

# VHF-UHF DIGEST

1974  
JUNE

- |    |                       |    |                 |
|----|-----------------------|----|-----------------|
| 1  | AGUASCALIENTES        | 17 | MORELOS         |
| 2  | BAJA CALIFORNIA NORTE | 18 | NAYARIT         |
| 3  | BAJA CALIFORNIA SUR   | 19 | NUEVO LEON      |
| 4  | CAMPECHE              | 20 | OAXACA          |
| 5  | COAHUILA              | 21 | PUEBLA          |
| 6  | COLIMA                | 22 | QUERETARO       |
| 7  | CHIAPAS               | 23 | QUINTANA ROO    |
| 8  | CHIHUAHUA             | 24 | SAN LUIS POTOSI |
| 9  | DISTRITO FEDERAL      | 25 | SINALOA         |
| 10 | DURANGO               | 26 | SONORA          |
| 11 | GUANAJUATO            | 27 | TABASCO         |
| 12 | GUERRERO              | 28 | TAMAULIPAS      |
| 13 | HIDALGO               | 29 | TLAXCALA        |
| 14 | JALISCO               | 30 | VERACRUZ        |
| 15 | MEXICO                | 31 | YUCATAN         |
| 16 | MICHOACAN             | 32 | ZACATECAS       |



# publishers' notes...

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

**WTFDA CONVENTION COMING SOON...** The first weekend of August (2nd thru 4th) is just around the corner. Plan now to attend the WTFDA convention in Topeka, Kansas. If you've ever been to a WTFDA convention, you know how enjoyable they can be. If this is your first WTFDA convention, you're bound to be glad you came. The convention itself will be held in a studio of KTWU, channel 11. Motel rooms are available at the Holiday Inn Topeka West, and the Universal Inn (motels adjacent to each other). The Saturday evening banquet will be at the Holiday Inn. The Universal Inn rates are lower than the Holiday Inn, but the Universal does not have a pool. Dave Pomeroy reports that the "Universal is new-- quite clean and nice." Both motels have color TV sets. Rates are as follows:

Holiday Inn: Single \$15, Two people \$21, Family \$23.

Universal Inn: Single \$8, Two people (1 bed) \$11, Two people(2 beds) \$12.42. No charge for children under 6.

A convention registration form can be found in the center of this issue. If you plan to attend the convention, fill out the form as soon as possible and be sure to indicate what motel you prefer. Be sure to check with other WTFDAers in your area if you'd like to "pool it."

**TV DX FROM SPACE...** On May 30th NASA launched ATS-6, "the most complex, versatile, and powerful communications spacecraft ever developed." For a period of one year, ATS-6 will be in a geosynchronous orbit (fixed), beaming television signal in the 2600 MHz band toward the US. This same satellite will later be moved over India to provide direct transmission to small, low cost, receiver sites. NASA feels that all that will be required for adequate reception will be a \$60 converter and a 10' dish antenna made from "chicken wire and wood". Several US government agencies plan to broadcast signals to the Rocky Mountain region, the Appalachian states, and the states of Washington and Alaska (during different months). Believe it or not, one of the main receiver sites for the Appalachian educational TV project is in Fredonia, New York (in Seybold's back yard??). We hope to bring you a full report in a coming VUD on the chances of receiving these broadcasts on a home brew converter. (circuits anyone??) The converter would also be useful for DXing the many earth bound Instructional TV Stations. In fact, in the Chicago area, a "Catholic TV Network" is planned for the ITV band.

**SPECIAL BACK ISSUE OFFER...** You can now get any of the available back issues at a reduced price. Any four back issues are \$2.50, a 50¢ savings. You can save \$2.50 when you buy any ten back issues for \$5. The single price for back issues is still 75¢ each. You'll find a list of the available back issues on our back cover... A new supply of Log Sheets and Station Report Forms are also on hand. Order now and prepare for the coming season! .. The WTFDA TV TRANSLATOR GUIDE is selling well. In fact, it's moving faster than we had expected. The GUIDE was printed in a small quantity, spiral bound, and a full 8 1/2 x 11.

Next month Don Ruland takes over as editor... 73, Gary and Morrie

# WTFDA Member Survey

by Jim Alexander

A survey of WTFDA members was taken in late September of last year, and the results are ready for publication. The survey covered members' areas of DX activity; interest in various types of columns, and opinion of the columns that presently appear in the VUD. Specific questions in the survey included the possible limiting of members' DX reports to 1 page per month, and the use of the paragraph as opposed to the column format in the DX report columns. Almost 100 members sent in a survey. Here, starting with some numerical data, is some of what these members had to say.

First, members were asked to rate their level of DX activity on VHF-TV, UHF-TV, FM radio, and VHF radio. This was the response:

	Very Active	Active	Slightly Active	Inactive
VHF-TV	36%	21%	30%	14%
UHF-TV	29	19	33	18
FM radio	27	20	27	25
VHF radio	7	6	19	73

63% of the members that answered had been DXing at least one of the above areas of interest for 5 years or more.

Zenith TV sets were the most common rx's of TV DXers. On VHF-TV for antennas most had either yagis or log periodics. Parabolic dishes were popular among UHF-TV DXers, with the Finco 7' dish being the one used most. CMA-Ub pre-amps were also popular among the UHF-TV DXers. The Heath AJ-15 seemed to be the most popular FM set. FM antennas were mainly yagis. VHF radio DXers used various brands of rx's, with Realistic and Regency seeming to be the most often used.

Members were asked to rate some 19 columns that appear in the VUD. Here are the four columns that were rated highest :

	Excellent	Good	Fair	Poor
Bob's Tek-Notes	74%	20%	5%	1%
FCC-FM	63	30	6	1
Techni-Corner	62	31	7	0
FCC-TV	59	35	6	0

The last bit of 'rating' members were asked to do concerned interest in various types of columns. Here are the four types that were rated highest in the members' interest :

	Very Interested	Interested	Slightly Interested	Uninterested
DX Techniques	82%	13%	5%	0%
Propagation	65	27	9	0
Equipment Reviews	56	26	13	5
Question & Answer	38	42	14	6

Aside from rating columns and activity, members were asked to comment on WTFDA and its publication, the VUD. One item that members wanted was an article reprint service. Additionally, in support of this item, an NRC member said "Lest reprints appear to be a money-losing operation, bear in mind that here in NRC we have sold about 40,000 pages of reprints in the past 3 years; at even a fraction of a cent profit per page it'll help underwrite club expenses to an unexpected degree!" Other common requests were for more feature articles, and for more photos. A high percentage of those that indicated an interest in VHF radio asked for a more expanded column on this topic. One member said "... I believe that your little one-page column lets readers down... It needs new products for monitoring to be listed. It also needs info which can be related to most every reader, not just those in the logged areas."

There were some comments on the club organization. All but one was favorable, the exception being this one; "Club lacks democracy. Hq fails to answer mails. All important issues should be voted on by the membership. Glad to see the 1974 convention site voted on." In almost direct disagreement, another member said "WTFDA should continue to emphasize DX and DXing and play down organizational trivia such as club gov't, etc. DX clubs exist to provide up-to-date DX information for the membership; since DX clubs exist strictly by virtue of their volunteer workers, WTFDA should continue to resist the trap of 'democratic' government which has plagued or kill clubs such as IRCA and CDXC. The people that do the work should make the decisions." Another comment on the subject took a seemingly more middle-of-the-road view: "The club is growing rapidly, but its editorial membership is restricted to original members in a limited area. Newcomers pay up and read, exert not much influence. Perhaps an advisory board made up of members in various parts of the country, with various DX interests would make for a more broadly based, broadly appealing club. Hq does a fine job, but more club members must be involved."

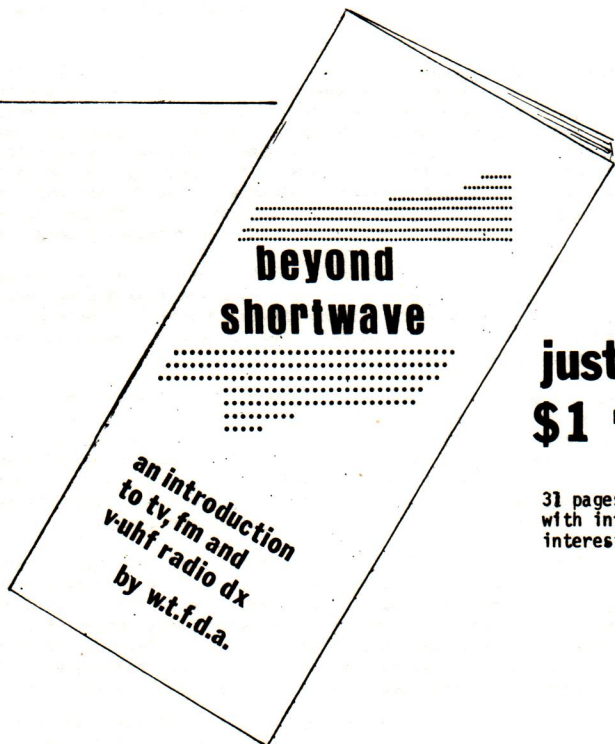
By far the topic that drew the most comment was the issue of how DX reports should appear in the VUD. Whether or not long reports were boring, and should be limited to 1 page per month was the subject of much debate. Answering the question "Do you consider long reports boring?", 57% said no, and 43% said yes. Those that opposed the limiting of FM DX reports were in the majority, 61% to 39%. The limiting of reports to 1 page per month for TV DX reports drew more opposition, as 65% opposed the possible limitation, and 35% supported it. Those that made written comments concerning DX reports, however, were more often than not opposed to lengthy reports. The member that seemed to be most in favor of limiting DX reports said "Even 1 page per month may be too much for members who ramble and repeat and for editors who lack the guts to edit... I am glad I do not edit a reporting column, for if I did I would get in there and really dig. I'd weed out all the irrelevant and cut almost everybody's 'DX' report down." Most comments in favor of stricter editing policies went along the lines of "Eliminate relog after relog!", and "Cut out the bragging and the repeats, and in my opinion all should be a lot better." There were a number of comments opposing the limiting of reports. One comment read "I think that member reports should not be limited because of the valuable content that would be lost if it was done... Before you know it, we will be like the IRCA and limiting reports to 2 lines." Another member said "Active DXers should not be penalized for their activity. Real DX never boring." An interesting point was brought up by these comments: "If you asked # 13 (question 13 read 'Do you consider long reports boring?' - jja), you should also have asked 'Do you consider heavily edited reports useless?' VHF-UHF DX in particular pours in when it rains, thus it should not be subject to arbitrary page limitations.", and "The purpose of a report, in my opinion, is to report conditions, not necessarily to name each and every catch, especially in rich DX seasons." Some members stated that straight lists of stations heard were somewhat boring, but that reports with comments included were interesting.

The question of the use of the paragraph as opposed to the column format was much more decisively answered. For FM reports, 67% favored the column format, and 84% favored the use of the column format in the TV DX report columns. Written comments also heavily favored the column style. Typical comments were "Reports in paragraph style are a real chore to plough through", and "Use column, rather than paragraph form for TV or FM reports - makes it much easier to read, and later especially easier to find or pinpoint information you may be looking for."

Still another question pertaining to DX reports was whether or not program material received should be included in TV and FM DX reports. On TV reports the answer was 56% yes, and on FM 68% yes. Written comments were mainly along the lines of "Program material should be included with TV or FM DX reports if the DXer cares to send it in, but it should be limited to what may help other DXers."

There were suggestions that DX reports be removed from the VUD in their present form. One member suggested having the reports broken down by days instead of by DXers. "Accomplishments of DXers will appear in the Statistics column. The 'report' columns would be digests of what happened on particular days, sort of like QST's 'World above 50 Mc.' ." Another member suggested that the reports be mimeographed and sent as a supplement to the VUD. With the offset space saved, there would be more space for photos, equipment reviews, and construction projects.

What do the members think of WTFDA as a whole ? Probably the best indication comes from the answers to the question "How would you compare the VUD with other clubs' publications for overall quality and content?". Almost all that answered compared the VUD favorably. "As good, if not better" and "very good" were very common answers. If the rating of the VUD is any indication, members think highly of WTFDA.



**just**  
**\$1** FROM HQ

31 pages, jam-packed  
with information to  
interest the novice or pro.

# Quad Loop

by Bill Smith\*

The author's employer, Bob Cooper, president of CADCO, Inc., encouraged the writing of this article after the results obtained in my apartment DX shack.

Nothing new is claimed about this design, called a Quad Loop, but it is apparent that the design has been neglected by TV DXers. The quad was developed in 1939 by W9LZX for shortwave broadcast application at station HCJB, near Quito, Equador. The Quad Loop may be the E<sub>s</sub> antenna answer for many who live in apartments, or similar, and do not have the benefit of outside antennas. The Quad Loop is a single band, or channel, antenna because of its high "Q". It is a quarter-wave length on a side, figured by the formula: 248 divided by the center frequency of the desired television channel. (See Figure 1) For example, channel 2 is 54 to 60 MHz, so the center frequency is 57 MHz, making each side of the Quad Loop 4.35 feet. Similar calculation applies to whichever channel(s) you choose to DX. The

The loop may be made from electrical zip cord, (typically 5¢ per foot) split apart, and soldered at one end to form a single wire 8.7 feet long. The wire may be nailed to a wall (using small wire brads) in the shape of a square. It should be fed where the ends meet, either on a vertical or on a horizontal side. The feed must be at the center of either side. If the loop is fed on the vertical side, the antenna will exhibit predominately vertical polarization, and if fed on a horizontal side will have horizontal polarization.

Polarization shift of a signal propagated by E<sub>s</sub> may or may not allow it to arrive at your receiving site in the same plane as transmitted by the television station. It is therefore questionable whether a vertical or horizontal polarized receiving antenna is important. If, for instance, you have a local station adjacent to the channel you wish to DX, vertically polarized antenna will serve to reduce this interference by perhaps 30 dB, while having little or no effect on the desired E<sub>s</sub> station. Most TV stations transmit a horizontally polarized signal, so in a adjacent local channel situation, there is a definite advantage to make your Quad Loop vertically polarized.

The Quad Loop's maximum gain is broadside to its faces. Ideally, two loops should be used on opposite walls of the shack, ~~two loops~~ facing north-south, the other east-west, but the choice is yours. I have my Quad Loops covered with a decorative fish net. The white zip cord is all but unnoticeable, which my wife appreciates.

The Quad Loop may be directly fed with 75 ohm coax, the center conductor soldered to one end, the shield to the other. For the perfectionist; yes, an unbalanced condition does exist which could cause a standing wave problem, but for our purposes, may be neglected. Another advantage of a shack wall mounted antenna is that the 75 ohm coax feedline length may be kept to a minimum. In fact, if you need adjacent channel protection and/or voltage gain, a trap or preamplifier may be placed right at the feedpoint.

About performance... from personal experience the quad loop far outperforms a standard dipole. Theory says the Quad Loop has a 9/10 gain over a standard dipole. In practice, the gain appears to be much better. Single channel tower-mounted antennas obviously are better, but the so called all-channel antennas are a compromise at any channel in terms of gain, feed point impedance and similar parameters, all of which are compounded by lengthy feedlines. A typical 100 foot feedline can cost you many dB and in fact, a

\*Bill Smith, W5TVB, has been a vhf amateur for nearly 20 years and has been the editor of QST magazine's "World above 50 Mc." for more than seven years. Bill is a W7FDAer and can be written to at Box 18904, Oklahoma City, OK 73118

simple indoor antenna such as the Quad Loop may well outperform an expensive outdoor array for Es reception.

I do know that my simple 45¢ Quad Loop holds its own against larger expensive arrays, and is likely the best you can do with an indoor antenna, because I've tried them all. I needed a system that would allow me to meet Bob Cooper face-to-face every morning at the office when we compare Es results. In all fairness, the Quad Loop finishes second to a log or Yagi over tropo paths.

One last thought... 5 to 6 dB gain over a single Quad Loop may be had by mounting a second closed loop of the same size behind the driven element, by a distance of the center frequency divided into 118 (Figure 2). For channel 2, the distance is 2.07 feet. The antenna could be closet mounted with the loops attached to opposite walls, or on either side of the same wall, depending on the channel design. Maximum gain is off the face of the loop that is fed. Back signals are rejected by as much as 25 dB.

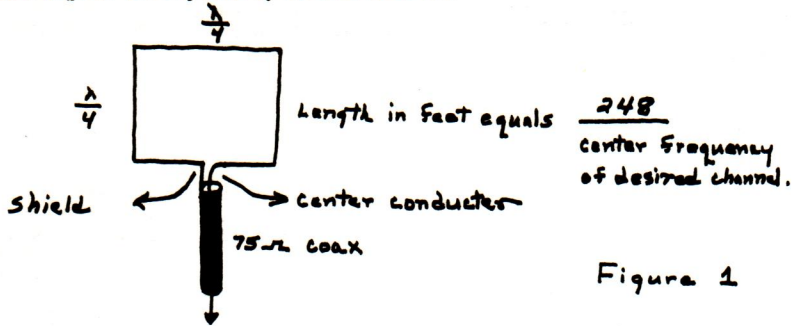


Figure 1

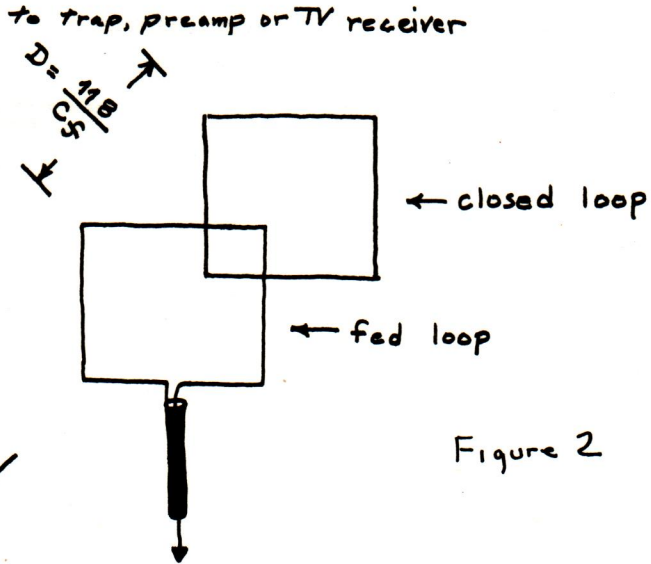


Figure 2

The length of each side of each loop is determined by formula  $L = \frac{248}{C_f}$



# FCC NEWS - DATA

Roger H. Brown WN8SEN  
1617 Linden St.  
E. Lansing, MI 48823

June 1974

## STATION STATUS CHANGES

KPVI-6 Pocatello, ID on 4-26  
WNIT-34 South Bend, IN on  
(officially) 4-28  
WUHY-35 Philadelphia, PA off  
temporarily early May  
WRFT-27 Roanoke, VA off until  
5-28-74

## APPLICATIONS FOR NEW STATIONS

Council Bluffs, IA-ch. 32 Educational  
730KW Vis., 320' AAT  
St. Louis, MO-ch. 40 Educational  
60KW Vis., 370'AAT  
McAllen, TX-ch. 48 3200 KW Vis.  
980'AAT

## CPs GRANTED, MODIFIED

New-23 Brownsville, TX CP for Comm.  
Station with 4500 KW Vis., 450'AAT  
WBRB-68 Newark, NJ CP changed for  
2000 KW Vis., 750' AAT. Station owned  
by Blonder-Tongue, will be Pay TV

## CALL LETTER CHANGES

WRJA-TV ch. 27 Sunter, SC new Educ.  
KIVI (TV) ch. 6 Nampa, ID was KITC  
KJAA (TV) ch. 36 Red Oak, IA new Educ.  
WGLJ (TV) ch. 24 Memphis, TN new Comm.  
WLVI-TV ch. 56 Boston, MA was WKBG-TV

## CHANGES IN ACTIVE STATIONS

KAIL-53 Fresno, CA CP for 2900 KW Vis.,  
1850' AAT  
KGO-7 San Francisco, CA CP for 316 KW Vis.,  
1700' AAT  
KCRG-9 Cedar Rapids, IA CP for 316 KW Vis.,  
2000' AAT  
WCBS-2, WNBC-4, WNEW-5, WNYC-31, WOR-9, WABC-7  
WNET-13, WXTV-41 CPs for move to World  
Trade Center, New York City.  
WGG-16 Greenville, SC CP for 230 KW Vis.,  
1200' AAT

## TRANSLATORS

Saratoga, CA Li Cancelled for K12DU  
Peach Springs, AZ K73AJ primary sta. KTAR-12  
St. Mary's Co., MD w71AF prim. Sta. WCPB-28  
Paonia, CO Lisc Granted K06HZ, K11LU  
Scobey, MT Lisc Granted K03DP, K13MA  
Flagstaff, AZ Cancel K71CF, K73CD, K82BH  
Battle, Mt., NV K111Y primary now KEKO-10  
Copper Canyon Mines, NV prime now KEKO-10  
Kennydale, WA cancel K79BD  
Honesdale, PA lisc granted W80AM  
Mena, AR cancel K13JH  
Daggett, CA K71BB, K73AV to ch 57, 59

## MISCELLANEOUS

Licenses cancelled for WFAN-14 Wash. DC,  
WMET-24 Baltimore and WSUN-38 St. Pete, FL  
More next month. 73 and peace. ROG



# FCC FM NEWS

Bruce F. Elving, Editor  
Box 2h  
Adolph MN 55701, U. S. A.

## New Construction Permits

Jr. College  
AL Gadsden \*89.9 3500; 76' Gadsden State/  
AK Sitka \*100.1 10 High School  
AR Berryville 107.1 1000 h,v; 451'  
CA Dinuba 98.9 8800 h,v; 1000' Final Dec-  
CA Pismo Beach 95.3 1680 h,v; 389' [iston  
CA Stockton \*90.3 10  
CO Oak Creek 103.9 400 h,v; 98'  
IL Chicago \*88.1 10; U of IL, 601 S.Morgan  
IL Geneseo 104.9 3000 h,v; 265'  
KY Elkhorn City 103.1 2050 h,v; 209'  
ME Sanford 92.1 3000 h,v; 52'  
MI Caro 104.9 3000 h,v; 300'  
MI Harrison 92.1 3000; 300'  
MN Duluth \*92.9 46000 h,v; 603' MN Ed.Rad.  
MS Brandon \*97.7 3000 h,v; 290'  
NY Geneva 101.7 3000 h,v; 117' Final Dec.  
NY Saratoga Springs \*91.1 10 Skidmore Col.  
PA Norristown \*91.5 10  
SD Spearfish \*89.1 10 Black Hills College  
TX El Paso 95.5 100000 h,v; 1197'  
UT Mount Pleasant \*91.1 10  
UT Vernal 92.7 1350 h,v; 430'  
WI Green Bay \*90.1 10  
WY Jackson 96.9 55100 h,v; 963'

TN Memphis WQXX \*88.5 2150 h,v; 507' \$  
TN Oak Ridge WKLI-FM 100.3 100000h,v; 2000'  
TX Beaumont KVLU \*91.3 24000; 550'

# KRSS DELETES!

WI Milton WMOF \*89.9 10

## Call Letter Assignments and Changes

AL Montgomery 103.3 WNGZ (from WAJM\*-FM)  
CA Livermore 101.7 KKIQ (from KYTE)  
CA Nadera 92.1 KUUL (\*cool\*?)  
CA Salinas 103.9 KCTY-FM (from KERR)  
CO Denver 103.5 KOAQ (from KOA-FM)  
CO Pueblo 99.9 KPUB-FM [Radio]  
CO Steamboat Springs 96.7 KBCR \*Big Country/  
DC Washington 93.9 WKYS (WRC-FM) Still MOR  
FL Goulds 98.3 WOOA  
FL West Palm Beach 92.1 WMBB  
FL Hialeah 92.1 WCMQ-FM (WQXK) Latin; Spanish  
IL Centralia 95.3 WRXX (from WILY-FM)  
IL Freeport 98.5 WFRL-FM (WELL\*-FM\*)  
IA Iowa City 93.5 KRMA (KOLG)  
KS Marysville 103.1 KNDY-FM (\*candy\*-land)  
KY Stanton 104.9 WSKV  
LA Lake Providence 92.7 KBED  
ME Fort Kent \*90.3 WUFK  
ME Scarborough 106.3 WJBQ\*-FM\*  
MA Tisbury 95.9 WVOI  
MI Whitehall 95.3 WLRQ (from WLRC-FM)  
MN Northfield \*90.3 KRLX  
MS Pascagoula 106.3 WPEM  
MS Winona 96.7 WONA-FM  
MO Branson 106.3 KIRK\*-FM\* (KPLD)  
MO St. Joseph 105.1 KSFT (KUSN-FM)  
MO St. Louis \*89.3 KOMR  
NE Sidney 95.3 KSID-FM  
NM Humble City 94.1 KPDE  
NM Mesilla Park 104.9 KOPE  
NY Henrietta \*90.5 WRHR  
NC Roanoke Rapids 102.3 WPTM [place religion?]  
NC Winston-Salem 93.1 WSEZ (WGPL) MOR to re-  
OH Marietta \*88.3 WMRT Marietta College  
OK Langston \*90.7 KALU  
OK Oklahoma City 107.7 KAEZ  
OK Stillwater \*90.9 KOAS  
PA Johnstown 92.1 WAAT  
SC Camden 94.3 KPUB-FM (See also Pueblo CO)  
SC Summerville 93.5 WNNZ soul music  
TN Brownsville 95.3 WTBG\*-FM\* (from WBHT-FM)  
TN Lovelville 94.3 WTHJ  
TX Edinburg 107.9 KESI  
VA Centralia \*91.3 KCED  
WV Morgantown 100.1 WCLG-FM

Dual-City Identification FL Sarasota WQSR  
102.5 to Sarasota-St. Petersburg  
Deletion [station  
ND Mandaree KRSS \*88.1 Indian Reservation/

## Changes in Facilities

AL Fairhope WGOK-FM 92.1 300' (3000h,v)  
CA Blythe KYOR-FM 100.3 35000 h,v; 380'  
CA Chico KFMF 93.7 14000(215')  
CA Santa Barbara KOB-FM 93.7  
12500 h,v; 870'; and KRUI 103.5 2980'  
(105000 h,v). CO La Junta KBJL 92.1 300'  
FL Jacksonville WQIK-FM 99.1 46000 h,v;  
325'; GA Atlanta WKLS 96.1 850' (100kw)  
IL Chicago WLAK 93.9 3000 h,v; 1532'  
IL Skokie-Chicago WCLR 101.9 3000h,v;  
1540'. KY Paducah WPAD-FM 96.9 70000  
(337?'). ME Skowhegan WIOS from 105.1  
to 106.7 (\$, 25000 h,v; 2420')  
MO Baltimore WSPH from \*90.3 to \*88.1  
(10 w); ordered by FCC to change fre-  
quencies to eliminate interference.\*  
MA New Bedford WMY5 98.1 37000; 290'  
MI Battle Creek WKFR-FM 103.3 31000 (72')  
MI Detroit WOMC 104.3 19000h,v; 360'  
MI Munising WQXD 98.3 1800 h,v; 380'  
MI Petoskey 98.9 WJML-FM 100000 h,v; 800'  
MN Minneapolis WCCO-FM 102.9 100000 h,v;  
1300'; MO Columbia KOPN from \*89.7 to  
\*89.5 40000; 200' [\*91.7 80000; 175'  
MO Point Lookout KSDZ from \*88.1 to/  
MO Springfield KTTS-FM 94.7 100000; 615'  
NV Reno KNEV 95.5 530' (50000)  
NH Newport WCNL-FM from 104.9 to 101.7  
(2000; -210'). NC Raleigh WRAL\*-FM\*  
101.5 to 150000 h,v (990'). OH Steu-  
benville WSTV-FM 103.5 12000 h,9500 v  
(880'). OK Edmond KWHP 97.7 300'  
SC Aiken WNEZ 99.3 adds v  
TX Arlington KAMC 94.9 100000 h,v(670')  
TX El Paso KEZB 96.3 90000 h,v; 730'  
TX Houston KIKK-FM 95.7 48000 h,v; 700'  
VA Exmore WEXM-FM 107.5 28000; 260',  
Calls changed from WEXM\*-FM\*.  
PR Bayamon WEEA 94.7 36000; 115'

## Starts Authorized - On Air and DX Ready!

CA Fremont KOHL \*89.3 10  
CT Fairfield WVOF \*88.5 10 album rock  
FL Winter Park WPFL \*88.9 10  
GA Atlanta WCLK \*91.9 54 w; 340'  
GA Tifton WABR\*-FM\* \*90.5 10  
IL Chicago WBHI \*88.5 10  
IL Godfrey WLCA \*89.9 10 [Calls, too]  
IL Quincy WQOC \*90.3 10; IN Jeffersonville  
-Louisville KY WQHI 95.7 33000 h,v; 580'  
IN Rensselaer WJCK 97.7 3000 h,v; 300'  
IA Cedar Falls \*88.1 KHKE 2000 h,v; 210'  
[Calls, too]. KS Colby KTCC \*91.9 10[340'  
ME Gardiner-Augusta WKME 104.3 14500 h,v;  
ME Houlton WRNE \*89.1 10 [Calls, too]  
ME Portland WMEA \*90.1 47500; 1917' \$stereo  
ME Waterville WMBB \*91.5 10  
MA Waynard WAVM \*91.7 10 [Calls, too]  
MA Newton WZBC \*90.3 10 [\*Hit Parade\*]  
MI Marquette WUUN 100.1 \$ 1800 h,v; 370'  
MI Muskegon Heights WKJR-FM 101.7 3000h,v  
MS West Point WKBW 100.9 3000; 175' [300'  
MO Greenfield KRFG 93.5 2350 h,v; 330'  
MO Liberty KNWP \*91.9 10  
NJ Flemington WCVH \*90.5 69w; 300'  
NY Corning WCEB \*91.9 10 [soul music  
NY Rochester WDKX 103.9 3000 h,v; 300' \$/  
NC Farmville WRQR 94.3 3000 h,v; 300' r?  
OK Altus KWHW-FM 93.5 3000 h,v; 300'  
OR Lebanon KOMS 103.7 25000 h,v; 175'

In the February VUD a question was  
raised about the power, height of WRUT  
97.1 Rutland VT. It was correct as  
given: 830 h,v; 2580'.  
Silent, But to Resume Operations . . .  
IN Angola WAFM 100.1. Station has been  
sold, subject to its returning to the  
air within 60 days [100.1 \$ 3000; 210'].  
In Philadelphia, WDRV 101.1 and WRCP-FM  
104.5 withdrew their plan to swap fre-  
quencies; to stay where they are!

MN Alexandria KMCT-FM 100.7 \$ changes  
from rock to country music. WATK-FM  
104.9 Antigo WI \$ on 6 am to 10 pm.

## FM INDUSTRY NEWS AND MEMBERS REPORTS AND COMMENTS

The Nevada Public Service Commission orders Teleprompter's Reno cable system to re-  
sume carrying KSNV 94.9 San Francisco, following a campaign by local citizens demanding  
KSNV service. KSNV had been dropped from the system because of interference from a sta-  
tion on an adjacent channel (most likely KNIS 94.7 Carson City NV). Now the cable com-  
pany will have to spend the money necessary to bring in KSNV with a satisfactory signal.  
From a country music newspaper, it was reported that WCYN-FM 102.3 Cynthiaiana KY is  
country from 6 a. m. to 6 p. m; WVCN 100.1 Carrollton KY is country, as is WPDH 101.5

June, 1974

Poughkeepside NY, having recently switched from MOR. KTRM-FM 95.1 Beaumont TX is country "10 hours a day, including gospel."

In Connecticut, WLAD-FM 93.3 Danbury, now on with full power, went stereo, MOR, 6 am-midnight, "Music for all Seasons," and 100% separate from AM. WINE-FM 95.1 Brookfield CT now 24 hours. WTIC-FM 96.5 Hartford now automated all-classical (except simulcast of WTIC overnight), and WICH-FM 97.7 Norwalk is now country, 24 hours, "Easy Lovin' Country." WNYC (AM) New York each week has a program, "Visitors From the Other Side," interviews with people from the city's commercial stations, including FM stations. WERI-FM 103.7 Westerly RI, which simulcasts its AM 100%, does carry Holiday Inn's Dolly Holiday all night show--one of the few stations still doing so.

The FCC has proposed a rule that would reduce the amount of AM-FM program duplication that goes on. In larger cities, virtual 100% separation would be required, while the FCC is looking to others for comments on population sizes for smaller cities, and if the rule should be 50% nonduplication or not. It's my feeling the rule should apply to virtually all AM-FM stations (public AM-FM included), with maybe only 2-3 hours of separate programming in the very smallest markets. A WTFDA member Mike Collins opposes this proposal, thinking the present rule, applying to the largest cities, is sufficient. He doesn't want to see small coverage AMs with full service programming and wider coverage FM affils, like NJ's WJLK and WCFC have to separate their programming -- especially in the mornings when school closings, etc. are broadcast. Thus, "if the FCC extends the hours of nonduplication in major markets, I think it should be 9 am-midnight (instead of 6 am on) so the morning services can still be available on FM." New York's popular Don Imus is simulcast on WNBC-AM-FM from 6-9 a.m., for example.

WEZN 99.9 Bridgeport and WCTO 94.3 Smithtown NY, formerly directional, are both believed to now be nondirectional. WWRL-1600 New York is trying to buy WRNW 107.1 Briar-Cliff Manor NY, and simulcast WWRL's black format 50% of the time; they hope to use WRNW to get into Westchester County and the Bronx, where WWRL signal is weak.

KUHF #83.7 Houston reported back on the air. KWGS #89.5 Tulsa fears it will be off until September, as antenna blew down in mid-March; expects to relocate mast on a downtown tower. KIQQ 106.1 reportedly moved from Lyons to Sterling KS; not known if this is a change in city of license or a move of tower and/or studio. Apparently, Ellsworth and Great Bend translators of KIQQ to stay on the air. KHEB #91.9 Durant OK, 10 watts with a 130' tower, plans a power uppage and \$.

WJOJ 106.3 Picayune MS heard with MOR in \$; WBSJ 102.3 Ellisville MS seemed to be \$. KLEB-FM 94.3 Golden Meadow IA country and mono days; \$ rock nites. Hawaiian Telephone is phasing out its use of 98-108 MHz, so it's possible that eventually the entire FM band will be available in Hawaii, not just 88-98 MHz. With the deletion of KRSS, the only Indian-owned FM stations are KTDB #89.7 Ramah NM and \*100.1 Sitka AK (at Mt. Edgecumbe, a large boarding school with Indians, Eskimos and Aleuts attending).

Mike Dornier's 7th Progress Report is now available--a 10-pager, with tables, reports on FM's growth, and an analysis of the US-Mexico FM treaty. All this for 40¢ in U. S. stamps to cover postage and handling. Order from him at 1409 Hymelia Ave., Metairie LA 70003. When you're ordering and you know the heights and exact radiated powers of any 10 watt FM stations, let him know, as he's compiling a list that includes such data.

KDMS 103.7 Lebanon OR, now on the air, with MOR, with signal weak in Bend. In Bend, an FCC hearing will be held to determine who will get the last vacant channel. KPMA 92.7 Jerome ID is asking that 102.9 be assigned, presumably so KPMA can go to a full 100 kw. Rextburg 94.3 and Burley 98.3 have both been applied for.

In MI, WQXO 98.3 Munising MI recently tone testing; look for regular programming soon. WQXO and WQON (AM) are now cooperative weather reporting stations, so designated by the U. S. Dept. of Commerce. KPIK-FM Colorado Springs now operating on 93.9, \$, country, but exact powers and height unknown (from 94.3). As of May 1, WQXK 92.1 Hialeah FL changed to WGMQ-FM, Latin, soul, 24 hours a day, the first Spanish FM in the Miami area. WVUM #90.5 Coral Gables is \$, even though 10 watts. WDAE-FM 100.7 Tampa and WPRK #91.5 Winter Park, supposedly \$, are still reported to be mono. WMEA #90.1 \$ Portland ME id's with the Maine Public Broadcast Network, including WMEH Bangor. WERS #88.9 Boston went full \$.

WSPD-FM 104.1 La Plata MD now country music; station may change or move. WGUL-FM 105.5 New Port Richey FL is reported to have switched from MOR to country music.

Contributors last month: Robt. Baker, Humboldt IA; Dick Clark, MA; Dr. Richard E. Wood, Baton Rouge LA. More news: Adding \$ Lighthouse Point FL; Michael Collins, Hartford CT; Mike Dornier is WVVV 104.9 Blacksburg VA. From Bill Dickerman, Williamsport PA: WGR\*-FM\* 104.5 Wellsboro-Mansfield PA now on 104.5, calling selves "FM 104" and "country gold," 50000 watts, claiming to serve 17 counties in two states; Mutual news. Bill would like this column to list when stations with permits to increase power actually do change; but due to space considerations I have not considered this essential. I consider it news when a station does not consummate a power change or stalls it a long time; otherwise most power changes occur within 6 months of being granted. 73, *R. Dornier*

JUNE 1974

Deadlines:

10 June (14-17, 92 FM)  
 10 July (18-21, FM SB)  
 10 August (22-25, TV SB)

# STATISTICS

Editor:

Glenn Hauser

620 N. Husband

Stillwater OK 74074

**CORRECTION!** In the April issue we overlooked the fact that Bruce Elving, Adolph MN, has received KOSU- 91.7 Stillwater OK not only by MS but by tropo too (790 miles). Thus, with no favoritism from your editor, one of its employees, KOSU-FM is the only station to hold distance records on its channel for all four propagations!

**MS DX TEST:** We've had several requests from WTFDA members for an MS test from KOSU-FM, and are happy to comply. An hour of continuous IDs will be transmitted Sunday, 11 August, at 0700-0800 CDT. Please report! Tapes are welcome (any standard, reel or cassette) but enclose sufficient postage if you need them back.

**GUIDELINES FOR COMPUTING SCOREBOARD TOTALS AND DISTANCE RECORDS** could not be included in WTFDA's Beyond Shortwave, but every new member should have them. Get your copy, free on request; or you'll find them on page 21 of the May 1973 VUD back issue....

## TV SCOREBOARD

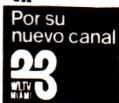
DXer, Location	S T A T I O N S					P O L I T I C A L U N I T S				YB	As of:	
	Total	UHF	Trl	Es	MS	USA	Can	Mex	For			Total
Robert Seybold, Dunkirk NY	640	227	28	155	28	49&	8	4	3	65	50	17 Mar
*Bill Draeb, Kewaunee WI	553	215	24	145	15	41&	6	1	0	49	53	13 Dec
*Roger Brown, East Lansing MI	421										57	21 Feb
*Gary Olson, Deerfield area IL	375	153	13	87	6	39&	6	2	2	50	58	19 Jan
*Don Ruland, Kenosha WI	334	139	3	55	24	36&	5	0	0	42	71	7 Feb
*Fred McCormack, Des Lacs ND	288	33	18	169	35	40&	6	2	0	49	64	6 Feb
Marvin Shults, Toulon IL	274	112	12	82	1	35	6	2	1	44	65	10 May
Rod Luoma, Livonia MI	259	123	2	40	5	30&	3	0	0	34	53	9 Apr
Frank Wheeler, Erie PA	249	48	0	108	4	32&	9	0	1	43	55	14 Mar
Pat Dyer, San Antonio TX	239	36		111	17	38	2	8	4	52	59	9 May
Paul Traska, Buffalo NY	225	92	0	36	15	31&	2	0	1	35	67	2 May
*Paul Petosky, Munising MI	210	15	10	91	3	36	6	0	0	42	54	6 Jan
Dave Egan, Valleyfield PQ	193	21	0	79	15	34&	5	0	2	42	67	27 Mar
Peter Gennuso, Dunkirk NY	189	62	1	49	1	23	4	0	1	28	73	25 Apr
Richard N. Allen, nr Billings OK	174	54	14	42	18	33	4	5	0	42	73	8 May
Glenn Hauser, Stillwater OK	168	34	1	61	1	32&	3	7	0	43	73	15 May
*Ken Simon, West Palm Beach FL	149	15	3	94	13	30&	4	5	8	48	69	2 Jan
Dennis Smith, Wasco CA	148	27	8	89	0	25	3	3	0	31	54	17 Apr
Jim Pizzi, Orcutt area CA	136	28	6	2		18	4	4	0	26	63	28 Mar
*Fred Nordquist, North Syracuse NY	123	21	0	40	2	26	3	0	1	30	69	2 Jan
Peter Sawatzky, Waterloo Ont	122	40	0	43	0	24	3	0	0	27	71	5 May
John Combs, Orlando FL	120	22	0	45	5	21	2	1	4	28	71	2 May
*Richard E. Wood, Baton Rouge LA	81	17	0	21	0	14	2	0	4	20	73	25 Nov
Jim Alexander, New Hartford NY	62	4		32		18	5	0	0	23	72	May
Clark Golubic, Pittsburgh PA	46	9	0	21	3	13	1	0	0	14	71	23 Mar
*Walt Windish, Woodcliff Lake NJ	34	34	0	0	0	7	0	0	0	7	72	Jan
*Steven Wiseblood, Santa Maria CA	31	0	0	25	0	11	3	2	0	16	73	10 Feb
Frank Wheeler, Erie PA (QSL)	209	37	0	93	1	31&	9	0	1	42	55	14 Mar
Dave Egan, Valleyfield PQ (QSL)	187	18	0	78	13	34&	5				67	27 Mar
*Ken Simon, W Palm Beach FL (QSL)	116	13	3	76	9	30&	4	3	6	44	69	2 Jan

Jim Alexander is the first to send in his average distances, which are another way of quantifying 'DX': Es: 920 miles; tropo: 110 miles. Let's have some more!

## NEW TVDX RECORDS

Ch	Call	Location	Prop	Miles	DXer, Location	Old Record
2	WPBT	Miami FL	Tr	1150	Pat Dyer, San Antonio TX	Hareshide 665
	KTCB-	Saint Paul MN	MS	1115	Pat Dyer, San Antonio TX	Girard 1070
	CKSA-	Lloydminster Alta	Tr	125	Anthony Markewicz, Alsask Sask	none
	CFCN-8	Oyen Alta	Tr	20	Anthony Markewicz, Alsask Sask	none
	CKGN-2	Bancroft Ont	Tr	195	Robert Seybold, Dunkirk NY	none
	CMA-	Habana Cuba	MS	1100	Richard Lowry, Temple TX	none
3	KCRA-	Sacramento CA	Es	1435	Pat Dyer, San Antonio TX	Rugel 1395
	WPSX-	Clearfield PA	MS	515	Bill Draeb, Kewaunee WI	none
	WTMJ-	Milwaukee WI	Es	1410	L. A. Canning, Goose Bay Lab	error 1220
	CFCQ-1	Stranraer Sask	Tr	70	Anthony Markewicz, Alsask Sask	none
4	WTYV	Dothan AL	Tr	300	John Combs, Orlando FL	LeBlanc 295
	KAID	Boise ID	Es	1130	Glenn Hauser, Stillwater OK	Prus 1055
	WOI-	Ames IA	Es	1175	W. J. Golden, Oak Bluffs MA	error
	KGNC-	Amarillo TX	Es	1460	Fred Nordquist, N Syracuse NY	Johnson 1325

4	CHAT-1	Pivot Alta	Tr	70	Anthony Markewicz, Alsask Sask	none
	CHFD-	Thunder Bay Ont	Es	1435	John Combs, Orlando FL	none
			Tr	285	Bill Draeb, Kewaunee WI	none
5	WUFT	Gainesville FL	Es	1180	Paul Petosky, Munising MI	Grade 1175
			Tr	245	Ken Simon, W Palm Beach FL	none
	WPTV	Palm Beach FL	Tr	1145	Pat Dyer, San Antonio TX	Hauser 1045
	WLWT	Cincinnati OH	MS	890	Ken Simon, W Palm Beach FL	Hauser 745
	'CBXT'	Edmonton Alta	Es	1400	Marvin Shults, Toulon IL	Dombrowski 1355
	CJCH-	Halifax NS	Es	1300	Marvin Shults, Toulon IL	Dombrowski 1240
	CKBI-	Prince Albert Sask	Tr	210	Anthony Markewica, Alsask Sask	Dillon 190
	XHGC-	México DF	Es	1750	Greg Kelley, Staunton VA	Cooper 1720
6	WCIX-	S Miami FL	Tr	1140	Pat Dyer, San Antonio TX	Simon 85
	KITC	Nampa ID	Tr	115	Robert J Williams, Twin Falls ID	none
	CKGN-	Paris Ont	Tr	200	Roger Brown, East Lansing MI	none
7	KHQA-	Quincy IL	Es	640	Robert Seybold, Dunkirk NY	none
	WITV	Charleston SC	Tr	305	John Combs, Orlando FL	Kureth 165
	WDBJ-	Roanoke VA	Tr	950	Robert Cooper, Arcadia OK	Draeb 635
	CFCL-6	Chapleau Ont	Tr	180	Paul Petosky, Munising MI	none
8	WVUE	New Orleáns LA	MS	1020	Bill Draeb, Kewaunee WI	none
	W8BG	Iron Mountain MI	Tr	100	Bill Draeb, Kewaunee WI	none
	KFDO-	Sayre OK	MS	890	Bill Draeb, Kewaunee WI	WLUC-6 none
	KUHT	Houston TX	Tr	860	John Combs, Orlando FL	none
	CFQC-	Saskatoon Sask		170	Anthony Markewicz, Alsask Sask	Dillon & Kanaar 140
9	KIXE-	Redding CA		405	Jim Pizzi, Orcutt CA	Smith 390
	WCPO-	Cincinnati OH		735	Robert Cooper, Arcadia OK	Prus 640
	CKNC-	Sudbury Ont		300	Rod Luoma, Livonia MI	Seybold 290
	XHTP-	Mérida Yuc		800	Pat Dyer, San Antonio TX	Hauser 795
10	WBNS-	Columbus OH		825	Robert Cooper, Arcadia OK	B Brown 665
	KTSD-	Pierre SD		535	Marvin Shults, Toulon IL	error
	WSLR-	Roanoke VA		950	Robert Cooper, Arcadia OK	Howington 800
11	KFLR-	Saint Louis MO		665	Paul Traska, Buffalo NY	error
	KTHI-	Grand Forks ND		505	Bill Draeb, Kewaunee WI	Addison 245
	KHOU-	Houston TX		965	Ken Simon, W Palm Beach FL	none
	"CBKST"	Saskatoon Sask		170	Anthony Markewidz, Alsask Sask	none
12	WILL-	Urbana IL		510	Peter Gennuso, Dunkirk NY	Seybold TIE
15	WKPC-	Louisville KY (IN)		650	Robert Cooper, Arcadia OK	Lewis & Rosenberg 495
	WBRA-	Roanoke VA		950	Robert Cooper, Arcadia OK	Brown 445
16	WNPE-	Watertown NY		570	Bill Draeb, Kewaunee WI	Brown 435
	KCBJ	Columbia MO		725	Peter Gennuso, Dunkirk NY	Seybold TIE
	WPHL-	Philadelphia PA		695	Bill Draeb, Kewaunee WI	Stilwell 515
20	WXON-	Allen Park MI		345	Marvin Shults, Toulon IL	Draeb 255
22	KWHY-	Los Angeles CA		130	Jim Pizzi, Orcutt CA	Smith 90
	WVUT	Vincennes IN		570	Robert Cooper, Arcadia OK	Seybold 500
	WKPI	Pikeville KY		825	Robert Cooper, Arcadia OK	Draeb 550
	WKBF	Dayton OH		760	Robert Cooper, Arcadia OK	Draeb & Downviewers 365
	CKGN-22	Uxbridge Ont		420	Bill Draeb, Kewaunee WI	none
	CKGN-1	Gottam Ont		295	Bill Draeb, Kewaunee WI	none
23	WLTV	Miami FL		1150	Pat Dyer, San Antonio TX	Frantz 15
	WNJS	Camden NJ		715	Bill Draeb, Kewaunee WI	Seybold 285
24	K24AA	Newport NE		490	Robert Cooper, Arcadia OK	KOLN-10 none
	KIDZ	Wichita Falls TX		180	Richard N Allen, nr Billings OK	none
25	WVIZ-	Cleveland OH		915	Robert Cooper, Arcadia OK	Metzner 405
27	KMTC	Springfield MO		810	Peter Gennuso, Dunkirk NY	Seybold TIE
	WYAH-	Norfolk VA		715	Ken Simon, W Palm Beach FL	Brown 595
	WRPT	Roanoke VA		945	Robert Cooper, Arcadia OK	Ruland 545
28	WHWC-	Colfax WI		400	Roger Brown, East Lansing MI	none
29	WVIR	Charlottesville VA		290	Jerry Pulice, Staten Island NY	none
	CKGN-29	Chatham Ont		290	Bill Draeb, Kewaunee WI	none
30	KHOF-	San Bernardino CA		155	Jim Pizzi, Orcutt CA	Smith 140
31	WHLA-	Holmen WI		350	Roger Brown, East Lansing MI	none
33	WMUL	Huntington WV		830	Robert Cooper, Arcadia OK	Draeb 495
34	WNIT	South Bend IN		355	Robert Seybold, Dunkirk NY	none
	WOSU-	Columbus OH		825	Robert Cooper, Arcadia OK	Draeb 405
35	WSWB-	Orlando FL		1040	Pat Dyer, San Antonio TX	none
	WLIO	Lima OH		790	Robert Cooper, Arcadia OK	Lewis 315
38	WJIL	Terre Haute IN		590	Robert Cooper, Arcadia OK	Rosenberg 505
	WKMR	Morehead KY		775	Robert Cooper, Arcadia OK	Draeb 480
40	KTXL	Sacramento CA		245	Jim Pizzi, Orcutt CA	Smith 240
42	WPBO	Portsmouth OH		805	Robert Cooper, Arcadia OK	Ruland 365
44	WOUC	Cambridge OH		915	Robert Cooper, Arcadia OK	Brown 240
46	WKLE	Lexington KY		720	Robert Cooper, Arcadia OK	Rosenberg & Lewis 470
51	WKID	Fort Lauderdale FL		1150	Pat Dyer, San Antonio TX	LeBlanc 660



**STATISTICS**

**JUNE 1974**

52	KBCS	Los Angeles CA	130	Jim Pizzi, Orcutt CA	Smith 95
	WNJT	Trenton NJ	710	Bill Draeb, Kewaunee WI	Brown 525
57	WBGU	Lima OH	295	Bill Draeb, Kewaunee WI	none
58	KLCS	Los Angeles CA	130	Jim Pizzi, Orcutt CA	none
61	W6LAA	Fort Lauderdale FL	40	Ken Simon, W Palm Beach FL	WCIX-6 none
62	WBLG	Lexington KY	720	Robert Cooper, Arcadia OK	Pomeroy 545
	WBAS	Syracuse NY	---	F. E. Hostetler, Dillonvale OH	DELETE
67	WSNL	Patchogue NY	130	Steve West, Havertown PA	none
68	WKMJ	Louisville KY (IN)	650	Robert Cooper, Arcadia OK	Lewis & Rosenberg 495
69	WHFV	Fredericksburg VA	80	Greg Kelley, Staunton VA	none
72	W72AR	Lakewood PA	205	Robert Seybold, Dunkirk NY	WVIA-44 none
73	W73AT	Baltimore MD	75	Steve West, Havertown PA	WMPB-67 none
76	K76AU	Shamrock TX	175	Richard N Allen, nr Billings OK	Cooper 140
83	K78AZ	Matador TX	250	Richard N Allen, nr Billings OK	Cooper 210
87	W83AN	Stephenson MI	80	Paul Petosky, Munising MI	Draeb 70

Thanks to sharp-eyed Bill Draeb for pointing out some of our errors!

# CUBA! TV · FM

Cuba-watchers Ken Simon and Richard Clark provide an updated list of TV stations in that country; note the additions and changes in offsets compared to the Sept 1973 VUD list! Dick says Tele-Rebelde is not an educational net, but replaces net-2 in Oriente province. A new TR outlet on ch 8 has not yet been located. \*\*key station

Ch	Off	Net	City	5 +	TR	Santiago de Cuba*	8	TR	(Oriente?)		
2	+	2	La Habana*	6	∅	6	La Habana*	9	∅	6	Matanzas
		2	Ciego de Ávila	-		6	Camagüey	11	-	2,6	Cárdenas
		∅	6	Santiago de Cuba	7	+	6	Ciego de Ávila	12	2,6	Pinar del Río
3	+	6	Santa Clara	8	∅	2	Santa Clara	13	∅	2	Matanzas
		-	TR Holguín			6	Holguín	--?			TR Guantánamo
4	-	2	Camagüey								AFCN Guantánamo Bay

**CUBAN FM:** Simon & Clark add these four to the three listed in March VUD, p. 9: 90.5 La Habana, Radio Rebelde (the only one frequently heard by Es) 102.0 AFCN Guantánamo, 600 watts; MOR, pop, classical, 24 hours. 103.0 AFCN Guantánamo, 50 watts; news, sports, AFRTS. 107.5 (+.2 MHz) Radio Rebelde, Oriente province. Richard Wood heard 'hardliners', probably in Oriente on 88.3 and 90.1. The following 1965 CIA list may shed some light on the current FM situation in Cuba; many may still be in use as STLs tho unlisted recently!

88	3	CMAG FM	L	250	R Musical Nacional	Colón
		CMKM FM	L	250	R Musical Nacional	Holguín
88	5	CMHB FM	L	250	R Musical Nacional	Sancti Spiritus
88	9	CMCF FM	L	250	R Rebelde	La Habana
89	3	CMAD FM	L	250		Artemisa
		CMJB FM		250	R Musical Nacional	Camagüey
89	5	CMK 7		250		Santiago de Cuba
90	5	CMB 24		250		La Habana
90	7	CMHQ FM	L	1000	Circuito CMQ	Santa Clara
91	7	CMQA FM	L	1000	Circuito CMQ	Pinar del Río
92	15	CMBC FM		3000	R Progreso	La Habana
92	7	CMJV FM	L	1000	Circuito CMQ	Ciego de Ávila
94	1	CMKB FM	L	250	R Musical Nacional	Pt Boniato
94	5	CMJD FM	L	250	R Musical Nacional	Ciego de Ávila
94	9	CMAG FM	L	250	R Musical Nacional	San Cristóbal
95	3	CMHD FM	L	250	R Musical Nacional	Santa Clara
95	5	CMGF FM	L	250	R Rebelde	Matanzas
95	9	CMB 43		250		La Habana
96	7	CMQ FM	L	1000	Circuito CMQ	La Habana
		CMKJ FM	L	1000	Circuito CMQ	Holguín
97	3	CMJL FM	L	1000	Circuito CMQ	Camagüey
97	7	CMKU FM	L	1000	Circuito CMQ	Santiago de Cuba
99	3	CMKC FM	L	250	Circuito Oriental de R	Santiago de Cuba
100	1				R Musical Nacional	La Habana
102	7	CMB 21L		250		La Habana
104	7	CMHI FM	L	250	R Rebelde	Victoria de las Tunas
105	6				Reloj Nacional	La Habana
106	1	CMJ 21		250		Camagüey
106	9				R Enciclopedia	La Habana
107	7				R Enciclopedia	La Habana

Richard Wood provides some observations updating last month's updater. XHZM-92.5 Puebla Pue is now a Stereorey station(not to be confused with Monterrey on the same frequency). And XEJB-96.4 Guadalaajara Jal has standardized to 96.3; classical music. While Mexican studio-transmitter links are supposedly being moved to the 217 MHz band, some may linger in the 88-92 MHz band (such as 88.335 and 90.9 in México DF itself!) For this reason, we present another compilation from CIA listings as of March 1965 to aid your search for these weak but D'able possibilities during intense summer Es openings. Do not try to use this list without comparison to more recent ones published in VUD, such as in May 1973:

FREQUENCY	CALL	POWER	SLOGAN	LOCATION
88 1	XEOM FM	75	R Coatzacoalcos	Coatzacoalcos, Ver
	XEDM FM		V del Pacifico	Hermosillo, Son
	XESU FM	50	V del Campo	Mexicali, B C N
	XETU FM	60	R Tampico	Tampico, Tams
	XEVH FM	60		Valle Hermoso, Tams
88 2	XELQ FM	50	R 960	Ci Obregón, Son
	XEEL FM	80	V del Noroeste	Culiacán, Sin
	XEAD FM	250		Guadalajara, Jal
	XEOFM	80		Matamoros, Tams
	XEPA FM	60	R Angelópolis	Puebla, Pue
	XEBX FM		Voz de la Región Carbonífera	
	XEDN FM	100	R Mexicano	Sabinas, Coah
	XEUX FM		Pregón de Occidente	Torreón, Coah
88 3	XEHO FM	60	R Fiesta	Tuxpán, Nay
	XECK FM	50	V del Guardiania	Ci Obregón, Son
	XEMR FM			Durango, Dgo
88 4	XEBI FM	60	R Central	Monterrey, N L
	XERS FM	50	R 14	Aguascalientes, Ags
	XEDL FM	10	V de Sonora	Gómez Palacio, Dgo
	XERON	50	Onda 111	Hermosillo, Son.
	XEAX FM	80	Cadena Rdif Oaxaqueña	México, D F
	XEMU FM	50	La Radiodifusora Amiga	Oaxaca, Oax
88 5	XERP FM	75	R Madero	Piedras Negras, Coah
	XEZZ FM	50	Música de Fiesta	Ci Madero, Tams
88 6	XKGG FM	50	R Fortín	Tonala, Jal (st. Guad)
	XEGE FM	75	R Alegría	Fortín de las Flores, Ver
88 7	XEOK FM	60		Mexicali, B C N
88 8	XEBJ FM	60	V de Tamaulipas	Monterrey N L
	XESS FM			Ci Victoria, Tams
889	XHEFM	1000		Ensenada, B C N
89 2	XEJT FM		R Ola	México, D F
89 3	XEAU FM	30	R Acuña	Tampico (Altamira), Tams
89 5	XEBS FM	60	R Sinfonola	Tijuana, B C N
89 6	XEFFM	50	La Voz Lationamericana	México, D F
	XEWV FM	75	Em Buena Musica y Deportes	Ci Juárez, Chih
89 7	XEYC FM	50		Mexicali, B C N
90 0	XENV FM		R Alegría	Ci Juárez, Chih
90 1	XHWFM	1000	R La Paz	Monterrey, N L
90 2	XEBH FM	50	El Heraldo de Sonora	La Paz, B C S
	XEDA FM		R 13	Hermosillo, Son
90 3	XENM FM	1000		México, D F
90 9	XHRFM	1000		México, D F
91 1	XHNM FM	5000 ERP		México, D F
	XHCFM	1000		Mexicali, B C N
				Tijuana, B C N

# television news

Compiled by Glenn Hauser, 620 N. Husband, Stillwater OK 74074. See previous VUD listings: August, p. 34;

October, p. 12; November, p. 35; February, p. 12. Paul D. Traska contributes all the news names this time. You can help reduce CCI problems by helping to expand and update these five listings. \* means a correction to or change in a previous listing.

- |                                 |                            |                              |
|---------------------------------|----------------------------|------------------------------|
| 3 WISC *The Farm Hour (12 noon) | 5 WHEN TV 5 News           | 10 KBIM *First Team News     |
| 4 WHBF Dateline                 | 6 WJIM Six Star Edition(6) | 12 WICU *Eleventh Hour       |
| WDAF News 4                     | Six Star Final (11)        | WENG Action News             |
| WRC News 4                      | 8 WROC ROC Nightly News    | 20 WUTR News Watch           |
| 5 WBPB Area 5 Texas News        | WCHS *Evening News         | 27 WKOW The Wisconsin Report |
| 14 Midnight News                | 10 WHEC Rochester Reports  | 35 WSEE In The News          |

# WESTERN TV DX

June 1974

Dennis Park Smith  
2237 1/2 Ceres Avenue  
Chico, California 95926  
Telephone 916 343-9424

Deadlines: 10th of each month

Tropo was insignificant during April, as only a little was reported. Early May activity seemed to show a bit of improvement, however. A bit of MS-type bursts was noted as well. The big activity was in Es. After falling off at the end of March, there was nothing until 14 April, with quite a bit after that, especially in late April. Then in early May it tapered off a little. It remains to be seen if the season holds up well after this good early start. Check each other's reports; similar programming noted on Mexican ID's may solve some unID's.

Es	Mar	28	Apr 3	14	15	16	17	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6
Nr. reporters	2	1	3	3	3	2	1	1	1	2	1	1	5	3	4	4	5	6	3		3	1	2	1	1	1
MUF at least	2	4	1073	888	953	3	4	3	905	2	5	6	4	4	94.9	6	107.9	4	98.5	3	4	4	2			

Joseph A. Markewicz, CFS Alsbak, Alsbak, Saskatchewan SOL OAO (Mar - Apr) (MDT)

M16 tr 0300 CFCN- 4 Calgary Alta	30 tr 0010 CBKST 9 Stranraer Sask (s/off)
0310 CCI to CFCN8-2	Es 0014 KIEM- 3 Eureka CA 1040
22 tr 2000 unId 2 weak (CFCN8-2 off)	(strong CFQC1-3 CCI)
23 Mar to 22 Apr: in Winnipeg.	0040 KNXT 2 Los Angeles CA 1268
A23 tr 2200 CFCN-12 Hand Hills Alta 3434	0100 unId 2 (TV2 News slide)
24 Es 2000 unId 2	0113 unIds 2 (two s/off: one w/SSB, other America the Beautiful[?])
26 Es 2030 unId 2	0115 KOAI 2 Flagstaff AZ (s/off) 1180
tr 2330 CFAC- 2 Calgary Alta(CFCN8-2 off)	0120 unIds 3
28 Es 1235 unId 2	tr 0135 CFQC1-3 Stranraer Sask (s/off)
1530 unId 3	0140 CFCN8-2 Oyen Alta (s/off)
29 Es 0100 unId 2	(runs colour bar all morning)
tr 1430 KSMD- 2 Anaconda MT	0140 CFCN1-12 Hand Hills Alta (s/off)
(briefly over CFCN8-2)	0145 CHAT1-4 Pivot Alta
Es 2100-0215 2-6 California, maybe FM	Es 1050 unId 2
but was at a friend's place then)	May2 Es 2020 unId 2 & 3

As far as I know CJAY-4 Brandon Man is still CJAY, not CKY even though they are // to CKY-7 all day. A Winnipeg company plans to buy KCND-12 ND with CRTC approval and change xmtr location to Starbuck, south of Winnipeg and become a Global station. Last year KCND-12 total revenue from USA was \$34,700; KCND's owners worry about this because application for a new TV station in Winnipeg would take their supporting Canadian revenue.

Steven Craig Wiseblood, 707 Loma Way, Santa Maria, California 93454 (3 Feb - 8 May) (PDT)

Equipment includes 17" Packard Bell B&W with rabbit ears antenna	
F27 Es 2008 KNOP- 2 NPlatteNE(lclnx)0333 1138	28 Es 1016 unId 2 (s/on w/Latinmx) 0543
M28 Es 1911 KREM- 2 Spokane WA 4433 899	1117 unId 4 (Mex. soccer) 4444
A24 Es 1419 KTWO- 2 Casper WY 5544 928	1111 unId 5 (same as above) 0332
26 Es 2110 unId 2 0132	1339 KNOP- 2 NorthPlatte NE 4433 1138
27 Es 0957 unId 2 (CBS"InTheNews")0333	1408 KDUH- 4 Hay Springs NE 4434N1040
1212 XHCH- 2 Chihuahua Chih 0324 948	1730 CBUT 2 Vancouver BC 3333 1000
1509-1645 2-5 unIds	1736 unId 4 3243
1612 KREM- 2 Spokane WA 3333 899	29 Es 1130-1300 2-6 unIds
1615 KDFW- 4 Dallas TX 3435N1349	1130 KOB - 4 Albuquerque NM 5544N 772
1624 WBAP- 5 Fort Worth TX 0533T1349	1131 KOMO- 4 Seattle WA 4533 879
1630 KTXT 5 Lubbock TX -432N1057	1159 KREX- 5 GrandjunctionCO 3531N 705
(MUF 94.9 @ 1639)	1215 KAID 2 Boise ID 4044N 643
1730 KMID- 2 Midland TX 5544 1066	(MUF 107.9 @ 1236)
1952 unId 2 MexSoccer(FUTBOI)B443	1420 KXLY- 4 Spokane WA 4434 899
2034 KTWO- 2 Casper WY 3432 928	1430 KREM- 2 Spokane WA 4522 899
2120 unId 4 Mex?(Engmview/Sp subtitles)	May 6 Es 1430 KMID- 2 Midland TX 2542 1066

April 27 through 29 were magnificent with 7 solid hours of skip on 27th, 4 hours on 28th and at least 4 hours on 29th. MUF reached 107.9 @ 1236 on 29th. May has had only one day of Es so far although it nearly reached Ch. 2 almost every day since the 1st. Totals now at 37 with 31 by Es, and now have 13 states. I am still using rabbit ears although may have an outdoor antenna by mid-summer. 73's.

Jim Pizzi, 300 Park, Orcutt, California 93454 (17 Apr - 1 May) (PDT)

17 tr 0750 KGST 39 San Diego CA	(21)(tr)(2230)KQED 9 SanFrancisco CA 2342
0752 KPBS-15 San Diego CA	KGO - 7 SanFrancisco CA 2432
21 tr 2230 KMST 49 Monterey CA 3445	22 tr 2105 KOVR 13 Stockton CA 3024
KBHK 44 SanFrancisco CA 2335	2106 KTXL 40 Sacramento CA 3425

(22)(tr) 2106 KBHK 44 San Francisco CA 3325  
 2107 K75?? 75 ? (of KQED 9) 1035  
 24 Es (MUF ch 6)  
 1125 KDUH- 4 Hay Springs NE 4434  
 1200 KOAA- 5 Pueblo CO 3333  
 1200 KTVQ 2 Billings MT 3333  
 1200 KXLF- 4 Butte MT 0322  
 1230 KCY4 5 Ch. 5555  
 1400 KWGN 2 Denver CO 0322  
 1400 KTWO- 2 Casper WY 3132

25 Es (MUF ch 4)  
 1204 (tune-in)  
 1230 KMID- 2 Midland TX 1234  
 1401 KCKT 2 Great Bend KS 3034  
 1409 KARD- 3 Wichita KS 3032

26 Es (MUF ch 2)  
 1229 KTVQ 2 Billings MT 0332  
 1230 KUTV 2 SaltLakeCity UT 1332  
 1300 KTWO- 2 Casper WY 4545

27 Es (MUF 92.3)  
 1240 KREM- 2 WA ? (ABC Golf) T  
 1615 KDFW- 4 Dallas TX 4434  
 1617 KMID- 2 Midland TX 5555  
 1800 KACB- 3 San Angelo TX ? 1031T  
 (NBC "Bulletin" Ch.9, u/KEYT)  
 1958 KDBC 4 El Paso TX 3433

(27)(Es) 2000 KGNC- 4 Amarillo TX 1022  
 2012 KCEN- 6 TX?(CCI 10kHz offset)T  
 2013 WBAP- 5 TX? (NBC Movie) T  
 2047 WBAP- 5 Fort Worth TX  
 2102 XHIT- 4 (Ultima Funcion- T  
 CaryGrant movie: EE w/SS subtitles)  
 2237 KCKT 2 Great Bend KS  
 (2142 wx-Tstorm watch; 2145s/off)  
 2249 KOAA- 5 Pueblo CO  
 2252 KWGN 2 Denver CO

29 Es (MUF 106.3)  
 1015 KMID- 2 Midland TX  
 1030 KDCC 4 El Paso TX  
 1158 KREX- 5 Grand JunctionCO 4434  
 1212 KAID 4 Boise ID (tp) 3333N  
 1229 KNME 5 Albuquerque NM 4333  
 1259 KOAA- 5 Pueblo CO 4334  
 1330 KDUH- 4 Hay Springs NE 2232  
 1330 KTVS 3 Sterling CO 0322  
 1333 KTXT 5 Lubbock TX (tp) 4333  
 1400 KREM- 2 Spokane WA 3222

1 Es (MUF ch 5)  
 0915 KWGN 2 Denver CO 3333  
 1010 KMID- 2 Midland TX 5555  
 1012 KWAB 4 Big Spring TX 4544

Es was very prominent in April with 1 new logging and 4 new FM (see Western FM-DX).  
 4/27 was one of the longest openings witnessed—almost 12 hours continuous. I hope the  
 rest of the season holds up. Total TV logged is now 138, and FM is 206.

I'm going to change some of my antennas this coming month; I'll let you know how  
 they work out. Best of DX.

Richard Noel Allen, RFD #1, Billings, Oklahoma 74630 (31 Mar - 3 May) (CDT)

Receiver: Sony Trinitron model KV1212  
 Antennas: Archer 23-element VHF log & Archer 44-element UHF log.

31 tr 0730 WRBT 33 Baton Rouge LA N 550 21 Es (MUF ch 3)  
 0750 KVRL 26 Houston TX 490 1350 unId 2 (Mexican Canal Dos)  
 0755 KLTV 7 Tyler TX 320 24 MS 0546 WGR - 2 Buffalo NY 1080  
 0800 KLN1-15 NewBeria/Laf. LA N 540 25 MS 0551 WGR - 2 Buffalo NY 1080  
 0955 KTHV 11 Little Rock AR 195 28 tr 0625 KDFW- 4 Dallas TX 260  
 All tr 2355 KLTV 7 Tyler TX 320 Es (MUF ch 2)  
 14 Es (MUF 102 MHz)  
 1730 unId 2 (Mex:"Siempreen Domingo") 29 Es (MUF ch 4)  
 1820 XEZ - 3 ZamoranoQro(as above)1100 1955 WEDU 3 Tampa FL 1050  
 (CCI: EE pgm w/ SS subtitles) 2030 CFAA- 2 Calgary Alta 1300  
 1835 XEHL- 6 Guadalajara Jal N1140 M2 tr 2300 WFAA- 8 Dallas TX 260  
 ("Mr.Ed"; 1900 "Imagenes de Nuestro 2330 KVRL 26 Houston TX 490  
 Mundo"; 2100 "Family Affair") 2340 KERA-13 Dallas TX 260  
 1900 XEW - 2 ? (both seen T 2341 KXII-12 Ardmore OK 165  
 XHW - 2 ? until 2230) T 2342 KTWT 11 Fort Worth TX 255  
 (MUF ch 2) 2343 K TEN-10 Ada OK 125  
 15 Es XEW - 2 Mexico DF 1175 2 tr 0005 KXTX-39 Dallas TX 260  
 (In all evening until 2245) 0015 KTBC- 7 Austin TX 420  
 (MUF ch 3) 0030 KTRK 13 Houston TX 490  
 16 Es 1735 GJIC- 2 SaultSaintMarie Ont 970 0100 KPLC- 7 Lake Charles LA N 520  
 1755 KATC 3 Lafayette LA 540 0101 K TAL- 6 Shreveport LA N 350  
 1800 KPRG- 2 Houston TX 490 0105 KTVV 36 Austin TX 420  
 19 MS 0544 WGR - 2 Buffalo NY 1080 0120 KDFW- 3 Dallas TX 260  
 0143 KTRK 13 Houston TX 490

My first year of TV DXing was completed on April 28. Totals: 174 stations, in-  
 cluding 54 UHF and 14 translators. I live in an area not served by any UHF transmitters,  
 though KOKH-25 can be received regularly with a faint signal. The installation of an UHF  
 aerial and a rotator has resulted in the big increase of my DX totals. For those wishing  
 to write me, my complete address is shown above. I wish to thank everyone who has helped  
 me during my first year of TV DXing, especially Les Prus whose aid and advice made the  
 difference. Good DX and 73s.



Glenn Hauser, 620 N. Husband, Stillwater, Oklahoma 74074 (6 Apr - 6 May) (CST)

14 Es 1558 XEW - 2 Mexico DF (28)(tr) 0759 KNOE- 8 Monroe LA  
 (1643strong, song; Siempre en Domingo;  
 1727 strong; 5kHz CCI w/XHW)  
 (1832, MUF 107.3) Es 0845 KTBS 3 Shreveport LA ? T  
 0900 KSLA 12 Shreveport LA  
 1646 XEFB- 3 Monterrey NL ? T 1456 XEW - 2 Mexico DF (tune-in)  
 (1700 EE movie, believe subtitled) Es 1759 WPBT 2 Miami FL ? T  
 1803 WEDU 3 Tampa FL  
 1656 XHTV 4 Mexico DF ? T 1816 WTVJ 4 Miami FL ? T  
 (again 1740, 1727, 1922) 1816 WPTV 5 Palm Beach FL ? T  
 1718 XEZ - 3 El Zamorano Qro 1831 WESH- 2 DaytonaBeachFL (agn1900)  
 (net-2; 1913still Siempre; 1815still) 29 Es 1700 unIds 2,3 (to 1721)  
 1727 unId 6 (Spanish) 1726 KBOI- 2 Boise ID (1730 lcl nx)  
 1727 XHW - 2 Guadalajara Jal 1125 1744 KID - 3 Idaho Falls ID (ID wx)  
 (characteristic 5kHz CCI w/XEW) 1842 WPBT 2 Miami FL ? T  
 1931 XEHL- 6 Guadalajara Jal ? T 1901 WEDU 3 Tampa FL  
 (audio on FM; Guad FMs in) 1928 unId 2 N1310  
 15 Es 1714 XEW - 2 Mexico DF (to 2210) 2159 KREM- 2 Spokane(0004stilltraces)  
 1857 XEZ - 3 El Zamorano Qro ? T 2309 LEWIS- 2 Lewiston ID(WA) N1250  
 16 Es 0950 XEW - 2 Mexico DF (Televisa) 30 Es 0015 unId 3 (movie)  
 1520 WUNC- 4 Chapel Hill NC ? T M1 Es 1017 XEZ - 3 El Zamorano Qro  
 1658 WFBC- 4 Greenville SC N 800 1018 XEW - 2 Mexico DF (// 2)  
 1658 WWAY 3 Wilmington NC 1632 unId 3 (e.s.e., briefly)  
 1712 WSAV- 3 Savannah GA 2 tr 2102 KERA-13 Dallas TX  
 17 Es 0735 XEW - 2 Mexico DF (out by 0805) 2128 KTRK-13 Houston TX  
 24 Es 2055 unId 3 (east) 2230 KDFW 4 Dallas TX 5555  
 2056 unId 2 (20 CCI east) 2230 WBAP- 5 Fort Worth TX  
 25 Es 1022 WTAR- 3 NorfolkVA (in to 1159+)N1140 2248 KLRN 9 Austin TX ? (FMs in) T  
 (1034 "GCLduetoAtmos.Condx"slide) 2300 KPRG- 2 Houston TX  
 tr 2200 WHBQ-13 Memphis TN ? T 2304 KWTX-10 Waco TX N 315  
 2200 KNOE- 8 Monroe LA 2306 KTBC- 7 Austin TX N 405  
 26 Es 1319 XEW - 2 Mexico DF 2335 KSAT-12 San Antonio TX N 475  
 (CB:EErock audio; f/down by 1330) 2349 KRAL 6 Vivian LA (0001 s/off)  
 27 Es 1311 WFBC- 4 Greenville SC ? T 2349 KCEN- 6 Temple TX (0000 s/off)335  
 1331 WWAY 3 Wilmington NC ? T 2 tr 0001 KFDM 6 Beaumont TX ? T  
 tr 1727 KAIT 8 Jonesboro AR ? T 0004 KPCL- 7 L.ChasIA (s/off by YL)460  
 2356 KNOE- 8 Monroe LA (s/off w/Id) 0004 XHAW 12 Monterrey NL ? T  
 28 tr 0645 WHBQ 13 Memphis TN ? T 0022 KTXS 12 Sweetwater TX  
 0740 KALB 5 Alexandria LA ? T (0101s/offment.xltrs on 72,55,2)  
 0740 WABG 6 Greenwood MS ? T 4 Es 1915 C(?) 2 north(IceHockey)agn2045

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228 (8 Apr - 5 May) (CST)

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

7 tr 2347 KFDM- 6 TX 275 (16)(Es) 1145 WEDU 3 FL T 985 17 Es 0935-1030 2,3 unIds  
 10 tr 0003 KRGV- 5 TX 225 WESH- 2 FL T1035 - vy spotty to n.e.  
 11 tr 0935 KERA-13 TX T 250 1159 WDBO- 6 FL 1035 1300 YSR - 2 ElSal T1200  
 (MUF to 95.3) (also agn tent 1600)  
 KTVT 11 TX T 240 1259 WHBF- 4 IL T 940 19 Es 0940 WOAY- 4 WV T1150  
 WFAA- 8 TX T 250 1259 WKZO- 3 MI 1140 0950 WSJK- 2 TN 1010  
 2359 KRGV- 5 TX 225 1330 WTWO 2 IN 935 1000 WSAZ- 3 WV 1100  
 13 tr 0900 KHTV 39 TX T 195 WBYA- 2 WI 1190 unIds2,3to apx1100f/out  
 KVRJ 26 TX T 195 1410 20 Es 2040-2135 2,3 n.w.  
 1929 KGBT- 4 TX 230 1430 WMAR- 2 MD 1410 20 Es 2110 KID - 3 ID T1215  
 (aud. over local) WJBK- 2 MI 1225  
 14 Es 1535-2200 2-4,6 unIds 1500 KQTV 2 MO 750 21 Es 0935-1225 2-6 unIds  
 (MUF to 88.9 @ 1853) 1505 KLNE- 3 NE T 785 (MUF to 90.5 @ 1143)  
 1535 YSR - 2 ElSal T1200 1529 KTCA- 2 MN 1110 0959 WBBM- 2 IL 1045  
 YSU - 4 " T1200 1558 WISC- 3 WI 1065 1032 WMT - 2 IA 945  
 TGV - 3 Guat T1120 1600 KTVO 3 IA 835 1058 WISC- 3 WI 1065  
 15 Es 1630-2145 2-6 unIds 1615 WOI - 4 IA T 910 1100 KMTV 3 NE 830  
 (MUF to 88.8 @ 1910) 1725 WMT - 2 IA 945 1129 KQTV 2 MO 750  
 1630 YSR - 2 ElSal 1200 KTWI 2 MO 790 1130 KTVO 3 MO 835  
 1800 YSU - 4 " T1200 1729 KYTV 3 MO 615 1135 WDAF- 4 MO T 700  
 1817 TGV - 3 Guat 1120 1758 WTWO 2 IN 935 1143 KHPL- 6 NE T 780  
 16 Es 0820-0915 2-4 to n.e. 1800 f/out 1202 KTVS 3 CO 815  
 1128 WYHS - 2 FL 1150 1950-2030 2-4 unIds 1210 KWGN 2 CO 810  
 1135 WTVJ 4 FL T1150 1320 unId 2 north(ABC)

22	Es	1335-1405	2 unIds	(26)(tr) 2323	WAFB- 9 LA	450 (29)(Ds)	(MUF to 95.1 @ 1800)
		1359	KUTV 2 UT	1080	27 tr 0030	KPLC- 7 LA	325 1808
							WBAY 2 WI 1190
23	Es	1005-1030	2-4 unIds		Es 1405 unId	2 (brief)	1859
		1005	KORK- 3 NV	T1050	2Es? 1628	KTUV 2 CA	N1460 1950 f/out
			KNXT 2 CA	T1190		Oakland	2025-2040 Ch 2 agn
		1413	KNBC 4 CA	T1190	2Es? 1637	KRON- 4 CA	T1470 30 Es 1010
		1430	KWGN 2 CO	810	2Es? 1710	KCRA- 3 CA	N1405 (f/out 1035)
		1450	KWTO- 2 WY	1015		Sacramento	1740-2005 2-4 Span.
		1450	KOA - 4 CO	T 810	Es 1800 unIds	2-4,6 Span.	1815 TGV - 3 Guat T1120
		1459	KTVS 3 CO	815		f/out apx 1900	1900 YSR - 2 ElSal 1200
		1513	unId	5		2040-2220	2,3 n.w. YSU - 4 " T1200
		1529	KOTA- 3 SD	1040		(maybe KTUV, KCRA- agn)	M1 Es 0829
		1558	KYUS- 3 MT	N1230	28 Es 0845 unIds	2-6	KNBC 4 CA 1190
			Miles City		tr 0902	KOSA- 7 TX	280 (Id over local)
		1604	KDIX- 2 ND	1225	Es 0908	YSR - 2 ElSal	1200 KORK- 3 NV 1050
		1635	f/out		1045	XHBS- 4 Sin	T 700 0839 KOAI 2 AZ 855
		2045-2130	2,3 unIds		1050	KTVK 3 AZ	835 (MUF to 98.5 @ 0906)
			spotty n. & n.w.		1100	XHFM- 2 Ver	T 730 0928 KTVK 3 AZ 835
24	Es	0850	KMTV 3 NE	T 830	1150	KNBC 4 CA	T1190 0929 KVVU 5 NV 1040
		0859	KUSD- 2 SD	920	1159	KNXT 2 CA	1190 (Id over local)
		0929	KUTV 2 UT	1080	1259	XHP - 3 Pueb	T 720 1059 KNXT 2 CA 1190
			KCPX- 4 UT	T1080	1310	XHTV 4 DF	690 1110 f/out
		1129	KQTV 2 MO	750		(TP over local)	1335-1420 2,3 unIds
		1229	KUTV 2 UT	1080	1555	XHQ - 3 Sin	N 640 1359 KORK- 3 NV 1050
		1310	f/out			Culliacan	1529 KOTA 3 SD 1040
		2058	KTCA- 2 MN	1110	1640	f/out (for a while...)	1545 unId 4
			WCCO- 4 MN	T1110	1730	YSR - 2 ElSal	1200 1600 KTW- 2 WY 1015
		2110	WDAY- 6 ND	T1205	1745	TGV - 3 Guat	T1120 (still at 1730)
		2129	KUSD- 2 SD	920		unId 4	1620 unId 5
			KDAL- 3 MN	1250	1810	WCBD 2 SC	T1120 2 tr 0915
		2130	KDLO- 3 SD	1070	1815	WCIV 4 SC	T1120 1743
		2131	CBWFT 3 Man	1410	1830	WWAY 3 NC	T1250 1807
		2140	unId	5	1850	f/out	(ø CCI KLRN) T 450
		2243	unId	2 Canadian	1955	WESH- 2 FL	T 1055 1818
		2332	KOTA- 3 SD	1040	29 Es 0804	WEDU 3 FL	985 2112
25	Es	0025	f/out			unIds 2-4,6	(ø CCI KEDT) T 525
		1045-1140	2,3 unIds		0845	f/out	2113
			vy spotty to n.e.		0925-1945	2-6 unIds	KILFY-10 LA 395
		1129	WJBK- 2 MI	1225	1112	Ch2 Havana	Cuba1190 2120
		1220-1245	2,3 n.w.		1258	WESH- 2 FL	1055 2128
		tr 1259	KMID- 2 TX	275	1359	KORK- 3 NV	1050 2147
		1329	KOSA- 7 TX	280		KOAI 2 AZ	855 2153
		1559	KVRL 26 TX	195		KVVU 5 NV	T1040 2230
26	Es	1435-1500	2,3 to west		1425	KUSD- 2 SD	920 2232
		1459	KNXT 2 CA	T1190	1429	WMT - 2 IA	945 2358
			(again 1600-1610)			KMTV 3 NE	830 0810
		1915-2015	2-4 Span, s.e.		1445	WDAF- 4 MO	T 700 0820
		1915	XHY -3Mer.	YucT 820		(ø CGI)	(ø CCI) WMAU 17 MS T 470
		2110	WGNO-26 LA	T 510	1450	WOI - 5 IA	T 910 0820
			KVRL 26TX(øCCI)195		1458	KLNE- 3 NE	T 785 (ø CCI KEDT) T 525
		2118	WBRZ 2 LA	450	150A	KQTV 2 MO	750 WMAH 19 MS T 570
			KATC 3 LA	395	1529	KGLO- 3 IA	985 Es 1612-1715
			KLFY-10 LA	295	1558	KID - 3 ID	1215 2,3 unIds
		2142	KHTV 39 TX	195	1608	YSR - 2 ElSal	T1200 vy spotty to n.e.& e.
		2155	WJTV 12MS(øCCI)T525		1640	WCCO- 4 MN	1110 1750
		2259	KLNI-15 LA	395	1647	WECT 6 NC	T1250 2130
			WAPT 16 MS	525	1659	WWAY 3 NC	1250 4 Es 1615-1645
			WRBT 33 LA	450	1700	KDLO- 3 SD	1070 2 Es 1555-1640

After what was an amazing April display of early-season Es, it has now gone into a rather striking slump for the first week of May.

Apr 27 loggings into northern California very nice; while in Bay Area in 1955-1957 tried to get, without luck, KCRA-TV several times. KTVU not yet on back then. 73, WA5IYX. (Pat's report goes to 8 May but not quite enough space. Finish next time... dps)

Best of DX to all

Dennis

# EASTERN TVDX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

June 1974

Deadline: 10th

We haven't analyzed DX conditions here since March, so let's go right to it. February was nothing special; as usual, it represented a low point for most Eastern DXers, and especially those in colder climates. There was some activity in the Northeast with tropo "up" around mid-February, and of course some ever-present Gulf tropo. Only one reporter saw Es during that month with openings confined to the 23rd and 26th noted and seen in Florida. Things picked up slightly in March with Es seen on the 2nd, 4th, 16th, and 26th with Floridians again watching most of the action. Reports received here so far for April show that the Es season is off to an early start indeed. April Es days at this point are the 14th, 15th, a great opening on the 16th (four have reported activity; it was a multi-cloud day with skip lasting past midnight EDT), the 21st, 25th (another good day with the MUF into FM), 27th, 28th, and 29th. Your editor and others have noted much activity in early May also. No significant tropo reported so far.

Attention TV DXers in PENNSYLVANIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, LOUISIANA, MISSISSIPPI and ALABAMA: Beginning with the July VUD, you should send your reports to the CENTRAL TV-DX column. WTFDA's Board of Directors have decided to re-apportion the coverage of the EASTERN and CENTRAL TV-DX columns due to an imbalance in the number of regular reporters that has developed over the past few years. The switch will have the effect of making CENTRAL TV-DX more "central" and will hopefully even out the relative size of both columns. Additionally, the CENTRAL TV-DX column will be getting a new editor next month; so if you live in the affected area, send your reports from now on to:

Steve West 432 Kenmore Road Havertown, Pennsylvania 19083

DXers in the regular Central area are also urged to support their new editor! Thanks to those "regulars" in the affected states for their contributions to this column. If you live in the shifted area, please don't forget to support your new editor!

Jerry Pulice, WB2CPA 143 Gibson Avenue Staten Island, New York 10308

"Tropo to DC noted 3 April, to coastal VA and NC 28 April. Several short-lived Es sessions (no ID) already, looks like it's going to be a good year. My senior project took second prize in the local IEEE paper contest. It's a video processor that inserts new sync into DX video. It produces vertical sync by counting down the horizontal - very effective for MS and ignoring zero offset beats. Have bought Texas Instruments MS-175 microwave transistors and also some 900 MHz MOSFET's - will produce some great UHF preamps from this. Good DX (Congratulations on your IEEE prize, Jerry. If you're planning anything like the preamp you demonstrated at last year's convention, then you've got another winner. Those of you who aren't familiar with Jerry's preamps are best informed that his projects represent state-of-the-art standards -bt)

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

"No new ones at New Hartford this time...Over the Easter holidays I went on vacation, stayed at my Grandfather's house in Ft. Lauderdale, Fla. Part of my report is from Richmond Hill, GA, where we stayed on the way back. While in Florida I was lucky enough to see Ken Simon and Richard Clark. Had a great time and am glad I got to see them.

February

7 Tr 1930 CBOT-4 Ottawa Ont R0155  
1945 CJOH-6 Deseronto Ont R0115

March

2 Tr 2100 CBMT-6 Montreal PQ R0180  
7 0130 CBFT-2 Montreal R0180  
13 1930 CJOH-6 Deseronto R0115

April

1 Tr 1900 CJOH-6 Deseronto R0115

At Richmond Hill, GA

18 Tr 2230 WCJE-20 Gainesville NO170  
19 0730 (WHLV)-12 Jacksonville T

At New Hartford, NY

May

2 Tr 0700 CBOT-4 Ottawa Ont R0155  
0700 CBOFT-9 Ottawa R0155  
1930 WROC-8 Rochester NY R0110  
1200 CBMT-6 Montreal R0180

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

April

16 Es 2217 KTEW-2 Tulsa OK R1345  
 2225 KQTV-2 St Joseph MO R1125  
 2227 KMTV-3 Omaha NE R1125  
 2229 KARD-3 Wichita KS T1340  
 2239 KCMO-5 Kansas City R1115  
 2242 KMOX-4 St Louis MO R0945  
 2246 WDAF-4 Kansas City R1115  
 2309 KTVO-3 Ottumwa IA R0965  
 17 Au 1210 WSYR-3 Syracuse NY R0175  
 1218 CFCH-4 Quebec City R0180  
 18 0208 WSYR-3 Syracuse NY R0175  
 "no sign of it where I usually get it  
 by tropo. 0215: fading on all chs.  
 ...I was unable to ID any aurora. It  
 was splashing in in strong amounts and  
 would suddenly disappear. It was con-  
 stantly moving from NNE to NNW making  
 it very hard to keep up with."

21 Tr 0340 CKTH-13 Trois-Rivieres PQ  
 0344 WCVB-5 Boston MA R0250  
 0408 CBVT-11 Quebec City R0180  
 "I think they have a double 6r triple  
 feature every Sat. nite, you guys in  
 the East and Midwest might watch for  
 them this summer."  
 0440 WTIC-3 Hartford CT R0235  
 "CB tp. Did they change call letters?  
 I read they were going to."  
 0443 WJAR-10 Providence RI R  
 0509 WBZ-4 Boston MA R0250  
 0514 WPRI-12 Providence R0270  
 25 Es 1205 WJXT-4 Jacksonville R1110  
 1225 WESH-2 Daytona Bch R1185  
 1323 WRBL-3 Columbus GA R1135  
 1324 WTVY-4 Dothan AL R1155  
 1330 WWL-4 New Orleans R1385  
 1330 KATC-3 Lafayette LA R1425

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

March

8 Au 0245 unIDs on 2; vy noisy  
 16 Es 2144 unIDs on 3 until 2200  
 20 Au 1750 hash seen on 2 from NNE;  
 auroral MUF about 91 MHz

April

15 Es? hvy offset on 2; unID-3  
 16 Es 1624-1700 unIDs on 3  
 1837 KLINE-3 Lexington NE 4433T

16 Es 1858 KWWG-2 Denver CO 1041R  
 1859 KOA-4 Denver 1041N  
 1900 KTVS-3 Sterling CO 4533N  
 2200 WRCB-3 Chattanooga TN N  
 2229 WEMY-2 Greensboro NC R  
 2231 WWAY-3 Wilmington NC N  
 17 0004 KMTV-3 Omaha NE 4533N  
 27 1520-1533 unIDs on 3

Tropo has been disappointing so far; last Spring much better. The early  
 and frequent appearances of Es has made up for lack of tropo, and getting  
 those ID's thru locals has prompted me to start thinking about setting up  
 a phasing system a la Bob Cooper's December '73 VUD article.

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

"Rather long report this month owing to quite consistent tropo and a couple  
 of great Es openings. 20 new stations, 2 new states and 3 new countries  
 were logged during April & Early May...8-bay UHF antenna up on the 6th--  
 only 200+ mi on UHF now counted as DX except for WJCL-22 which is in with  
 some sort of signal, frame bar or otherwise, at least 60% of the time."

April

2 Tr 0632 WJCL-22 Savannah GA R0245  
 0652 WSAV-3 Savannah GA R0245  
 3 0620 WRBL-3 Columbia GA R0340  
 4 0647 WIS-10 Columbia SC R0390  
 0648 WALB-10 Albany GA R0280  
 8 0812 WACS-25 Dawson GA?? T  
 0825 WDGO-15 Cochran GA?? T  
 0902 WABW-14 Pelham GA?? T  
 11 0622 WRBL-3 Columbia GA R0340  
 14 2040 WFSU-11 Tallahassee FL R  
 2050 WABW-14 Pelham GA N0245  
 15 2004 WUSF-16 Tampa FL N0080  
 "my most frustrating UHF--finally"  
 16 Es 1612 KMTV-3 Omaha NE N1215  
 1629 KUSD-2 Vermillion SDN1340  
 1637 KNOV-3 Ottumwa IA(MO) N  
 18 Tr 0652 WTVX-34 Ft Pierce FL N  
 19 2325 WEBA-14 Allendale SC R  
 21 Es 2052 YSU-4 San Salvador B.S. T  
 25 1447 unID-2 on WESH  
 1951 KDFW-4 Dallas?? T  
 26 Tr 2300 WEBA-14 Allendale R0310  
 2337 WOLO-25 Columbia SC R0390  
 2340 WNOK-19 Columbia SC R0390

26 Tr 2342 WIS-10 Columbia SC R0390  
 28 Es 1806 WKAQ-2 San Juan PR N1145  
 1825 WAPA-4 San Juan PR N1145  
 1855 WJPM-3 Mayaguez PR N1120  
 1940 KFDX-3 Wichita Falls TX R  
 1959 KTEW-2 Tulsa OK N1005  
 2059 KTVO-3 Ottumwa IA(MO) R  
 29 Tr 0555 WBTW-13 Florence SC N0420  
 0558 WTVY-11 Durham NC N0545  
 0626 WIS-10 Columbia SC R0390  
 +Columbia U's after 0630  
 0643 WJPM-33 Florence SC R0420  
 Es 1656 HIRD-4 Santo Domingo D.R.  
 1703 ICR6-2 Santiago de Cuba N  
 1759 KPRC-2 Houston TX R0850  
 "opening moves to west like last nite"  
 1816 KIII-3 Corpus Christi R  
 1838 KGBT-4 Harlingen TX R1030  
 1846 KEEB-3 Monterrey NL N1185  
 1910 KDFW-4 Dallas TX N0970  
 1919 KFDX-3 Wichita Falls R1085  
 1925 KWAB-4 Big Spring TX R1245  
 1928 KMID-2 Midland TX R1265  
 1933 WOAI-4 San Antonio R1045  
 2000 KBTX-3 Bryan TX N0895

John Combs (continued)April29 Es 2000 KACB-3 San Angelo TXN1165  
30 Tr 0659 WLOS-13 Asheville NC N500May1 Tr 0648 WEBB-14 Allendale RO310  
0656 WCWB-41 Macon GA RO325  
0701 WYBA-38 Columbus GA RO340  
1930 WFSU-11 Tallahassee RO220  
2121 WABW-14 Pelham GA RO245  
2201 WRAR-3 Pensacola FL?? T2 Tr 0528 WERC-6 Birmingham AL N0475  
0614 WMAZ-13 Macon GA RO325  
0616 WPCG-17 Atlanta GA RO405  
0618 WXIA-11 Atlanta GA RO405  
0620 WRDW-12 Augusta GA(SC) R  
0622 WRBL-3 Columbus GA(AL) R  
0630 WYBA-38 Columbus GA RO340  
0647 WEBB-14 Allendale RO310  
0650 WCWB-41 Macon GA RO325  
0653 Columbia 19-25-35

Also frequent relogs of WJHG-7, WDTB-13, WALB-10, WTOG-11 throughout report.

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)April1 Tr 1711 WWAY-3 Wilmington NC 5555R  
1735 ICR6-3 Santa Clara Cuba R  
1735 ICR6-8 Holguin Cuba 2033R  
1827 WTOG-11 Savannah GA 4444N  
1857 ICR2-8 Santa Clara 3433R  
1857 ICR2-13 Matanzas Cuba R  
1900 ICR6-9 Matanzas 4444R  
1900 ICR6-3 Santa Clara 3334R  
1915 WJGT-7 Jacksonville 2021R  
2000 WMFE-24 Orlando FL 2011R  
2100 WRLL-35 Columbia SC 3021R  
2135 WFTV-30 Atlanta GA 2015T  
2222 WYAH-27 Portsmouth VA N14 Es 2029 KIII-3 Corpus C. TX 5444R  
16 1930 WSYR-3 Syracuse NY 3033R  
19 MS 0626 WRCB-3 Chattanooga 4015N  
28 Es 1604 YVVA-2 Caracas Venezuela  
1628 YVVA-3???? "traces"  
2028 KFTV-3 Springfield 4333R  
2035 WDAF-4 Kansas City MO T  
2048 KGLO-3 Mason City IA T  
2109 KFTV-3 Ottumwa IA(MO) R  
29 1757 WKAQ-2 San Juan PR 4421R  
1757 WIPM-3 Mayaguez PR 4022R  
1814 YSR-2 San Salvador E.S.  
1820 KATC-3 Lafayette LA 4422R  
1830 WOAI-4 San Antonio 5421R  
1900 KPRC-2 Houston TX 4444R  
1901 KRIS-6 Corpus Christi R  
1906 KIII-3 Corpus Christi R  
1935 XBT-6 Monterrey NL 3121N  
2020 XHY-3 Merida Yuc 4131R  
30 0039 XEW-2 Mexico City DF R  
0039 XEB-3 or XHCV-3 (CANAL2)  
"Glenn Hauser says probably XBZ-3"  
1815 YVVA-2 Caracas Venezuela  
1815 YSR-2 San Salvador E.S. T  
1830 "heavy CCI over WTVJ-4"  
1846 YVVA-3 Venezuela 4024R  
1850 HOU34-4 Panama????? T"best UHF so far" (780mi)  
2 0655 WJXT-4, WLCY-10, WJKS-17  
WJCL-22, WTVX-34; 2200 WSWB-35  
3 0650 WBBH-20, WJKS-17  
0655 WJHG-7 Panama City 3031R  
0700 WXGA-8, WJXT-4, WLCY-10  
0720 WCJB-20 Gainesville 4042R  
7 0020 W69AA-69 Hollywood FL R  
11 0645 WTVM-9 Columbus GA 4031N  
14 1900 WSWB-35 Orlando FL 4444R  
Es 1932 XEW-2 Mexico City 4421R  
1932 XHCV-3 Coatzacoalcos Ver  
1948 XHD-4 Tampico Tams 0321R

"Hellava month for a non-summer period...with the April Fool's super-tropo and the end of the month Es, April turned out to be quite good. Richard Clark and I finally got my antenna guyed down so it doesn't wallow in the wind. Also Jim Alexander came by for a visit while he was in Fort Lauderdale. My wife isn't too thrilled with the prospects of upcoming Es but... life goes on...WILL TRADE TVG!!! AND KEEP THOSE 3 x 5 cards coming in for the TV QSL column!"

Bob Seybold Bennett Road Dunkirk, New York (EDT)

"Just a short report, only real DX here was April 25--good skip opening"

April25 Es 1100-1400 "Cuba on 2 (CMA-2);" CMQ-6 WBRZ-2 WBSH-2 WTHS-2 WDIQ-2  
WEDU-3 WPTV-5 WCIX-6 WKRQ-5 WEAR-3 WTVJ-4 WUFT-5 WJXT-4 KATC-3 "and  
others--FM good too. Some signs of E-skip up to 5-10 but very little  
time to observe. (Same problem here, too -bt) Hope to be in full swing  
of DX by next report. Only tropo CKGN-22 Windsor and CKGN-29, WUCM-19  
WBYI-25 WKAR-23 & Detroit U's"Harry J. Hayes 1418 W. Mount Royal Avenue Apt. 2 Baltimore, MD 21217

"I haven't been DX-ing here due to a combination of factors, a poor set-up, locals, lots of buildings and a low altitude as well as attitude. On 3-15 a surprise in that I experienced a UHF opening, the last thing I expected.

March15 Tr 2100 WNJS-23 Camden NJ 3445N  
15 Tr 2140 WTAF-29 Philadelphia 2422N  
"A ch 45 spur caused CCI on ch 29."  
"I missed all the mid-winter Es in January. Around May 10th I will be returning to Thornhurst PA to a better set up, no locals, no buildings, a high altitude as well as attitude."

# CENTRAL TV DX

Don Ruland  
4448 68th Place  
Kenosha, WI  
53140

JUNE 1974 / DX from WI, IL, IN, MI, OH / Next deadline: See below

The period from mid-April to mid-May proved to be rather uneventful, with the exception of a nice E-skip opening on April 16 which brought double-hop reception to Paul Petosky in the Upper Peninsula of Michigan. Bill Draeb also reports Es on 4-16, as well as some weak openings on 4-24, 4-25, 4-29, and a fairly strong session during the early evening hours of 5-12. Here's what's been seen this month:

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

4-12	Tr	1733	KDNL-30 St. Louis(432)	4-26	Tr	2100	same UHF xltra as 4-25
		1955	WOSU-34 Columbus(395)	4-27	Tr	0733	W7LAE LaSalle, IL
		1955	Cleveland UHF's(355)			0807	Cincinnati U's(400)
	LS	2020	Erie UHF's(405)			0807	Lexington U's(473)
	Tr	2020	Dayton U's(368)			0607	WOSU-34 Columbus
	LS	2037	WUTV-29 Buffalo(445)			1829	WOET-16 Dayton
4-13	Tr	2208	Cleveland U's			1829	WMUB-14 Oxford, OH
		2208	KDNL-30 St. Louis	4-29	Es	1850	unID ch 2-3 from South
		2208	WICS-20 Springfield	4-30	Tr	2010	WHMB-40 Indianapolis
	LS	2208	WICD-15 Danville	5-2	Tr	1930	WHNB-40 Indianapolis
		2208	WAND-17 Decatur			1930	WLKY-32 Louisville
		2208	Peoria U's			1930	KDNL-30 St. Louis
		2208	KDNL-30 St. Louis	5-4	Tr	0750	Erie U's
4-15	Tr	0734	WOSU-34 Columbus			2000	WHMB-40 Indianapolis
		1726	Dayton U's	5-8	Tr	1820	Cleveland U's
		1726	WXIX-19 Cincinnati			1830	WOSU-34 Columbus
		1927	KDNL-30 St. Louis			1830	Dayton U's
		1940	Cleveland U's			1839	WJET-24 & WSEE-35 Erie
4-16	Es	1450	KPRC-2 Houston(1117)			1839	WHMB-40 Indianapolis
		1450	KATC-3 Lafayette(1026)	5-9	Tr	0450	WHIO-7 Dayton
		1701	WEDU-3 Tampa(1192)			0450	WBNS-10 Columbus
		1840	WTVY-4 Dothan Tent.	MS	0505	WCBS-2 New York(740)	
		1840	WTVJ-4 Miami(1362)		0508	WMAR-2 Baltimore(665)	
		1840	unID Spanish ch. 3	Tr	0519	CELAT-3-9 Wawa, ONT T	
4-17	Tr	0507	WDIO-10 Duluth			2116	WOSU-34 Columbus
4-22	Tr	1635	Dayton U's	5-11	Tr	2022	KDNL-30 St. Louis
		1635	KDNL-30 St. Louis			2022	Cleveland U's
4-24	Es	1945	unID ch 2-3 from South	5-12	MS	0718	CBOT-4 Ottawa
4-25	Es	1200	unID ch 2-5 from South	Es	1805	KATC-3 Lafayette	
	Tr	1945	Dayton U's		1838	WVL-4 New Orleans	
		1945	WOSU-34 Columbus		1912	WDSU-6 New Orleans	
		1945	WLKY-32 Louisville		1924	KALB-5 Alexandria	
		1945	WHMB-40 Indianapolis		1935	KLNE-3 Lexington, NE	
		1945	KDNL-30 St. Louis		1935	KUTV-2 Salt Lake City	
		1945	Fond du Lac UHF xltra		1935	KCPX-4 Salt Lake City	
		1945	Iron Mountain U xltra		1935	KOA-4 Denver Tent.	
		1945	Bacanaba U xltra		1935	KID-3 Idaho Falls T	
		1945	W78AJ Sheboygan		2054	WMAB-2 State College, MS	
		1945	W63AN Stephenson, MN				

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

4-8	Tr	2205	WGTU-29 Traverse City	4-19	Tr	2300	WGTU-29 Traverse City
4-10	Au	2145	unID ch 2-6 from North	4-20	Au	0045	unID ch 2-11 from North
4-16	Tr	1830	WGTU-29 Traverse City(135)	Tr	0100	CBFST-3-12 Elliott Lake	
	Es	1835	KPRC-2 Houston(1250)		0105	CELAT-3-9 Wawa(140)	
		1840	WBRZ-2 Baton Rouge(1130)		0105	CELAT-4-11 Marathon(160)	
	Tr	2210	WPNE-38 Green Bay		0115	CELAT-1-8 Manitowadge	
	Es	2325	WFMY-2 Greensboro(800)		0145	WJIM-6 Lansing(270)	
		2345	WCBZ-2 Charleston(1010)		0200	WNEM-5 Bay City(240)	
	2Es	2400	WKAQ-2 San Juan, PR		0215	WTMJ-4 Milwaukee(235)	
			(2300 mi---longest DX)		0220	WKZO-3 Kalamazoo(290)	
4-18	Au	2310	unID ch 2-6 from North		1005	WPNE-38 Green Bay(145)	
4-19	Tr	1200	WWTW-9 Cadillac(160)	4-21	Tr	0225	WTMJ-4 Milwaukee

Petosky (continued)

4-21	Tr	0225	WITI-6 Milwaukee(235)	4-28	Tr	2115	WGTU-29 Traverse City
		0230	WNEM-5 Bay City(240)		Au	2240	unID ch 2-6 from North
	Au	0235	unID ch 2-6 from NW		Tr	2315	WNEM-5 Bay City
4-23	Tr	0025	WNEM-5 Bay City	4-29	Tr	2340	CELAT-1-8 Manitowadge
	Au	0045	unID ch 2-6 from N			2340	CELAT-3-9 Wawa
	Tr	0120	WTMJ-4 Milwaukee			2340	CELAT-4-11 Marathon
4-25	Tr	0015	WPNE-36 Green Bay	5-2	Tr	0030	WGTU-29 Traverse City
		0020	WGTU-29 Traverse City			0030	CELAT-1-8 Manitowadge
		0100	CELAT-3-9 Wawa(140)			0030	CELAT-3-9 Wawa
		0100	CELAT-4-11 Marathon(160)			0030	CELAT-4-11 Marathon
		0125	WTMJ-4 Milwaukee	5-2	Au	0035	unID ch 2-6 from North
		0145	WMT-2 Cedar Rapids(400)	5-3	Tr	2400	WGTU-29 Traverse City
		0150	WITI-6 Milwaukee	5-7	Tr	2145	CELAT-1-8 Manitowadge
		1630	WGTU-29 Traverse City			2145	CELAT-3-9 Wawa
		2345	WPNE-36 Green Bay(145)			2145	CELAT-4-11 Marathon
		2350	CELAT-1-8 Manitowadge			2200	CBFOT-2-7 Hearst,ONT(265)
4-27	Tr	0100	WGTU-29 Traverse City			2300	<del>CHFD-4 Thunder Bay(185)</del>
4-28	Tr	2100	CELAT-1-8 Manitowadge			2315	CELAT-13 Geraldton(229)
		2100	CELAT-3-9 Wawa	5-8	Tr	0010	WGTU-29 Traverse City
		2100	CELAT-4-11 Marathon			0030	CKPR-2 Thunder Bay
		2120	WWTW-9 Cadillac(160)			2100	WPNE-36 Green Bay

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

4-25	Tr	0530	WKRC-12 Cincinnati	4-27	Tr	0800	WOSU-34 Columbus(320)
		0530	WXIX-19 Cincinnati(300)	5-2	Tr	0700	WOSU-34 Columbus
4-27	Tr	0720	WXIX-19 Cincinnati			0700	WHIZ-18 Zanesville(360)
		0728	WCET-48 Cincinnati			0710	WKBN-27 Youngstown(380)
		0730	WNUR-14 Oxford(270)			0710	WYTV-33 Youngstown

As mentioned in the Publisher's Notes this month, this will be my last Central TV DX column. My sincere thanks and appreciation to all club members who have supported this column in the past.

Beginning next month (July), Steve West takes over the reins of an expanded Central TV DX Column. In addition to the five states that currently report to this column, reports from Pennsylvania, West Virginia, Kentucky, Tennessee, Louisiana, Mississippi, and Alabama should be sent to Steve. These additional seven states previously reported to the Eastern TV DX Column...with this change, the balance between Eastern and Central will be more equitable.

Let's all welcome Steve royally, by sending him a TV DX report (deadline: June 12th). Here's the address:

Steve West  
432 Kenmore Road  
Havertown, PA  
19083

# WESTERN FM DX

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

Glenn Hauser, 620 N. Husband, Stillwater, OK 74074 (14 April - 3 May) (CST)

14 Es 1726 XHRA 89.1 Guadalajara Jal, MOR; 26 Tr 0010 KRLY 93.7 TX Houston, ID o/KISR 450  
 EL o/KMUW; \$ Full ID, ABC-I nx; 0015 KPFT 90.1 TX Houston, acid, weak  
 ad for Impulsa, Corona R; 0016 KIKK 95.7 TX Houston, ID  
 1751 XHM 88.9 México DF, ID, "Un Oasis 0024 KDTX 102.9 TX Dallas "Night Flight"  
 en FM--La voz y el sonido de nuestro news promo  
 tiempo", MOR; mono 28 0740 KIMP 100.7 TX Mount Pleasant, ID  
 1756 XEDA 90.5 México DF, "Imagen" single 0805 KELD 103.1 AR El Dorado, NBC 320  
 word ID by child, not \$ news, mx segue, Bible Story presented  
 1757 XERRED 88.335 México DF, Cerveceria by Howard's News Stand, 406 E. Main  
 Mochetuma ad, Red Nacional-cadena de mi- 0834 WBAQ 97.9 MS Greenville, 385  
 croondas for beisbol, freq measured local furniture ad  
 1816 XEBS 89.7 México DF, EL, YL anmt 0842 WKNO 91.1 TN Memphis, cl, 395  
 bad QRM de KSPI/KOSU 0914 KMYO 95.7 AR Little Rock, EL \$  
 1819 XHQB 91.3 México DF, SS ad in 1130 0916 KWDG 96.7 OK Idabel, ID, VA PSA200  
 KOSU SB; Observatorio timesignal, 0927 KYEA 98.3 LA West Monroe, soul 370  
 possible R. Reloj slogan, no trace on 0932 KRLL 99.3 AR El Dorado, oldies, 320  
 9,555 kHz automated ancr; Melody Mart ad  
 1825 XHSH 95.30 México DF, R. 1130 0944 KPMV 107.9 AR Magnolia gospel pgm  
 Amistad ID w/ address Balderas 32 0947 WKYV 106.7 MS Vicksburg, ID, wx  
 1828 XEW 96.9 México DF, rock-mono 1130 1 Gw 2318 Kvro 104.95x OK Stillwater,  
 1829 XHPOP 99.3 México DF, EL \$ 1130 off freq; nominal 105.5;  
 Nashua Copiadoras ad, ID, "Música 2 Tr 0730 KLOQ 106.1 KS Sterling, ex-105.5160  
 Felis" R switch made 20 Mar; Welch Ford Country,  
 1830 XHMM 100.1 México, DF, "Maranatha, ID as "\$ Radio KLOQ with translator  
 100 punto 1 mHz", "La Doble M--La FM service to the Great Bend and Ellsworth  
 de Mexico", some distortion areas"; ex-Lyons KS  
 1831 XEX 101.7 México DF, \$, SS ID 1130 0701 KXXX 105.5 OK Chickasha, nx 90  
 EE PSA, "102 XEX" jingle in EE, nx only 2 more OK FM's needed to complete  
 1831 XHV 102.5 México DF, \$ upbeat, 1130 state, (gud luck!-ed)  
 (see XHV logging below) 2230 All available Dallas-Forth Worths  
 1832 XHDFM 106.5 México DF, SS mx 1130 in solid such as...  
 vocal mono into \$; Mexican mx; 2244 KOAX 105.3 TX Dallas, clear  
 \$ Insurgentes y Chapultepec addr; in- against Kvro-105.5  
 complete ID, mention Zona Rosa 2247 KNRO 106.9 TX Conroe, rock, ID  
 1832 XEQR 107.3 México DF SSad 1130 2305 KUT 90.7 TX Austin, mono, jazz 405  
 1834 XHBT 104.9 México DF \$ EL 1130 2305 KPFT 90.1 TX Houston, \$ phoner  
 1834 XBOY 100.9 México DF SS upbeat 1130 from Berkeley,  
 1837 XELA 98.5 México DF mono cl 1130 2313 KUHF 88.7 TX Houston, jazz  
 1842 XERC 97.70 México DF rock 1130 2325 KWIC 107.7 TX Beaumont, ads,  
 1853 XHV 102.5 México DF EE jingle 1130 "KWIC FM 108, The Real Radio Station"  
 ID, "102.5 FM Stereo Rey" 0015 KGAW 93.3 TX Port Arthur, Texas 465  
 1937 XHRO 95.5 Guadalajara Jal 1105 2 State Tech ad, ID  
 \$ Gypsy Rose o/u/KWEN 0021 KRLY 93.7 TX Houston, ID  
 1937 XEBA 97.1 Guadalajara Jal \$MOR 1105 0103 KIKK 95.7 TX Houston, C&W  
 1938 XETIA 97.9 Guadalajara Jal 1105 0106 KHCB 105.7 TX Houston, 450  
 \$ upbeat SS, Financiero del Norte ad, church ad, in Pasadena.  
 IS as "Fórmula Melódica; Música para  
 Enamorados", SS play by play-BB  
 1943 XHMA 101.1 Guadalajara Jal, 1105  
 upbeat Mission Impossible theme,  
 ad, Loteria 5 de Mayo

Jim Pizzi, 300 Park, Orcutt, California 93454 (17 Apr - 1 May) (PDT)  
 27 Es 2055 unId 92.3 rock mx, MUF 92.3 29 Es 1230 KANW 89.1 NM Albuquerque  
 29 Es 1153 KNFM 92.3 TX Midland 1230 KGNC 97.9 TX Amarillo  
 1200 KRVM 91.9 OR Eugene 1234 KLDG 95.7 NM Hobbs  
 1223 KRWC 90.7 NM Las Cruces 1241 KMTY 99.1 NM Clovis

New loggings are underlined. Present FM log is 206 stations.



- Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (13 Apr - 3 May) (GST)  
 Hallicrafters SX-62 with International Crystal SAX-1 preamplifier; Allied 426; Archer V-100 antenna at 20 feet with rotor...
- 13 Tr 2103 KQXX 98.5 TX McAllen, R. 98 ID 215 27 0005 WKXI 94.7 ME, Jackson, ID, rock 525  
 2115 KHGX 95.3 Tampico Tamp, EL MOR 500 0059 KLGL-FM 99.5 LA Lake Charles 325  
 14 Es 1605 spotty 88 Spanish Es in and out for for almost an hour  
 1707 R. Fabulosa, 88.8 Guatemala City, Guatemala, ID 1120 28 0130 KSGS 96.3 TX Fort Worth, c&w, ID 240  
 1740 Radio America (Cadena Nacional) 0138 KAFM 92.5 TX Dallas, rock, ID 250  
 88.7 Tegucigalpa, Honduras, ID 1250 29 1823 looking for Es but only finding Tr  
 1853 XHM-FM 88.9 Mexico DF, EL 690 KAMC 94.9 TX Arlington, ID 245  
 ID as "Un Oasis en FM"  
 1900 FM Es f/out  
 1818 brief 88.8 or 88.7 Spanish  
 1841 R. America 88.7 Tegucigalpa, Honduras, full ID's  
 1910 tent. R. Fabulosa, 88.8 Guatemala City, Guatemala, in/out for 35 min.  
 2035 low 88 rapid f/in and out
- 16 Es 1145 tent WMCU 89.7 FL Miami 1150  
 1145 tent WINZ-FM 94.9 FL Miami 1150  
 1201 WTLN-FM 95.3 FL Apopka, ID 1040  
 1210 tent WDBO-FM 92.3 FL Orlando 1035  
 1250-1301 brief 89.5 & 89.1 unID MI-?  
 1617 Es starts up with 89.3  
 1622 tent KHKE-FM 88.1 IA cedar Falls with sports for Iowa 960  
 1625 tent WFNE-FM 89.3 WI Green Bay 1190  
 1628 tent WDAI 94.7 IL Chicago rock 1045  
 1646 WONG 89.1 IL Naperville, PSA-id 1030  
 1655 WJVM 94.3 IL Sterling, ad 985  
 1659 WHA-FM 88.7 WI Madison, ID 1065  
 1708 tent WNIU 89.5 IL DeKalb 1020  
 soon all very spotty and last FM f/out apx 1723
- 21 1143 brief Es, tent KXCV 90.5 MO 780 Marysville
- 26 Tr 2134 WAFB-FM 98.1 IA Baton Rouge 450 MoR, ID  
 2331 KTAL-FM 98.1 TX texarkana, c&w 380 KCMC am ID  
 2358 KBPO 94.1 TX Beaumont, EL, ID 275
- Steven C. Wiseblood, 707 Loma Way, Santa Maria, CA 93454 (1 Apr - 3 May)  
 Symphonic Stereo Receiver; Pioneer SM-Q300B rx; FM 4G @ 10 ft; Finco model 65-7 booster
- 12 Tr 1100 San Diego-Tijuana in strong 29 Es 1214 KQIP 96.9 TX Odessa, \$ EL 1052  
 1128 XHERS 104.5 BC Tijuana \$ Soul, 245 FM 104, (EL)  
 1920 XETRA 91.3 BC Tijuana, EL 245  
 17 Tr 1555 XHRM 92.5 BC Tijuana, SS, 245 \$ Latin mx, "Radio Moderna-50 kW"
- 27 Es 1625 KAFM 92.5 TX Dallas, RR\$ 1349  
 1635 KGAF 94.5 TX Gainesville, C&W 1319 mono; PSA-Cooke Co. Cancer Crusade  
 1639 KAMC 94.9 TX Arlington, \$RR 1339  
 29 Es 1135 KUOW 94.9 WA Seattle, \$ abt bks 879  
 1142 KTOY 91.7 WA Tacoma, ski rpt 864  
 1149 KPBC 90.9 WA Tacoma, YL dj, 864  
 mainly top 20 hit mx  
 1200 KRWG 90.7 NM Las Cruces, \$ 800 electronic mx  
 1203 KTEF 88.5 TX El Paso \$ cl, -tent-  
 1207 KNFM 92.3 TX Midland, \$ Popular 1066 "Of Mice & Men" playing @ Midland Community Theater  
 1209 XHPX 93.7 Ciudad Juarez, Latin mx  
 1211 KSET 94.7 TX El Paso, Tent. \$ EL
- 0855 KILA 95.5 NV Henderson, rel pgm 1040 local news  
 0858 KORK-FM 97.1 NV Las Vegas, area 1050 news, ID, EL  
 0904 KVEG-FM 92.3 NV Las Vegas, ABC-I1050 news, ID, MoR  
 0906 KLUC-FM 98.5 NV Las Vegas local 1050 PSA, rock  
 0913 KLVN 94.1 NV Henderson, local ad 1040 spotty by 0920 and f/out 0925  
 2 2205 KBPO 94.1 TX Beaumont, ID, EL 275  
 3 0011 KSGS 96.3 TX Fort Worth, c&w, ID 240  
 0100 KTAL-FM 98.1 TX Texarkana ID C&W 380  
 0200 KBJH 98.5 OK Tulsa, rel pgm, ID 485  
 0205 KEBE-FM 94.7 OK Oklahoma City 420 ID, c&w  
 0302 KWXI 97.1 TX Fort Worth, EL, ID 240
- After what was the best month of April Es I've seen (FM and TV) the first week of May has been a very pronounced slump here. April trop didn't appear as well as in past years (due, in part, to frequent cold front passages). By next time we'll know just how solid of an Es season this will be. 73-pat
- 1225 KOYL 97.9 TX Odessa, Million 1052 sellers; Chuck Boone Show  
 1228 KMTY 99.1 NM Clovis, Country \$ 99  
 1229 KTMQ 99.9 NM Clovis, \$ "Q-100" 974  
 1231 KPAN 106.3 TX Hereford, ad for 1015 Gibson's Discount; Gibsons radio nx  
 1236 KCFA 105.7 WA Spokane, gospel 899  
 1238 KEZE 97.3 WA Spokane, \$ EL 899  
 1240 unid 97.3 SS in US/near boarder  
 1245 KHQ 98.1 WA Spokane, \$ "The Sound of Solid Gold" RR  
 This is my first FM DX report, but I have been DXing the FM band since 1971. The skip on April 27 & 29 came totally unexpected, especially since last year I did not find any Es on FM until May 26. My FM totals are now 139; 24 by Es, & have 12 TPUnits, Farthest Tr. Angwin, CA



# VHF UTILITY DX

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

JUNE 1974

Glenn Hauser, c/o Radio Station KUSU-FM, Oklahoma State University, Stillwater, OK 74074 - Astronaut 6 with 100' long wire antenna; GMT

4-16: 2141, KQC 884 35 + Detroit, MI (A2 pager)  
2234, KGA 805 35 + Pittsburgh, PA (A2 pager)  
2241, KKG 561 35 + (first number uncertain) (A2 pager)

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

1-1: 2030, KAD 417 37.10 Audubon, IA (sheriff; 100 watts)  
2031, KAB 229 37.10 Boone, IA (police; 180 watts)  
2054, KAD 482 37.10 Toledo, IA (sheriff; 180 watts)  
2: 2020, KIF 650 35.58 Birmingham, AL (Airsignal International, Inc.; A2 pager; 216 watts)  
2044, KKB 953 37.18 Liberty, TX (sheriff; 250 watts)

Thomas J. Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222  
Electra Bearcat 3, Lafayette PF-300;  $\frac{1}{4}$ -wave Mon-8 ground plane,  
Hy-Gain beam (140-176 MHz) and Hy-Gain  $\frac{1}{2}$ -wave CB whip @ 17'

2-12: 1330, KUV 669 37.20 Bel Air, MD (sheriff; QSLed)  
13: 1800, KGA 361 33.86 District Heights, MD (county fire; QSLed)  
1900, KGC 629 46.46 White Marsh, MD (county fire; QSLed)  
3-4: 1830, KIA 385 37.26 Dyersburg, TN (sheriff; QSLed)  
KIJ 233 37.26 Ripley, TN (sheriff; QSLed)  
24: 0230, KLU 464 45.18 York, PA (sheriff; QSLed)  
4-1: 1730, KGA 611 154.19 Washington, DC (fire; QSLed)  
1900, KGA 241 155.64 Gaithersburg, MD (county police; QSLed)  
8: 2030, KIC 367 42.86 Culpeper, VA (state police; QSLed)  
16: (1600 to 2030)  
KAB 607 39.46 Chester County Sheriff (IL)  
KAA 585 37.10 Marshalltown, IA (sheriff)  
KAM 799 37.10 Burlington, IA (sheriff)  
KAB 453 37.10 Bedford, IA (sheriff)  
KAD 821 37.10 Cherokee, IA (sheriff)  
KAC 359 37.10 Winterset, IA (sheriff)  
KAA 947 37.10 Centerville, IA (police)  
KAA 201 42.06 Jefferson, MO (state police)  
KAA 202 42.06 Lees Summit, MO (state police)  
KAA 474 37.10 Washington County, IA (sheriff)  
KAP 962 39.46 Stockton Village, IL (point-to-point)  
KSA 774 39.46 Sterling, IL (state police)  
KPH 399 39.46 Nashville, IL (sheriff)  
KSD 603 39.46 Sandwich, IL (sheriff)  
KAD 808 39.46 Hiawatha, KS (sheriff)  
KBQ 210 39.46 Horton, KS (sheriff)  
KEC 250 39.46 Seneca County Sheriff, NY  
KKA 238 42.02 Hattiesburg, MS (state police)  
KIB 481 45.06 Fort Myers, FL (highway patrol)  
KIB 482 45.06 West Palm Beach, FL (highway patrol)  
KIM 776 45.06 Ft. Lauderdale, FL (highway patrol)  
KIB 478 45.06 Tallahassee, FL (highway patrol)  
KID 533 45.06 Marathon, FL (highway patrol)  
KAB 607 37.10 Guthrie Center, IA (sheriff)  
KAB 574 37.10 Marengo, IA (sheriff)  
KAE 698 37.10 Pocahontas, IA (sheriff)  
KLK 747 42.02 De Kalb County, GA (state police)  
18: 1800, KSO 592 37.10 Washington, DC (local government)  
1830, KGA 814 45.02 Bellefonte, DE (state police)  
1845, KGA 815 45.02 New Castle, DE (state police)  
1900, KGD 260 46.18 Elkton, MD (county fire)

- 18: 1930, KDN 934 46.18 Biglerville, PA (county fire)  
 1947, KTK 634 46.18 Gettysburg, PA (county fire)  
 19: 0400, K SZ 223 155.685 Lancaster, PA (county; QSLed)

Now, my loggings. Hallicrafters SX-62 with two 30' wires at 12' (nw-se and ne-sw runs); all are Es unless noted (\* F2, with peak MUF noted if over 30 MHz; \*\* F2 backscatter, usually unID peak noted when higher than direct MUF only); GMT used; new underlined (Sp-Spanish)

4-13: 2030, 38.86 Sp *	24: 1628, <u>KAA 522</u>	3: 1945, 37.00 Sp *
2222, KKI 445 **	1631, KAA 958	2105, KQC 877
14: 1850, 38.50 Sp *	1745, KAG 793	2117, KFJ 891
15: 2110, 37.00 *	1929, Los Ang	4: 1701, KQA 606
2219, KQD 313	1934, KQD 313	1702, KMA 829
2223, KQC 877	1950, KME 438	1709, KFL 943
16: 0616, KMA 829	1954, KUA 772	1805, KLN 402
1420, K SJ 815	2040, L Beach	6: 0450, <u>KME 438</u>
1650, KIQ 999	2137, KDN 407	2018, 37.00 Sp *
1659, KIE 953	2300, KLF 527 *	2245, KFL 943
17: 1608, KDN 402	2318, 36.25 Sp*	2345, KMA 829
2155, 37.00 Sp *	25: 0131, KQD 607	7: 0116, KQC 884
1830, 38.50 Sp *	0132, KMA 829	0125, KME 438
19: 1626, KQD 607	0240, KFJ 891	0128, K SJ 815
1635, K SJ 815	1548, KQD 609	0345, OK City
1636, KQD 600	1612, K SJ 815	0349, KQA 606
1640, KFJ 891	1818, KME 438	0704, KFL 943
1744, KQC 884	26: 0208, KFL 943	1615, Los Ang
2045, 40.00 Sp *	0649, KME 438	1838, 44.57 *
20: 2035, 40.00 *	1539, KMA 829	8: 2037, 46.30 *
21: 1548, <u>KSA 566</u>	1952, L Beach	2103, KMA 829
1625, <u>KSA 775</u>	27: 1802, KMA 829	2112, Los Ang
1828, KSB 230	1820, KME 438	2154, KME 438
1847, KMA 829	2205, KFL 943	2214, <u>KMD 309</u>
1913, OK City	2219, KMD 349	2249, KFL 943
2010, KDN 402	29: 0605, KQD 600	9: 0000, Los Ang
2144, 37.00 Sp *	30: 1552, KME 438	1953, 46.75 *
2224, KKI 445 **	1557, L Beach	2258, L Beach
2331, KMA 829 **	1614, KMA 829	10: 1625, KFL 943
22: 1636, KMA 829	1930, 35.28 Sp *	1738, L Beach
1930, 31.22 *	5-1: 0405, KFL 943	1747, KMD 349
23: 1641, L Beach	0444, KQA 606	1750, KME 438
1651, KME 438	0650, KME 438	1835, 38.50 *
2000, KDN 407	2: 0110, 35.58 **	2215, K KJ 460 **
2004, KQA 606	0145, KLF 527, *2242	
2025, 35.28 Sp *	2127, 36.90 Sp *	11: 1427, KQA 606
24: 0250, KFL 943	2231, KMA 829	1547, KMA 829
0401, KMA 829	2235, KME 438	1950, 37.00 *
0435, KMD 349	3: 0151, KFL 943	12: 0245, KMA 829
1616, KAA 201	1818, KMA 829	

KAA 201	42.06	Macon, MO-sp	KME 438	35.22	Orange, CA
KAA 522	42.06	Willow Spgs, MO-sp	KQC 877	35 +	Cincinnati, OH
KAA 958	42.06	Rolla, MO-sp	KQC 884	35 +	Detroit, MI
KAG 793	42.54	Belmond, IA-sp	KQD 313	35.50	Dayton, OH
KAQ 606	35.58	Denver, CO	KQD 600	35.22	Mansfield, OH
KLN 402	35.54	Omaha, NE	KQD 607	35.50	Grand Rapids, MI
KDN 407	35.22	Col Spgs, CO	KQD 609	35.22	Lansing, MI
KFJ 891	35 +	Columbus, OH	KSA 566	42.42	Chesteron, IN-sp
KFL 943	35.58	Las Vegas, NM or NV	KSA 775	42 +	Macomb, IL-sp
KIE 953	35.58	Atlanta, GA	KSB 230	42.52	Joliet, IL-sp
KIQ 999	35.34	Mobile, AL	K SJ 815	35.22	Fort Wayne, IN
KKI 445	35.58	Houston, TX	KUA 772	42.42	Indianapolis, IN-sp
K KJ 460	35.22	Fort Worth, TX	-	35.58	Long Beach, CA
KLF 527	35.22	Honolulu, HI	-	35.38/.46	Los Angeles, CA-mp
KMA 829	35.58	San Diego, CA	-	35.58	OK City, OK
KMD 309	43.58	Los Angeles, CA			
KMD 349	35.58	Bakersfield, CA	73, Pat	WA5IYX	

# FM QSL CORNER

Greg Kelley-  
108 Archer Street  
Staunton, Va. 24401

- Maine Orono WMEH 90.9-verified by ltr.v/s Edward E. Winchester, Dir. Engr.
- Michigan Adrain WLEN 103.9-verified by ltr.v/s Richard Lackie mgr.  
Alpena WHSB 107.7-verified on office memo paper. stationary was used for WHAK-AM Rogers City, and was unsigned by Harvey Klann, position unknown.  
Ann Harbor WPAG 107.1-verified by ltr.v/s John Holt, CE.  
Charlotte WCER 92.7-verified with long ltr.v/s David W. Huva CE. states mine is one of most distant reports received. Mentions also report from Al Ellis (WTFDA member) same day.  
Gaylord WWRM 106.7-verified by ltr and cm. v/s John D. DeGroot, Pres. and G. Mgr.  
Mount Pleasant WCMU 89.5 verified by ltr.v/s Paul Baumgartner, CE., states WCMU us 3rd public-owned station in the US to broadcast 24 hours a day.  
Muskegon WQWQ 104.5-verified with 2-page form ltr. v/s Jack Maciejewski, Tech dir.  
Saginaw WSBM 106.3-verified by ltr.v/s Clifford Graeff, Engr.  
Saint Joseph WSJM 107.1-verified by ltr, enclosed cm and a business card. v/s Noel M. Moss, CE.
- Mississippi Biloxi WVMJ 93.7-verified by f-ltr.v/s Robert L. Thornton, CE.  
Greenville WBAQ 97.9-verified with ~~long~~ short ltr. V/S Percy L. Kuhn, CE.  
Jackson WKXI 94.7-verified with vy long ltr.v/s J. Alex Bowab, Pres., who states he is a DXer himself and has done some VHF DX'ing also. Asks me to inform WTFDA that he welcomes DX reports. In a later ltr he also sends extra station station literature.  
Meridian WDAL 101.3-verified with ltr.v/s V.D. McCartney. (handwriting illegible).
- Missouri Hannibal KGRC 92.9-verified with ltr.v/s Karl E. Holtmeyer, CE. This is the only MS reception I have verified.
- Montana Billings KOYN 93.3-verified with ltr.v/s Dick Rasky, CE.  
Glendive KIVE 96.5-verified with ltr.v/s Dennis Howard, CE. States that they received another report of reception the same day from Baton Rouge. (maybe Richard Wood ?)
- Nebraska Columbus KTTT 93.5-verified with short ltr.v/s Joe Stavas, Mgr.
- New York Buffalo WGRQ 96.9-verified with QSL card, but is different from former "WGR" card. v/s Harold A. Higgins, CE.  
Jamestown WWSE 93.3-verified with ltr on "WJTN" stationary. v/s H.F. Niklaus, CE. ltr mentioned EHAAT drop power boost and addition of vertical polarization accompanying call letter change from WJTN.  
Utica WRUN 104.3-verified with f-ltr used for AM & FM, (with FM indicated). v/s Gary N. Arpin.
- North Dakota Jamestown KSJM 93.3-verified with ltr.v/s Harvey G. Van Erem, CE., States: "...way over half the reports are on Heathkit."
- OHIO Akron WAEZ 97.5-verified with QSL card used for WAKR, with WAEZ indicated below. v/s Irv. Knopp, Cop.
- Alliance WRMU 91.1-verified with ltr, enclosed copies of prog. log pages, prgm sch. v/s Charles R. Morfield, S. Dir.
- Ashtabula WREO 97.1 verified with f-ltr, some tech. data. v/s Frank Bernato, CE
- Athens-WOUB 91.3-verified with ltr, cm enclosed. v/s Ted Jacobson, Prgm, Dir.

The above reports are from Peter Sawatzky of Waterloo, Canada

MISSOURI Hanaibal KGRC 92.9-ltr and survey chart. v/s Mel Elzea. Said ND was the farthest report until they got mine.

TEXAS Austin KVET 100.7-ltr, v/s Alvin O. Kriegel Jr. Tech. Sup. who said: "this is the farthest we have been received."

San Marcos KRMH 103.7-ltr, v/s Lee Gaddis, Station Mgr. who said: "My reception is the farthest we have on record."

Wichita Falls KLUR 99.9-ltr. v/s Sammy F. Beard, Mgr.

Ft. Worth KBUY 93.7-form ltr unsigned, but a p.s. was typed on the bottom apologizing for the AM ltrhead and form ltr and hoping this added personal touch will make up for it. (...mmmmmmmm.....gk)

Ft. Worth KSCS 96.3-sent a WBAP AM/FM/TV QSL card with KSCS typed in. v/s Rupert Bogan, Dir of egr.

The above reports from Joe Markewicz, Camp Morton, Manitoba ROCOMO

WFBC-FM 93.7, Greenville, SC-combination AM/FM/TV card with antenna pwr info (took over 6 months) signature Ron .....

WMEZ 94.1, Pensacola, FL-ltr in 10 days, v/s Frederic T.C. Brewer, owner.

WVMI-FM 93.7, Biloxi, MS-xerox of a form ltr in 14 days, has ant-pwr info. v/s Robert L. Thornton, CE.

WCHD 105.9, Detroit, MI-ltr in 10 days, v/s Cecil Wilkinson, egr. department.

WGCL, 98.5, Cleveland, OH-xerox of a form ltr with much xmtr-ant details in 12 days, signed Richard A. Schuh, Corporate Dir of Egr. (used to be with KNUS); also enclosed contour cm.

WJML-FM, 98.9-Petoskey, MI-form ltr with power info in 10 days, v/s Glenn H. Casy, GM.

~~WFOU~~ 105.9, Grand Rapids, MI-ltr in 10 days, v/s Michael O. Lareau, GM.

WFAV 98.3-Cordele, GA-ltr in 228 days (they had misplaced my report in the files) saying most distant report they have; v/s Bill Goodson, GM.

KBBY, 95.1, Ventura, CA-felt-pen ltr in 7 days, v/s Earl Spencer, OPS M.

KLYD, 94.1, Bakersfield, CA-returned my report with verie note (another felt-pen job) signed Donald T. Allen; time: 7 days.

KPCS, 89.5, Pasadena, CA-sent Oct-Dec '73 Pgm Guide, Xerox of their log for my report with verie note typed, v/s A. Kenneth Johnson, CE (W6FU/WB6TTZ); also card for W6FU & W6BAB (club station of Pasadena City College) time was 7 days.

The above reports from Pat Dyer of San Antonio, Texas. Pat reports these were 6-7 month old reports he sent. Nice going Pat.....

NEW Brunswick St. John CFBC 98.9-nice postcard showing the Martello Tower, v/s Gordon Miller, CE-this card was when I was living in NS. The only verie I got & only one sent. (Joe Markewicz) (sorry about being out of order...gk)

Al Ellis sent me Xerox copies of QSL letters...here below are his best.

BERMUDA Hamilton ZBM 89.1-1000 watts-sent vy nice ltr ~~whihh~~ said: "We too are very impressed with the quality of the signal and are pleased that you took the time and effort to send us the tape, which we shall keep on file, along with your letter." v/s Keith P. Hart, Production M. (I consider this QSL to be his best..gk)

WARC-FM Meadville, Pa-90.3 with 33 watts ERP.-sent nice ltr from Arthur T. Reed, Dir of Egr.

WVWC 88.9 Buchannon, W.Va.-sent vy nice ltr and remembers me from the first report. v/s Arnold W. Sayre, CE. (Al says he gets normal reception from them at 240 miles...that is vy good...gk)

THANKS FOR A LTR FROM Richard Wood who says I should go back to state method. Yes...I do agree...the state method will be back for July VUD. Please send all reports on 3 1/2 x 5 index cards..thanks..I haven't noticed any Es yet...on slight Tr. Thats it for this month.

73's...good DXing....happy streaking! *Aug*

# TV QSL CORNER

JUNE '74

First, mailbag: Any South Carolina ETV Network station can be verified by Gerald H. Warr, transmission engineer at Drawer L, COLUMBIA, S.C. 29250. No word yet on getting WGR to ad dates and times to their card. Also reports to this column for this year so far have been from eight reporters. These eight report regularly and I think more of you could. Out West we get 0 reports. Let's face it the stuff in this column is only as good as you send in! I realize this can be a hassle but we don't care if you send one report or 100, they're all needed.

On to the reports:

- AL WSFA Ch 12 MONTGOMERY, memo, DICK PAYNE, ce. 5 days. (JC).  
WHNT Ch 19 HUNTSVILLE, hand written card, J.M. HALL, ce. 10 days. (KRS).  
GA WTCC Ch 17 ATLANTA, ltr & map. E.B. WRIGHT, ce. 3 weeks. (KRS).  
WJCL Ch 22 SAVANNAH, ltr. E.F. BIGBIE, vp eng & op. 9 days. (JC).  
SC WIS Ch 10 COLUMBIA, ltr JOSEPH P. GILL Jr., ce. 5 days. (JC).  
WEBA Ch 14 ALLANDALE (Route 1, Box 47 BARNWELL, SC, 29812) ltr. JAY STOWELL, eng. 8 days. (JC). Same. (KRS).  
WRLK Ch 35 COLUMBIA, ltr, SC ETV booklet. DONALD FRIERSON, supt. 9 days. (JC).  
TX WOAI Ch 4 SAN ANTONIO, unsigned card. (on 4¢ post card--4¢ POSTAGE DUE). 10 days. (KRS).  
KHOU Ch 11 HOUSTON, ltr. M. ART BIGGS, ce. 20 days. (KRS).  
PR WIPM Ch 3 MAYAGUEZ (Box 449), ltr. PEDRO SILVA, tech. 10 days. (KRS).  
WIPR Ch 6 SAN JUAN (Box 609 HATO REY, PR, 00919) ltr. GRAFTON OLIVERA, de. 10 days. (KRS).  
--both English answers to English reports.

## MEXICO

- NL XEFB Ch 3 MONTERREY (Televisocentro de Monterrey, Espinosa Pte. 780, Monterrey) Spanish ltr & card. ING. ALFONSO R. TAMEZ, Ingeniero en Jefe. 1 week. (KRS). Report in SPANISH.  
YU XHY Ch 3 MERIDA (Televisora de Yucatan, S.A., Apt. 152, Merida). English ltr. C.P. ANDRES GARCIA LAVIN, gen. mgr. 1 week. (KRS). Report in Spanish.

-----KRS= me; JC= John Combs, Orlando, Fla. (NEAR DISNEY WORLD and BITHLO!)

Second thoughts: WCBS-TV Ch 2 NEW YORK has so far resisted all efforts to restart sending out QSL cards. WWAY Ch 3 WILMINGTON remains erratic in answering reports. If you have any nominations for the TV QSL BLACK LIST feel free to submit them. Also, I'm running a contest to find the OLDEST KNOWN TV QSL. Surely Bob Cooper or Glenn Hauser or Bob Seybold has one back to the late 40s... If you want to enter, just send a xerox for starts. When I go on vacation in August to Guatemala, El Salvador and Nicaragua, I will try and see if I can get QSL policies on stations in those 3 countries. Is anyone strong enough in French to attempt a report form? Well, keep them 3 x 5s commin... SUPPORT YOUR COLUMN. 73s & gud TVDX.

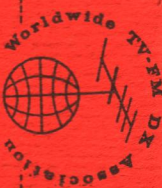
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The VHF-UHF DIGEST is the monthly publication of the Worldwide TV-FM DX Association. WTFDA is a nonprofit organization and a member club in the Association of North American Radio Clubs.

Dues: US and Canada: \$9 Mailed by first class mail.  
Overseas: \$8 US funds, by printed matter rate.

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