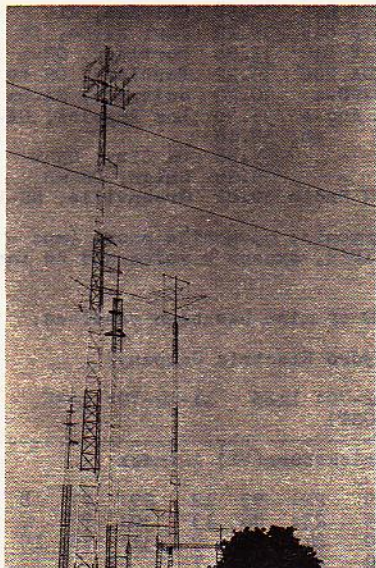
# PHOTO-NEWS

Jim Alexander  
Canisius College  
Box 2 - Bosch Hall  
Buffalo NY 14208

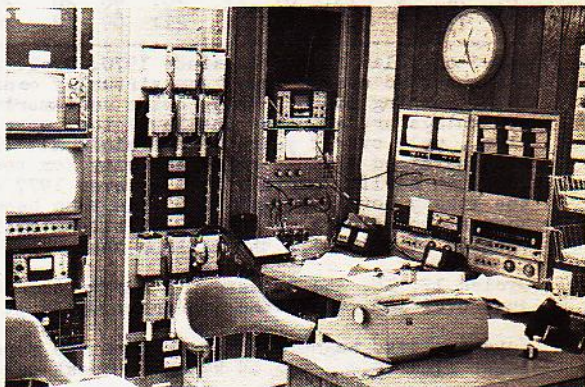
February 1975

## Feature

This month we pay a visit to Bob Cooper's place in Guthrie, Oklahoma. To the left is a photo of one of the most elaborate antenna systems around, and on the bottom of this page, part of Bob's DX shack...



There are six towers showing in this photo ... reading from left to right,



- (1) Far back tower is 120 foot with some two meter ham antennas on it;
- (2) Next tower is tallest one, 200 feet, self supporting. At top is 7 foot Finco dish, highly modified, with low noise broadband UHF pre-amp at feed; next is an 8 bay array (4 wide by 2 high) of modified Channel Master 1273 logs. Then a twin set of vertical two meter antennas side mounted; Then the circular thing is a channel 12 circular polarization helix at about 140 feet. Below that to right are a pair of CM 1273 logs fixed on Tulsa 8. Even with bottom bay of that, to left of tower, side mounted, is ten element channel 6 yagi (Tulsa) and below that on same side mount a local log for channels 4,5,9 and 13.



- (3) The next tower <sup>is</sup> about 130 feet high and has pair of six element six meter ham yagis. Just below the walking platform on it, on right leg, is a single CADCO log for channel 10 Ada.
- (4) Down close to ground next <sup>to rot.</sup> is a 30 foot high Rohn 25G with a five element channel 2 yagi and a five element channel 3 yagi, on rotor.
- (5) Just to the right of that is one leg of a 40 foot high <sup>tri</sup>angular tower that is 20 foot on a side. Showing on a rotor on one leg is a Channel Master 1226 low band log, vertically mounted, and above it on the rotor a Stereo-Probe 9 for FM. On the same triangular tower far right are some more two meter ham antennas.
- (6) The last tower showing is the self supporting 100 footer; on top are two Channel Master 1226 logs stacked horizontally. Laced on the bottom support bar just above the top of the tower are vertically polarized yagis for amateur six and 2 meters.

Behind typewriter in wall-installed mini rack on right is (bottom to top) Setchell Carlson DEM919 demodulator (receiver, Heath AJ-15, and several CADCO customized FM bandpass filters. On top is a shelf with spare CADCO IPA low noise VHF pre-amps.

In next mini rack (i.e. second from right) is bottom to top another SC DEM919, a UHF control panel with toggle switches and a panel mounted highly modified BTX-11A, a blank panel, a F fitting test panel for signal sampling for the spectrum analyzer, and finally on top twin 9 inch GBC monitors in rack.

Just to left of twin Ham M rotor boxes in floor to ceiling rack at (top to bottom) a set of four tuneable CM tuneable traps, then a custom switching panel to select appropriate pre-amps, bandpass filters, traps for each channel, a switching panel with three knobs that allows me to route any demod to any monitor, a conrac 8 inch monitor, and a Jerrold/Texscan model VSM-1 spectrum analyzer (4-300 MHz).

In next rack to left, which you see only part of, there are single channel bandpass filters and single channel low noise pre-amps for some of the high band channels.

Finally, in far left rack in photo three, you see part of a B/K 1077B analyst, a Delta-Benco FSM-4 field strength meter, a Conrac rack mounting 17 inch monitor, a Sony combo monitor/receiver (Trinitron) and at the top a signal processing system for channel 7.

73, Jim

# FM QSL CORNER

Greg Kelley  
181 Hurst Ave. NE,  
Roanoke, Va. 24012

Feb '75

- AZ SIERRA VISTA KTAN 100.9-1tr in 10 days. JAMES H. YOUNG, ce. (SW)  
TUCSON KWFM 92.9-1tr in 15 days from ALLAN S. HAM????L. (SW)
- FL MIAMI WIGL 107.5 -1tr from WWOK-AM, says delay due to heavy construction.  
QSL of equipment test. E. GLYNN WALDEN, ce (6 mo) (KRS)  
MIAMI WTMI 93.1-1tr for equip. test xmsn. WILLIAM C. COTHRON (KRS)  
TAMPA WDAE 100.7-1tr from RICHARD R. LUCAS, ce. (TY)
- IL LINCOLN WLCC 88.9-fill-in card, lweek on 2nd try. JOHN YOUNG-gm (KRS)
- MD ANNAPOLIS WRNV 89.7-1tr from JIM SANFORD. (I'm first to rpt.) (TY)
- NJ SOUTH ORANGE WSOU 89.5-unsigned card in 10 days. (KRS)
- OH CINCINNATI WGUC 90.9 1tr & prgm guide. (TF)
- OK STILLWATER KOSU 91.7-1tr & prgm guide GLENN HAUSER, music dir. says  
I would have heard him if the reception had happened  
30 minutes earlier. .... (SW)
- TN JOHNSON CITY WQUT 101.5 1tr, brochure, cm from EDWARD BRYANT, ce & wp  
(TF)
- TX HEREFORD KPAN 106.3 1tr & apologies for delay. MICHAEL MARGRAVE, ce.  
replay took 50 days. (SW)
- ONT OTTAWA CFMO 93.9-card from CFRA-Am. W.G. ROACH, ce -10 days. (KRS)

contributors for this month are: KRS-Ken Simon, West Palm Beach, Fla.  
SW-Steven Wiseblood, Santa Maria, Ca. TY-Tom Yingling, Baltimore, Md.  
TF-Ted Fleischaker, Louisville, Ky.

Here we are in the city of Roanoke, Virginia at 1000 feet above sea level with mountains all around. A big snow just barely missed us and the mountains to the West are covered with snow. Its getting right cold tonight as it is already 20 degrees at 7:15 pm.

FM reception here is right good...in fact...much better than it was before...A Tr took place on the 30th of Dec and Oak Ridge, Tn came in. About 30% of the time, WCMS and WTAR FM in Norfolk comes in, along with Bridgeton, NC of which both are around 200 or so miles from here. Almost everyday the two powerhouse stations in Richmond (WEZS-WRVQ) coming in, knocking out Eden & Charlotte, Nc.

I see by the Dec VUD that we have 23 new members..that is very good, as we can really use more members. Member Ted Fleischaker did a big write-up in his local newspaper on our club and he sent me a copy of it. He did a fine job on it and perhaps it will pull in more members. I noticed that we have a new member in Hollywood, Fla., I have an interest there and would be very interested in rpts from there. ....

Hope this type prints good, cause this typewriter is from the earlier years, around 1900 to maybe 1915. I put a new ribbon on it and cleaned the keys.

Now really.....I am OUT of rpts...surely you can get more rpts than this.. Most of the stations I get are not "new"....so lets get on the stick... 73e in 75.. hang in there until next month....

*Greg*

# TV QSL CORNER

KENNETH R. SIMON  
520 Ingium Road  
West Palm Beach, Fla. 33403

Phone: 305-585-7415

- CN** WFSE Ch 3 HARTFORD, L-STEPHEN J. MYERS, ce. 2 weeks. (TJY). NOTE: address same as with old call WTIC.
- WEDE** Ch 24 HARTFORD, L-JOHN W. KEAN, vp/s. 2 weeks. (TJY).
- WHNE** Ch 30 NEW BRITAIN, C-WM. CANORA, ce. 2 weeks. (TJY).
- WEDW** Ch 49 BRIDGEPORT, L-JOHN W. KEAN, vp/e. 2 weeks. (TJY).
- W61--** WATERBURY, included w/WEDE QSL. (TJY). (NOT W61AA--ken)
- W71AC** NEW HAVEN, included w/WEDE QSL. (TJY).
- IN** WIBE Ch 49 MUNCIE, L-JAMES E. MILLER, ce. 33 days w/rp. (RL).
- KS** KTVC Ch 6 DODGE CITY, Non-specific card, Printed-BEN DAVIDSON, ce. 1 week. (KRS).
- MD** WWPB Ch 31 HAGERSTOWN, L-from WMPE Ch 67, DAVID L. GRAHAM, ce. (TJY).
- MA** WSMW Ch 27 WORCESTER, R-WILLY WITTENBERG, ce. 2 weeks. (TJY).
- WHYN** Ch 40 SPRINGFIELD, LM-TED GRATKOWSKI, ce. 8 days. (TJY).
- WLVI** Ch 56 BOSTON, L-RICHARD A. LIPSON, e mgr. (ex-WKBG) 10 days. (TJY).
- MI** WUHQ Ch 41 BATTLECREEK, C-unreadable. 5 days w/rp. (RL).
- MO** KMOX Ch 4 ST. LOUIS, F-P. W. BARRETT, d/info serv. (JA).
- OH** WBGU Ch 57 BOWLING GREEN, LMP-JOAN H. GORDON, d/TV info. 37 days w/rp. (RL).
- TN** WNCE Ch 2 NASHVILLE (ex-WSIX-2, WSIX-8) L-RICHARD H. ZEIGLER, ce. 2 months. (TJY).
- WI** WHA Ch 21 MADISON, L-GENE ZASTROW, asst. tech. dir. 12 days w/rp. (RL).
- NOTES on abbreviations: L=letter, C=card, R=reply on your report, M=maps, P=program information, rp=return postage, F=fill-in card.

Jim Alexander says to get a QSL from WHYS-9 SYRACUSE send it to C.F. Mulvey, ce. I just spoke to WFCB-45 MIAMI's ce TOM MONROE, BOX 21218, FORT LAUDERDALE, FL., 33315. They had just gon on and were pleased I logged them 18 minutes after sign on. He said he's glad to hear any reports. (They have been planning going on the air since 1969!). If a station goes on in your are find out what the QSL situation is and let me know. In the over a year I've been doing this column I've amassed quite a few 3 x 5 QSL reports but would you believe 5 states are lacking. Well, maybe nobody has QSLed HAWAII or ALASKA recently, but I can't believe nobody has QSLed any CALIFORNIA, NEW MEXICO or OREGON stations! QUESTION: Do you want addresses included? Anybody visiting or traveling through Florida is welcome to drop by... Call ahead or write me in advance so you can work a meal out of us.

Just found out that Richard Clark and I have the convention. If you plan to attend let me know so we can get the facilities ready.

THANKS TO: TJY Tom Yingling, BALTIMORE MD and KRS--me...  
RL R.W. Lord, CHICAGO IL 73# and see you at  
JA Jim Alexander, BUFFALO NY the 75 CONVENTION

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Just detectable 1	Just detectable 1	Deep to fast 1	Extreme 1
Heavy snow 2	Poor 2	Slow deep 2	Heavy 2
Moderate snow 3	Fair 3	Moderate 3	Moderate 3
Light snow 4	Good 4	Light 4	Light 4
Snow free 5	Excellent 5	None 5	None 5

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UHF Translator..... DX Guide	A complete listing of all UHF trans- lators operating in the United States. Includes call, location, power, and originating station. Also features a section on "DXing the Translators" by Robert B. Cooper, Jr. 28 pages.	\$2.00

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