

# From The Staff:

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

**F2 CONDITIONS DROP DRASTICALLY...**For reasons that haven't yet become clear, good transAtlantic F2 VHF DX conditions didn't last through late winter, despite the kind of solar flux levels that would call for MUFs of 50 MHz and higher. There has been little or no transcontinental F2 skip above 50 MHz since the super November and December sessions. As you read this, the north-to-south paths will be of most interest to DXers.

**NEW FCC TV NEWS EDITOR NEEDED...**We're very sorry to announce that John Combs has decided to step down as the VUD's FCC TV NEWS editor. John was among the most capable of our editors, and his services will be sorely missed. John details his reason for resigning in this month's MAILBOX. We're now in need of someone to take over the FCC TV column as soon as possible. If you have access to current FCC and CRTC news, you could take this opportunity to help WTFDA out. If you're interested in doing this monthly column for the VUD, please contact Bill Thompson (address on back cover).

**ATTENTION VUD COLUMN EDITORS...**Please make sure that your columns are mailed to Buffalo, not Calumet City. Forwarding mail costs the club money, and causes a bothersome and unnecessary delay in getting your material into print. Editors are also reminded that VUD columns must reach your editor-in-chief by the 15th of the month. Some columns have arrived very late recently, and with other time-consuming problems to face (such as increasing printing time) we simply cannot hold the VUD for one or two late columns.

**SPEAKING OF LATENESS...**Thanks to those of you who have been able to bear with us again this year during the recent lateness of the VUD editions. Most of the problem has been with "last minute" retyping, additions, and deletions on the Buffalo end, and we promise you earlier VUD's in future.

**ON THE COVER...**Once again this month, we have DXer Paul Traska to thank for the VUD cover. The series pictured are from Paul's extensive collection.

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### New Members:

John Kosinski, Jr.	18 Case Road	Stamford, CT 06905
Frank Luman	1148 S. Steele St.	Denver, CO 80210
John Stoffel	Rysam St.	Sag Harbor, NY 11963

### Renewals:

Albert Bernard, James A. Brown, Jr., John Buehler, Randall Clark, Bob Cooper, Armand DiFilippo, Pat Dyer, Ray Fraser, Ed Houchins, Carlon Howington, Rod Luoma, Michael McNeely, Frank Merrill, Raymond Parker, Richard Schaak, Robert Steadman, Frank Wheeler, Morgan Williams, John Zeis.

### Rejoins:

✓ Sheldon Remington-102 Wredon-Fairfax, CA 94930  
✓ Gary Walsh-503 Van Norman St.-Thunder Bay, ON P7A 4E3

### Address Changes:

✓ Doug Everitt-Route 7, Box 252B-Enid, OK 73701  
✓ Guy Kroger-1402 Lord-Trenton, MO 64683  
Andrew Mahoney-6206 Dagle Drive-Des Moines, IA 50311  
✓ Mark Strickert-960 Complex-#N705-1239 Dickinson Drive-Coral Gables, FL /33146

### Renewals Due in April:

Earl Albin, Robert Baker, Philip Boersma, Roger Bortree, Edward Cotton, John Czarnomski, Mike Dorner, Richard Eddie, Eric Fader, William Feidt, Jerry Franklin, Gray Fulk, Les Goins, Roger Gravelle, Michel Guzzi, Harry Hayes, Robert Heckenlively, James Herkimer, Hank Holbrook, Billy Holley, Jerry Hunt, William Johnson, Ron LeBlanc, Mark Lewis, Paul Mount, A. Robert Pantazes, Les Prus, N.G. Reid, Steve Rich, William Ronecker, Andrew Smith, Mahlon Stilwell, Lee Vulgamott, William Welch, Gary White, Roger Winsor.

New member JOHN KOSINSKI, JR., is a TV news executive interested in DXing the FM-TV and BC bands. Also a member of NRC, John's DX gear includes a Panasonic RF-1170, Panasonic RF-2200, and a Sony ICF-6700.

From the Rocky Mountain State comes new WTFDAer FRANK LUMAN, a pharmaceutical chemist. Frank's DX equipment includes a JVC b&w 625 line VHF & UHF receiver (40-72 MHz, 175-225 MHz, & UHF) and a Sherwood S7100A stereo unit. Antennas include a 5 element lower VHF yagi and an Antiference 15 element dipole. Additionally, Frank uses a Jaybeam FM9S antenna for FM and a Jaybeam MBM 44 (ch 38-50) for UHF. To round out his shack, Frank has assorted testing and maintenance gear. Our new Colorado member is a founding member of the Scottish VHF & SW DXers club and has many off-air photos of European stations.

Our final intro this month is for JOHN STOFFEL of the Empire State. John is interested in TV, FM, and PSB DXing, and has CB call letters KOA 2848. On his application form, John writes that his DXing gear is a bit limited, except for a PRO-2001 scanner, and says, "Presently interested in reading what this DXing is all about. Someday, time, equipment, conditions and money will allow active practice." I'm assuming that John joined us because of the articles in CB Magazine. Welcome aboard!

### Tidbits.....

This month we start off with some most interesting words from John Combs (2485 Ivan Court, Orlando, FL 32807): "After nearly eight years of chasing that elusive commodity known as TV-DX (and a little FM, too, in recent months), I'm afraid I must announce my "retirement," so-to-speak. "You're WHAT?", I hear you saying. Well, I must admit that it sounds a bit dramatic. No, I haven't gone mad, either--this is a decision that has been quite some time in coming--nothing "rash" or emotional precipitated it.

Many of you who have come to know me closely are aware of my involvement in Christian circles. I am an evangelical, charismatic Christian ("charismatic" in the sense of believing in the modern-day existence of spiritual gifts or charismata in the Greek; see I Cor. 12 if you wish), and my relationship to Christ is the motivating force in my life. I have reached a point in my life where certain things have had to go in order to free me to pay more attention to my spiritual life. One of those things is my DXing hobby.



(Combs, cont.) Now, don't get me wrong--I'm not about to say that DXing is "sinful"--such an accusation would be nothing short of absurd. God "richly supplies us with all things to enjoy" (I Timothy 6:17). There is nothing inherently wrong with the hobby at all. The problem is that it creates a certain problem for myself, personally. St. Paul wrote that "all things are lawful for me, but I will not be mastered by anything" (I Cor. 6:12).

I had to face the fact that DXing was one of the things "mastering" me--it had become too much of an obsession. (One can even be "obsessed" with something spiritually "good"; e.g., the Christian believer who is "obsessed" with evangelism or prayer or divine healing, to the virtual exclusion of the other facets of the Christian life.) When something gets to the point where "I HAVE to do it," then I've got problems. As much as I tried (sporadically succeeding), I generally could not "ignore" an opening if there were more important things pressing. If there was no opening, then I spent much time revising station logs or pouring over VUDs.

A second reason for my decision has to do with pride. It's very humiliating to admit it, but I must. As much as I tried to pretend it wasn't true, I got a big ego charge out of the WTFDA; I enjoyed seeing my name in print, seeing my DX photos published, receiving acclaim for my column. As often as I told others that "good DX is being in the right place at the right time with the right equipment--it doesn't take a lot of skill," I still was rather "puffed up" when I would see some particularly outstanding loggings in print. I confess not only to harboring that attitude myself, but hypocritically pointing it out in others! Please forgive me for that, if you can.

So, if I am to grow in my spiritual life, certain changes must be made. Therefore, my antennas are disconnected, though not dismantled yet (too busy). Much of my DX gear (traps, amps, etc.) is in a box in my closet, and may be sold and/or "donated" at some future date. I will still hang on to my photos and tapes for the time being, but they might go, too, someday.

Rest assured, I don't condemn anyone else for engaging in this hobby!! Please don't misunderstand me there. And don't feel that you can't discuss DX with me by letter or phone, much as one doesn't offer a drink to an alcoholic! I will still help to solve unIDs, if I can. I will still develop and print timely DX photos. I will still send TV Guides to anyone that wants them. I still want to serve you in those kinds of capacities, though I will be dropping the FCC-TV News.

My involvement with the WTFDA has left me with some cherished friendships--from my first meeting with "looney" Ken Simon, to Jim Alexander's "DX theories," to erecting my current antennas with the help of Steve West, to several marathon phone sessions with Bill Thompson--if I went on, I would leave someone out! I hope and pray that my decision will not affect those friendships. I still have out the welcome mat for any wayfaring DXers who pass through central Florida, though I can no longer offer DX at this QTH! I still want to hear from my regular correspondents because I care about you all. And, as those who have visited me know, I don't "force" my beliefs on anyone, though I am always most happy to discuss them with anyone who is interested, by phone, tape, letter or otherwise.

A long and prosperous hobby, culminating with the incredibly improbable tropo logging of WR1K-7 Ponce PR at 1191 miles, of which Jim Alexander was a witness! I thank God for it all (and almost suspect He allowed the PR Tr to go out with a "bang"), but I must move on to better things.

Thank you for your understanding. I do appreciate all of you very much! Well, there you have it. I commend John for his stand and for following what he believes is the Lord's will for his life. I must admit to wrestling with some of the same issues he brings up, but my leading is in a different direction. I can only hope that John will someday rejoin the ranks of active DXers.

Following up on John Combs' big tropo opening, we have these words of wisdom from Ken Simon (513 6th Ave. S., Lake Worth, FL 33460): "This should be titled 'Ducis I Have Missed By Inches...Part VII.'" but it isn't. December 27, 1979, in the evening, I received a phone call from John Combs. Not too surprising, as Jim Alexander was visiting him in Orlando and due here. But what he saw over a few hours knocked my socks off...

Tropo opened up to Cuba. Nice, and then John topped it with WR1K 7 in Puerto Rico at over 1,000 miles. Jim saw it, too.

Today I got a letter from Richard Clark, alive and well in the Dominican Republic, with his loggings for the December 25-27 period. Richard's loggings are for: WXL-10, WOLF-35, WEVU-26, WMFE-24, WJCL-22, WCLF-22, WCJB-20, WJKS-17, WUSF-16, WJWJ-16, WLOX-13, WMAZ-13, WTVT-13, WLT-12 (tent.), WTOG-11, WINK-11, WTSP-10, WPLG-10, WALB-10, WFTV-9, WFLA-8, WJCT-7, WDBO-6, WCIX-6, WCSC-5, WJXT-4, WWAY-3, WEDU-3, WSAV-3, WCBD-2 and tent. WESH-2!!!!!!

Note the spread to SC, GA and N & Central FL. There were very few Miami's and one of them Richard told me is a regular (WPLG).

Me? All I got that night was Orlando U's like locals. I will try and check weather maps for this period and see if the DUCT shows." Wow!

Good to have Sheldon Remington back in the club! Sheldon was with us when he lived in Connecticut in 1974, and writes, "Now a new QTH has set me to FM DXing again. Also am now active on 6 meters as WB6WML."

To wrap it up for this month, we'll take another chunk out of our report from A.H. Wiese (Erminoldstr. 175/2, D-8000 Munich 83, West Germany):

"Well, here in Munich I can receive the following stations regularly-	
VHF E10 (or A13) Wendelstein	1st program (ARD, Bavaria)
UHF E35 (or A25) Munich-TV-tower	2nd program (ZDF)
UHF E56 (or A61) Munich-TV-tower	3rd program (Bayern 3)
VHF E8 (or A10) Salzburg (Austria)	1st Austrian program (FS1)
UHF E32 (or A29) Salzburg (Austria)	2nd Austrian program (FS2)
UHF E27 (or A22) McCraw-caserne	AFN-TV

and seven more stations, transmitting one of the above programs.

Since I'm a DXer, I've mounted some more antennas (till now I have no TV rotor) to get more programs. On a non-regular basis I can receive the following-

VHF E7 Santis (Switzerland)	German program (SRG)
UHF E31 Santis (Switzerland)	French program (SSR)
UHF E34 Santis (Switzerland)	Italian program (TSI)
UHF E43 Grunten	1st program (ARD, Southwest)
VHF E2 Grunten	1st program (ARD, Bavaria)
UHF E52 Heubach	3rd program (Sudwest 3)

At TV DX, my only long distance catch till now was RTVE of Spain on E2 and the Chesz's on UHF E38 and, at my vacations down in Spain, Rhodesian TV on E2 (I told you I'm no great TV DXer).

Now to FM: The FM situation here in West Germany isn't very great for a DXer. First, somebody told the networks to install a transmitter in every little town, and second, every regional broadcasting center is only transmitting three different programs. So regularly I can receive over 60 different stations with my set, but that sums up to only 14 different programs! Tell me, how can you write a reception report if nearly every station is transmitting the same program?

Well, here in Munich it's the Bavarian network serving me with three programs, and a fourth one for the so-called "guest workers," transmitting in the evenings in different native languages.

The first program is an everything-for-everybody program (carried simultaneously on AM), the second is a cultural and classical music program, and the third one I think you would call a middle-of-the-road station, sometimes also carrying rock, soul and pop music. This scheme is valid, give it or take it, for every regional network in West Germany (and Austria, too). They are, though, airing a local program on the second channel every work day, but only for an hour at midday.

The 14 programs I mentioned before I can hear regularly are three in each case from the Bavarian (Munich), the South German (Stuttgart), and the Austrian networks, and 2 from the Swiss (German program) and 3 different AFN-programs (AFN-Munich, AFN-Stuttgart AM program on FM, and AFN-Stuttgart easy listening). Some short-timed local programs are added to this.

DXing, I received the following networks (I've got QSL cards for them): Sudwestfunk, Hessischer Rundfunk and SRK (East German network). No QSL till now from Saarlandischer Rundfunk, Radio Luxemburg and France International. Because of the very great number of German (and Austrian) stations it's very hard for foreign stations to come through in an opening, but I'm looking out for them." We'll continue this report in the April VUD-jz.

I must say, I've sure gotten an education this past year with all of the fine reports from our European members. Keep those cards and letters coming in, folks (and that goes for those of you stateside, too)! See you in April.....73.....jz



# SOUTHERN · FM DX

Danny Buntin, editor  
1312 N. Skyline  
Stillwater, OK 74074

DEADLINE: the 10th

## GREAT OFF-SEASON CATCHES, BOTH ES AND TR, MAKE JANUARY LOOK LIKE SUMMER AT TIMES

The bulk of this month's reports come primarily from Oklahoma, Texas and Arkansas where an upsurge of tr and Es activity took place during January, evidently reflecting the peak of a decent off-season in those areas. Reports this month as well as last show that the 6th was the main day for January Es. Interestingly, this winter's skip has taken all domestic paths, avoiding the traditional Mexican origins.

During the Jan. 18-19 period it was time for tropics to act up in AR and OK. Distances in the 250-575 mile range were the rule. All in all, a few DXers have gotten the decade off right.

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 - Jan. 4 to Feb. 5 CST

Equip.: Realistic TM-1001 into Allied 426; 6-el Archer FM antenna at 20 ft. with rotor.

New underlined, t-tentative

1/4 (all Es)	
1910 WFNt 89.3 WI Greenbay, drama	1190
WERnt 88.7 WI Madison	1065
1011-25 unIDs, mostly 88-92	
1929 WDUZ 98.5 WI Green Bay, ID	1190
WDOR 93.9 WI Sturgeon Bay, ID	1225
1930 WLVE 94.9 WI Baraboo, wx, ID	1085
1932 WLAV 96.9 MI Grand Rapids, ad	1175
1934 WFRt 98.7 IL Chicago, c, ad	1045
1935 WART107.9 IL Aurora	1020
WYENt106.7 IL Des Plaines	1050
WXFMt105.9 IL Elmwood Park	1050
1936 WQJt105.1 IL Evanston, Spanish	1060
WFMrt 96.5 WI Milwaukee, c	1100
1939 WJZq 95.1 WI Kenosha, ad	1080
WIALt 94.1 WI Eau Claire, m	1125
1944 WJCKt 97.7 IN Rensselaer, bb	1015
1947 WVPt 88.1 IN Elkhart, local item	
1951 WAUN 92.7 WI Kewaunee, ad	1195
2012 WKQc 98.1 MI Saginaw, NBC, ID, k	1250
2016 WFMK 99.1 MI E. Lansing, wx	1195
2018nWVIC 94.9 MI E. Lansing, ID	
2021 WGNt 99.7 MI Midland, g	1255
WCMZt107.9 MI Flint, m	1240
WQLRt106.5 MI Kalamazoo, m	1140
2023 WYBR 104.9 IL Belvidere, ID	1035
2034 WZUU 95.7 WI Milwaukee, ID	1100
2042 WLRq 95.3 MI Whitehall, r, ad	1170
2047 WTTN 94.1 WI Watertown, bkb	1090
2049 WIFC 95.5 WI Wausau, ad	1175
2106 KHAK 98.1 IA Cedar Rapids, wx, ID	
2110 apx f/out	

1/5	
0000 WMCut 89.7 FL Miami, g, (brief)	1150
1355 unID 89.7 (briefly)	
1406 WCAL 89.3 MN Northfield, psa	1080
1410 WIMI 99.7 MI Ironwood, ID	1255

1/5	
1412 KTLB 105.5 IA Twin Lakes, ad	920
1414 KTCrt 97.a MN Minneapolis, m	1110
1415 WAKX 98.9 MN Duluth, ad	1250
WGGRt105.1 MN Duluth	
1419 KTIS 98.5 MN Minneapolis, ID	1110
1420 KROC 106.9 MN Rochester, ad	1060
1421 KEEZ 99.1 MN Mankato, wx, ID	1045
1422 WJYJ 106.7 MN Brainerd, ad	1180
1430 WJWJ 98.1 MN St. Cloud, wx	1140
1443 KAUS 99.9 MN Austin, wx, k	1035
1446 WIMB 98.9 WI Tomah, WInx	1100
1449 KTWn 107.9 MN Anoka, "k-Twin" ID	1125
1450 KCHet102.3 IA Cherokee, IA farm nx	935
1454 KSTP 94.5 MN St. Paul, wx, "KS-95" ID	
1505 WIAAt 88.3 MI Interlochen	1250
1630 WNMUt 90.1 MI Marquette, c (brief)	1320
2325 KBYUt 88.9 UT Provo, c (brief)	1045

1/6	
1050-55 unIDs 88-90	
1115-1130 unIDs, mostly 88-92	
1118 WLFmt 91.1 WI Appleton, WI sports nx	1165
1119 WIALt 94.1 WI Eau Claire, m	1125
1135 WZUU 95.7 WI Milwaukee, r, ID	1100
WFMrt 96.5 WI Milwaukee, c	1100
1140 WJML 98.9 MI Petoskey, ID	1320
1155 f/out	
1350 unIDs 88-92	
1355 WRVq 94.5 VA Richmond, "Q-94" ID, ad	1325
1359 WKEZ 95.7 VA Norfolk, ad	1375
1403 WDAV 89.9 NC Davidson, psa	1110
1404 WQXI 94.1 GA Smyrna, ad	875
1406 WQDR 94.7 NC Raleigh, ID	1230
1429 WENC 99.1 NC Whiteville, NC wx	1200
WPJC 99.9 NC Burgaw, local wx	1250
1435-50 lull	
1458 WCHY 94.1 GA Savannah, k, ID	1050
1500 WJCL 96.5 GA Savannah, ad	1050
1510 WTOq 97.7 GA Vidalia, ID, ads	975
1512 WNWZt 93.5 SC Summerville, r	1110
1513 WBEU 98.7 SC Beaufort, ads, ID	1075
1522 WMAZ 99.1 GA Macon, ad	905
1527 WBIE 101.5 GA Marietta, k, ID	875
WGMB 97.7 SC Georgetown, town ID	1165
1530 WXTc 96.9 SC Charleston, "Ecstasy"	1120
1535 WCOS 97.9 SC Columbia, ID	1075
1539 WLAT 104.3 SC Conway, ID	1175
1547 WIVK 107.7 TN Knoxville, ID	990
1552 WBBQ 104.3 GA Augusta, ID	1010

cont.

SOUTHERN FM DX

-Dyer, cont.-

MARCH, 1980

1/6 Es	
1553 WAUG 105.7 GA Augusta, ID	1010
1555 WFAV 98.3 GA Cordele	895
1559 WPCS 106.7 SC Orangeburg, ID	1075
1600 WYAK 103.1 SCSurfside Beach, ID	1190
WNGT 107.7 NC Greenville, ad	1295
1603 WBUS 102.3 GA Augusta, wx, ID, k	1010
1607 WLRG 92.3 VA Roanoke, area wx	1195
WATP 94.3 SC Marion, ID	1165
1611 WSB 98.5 GA Atlanta, ID, m	880
1612 WBT 107.9 NC Charlotte, ad	1105
1617 WRQc 98.7 NC Greensboro, ad	1175
WQDW 97.7 NC Kinston, ads, ID	1275
1620 WSFL 106.5 NC Bridgeton, ad, ID	1305
1623 WRNS 95.1 NC Kinston, ads	1275
1629 WTSR 104.1 NC Winston-Salem, ID	1150
1632 WQSM 98.1 NC Fayetteville, ID	1200
1634 WLOS 99.9 NC Asheville, ad	1010
1637 WITN 93.3 NC Washington, ad	1335
1643 WRAL 101.5 NC Raleigh, ID	1230
1645 WEGrt 96.9 NC Goldsboro, "Q-96"	1260
1650 WWID 106.7 GA Gainesville, ads,	920
"wide-107", ID	
1656 WHCGt104.9 GA Metter, "G-105"	995
1659 WFMX 105.7 NC Statesville, wx	1110
1701 WDCG 105.1 NC Durham, ID	1220
1705 WAKG 103.3 VA Danville, ID	1205
1720 WRKL 102.1 VA Richmond, ads, wx, ID	
"XL-102"	1325

Luckily the whole month wasn't as wild as the 4th-6th period or I would have never caught up with the log! The strange mid-afternoon event of the 29th made me think there might be another several-day session, but that turned out to be a somewhat isolated event. 73, Pat

Rick Samford, 404 S. McNeill, Burnett, TX 78611 - Jan. 7 to Feb. 6 CST

Equip.: Kenwood KR-5400, Archer 10-31. FM at 24 ft. w/Alliance U-100 rotor, Realistic #12-655 AM-FM port. w/whip.

1/10 tr	
0928 KBIM 94.9 NM Roswell, ad	
2130 KHXL 90.1 NL Monterrey,	
"XL-Sonida Noventa," \$, SS, Am. rock,	
frequent time checks	

1/10 tr	
2157 XET 94.1 NL Monterrey, ID	
(TR fairly potent from Ardmore to Monterrey, unfortunately with Burnet in the middle.)	

Randall B. Clark, Rt. 9 Box #231 (Dutch Ridge), Parkersburg, WV 26101 - Dec. 5 to Feb. 4

Equip.: Realistic STA-42 with a three ft. long twin lead antenna inside up @45 ft. AGL (five miles east of Parkersburg, WV) All tr except for 1/4 and 1/6 which is ES. EDT used. PH#:1-304/422-2923

12/15	
0000 WJAC 95.5 PA Johnstown	
12/26	
1305-1338 WXIL off while a friend visits!!	
WOW, what a x-mas present!	
1311?WKBN 94.9 in strong plus WYTK 95.3	
1418 WIVK 107.7 TN Knoxville	
1500 WTRt 107.3 IN Greensburg	
1529 WSYX 106.3 OH London	
1543 WCVO 104.9 OH Gahanna	
2329 WEZC 104.7 NC Charlotte	
12/28	
1931 WETA 90.9 DC Washington	
(plus 250-300 mile stuff in as well	
12/29 as above	
12/30	
0307 WBFG 98.7 MI Detroit	
WCHO 105.5 OH Washington Court House	
over WXTQ!	

12/31	
0108 CFCA 105.3 ON Kitchener	

Clark cont. on last page of column.....

1/2	
2002 WBKQ 92.5 KY Owensboro, "Q-92", r, \$	
1/4	
0011 UNID Latin AM w/spanish mx on 98.1 ms?	
1727 to 1820? ES!	
1815 KBEZ 92.9 OK Tulsa, ID, "cold turkey" psa	
1/6 (1805-1930 Es!)	
1805 KERA 90.1 TX Kallas, tent., very loud	
1808 KESS 93.9 TX Ft. Worth, tent. bi-lingual	
1822 KAFM 92.5 TX Dallas, "92 plus"	
1835 KNOK 107.5 TX Ft. Worth, a, \$	
1841 KZEW 97.9 TX Dallas	
1900 KDNt 106.1 TX Denton, ID	
1900 KKDA 104.5 TX Dallas	
1905 WRR 101.1 TX Dallas, c/j format, tent.	
1911 KFJZ 97.1 TX Ft. Worth, "Z-97"	
1913 KNUS 98.7 TX Dallas, "K-news", cont. pro.	
MUF goes to ch#6 by 1930?	

1/15	
1454 WVWR 89.1 is in STEREO!, 1800 WIAN 90.1,	

Indy, IN

Vernon Eaton, 82 Springhill Acres, Benton, AR 72015 - Dec. 28 to Jan. 19, 501-847-2066  
 Equipt.: Sony 5130 tuner w/quad Finco FM5 antennas(coax) on CD44 rotor at 60'. total: 435

I am real happy to be back into FM DXing after a three month engagement playing music professionally five nights a week in addition to my regular job at prudential. This is not the real reason that completely took me out though. After a thunderstorm in late September I noticed I had practically zero reception other than locals. Upon looking as best I could without taking by horiz. stack down, I could see no vis ble reason why the antenna didn't work. Meanwhile, I noticed an add for a heavy duty 60' steel crank up tower, cheap. So I got it and decided to order the four Finco FM5's that Bruce Elving had made me such a good deal on and go quad. The antennas came mid-December. At that time I lowered my 50' crank up pole and examined the horiz. antennas to see why they quit working. I had failed to tighten the wingnut on one of the antennas. It had worked for one year and the wind whipped the cable around and loosened it and caused a mis-match. While waiting for the antennas to come in, I set up my tower(which is 20' cranked down)14' from the eave of my roof in concrete with a tilt over base. By having this set up I use an extension ladder to connect a cable @20' and am able to lower my antenna to 45 degrees and stand on my roof and work on my antennas. I am able to raise and lower my antenna tower with my auto. With my quads and coax set-up I am like a child with a new toy. Since Dec. 28th when my quad went up, I have logged 25 new stations. With 410 prior to that, it had gotten hard to log anymore except during openings.

If anyone desires a set-up of CATV coax, all cut and gained for two or four antennas, I will be happy to furnish the man's name who will fix it up and ship COD. He will also build "T" or "H" frames to go above your rotor for two or four antennas. They are made of special antenna mast materials. He did beautiful work for me. He furnished coating material to protect couplings from oxidation and corrosion. 73, Vernon

12/28 (new quad installed) (all tr)	1/13	1900 WNOA 95.7 AL Tuscaloosa, ID,p	325
0843 WCPC 93.3 MS Houston, \$	300		
0847 WBGY 93.3 TN Tullahoma, ID, \$,r	400		
0850 WKYZ 93.3 KY Paducah, ID	300		
0805 WJNS 92.1 MS Yazoo City, ID,\$	180		

12/30	0120 KYKR 92.2 TX Port Arthur, ID	340
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12/31	1550 WKDF 103.3 TN Nashville, ID	350
1555 KCRV 103.1 MO Caruthersville, r	275	

1/1	1430 KERA 90.1 TX Dallas, \$	275
1431 KAFM 92.5 TX Dallas	275	
1900 KRFT 90.1 TX Houston,j	360	
2025 KUMR 88.5 MO Rolla,c	300	
2100 KXFL 90.3 MO Buffalo, ID,r	225	
2105 KCMW 90.9 MO Warrensburg, ID	325	
2125 WKMS 91.3 KY Murray	325	
2145 KBEZ 92.9 OK Tulsa, ID,\$,m	225	
2152 KQID 93.1 LA Alexandria, r	230	

1/6	1925 KCBI 89.3 TX Dallas, g	275
1937 KWGS 89.5 OK Tulsa,c	220	
1950 KERA 90.1 TX Dallas,c,\$	275	
2006 WBHM 90.3 AL Birmingham, c	350	
2022 KVLJ 91.3 TX Beaumont, ID	360	
2024 WKMS 91.3 KY Murray, c	325	
2022 KOSU 91.7 OK Stillwater, c	270	

1/7	1300 KCUR 89.3 MO Kansas City, ID, \$	360
1845 KYKR 93.3 TX Port Arthur, k	340	

1/8	2100 KABK 97.7 AR Augusta, ID, k	80
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1/10	1832 WXID 94.7 KY Mayfield, ID	225
1/11	0022 KDEY 99.3 TX Lufkin, \$	250
0900 KXON 90.9 TX Dallas, \$	275	

1/19	0001 KFJZ 97.1 TX Ft. Worth, ID,r,\$	285
	0002 KPLX 99.5 TX " " ,k,\$	
	0003 KFWD 102.1 TX " " ,r,\$	
	0009 WSM 95.5 TN Nashville, ID,\$	350

cont.

KTXQ

1/19 tr	0128 WFBQ 94.7 IN Indianapolis, ID	550
0014 WRVU 91.1 IN Vincennes, ID,\$	425	
0025 WSTX 92.9 TN Nashville, \$	350	
0035 WAHR 99.1 AL Huntsville, ID,\$,m	340	
0040 KODA 99.1 TX Houston, ID,\$	360	
0050 KRBE 104.1 TX Houston, ID,\$,r		
0100 WAMZ 97.5 KY Louisville, ID,\$,k	475	
0104 WVEZ 106.9 KY Louisville, ID,\$,m		
0111 WNEZ 92.5 OH Cincinnati, \$	575	
0115 WUBE 105.1 OH Cincinnati, ID		
0125 WNAF 93.1 IN Indianapolis	550	
	0130 WFMS 95.5 IN " " , ID	
	0135 WXTZ 103.3 IN " " , ID	
	0141 WTLC 105.7 IN " " , ID	
	0150 WABD 107.9 KY Ft. Campbell, ID,\$	310
	0202 KWIC 107.7 TX Beaumont, ID,\$	350
	0905 KOFM 104.1 OK Okla, City, ID	350
	0914 KWMU 90.7 MO St. Louis	300
	0916 WKBJ 92.3 TN Milan, ID,k	240
	0937 KMOX 103.3 MO St. Louis, ID,m	300
	0942 WJFR 96.3 MS Jackson, ID,g	250

Danny Buntin, 1312 N. Skyline, Stillwater, OK - Jan. 12 to Feb. 11 CST  
 Equipt.: Pioneer TX-9100 tuner, Antennacraft 10 el. ant. with rotor (30 ft. high)

A warm, moist January kept me on the alert more than usual for some trop buildup. Before the weather turned wintry, things finally did pay off in a rare opening reaching to the Texas Gulf coast. Nothing like it heard here in four or five years. Texas now comfortably ahead of Florida in the log totals.

Finally heard a ms burst with IDable info for the first time and what a surprise it was. I was checking a main indicator station for trop, WMC 99.7 of Memphis, and immediately heard "weather for Manchester(TN)and the mid state...." instead(seemingly tailor made for the impatient ms DXer). Add that to the skip related last month and I find that I experienced the best January ever for dxing here, a well rounded month, indeed.

For you TV DXers....There's a new twist in the TV reception here, a real novelty. For the first time in the history of television in these parts, it has finally become possible to tune in a good UHF picture on a routine basis. First it was ch. 34 of Okla, City followed three months later by ch. 25(on before 34 but too weak here)also of OKC, as they progressed from the weakest TV station in the state to the strongest. Interestingly, both U's come in flawlessly on an Archer U-75, which is more than I can say much of the time for the OKC V's whether on CATV or home antenna. Such a development has led to "UHF fever" of sorts with Radio Shack enjoying it best. The clerk there said he is selling lots of UHF antennas and has a pile of them stacked handy by the store's front door. Fortunately, I bought mine before the rush, hi. (Shame on me for not getting started in UHF DXing while all the channels were blanks. Now, with an antenna, perhaps I'll be more motivated about it.) Until next month, 73.

1/17 ms	1000 WMSR 99.7 TN Manchester,(see above)	
1/18-19 tr	2040 KOOI 106.5 TX Jacksonville, ad, \$	
	"Let's Talk " program	310
	2042 KNUE 101.5 TX Tyler, ad	290
	2102 KTAL 98.1 TX Texarkana,Ktall	255
	2315 KRMD 101.1 LA Shreveport, k, ID	320
	2325 KYKS 105.1 TX Lufkin	360
	0000 KXKZ 107.5 LA Ruston, ID	360
	0030 KTYL 93.1 TX Tyler, ID, wx	290
	"the rock of east TX"	
	0036 KKTX 95.9 TX Kilgore, ID	300
	0055 KDEY 99.3 TX Lufkin, ID, psa	360
1/19 tr	0100 KJCS 103.3 TX Nacogdoches, ID, wx	360
	0105 KYKR 93.3 TX Port Arthur, ID	475
	0139 KCOZ 100.1 LA Shreveport, ID, m	320
	0148 KITO 106.1 TX Orange, ad	465
	0200 KVTT 91.7 TX Dallas, ID, r, loc. off	240
	0214 KQXY 94.1 TX Beaumont, ID, m	460
	0218 KSNS 96.1 LA Lake Charles, ID	475
	0224 KRRV 100.3 LA Alexandria, ID, k	430
	2234 KTLT 93.9 KS Dodge City, ID,	200
	"Cattle Country", (while local off)	
1/20 gw	KZED 93.5 KS Wellington, nx, wx,	
	(new to air)	

Randall Clark report cont.

1/15-16 tr	1911 WBIR 103.5 TN Knoxville	
	2100 WTLC 105.7 IN Indianapolis	
	2123 WYRE at 25+(local Q)	
	0000 WNAF 93.1 Indianapolis	
	1311 WLLL 90.9 IL Urbana, in \$\$\$!	
	2306 WGEN 105.1 tent.	
	2319 WQXK 105.1, ex-WSOM Salem, OH	
2/1 tr	1800 WCMO 89.3 OH Marietta, free form rock,	
	10 w.,erratic s/on-s/off times, usually 0200	

Hello, traditionally, this just happens to be most rotten time of the year. Incredibly as it may seem, we haven't had too much snow for this time of year(Russians screwing around with our weather again, eh?) Again, may I say thanks to Paul Mount for an interesting DX gathering! 73s and the best of DX!

REPORT YOUR DX TO THIS COLUMN IF YOU ARE FROM: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NM, OK, SC, TN, TX, UT, VA, & WV.  
 (Hey, new members, let's have your first report)

HAPPY DXING!

#####

# NORTHERN FM-DX

Ralph Strobel, editor  
2510 E. McGalliard Rd.  
Muncie, IN 47303  
(317) 286-5815  
Deadline: 10th

NORTHERN FM DX

MARCH 1980

MAR 1980

For the DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

## YOUR WINDSOR E-SKIP IS REPORTED!

Joe Markewicz - 824 W. Oakbend Drive - Duluth, MN 55811

A short trip up to my old DX location at Camp Morton, Manitoba, at Christmas produced a number of new CBC stations. The new ones include: CBWY 92.7 Jackhead, MB, CKSR-7 94.7 Kenora, ON, CBW 100.9 Dryden, ON, CNWA 101.3 Manigotagan, MB, CBWZ 104.3 Fairford, MB, CBWU 105.3 Baldy Mountain, MB, and CBWV 97.9 Brandon, MB. Naturally, none of these stations ID themselves, as all their programming is from CBC Winnipeg, with a few exceptions. Therefore, it is not unusual to hear on one of the NW ON stations the following phrase - "From CBC Radio in Manitoba, it is 2 o'clock." If my local CBWY 95.7 Fisher Branch, MB is any example, most of those stations will break out of the normal CBC programming and out on programs produced at Thompson. These new studios opened on April 1 and will enable more local programs in the Indian language and therefore obtain more community involvement. My DX location in Duluth is the worst location to do any DX'ing from. I'm situated within a mile of all the FM, TV, and AM towers that are found on Enger Park hill. On numerous trips up to the Range Cities (70 miles N. of Duluth), I've noticed that the Twin Cities stations have improved their coverage with their new antenna site. Finally, CUIO 94.3 announces itself as Winnipeg's album station and a Winnipeg newspaper calls CTTI 92.1 new format as "slum rock."

\*\*\*\*\*

Roger Gravelle - 60 Valerie St. - St. Thomas, ON N5R 1A8  
Equipment: Sony 5130 Earth Orbiter

Just a line to let you DXer's know about CJBX 92.7 London, ON. ID's as "Country Radio, London," with non-ID "BX-93." Logged 1/19 1800 EST. Due on air 24 hours a day in March. I have no outside FM antenna so DXing is limited. 73's Rog.

\*\*\*\*\*

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

Equipment: Pioneer TX-9800, Heath AR-1515 (after 1/26), Channel Master 4408 @40 ft.

1/5 tr		1/15 tr	
1945 CJRT 91.1 ON Toronto j	360	1945 W5OF 89.9 KY Madisonville g	275
1/7 tr		2002 WKYK 103.5 OH Steubenville r	255
0100 WHIZ 102.5 OH Zanesville m	200	1/31 tr	
(WYDH off)		2230 WKQB 105.9 TN Nashville r	340
0108 WQOS 106.9 OH Canton r	210	2346 WBES 96.1 WV Charleston m	265
(WMBI off)		2354 WNEB 94.5 NY Buffalo c	365

1/15 tr  
1922 WBIR 103.5 TN Knoxville r 360 94.5 in that direction.)  
"Rock-104" (ad for local group) (New underlined - EST)

Had very little time to DX this month as most free time was spent assembling my new Heath AR-1515 receiver. The Pioneer seems to have slightly better sensitivity and adjacent channel selectivity, but the Heath is much more immune to overload from local stations. I will probably be using one as a supplement to the other for DX. 73's, Bob

\*\*\*\*\*

Fred McCormack - 909 12th St. N. - Fargo, ND 58102

Equipment: Fargo - Heath AJ-1600, Winegard CH-7078, Alliance rotor  
Des Lacs - Heath AR-1500, JFD 10 element log, CDR rotor

Logging marked with an asterisk is from Des Lacs. The rest are from Fargo.

11/15 tr		1/6 Es	
2145 JDBH 94.1 SD Aberdeen r	125	1945 KQTR 93.9 AZ Flagstaff "FM-94"	1115
12/24 tr		1989 KQTR 93.5 AZ Phoenix "quiet"	1230
1952*H3AA 94.9 SD Aberdeen r, "K-94"	140	1981 KQTR 93.3 PA Midland	1065
1/5 Es		2/2 tr	
1035 WAMut88.5 DC Washington	0947	CKWG 103.1 MB Winnipeg	210

\*\*\*\*\*

Dr. Bruce Elving - 4515 Avenue E - Kearney, NE 68847

Equipment: 10-element Antennacraft yagi FM at 10 meters w/rotor.

Sunday, Jan. 6 provided one of the best winter skip sessions I have ever noted, and it might be indicative of the kind of super-skip this central part of the continent may be capable of. From 5 to 6 p.m. CST I had such stations as WMFO, Q-92, 92.7 Ocala FL, WKUE 92.7 Greer Cove Springs with m (not rp), WMBK \*89.7 Columbia, and sure enough no sign of listed-as-deleted WBCT \*90.5 Columbia SC. Previously, in October I briefly had skip on \*89.9 with full CBC i.d. at 7:05 p.m. CST, but no local i.d. I doubt Windsor, as no other Windsor-Detroit stations heard.

All of the above heard before I installed a 10-element Antennacraft yagi FM at a height of 10 meters, rotatable. With this new equipment I find that Denver is in about 50% of the time. Who said Colorado tropo is a rarity? Best heard here of the Denver stations are KPPL, "K-People" 107.5 Lakewood CO, KOAQ 103.5, KADX 105.1, and KVOD 99.5, including SCAs. KBRU 101.7 Fort Morgan in one night, now carrying rock. Denver is about 480 km from here, and I am hoping to get trans-Rockies reception, with my first objective KVMF 104.7 Vail, and then working westward as tropo will permit. I regularly hear KRSW Worthington MN, for MN news (it is part of MN Public Radio, which also operates WSCD 92.9 Duluth), and MN talking book SCA off the subcarrier of KUSD-FM \*89.7 Vermillion SD. The best public radio signal had been KWIT \*90.3 Sioux City IA until Feb. 5 when KUCV \*90.9 Lincoln NE upped its power from 10 watts (moving from 91.3) to \*90.9 18000 watts horizontal and vertical at 180 feet above average terrain. KHUB-FM Fremont NE and KNOD Harlan IA, both on 105.5 can usually be separated; KHUB-FM is on the high side, while KNOD seems to be closer to 105.3. New on the air is KBWH 106.3 with stereo and an easy country and middle of the road format, located in Blair NE. I am not yet keeping a formal log of what I pick up here; mostly monitoring DX for the sake of finding out new station information for the Atlas, plus resorting to DX for good radio listening - as there is no local professional, public radio in central NE, and the legislature is stalling in voting on the public radio bill that has been introduced.

Sincerely, Bruce

\*\*\*\*\*

Andy Bolin - 709 Lincoln Ave. - Charleston, IL 61920

12/13 tr. 1100 to 1400 WJFR & WJMI both Jackson MS (530). 12/15 tr. 1130 to past 2000 WDAL or "Q-101" 101.3 Meridian MS (505) That's right, WDAL calls itself Q-101. 12/16 tr. After 0000 WRAS & WSB both Atlanta. 12/19 Es. 1650 Boston area briefly touched (905). 12/26 tr. started @0600 w/WDAL; 0753 WKMX 106.7 Enterprise AL (590); Other relogs were WQSB MS; WTVY AL (595); WPCS & WMEZ both FL (640); 0947 WXBW 102.7 Milton FL o/semi WPER! 1001 WPFM 107.9 w/P Panama City FL (670). Fizzled on FM shortly past 1200, but Toronto to FL stayed on UHF for four days. 1/5 Es. 1402 to 1443 ALL El Paso TX (1140) plus XHPX, XHEM & XHTO. 1/6 Es. 1423 to 1445 S. FL relogs WMCU, WTMI, WINZ, WMUM, WMJX. Back @1610 w/Z-94 KZZQ 94.3 Golden Meadow LA; also lots of New Orleans/Baton Rouge and later moved to El Paso. 1/15 tr. 1400 to 1700 rain was WBKW 99.5 Beckley WV w/mono G. 1/28 Au. KC @1800; 1850 "KY country" KYSM 103.5 Mankato MN; 1920 KJAN 103.7 Atlantic IA, gone by 2000.

\*\*\*\*\*

Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Heath AJ-1510, Winegard antenna w/rotor at 60 ft.

1/12 tr		1/21 tr	
1930 WFAH 92.5 OH Alliance o/WMHE	225	0100 WFEA 102.3 IL Waukegan s/off	200
1/16 tr		1/22 tr	
0026 WWLH 102.3 VA Pound G\$ (new)	285	0200 WMLA 92.7 IL Le Roy k (new)	200
1/18 tr		2/11 tr	
1840 KRNA 93.9 IA Iowa City ex-93.5	365	0056 WHOW 95.9 IL Clinton m, s/off	210

I was surprised to find two stations which are new to the airwaves. Both seem to be on the air 24 hours. WMLA Le Roy, IL carries NBC nx on the hour. This brings my slowly rising total up to 819 w/139 in the Ed. band including 28 10 watters. 73's, Ralph

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# EASTERN TV-DX

Robert Kramer  
3406 W. Pierce  
Chicago, IL 60651

EASTERN TV DX

MARCH 1980

MARCH 1980

Richard Clark Apartado 273 La Vega, Dominican Republic

Deadline: 5th

DECEMBER	26 Tr 1000 WTOC-11 GA	28 Tr read. We have this
25 Tr 1500 WLUZ-7 PR	WINK-11 FL	problem quite a lot
strong in which	WTSP-10 FL	on these 3 channels
was the 1st start	WALB-10 GA	Not seen in USA. I
of super tropo"	WFLG-10 FL	really don't know
1510 WAPA-4 FR	WFTV-9 FL "This	what you would call
WKAQ-2 PR	station was super	it. It is all year
26 1000 WXLTV-40 FL	strong and stay in	around.
UnIDed 35	the full week"	WSVI-8 VI
WEVU-26 FL	WFIA-8 FL	WIPM-10 PR
WMFE-24 FL	WJCT-7 FL	WBNS-10 VI
WJCL-22 GA	WDRO-6 FL	WORA-12 PR
UnIDed-22	WCIX-6 FL	WUZZ-11 PR
"religious"	WCSC-5 SC	WKAQ-9 PR
WCJB-20 FL	WJXT-4 FL	29 "I really didn't
WJKS-17 FL	WWAY-3 NC	do much DX, but FL
UnIDeds 16	WSAV-3 GA	TV was still in
both edu.	WEDU-3 FL	quite strong."
WIOX-13 MS	WCBD-2 SC	30 "It all ended. Back
UnIDed-12 "this	27 "The same group	to what it is."
dumb channel	back in again"	
would not give	Trinidad-2	"The week of Dec. 25-30
me a good ID	"First time	was a super tropo week
(WTLV) so I	by tropo"	in which I was able to
could not list	Radio Caracas-2	log quite new stations
in my log. All	Ven.	here. My farthest tropo
they would say	UnIDed-3, maybe	is WIOX-13." (Richard
is Television 12	Venezuela	sent in a list of his
but that is no	Ch 2,3,4 "QRM,	normal tropo which I cut
ID and I couldn't	just a high	to preserve my type-
read their very	pitch tone but	writer ribbon,ed.)
small call letters	nothing can be	

Jerry Pulice 143 Gibson Ave. Staten Island, NY 10308 (212)-984-7325

Dec. 8 0914 2 stations on R1, snowy RTE 53.75 in weak. 1020 RTE in better now, 1029 1 kHz heterodyne on RTE-53.75. 1032 52.40 weak buzz only-French video-no picture. 1044 RTE better now-soccer in progress. 1059 B-1 in (45 MHz), mass of ghosts-unwatchable. Pulled monitor out of rack-modified same for full high voltage (21 kv) in 405 line mode-better picture now.

Dec. 9 0930 E2 video in-snowy 2 kc offset.

Dec. 10 stuck at work, no TV. 0900-1100 pileups on E2 & R1; RTE-53.75 40+S9 (6 miles from WCBS-2). E2 still in 1130, 1330 45 Mc B1 still in. Would have been a great day at home.

Dec. 11 0700 41.25/41.50 audio breaking Bearcat squelch. 0756 B1, E2, R1 videos weak, scatter like. 0810 B1 video up suddenly. 0825 E2, R1 both into programming, stronger now. Also "4 squares" TP on E2. 0920 "4 squares" TP now into programming. 0930 Phillips Tp on E2, S9 +60 db, unreadable lettering across bottom, huge pileup. B1 good now, little ghosting, football or rugby game. 1000 E2 into programming, Phillips TP underneath. 1007 Large letters on R1-unreadable (@#!)-unstoppable "sliders" underneath. 1015 "small RETMA" TP on R1, slides. 1035 E2 R1-Phillips TP replaced by clock, then into 3 unreadable letters. 1040 small RETMA still on R1. 1050 RTE-53.75 in good. 1055 RTE- all R1 stations gone 48.25 just outlines. 1100 E2 gone also-buzzing up on 52.40. 1105 not having a crystal for 819 line operation, using external sync (e.g. off the air) monitor locked at 20475 Hz H rate, and careful adjustment of the V hold locked a 819 ? (illegible, ed.) (signal near the noise level). No program details visible but am calling this a new IDed country-France.

Dec. 15 0745 41.25/41.50 audios not in till 0745, 0815 B1, E2 weak scatter like buzz. 0845 E2 weak, R1 distant roar of heterodynes. 0848 E2 picture starting to form. 0 offset, heavy ghosting. 0858 "4 squares" TP in & out for next half hour. 0940 R1-pileup 6+ stations-all sliders and into programming. 1010 E2 . 1024 "4 squares TP back on E2. 1029 E2 & R1 closed pictures went hollow & feded. 1104 E2 51.75 snowy picture.

Dec. 28 1000 E2 audio briefly on 48.25, then out. 1100 B1-fair picture, signal weak.

Jan. 5 0830 B1 picture & sound, TP-1 audio, 48.25 buzz, all poor. 0915 no video at all. 0935 45 B1 back, 500 Hz offset, picture unwatchable. 0955 E2 audio 48.25 excellent for next half hour.

Jan. 6 0836 E2 sound weak, deep fades. 0900-1013 E2 video & audio weak taking turns on 48.25. 1015 E2 very snowy, weak-only blanking bars visible.

Jan. 7 E2 buzz noted at work, 1130.

Jerry Pulice cont'

Jan. 8 stayed at home for nothing. Got on 28.385 to listen to 6 meter crowd complain.

"After unbelievably good cx things went downhill after 15 Dec. As of 30 Jan conditions (& solar flux) are way behind this time last year. Virtually no DX during 4-day Christmas and New Years weekends at home. The period Dec.8-15 Dec. was marked by a steady solar flux (240's) and at times R1 (49.75 MHz) was at least 6 stations deep. Regarding some of the terms I used: per a European guide to test cards, "4 squares" TP is definitely not the PPM5544-looks more like the German RUBK TP. The "small RETMA" TP (I thought this was the Czechoslovakia TP) seems to be the TELEFUNKEN TP. Austria reportedly uses th s on 49.75 (ch E2A/R1). "Sliders" are stations with slightly different H scan rates. BBC & E2 pictures are always stationary when seen underneath one another. R1 is a different case. Generally, R1 pictures slide slowly past each other, completing one H cycle in 5 to 10 seconds-perhaps SECAM color requires looser tolerances in the transmitted signal than NTSC or PAL. On 11 Dec. there was a R1 station sliding to the left at 1+CFS-out of range of my VCXO time base (a 5 minute mod fixed that) I could hold the "small RETMA" TP still & let the mystery station slide-or vice versa. The slider averages out in a time exposure leaving the other. The point of this is-this was almost certainly out of SECAM tolerance for H rate indicating a B&W only (e.g. line lock not crystal controlled) station. As far as I know China is the only B&W country on R1- and China was received in England last year per Roger Bunney. Can't use that for ID, nor can I claim the Soviet Union-even though the quantity of signals received at once on R1 is greater than all East European R1 transmitters-but it gives food for thought. "SWF" is evidently a West German network per Bill Grant. When the band is closing, the effect of MUF cutoff is fascinating-first the upper sideband disappears, then as the carrier & LF components weaken, the picture becomes "hollow"-just outlines and detail from the vestigial lower sideband-then snow. A similar effect occurs when I notch out WCBS for Ch B 53.75-just the outlines of WCBS remain. During the 8-15 Dec. period WCBS was severely QRMed by F2 signals. Even though I'm 15 miles from the transmitter, B3 audio appeared as a herringbone pattern, but since they use AM, the herringbone doesn't bend or move due to the modulation. More fascinating is the RTE 53.75 QRM. Out of sync video was breaking up the family TV, and I got it to lock on my KVI722 Sony by fooling with the rabbit ears, Hope the F2 makes it across again before spring-doesn't look good now. 73."

Ian Meyers 14 Lloyd Lane Nesconset, NY 11767 (EDT)

SEPTEMBER	25 Tr 2110 WBJA-34 NY	19 Es 1907 WBBG-3 TN
25 Tr 2030 WBBE-28 PA	2118 WSKG-46 NY	1929 KBTX-3 TX
2035 WSBAP-43 PA		
2037 WBFF-45 MD	DECEMBER	January
2039 WMPB-67 MD	19 Es 1715 WEAR-3 FL	4 Tr 1735 WRGB-6 NY
2052 WETA-26 DC	1740 WSJK-2 TN	5 Es 1500 KARD-3 KA
2101 WHYI-40 MA	1750 WLBT-3 MS	1509 KINT-3 IA
	1902 KTBS-3 LA	1553 KNTV-3 NE
		6 1330 KTEW-2 OK
		1341 KARD-3 KA

"Since this is my first report to Eastern TV DX I feel an intro is in order. I am an 18 year college Freshman (you've sure been in your first year of college a long time, hi ed.) who Dxes the AM band as well as TV-FM, in addition to WTFDA I belong to IRCA. I use the following equipment for TV DX: 1970 GE 12" B&W TV, Technics SA-400 stereo receiver (for audio on channel 6), Radio Shack V-185 antenna w/preamp and N/S, E/W quad loops for channel 3. Not much here, DX picks up then it levels off, however Jan. 5-6 openings were suprising. Current totals are now 81 since 7/1/79 including 23 states plus D.C. No Canadians. 73's & good DX."

Harry J. Hayes Star Route, Box 226c Gouldsboro, PA 18424 (EST)

December	4 Es 1745-1815 MUF to	5 Es 1410 KARD-3 KA
23 Es 2055 KCKT-2 KA	107.9 MHz	1529 KHAS-5 NE
January	1745 KETS-2 AR	1300 KTVI-2 MO
4 Es 1715-1915 2-6	5 1404 KCKT-2 KA	1800 KTBS-3 IA

"I was too busy on FM to log any more TV on 1/4. Es preceeded a large snow system that was about to move into this area. Es present all day on 1/6 on chs. 2 & 3. Hit into FM-107.9 at 1900 until 1940 then gone. Es were also into FM on 1/4. Equipment- Gouldsboro and Wilkes-Barre, PA Channel 2 & 5 quad loop for Es 13" RCA color set." (2 reports combined, ed.)

Roger Gravelle 60 Jalerie St. St. Thomas, ON (EST)

September	January	15 Tr 2000 WKPI-22 KY 420
11 Tr 1900 CFMT-47 ON 135	15 Tr 1901 WBAK-38 IN 460	2100 WPTT-22 PA 175
12 2100 WITF-33 PA 295	1930 WKYH-57 KY 440	WFYI-20 IN 400
	1900 WCFB-38 IL 385	2130 WKJG-33 IN 285

"Many stations coming in from all directions. GREAT OPENING. Best catch Channel 57 Hazard, KY-verification arrived already from Chief Engineer Richard McKinney. 73's."



MARCH 1980

Bob Grant 5775 Bishop Detroit, MI 48224 (EDT/EST)  
 July 7 Tr 0600 WGN-9 IL T  
 1 Es 4GOT WRCV-5 TX 1425 8 0240 CHCH-11 ON 165  
 Weslaco 0250 CFTO-9 ON 195  
 5 2040 UniDed-3 CBC EE 0425 CKGN-22 ON 220  
 From Honor, MI, 30 mi WMSW 0503 WGR-2 NY 215  
 of Traverse City 0510 WKBN-27 OH  
 7 Es 1710 UniDed-3 ABC 0535 WIIC-11 PA 210  
 2220 UniDed-2 NBC "Snow Free"  
 12 1350 UniDeds-2 PBS, WJET-24 PA 140  
 NBC, ABC, GS, CB 0600 WKBW-7 NY 215  
 1605 UniDed-2 PBS video 0/WXYZ  
 1610 WBRZ-2 LA 1040 0610 WTOV-9 OH 190  
 14 Tr 0550 WJBK-2 MI 210 ex WSTV  
 16 Es 1105 UniDed-2 NBC 0615 WPGH-53 PA 210  
 1110 UniDed-3 PBS or 0635 WICU-12 PA 140  
 ETV 0645 CBLFT-25 ON 195  
 1145 KWGN-2 CO 1015 Toronto  
 Denver CBLFT1-76 ON 140  
 1205 UniDed-4, KOA 0650 W67AJ-67 MI 43  
 likely Ann Arbor  
 18 Es 1559 UniDeds-2 NBC, XLTR WJIM-6  
 CB 0710 WSEE-35 PA 140  
 20 0133 KTVW-2 MT 1125 0750 WUTV-29 NY 205  
 Billings WNED-17 NY 215  
 1605 NBC-4 delay Buffalo  
 1740 UniDed-2 PBS or 0755 WVIA-44 PA 370  
 ETV Scranton  
 21 Tr 0600 WJBK-2 MI 210 0805 WBRE-28 PA 375  
 to WJIM-6 MI 160 0840 WGVC-35 MI 155  
 0730 WILK-10 MI 170 Grand Rapids  
 Es 0955 WESH-2 FL 1100 7/29-8/5 Time Forgotten  
 Daytona Beach WIIC-11 PA 210  
 UniDed-2 ABC Pittsburgh  
 1055 WEDU-3 FL 1165 140  
 "Iake a local" 14 Tr 0600 W67AJ-67 MI 43  
 1150 WJXT-4 FL 1020 0618 UniDed 64, off  
 Jacksonville at 0636 (prob.  
 1225 WSB-2 GA 750 the new station  
 Atlanta in Cincinnati,  
 23 Tr 0200 WDIV-4 MI T WBTI, ed.)  
 WSAU-7 WI 175 Es 1040 WBRZ-2 LA T  
 Wausau 30 Tr 0020 WZZM-13 MI 140  
 0529 WDIV-4 MI 225 0125 WBBK-11 MI  
 0555 WILK-10 MI 175 Alpena  
 UniDed-7 CB 0325 CKVR-3 ON 210  
 (prob. WXYZ, ed.) Barrie  
 Ms 0538 WCBZ-2 NY 660 31 0700 WWTW-9 MI 175  
 New York UniDed-13 CBS  
 "First Ided MS" WFBN-7 MI 195  
 1640 WESH-2 FL 1100 WWUP-10 MI 285  
 1825 WESH-2 FL 1100 WGTU-29 MI 170  
 24 1625 WQBD-2 SC 880 WCMU-14 MI 110  
 Charleston Mt. Pleasant  
 1630 WESH-2 FL 1100 WUCM-19 MI  
 1650 WUFT-5 FL 1050  
 1700 WDIR-2 AL T  
 1705 WSB-2 GA 750  
 Tr 1725 WJBK-2 MI 210  
 Es 1900 WDIR-2 AL 925  
 1915 WEAR-3 FL 1010  
 Pensacola  
 25 1405 UniDed-3 no net.  
 1440 UniDed-2 CB TT  
 CNBF ?  
 BACK AT DEPTICII  
 August  
 6 Tr 0530 South Bends  
 7 0630 WYTV-33 OH 140  
 0655 WPTT-22 PA 210  
 Pittsburgh

# WESTERN TV-DX

Fred McCormack  
 Box 5221  
 State University Sta.  
 Fargo, ND 58105

March 1980

Deadline: 5th

Only one report this month from this column's most faithful reporter. Pat sent a report including more of the early January Es which I was fortunate enough to see here. It seems to have been wide spread, so let's see some reports on it! Following that early Es, nothing at all was seen here in Fargo. European F2 has also completely disappeared.

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tentative - t Unidentified - unid.  
 Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 CST

Equipment: 1976 model 9" b&w Penncrest, Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

December 1979  
 31 ms 0553:35 WMT 2 IA  
 January 1980  
 3 ms 0333:30 WDAF 4 MO  
 0548:15 WMT 2 IA  
 0550:30 KQTV 2 MO  
 1829:30 KUSD 2 SD  
 Es 2235-2315 un2,3 ne  
 4 ms 0233:40 WDAF 4 MO  
 0546 KXGN 5 MT 1260  
 Es 1429 KDKA 2 PA 1280  
 (sharp MUF f/o 1450)  
 1845 unid 2 ne  
 1851 WBAI 2 WI 1190  
 1859 WJMN 3 MI 1280  
 1910 unids 2-6  
 (MUF 107.9 @ 1935)  
 2218 KTVS 3 CO 815  
 2237 KUTV 2 UT 1080  
 KTVxt 4 UT 1080  
 KSL t 5 UT 1080  
 (MUF 98.7 @ 2245)  
 2335 WTVJt 4 FL 1150  
 5 Es 0002 WPBT 2 FL 1150  
 (MUF 89.7 @ 0002)  
 0035 apx f/outs  
 1150 unids 2 ne, brf  
 1220 KTCA 2 MN 1110  
 1328 WNGE 2 TN 820  
 1400 unids 2-6

5 Es (MUF 107.9 @ 1445)  
 1508 KMTV 3 NE 830  
 1534 KDLH 3 MN 1250  
 (MUF 89.3 @ 1550)  
 1626 WLUC 6 MI 1320  
 (MUF 90.1 @ 1630)  
 1710-1740 spotty  
 1815 unid 2,3 sp  
 1832 KVOAT 4 AZ 750  
 1840 KPHOT 5 AZ 835  
 1843 KTVK 3 AZ 835  
 1900 KOAI 2 AZ 855  
 1915 f/outs  
 2322 KUTV 2 UT 1080  
 KTVxt 4 UT 1080  
 (MUF 88.9 @ 2325)  
 6 Es 0000 KSL t 4 UT 1080  
 0040 unid 2, sp se!  
 0059 KOTA 3 SD 1040  
 0125 KNXT 2 CA 1190  
 0128 XHBCt 3 WGN1010  
 0215+ f/outs  
 ms 0641:40 KQTV 2 MO  
 Es 0725 KNOP 2 NE 815  
 0829 KTCA 2 MN 815  
 0835 WCCot 4 MN 1110  
 (antenna put on other  
 set for 45MHz BBC v)  
 1045 unids 2-4  
 (MUF 99.1 @ 1135)  
 1325 unids 2-4

6 Es (MUF 107.9 @ 1612)  
 1550 WECT 6 NC 1250  
 2100 WCCot 4 MN 1110  
 KTCA 2 MN 1110  
 2130+ f/outs  
 7 ms 0327:30 WNGE 2 TN  
 0548:35 WMT 2 IA  
 11 Es 1640 unid 2 se  
 1705 YSU t 4 ES 1200  
 1717 YSR 2 ES 1200  
 1745 unid 3  
 1755 unids 2 more sp  
 1825 apx f/outs  
 14 Es 1724 WBBM 2 IL 1045  
 1726 WMT 2 IA 945  
 1737 unid 4  
 1830 f/outs  
 18 ms 1129:20 KETS 2 AR  
 20 ms 0732-0737 super  
 burst 2-6 and FM  
 29 Es 1535 WSJkt 2 TN 1010  
 1545 WBTvt 3 NC 1105  
 WUNct 4 NC 1210  
 1547 WRAlt 5 NC 1230  
 (MUF 98.7 @ 1610)  
 1655 f/outs  
 1820-1830 WDTnt 2 OH  
 sp - spanish  
 ES - El Salvador

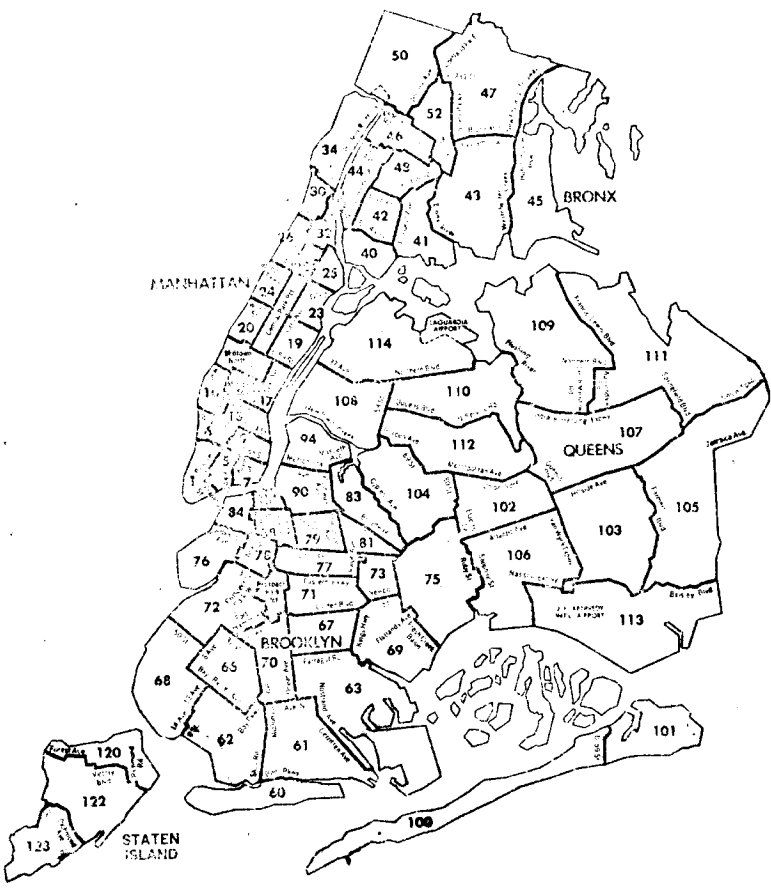
A very strong showing of Es on Jan 4-6. The 6th produced MUF's as good as many a peak summer opening (144 MHz from TX into NC,VA,PA,OH areas). F2 on the other hand dwindled a good bit with solar fluxes down under 200. Sessions of 45 MHz (Ch B-1) video have been rare, with Jan 16th the last strong enough to "view". Feb should be a lot better if the fluxes hold well. 73,WA5IXX



# IN SEARCH OF PSB

Donald L. Blevins  
1715 Earhart Road  
Baltimore, MD 21221  
phone # 301-574-2714

IN SEARCH OF PSB....



NEW YORK CITY		New York City Transit Police	
Sanitation Police		160.305	All Portables and In Tunnels
Manhattan	453.600	160.695	All Cars Only
Queens	453.625		
Bronx/Brooklyn/West	453.700		
Brooklyn/North	453.720		
Queens	453.10		
Manhattan	453.20		
Brooklyn/Richmond	453.30		
Bronx	453.75		

## NEW YORK CITY POLICE

### Manhattan

Division 1	Precinct 1-5-6-7-9-13
Division 2	Precinct Midtown S & N
Division 3	Precinct Central Park
Division 4	Precinct 24-26-30-34
Division 6	Precinct 25-28-32

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- This list does not reflect  
- the recent change in the  
- new UHF-T(470-512) range.  
-  
- THIS LIST is for the many  
- frequencies that have not  
- changed over. I hope this  
- can be of assistance to  
- the DX'er.  
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### Bronx

Division 7A	Precinct 40-42
Division 7B	Precinct 44-48
Division 8	Precinct 41-43-45
Division 9	Precinct 46-47-50-52

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- New York Fire Department  
-  
- 154.19 Bronx KEB 962  
- 154.19 Richmond KEB 527  
- 154.25 Manhattan KEB 524  
- 154.37 Brooklyn KEB 525  
- 154.40 Queens KEB 526  
- 154.43 Citywide KEB 523  
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### Brooklyn

Division 10	Precinct 60-61-62-66-68
Division 11	Precinct 72-76-78-84
Division 12	Precinct 63-67-69-71-75
Division 13	Precinct 73-77-79-88

### Queens

Division 15A	Precinct 100-101-106-113
Division 15B	Precinct 102-104-112
Division 16A	Precinct 103-105
Division 16B	Precinct 107-109-111
Division 17	Precinct 108-110-114

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- UHF CABS BALTIMORE AREA  
-  
- 452.05 Sun Cab Baltimore  
- 452.10 Independent Towson  
- 453.15 Atwater Dundalk  
- 452.225 Overlea Overlea  
- 452.40 Jimmy's Towson  
- 452.45 Sun Cab Baltimore  
- 452.50 Ken's Essex  
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### FREQUENCIES AND CALL ASSIGNMENTS

151.175	17th Division	KJK 607	-
151.16	13th Division	KJK 604	-
151.19	16th Division	KJK 603	-
151.205	10th Division	KJK 608	-
151.235	14th Division	KJK 606	-
151.23	Citywide #2	KJK 597/KJK 607	-
151.34	15th Division	KJK 605	-
151.355	18th Division	KJK 597	-
151.37	12th Division	KJK 600	-
151.46	11th Division	KJK 599	-
154.535	Aux Police	KLW 571	Chinatown-152.30
154.71	Bronx JA Mobiles		-Barwood Cab
154.725	Walkie-Talkies	KDG 350	Brooklyn -Bethesda
154.77	Special Events	KEA 394	Capitol Cab
154.785	Walkie-Talkies	KEA 394	Coral Hills
154.80	Waterfront Commission	KEK 306	Manhattan-152.315
155.52	4th Division	KEA 370	-Central Cab
155.535	Tactical Patrol	KEA 394	-Seat Pleasant
155.58	6th Division	KEB 281	-
155.64	9th Division	KEA 745	-152.33
155.655	2 & 3 rd Divis	KEA 370	-Takoma-Langley Cab.
155.70	Citywide 1	KEA 394	-Tokoma Park
155.70	Safety & Emerg	KEA 394	-
152.42	Metro Cab		-152.36
	Fairmont Heights		-F County Cab
	Yellow Cab of Montgomery County		-Hillcrest Heights
	Silver Spring		-
	Bowie Cab Company		-152.39
	Bowie		-Bluebird-Yellow-Suburban
			-Hyattsville
			-
			-152.42
			-Meade Cab Company
			-Fort Meade

# VHF UTILITY DX

Pat Dy.  
5315 Silvertip Dr.  
San Antonio, TX 78242  
Deadline: 5th of month

MARCH 1980

George DuBois, 10048 NE Campaign, Portland, OR 97220 Bearcat 250,  
A/S Mon 8, Mon 4; PST used

1-4:  
1630 32.6 Seoul, Korea (Kor. B. Sys.) 1-12:  
KWY-348 33.16 Agana, Guam 0900 41.23/.25/.27 France  
(Guam Cable TV System, Inc.) TV audio (very strong)  
41.5 BBC TV audio (weak)

1650 37.6 Munsan, Korea (US Army 1-13:  
Flight Coordination Cen.) I200+ 38.85 Ft. Dix, NJ (MP's)  
("Warrior Control") 1705 32.6 "KBS"  
1655 36.9 Chuncheon, Korea (as above) 1750 38.65 Taegu, Korea  
("Evenreach") ("Vanderbilt Hotel")

1-5: (Es) 1-15:  
1630 KA0812 42.46 Ainsworth, NE 1630 KKY348  
1633 KXN740 " Menzel, " 1-25:  
1-6: (Es) 1640 33.55 Korea (US Army)  
1636 KOA812 (?) 1652 40.0 Kotzebue, AK  
1800 KAB315 42.46 Gerling, NE 1703 32.6 "KBS"  
1801 KAB313 " N. Platte, " 1-26:  
1-10: 1625 32.7 AK (US Army)  
1700 42.65 Russian?; 32.6 "KBS" ATC (Air Traffic Control) info can  
1-11: be found in the IFR Supplement -  
1700+ 34.11 Elmendorf AFB, AK Pacific-Australasia edition  
1722+ 38.65 Chonan, Korea Camp Casey & Camp Stanley in Korea  
("Vanderbilt Foxtrot") 33.55 as well as 33.45 & 33.65  
1730 KKY348; 1743 43.4 Russian are active spots

Glenn Jacobs, Box 354-A RD # 1, Moscow, PA 16844

12-8: Eire B video (53.75) on A2 12-15:  
B3 audio (53.25) 1638z 54.40 F4 audio very strong  
E2 video (48.25) 12-16:  
R1 video (49.75) 1456z 54.40 F4 audio  
12-9: Eire B video 1503z Eire B video and  
B1 & B2 audio & video E3 video (55.25)  
B3 audio

50-MHz DX levels have really fallen off in recent weeks -  
The North Atlantic path has been mostly dormant since mid-January.  
England has heard the French Guiana beacon (50.037, FY7THF) as well  
as a new one in Venezuela (50.068, YV5ZZ), and Colombian FM signals.  
New stations on in Europe are TF3SG (Iceland) (on Jan 9-10 got into  
US as far as Wisconsin) and EI6AS (Eire).  
The last east-west US openings seem to have been the first week of Jan  
Jan 30 1930z Hawaii to California.  
ZL1UHF beacon (50.055) into s. CA Feb 3 & a ZL3 heard in Colorado 2200:  
Brazil with usual TE to north & ZB2VHF beacon (50.040) a few times  
as well as a few openings to Okinawa.  
New South African beacon ZSLSTB (50.01 fsk)-34°22', 21°24' E with 100v  
aimed north.  
Vertical incidence ionosonde data from Slough (near London) in November  
show foF2 in 14-15 MHz range 10 days or more (fxF2 = foF2 + 0.7) with  
Nov 30th noon value of 15.5 MHz. Late Jan values were in the 12-13 MHz  
range. MUF's (depending on the layer height) are 3.+ times these.  
-Jan solar flux avg 208 puts a smoothed value of 194 for Jul '79.  
-Swiss number forecasts have the cycle turning down with 130-140 as  
smoothed counts by the Spring. Their peak was last summer.

-Boulder still has the nominal peak as Nov '79 and we shall soon see  
who was right.

## VHF UTILITY DX

MARCH 1980

My loggings. Bearcat 210 with 11-m ground plane at 14'; Hallicrafters  
SX-62 with 30' wire at 12'; all F2 unless noted (\* Es) with daily MUF  
peak(s) given; new underlined, GMT used

1-6:  
0928 35.38 L.A., CA-mp \* 1-8:  
1340 KCC825 33.70 Kennebunk, ME-f 1448 41.5 BBC, 1515 41.25 France  
1355 KCH677 " Fitchburg, MA-cf 1528 45 videos, 1825 40.4 Canada  
KCB404 " Ashburnham, "-f 2215 40.62 Pac.?, 2310 40.68 ?  
KCE581 " Athol, " " 1-9:  
KCG342 " Barre, " " 1402 KCD454, KCD244  
KCB778 " Berlin, " " KCD246 33.70 S. Yarmouth, MA-f  
KBA887 " Bolton, " " KCF264 " Truro, " "  
1356 KCD582 " Harvard, " " KCD271 " Harwich, " "  
KCC705 " Holden, " " KCE288 " W. Tisbury, "-cf  
KCB364 " Hubbardston, "" KCF358 " Centerville, "-f  
KCD353 " Lancaster, " " 1403 KCD492, KCD497, KCD500, KCD556  
KCB360 " Leominster, " " KCF574, KCD594  
1357 KDN599 " Paxton, " " 1404 KCD574, KCD845, KCB760  
KCN575 " E. Princeton, "" 1435 37.62 US ne, 1438 47.66 Sp.  
KCH585 " Rutland, " " 1530 41.5 BBC, 1557 45 videos  
KCE537 " Sterling, " " 1625 48.26 beat, 1635 low-40 Can.  
KCH239 " W. Boylston, " " 1710 41.23/.25/.27 France  
KCD658 " Westminster, "" 1713 KEC515 35.22 Albany, NY-tp  
KAV492 " Winchendon, " " 1730 KOP303 35.62 Langley, WA-mp  
1402 KCD492 " Dennis Port, "" 1734 35.26 Seattle, WA-mp  
KCD497 " Buzzards Bay, "" 1739 KOP303 35.46  
KCD498 " Sandwich, " " 1759 KDA381 33.90 Wilton, NH-f  
KCD500 " Wellfleet, " " KDA383 " Milford, " "  
KCD556 " Orleans, " " KBZ283 " Orford, "-rf  
KCF574 " Mashpee, " " 1810 35.26 Eugene, OR-mp  
KCD594 " Chatham, " " 1928 35.46 L.A., CA-mp \*  
1403 KCB760 " Oosterville, " " 1930 KFL936 35.58 Phoenix, AZ-tp \*  
KCB781 " Barnstable, "-cf 1943 35.38 L.A. \*  
KCD845 " Brewster, "-f 1-10:  
KCD574 " Eastham, " " 1435 43.7 Spanish; 1510 41.5 BBC  
KCD454 " Hyannis, "-fdi 1600 45 videos  
KCD244 " Falmouth, "-f 1631 KCE869 33.70 Prospect, CT-vf  
1415 41.5 BBC (TV audio) 1720 37.58 US ne; 1745 KOP303 35.46  
1420 37.54 US ne 1750 41.25 Fr; 1754 41.5 N. Ireland  
1430 35.22 Wilkes-Barre, PA-vp 1838 KOB238 37.58 Seattle, WA-light  
1435 45 BBC (TV videos) 1925 Seattle 35.26  
1455 43.7 se; 48.26 beats 1-11:  
1520 41.25 France (TV audio) 1448 KCC284 33.90 Tolland, CT-af  
(then Es over 100 MHz rest of day) 1455 KCI299  
1-7: 1525 KQP474 33.78 Tuckerton, NJ-f  
1405 43.7 se; 1430 41.465 BBC 1600 41.5 BBC  
1432 KCI299 35.22 New Haven, CT-tp 1629 KCA695 33.78 Manchester, NH-f  
1433 KEA860 " N.Y., NY-tp 1840 KOP303 35.46; 1850 40.62 Pac.?  
1434 KCC405 37.54 Bangor, ME-he (1812 KOB238, 1824 Seattle 35.26)  
1450 41.23/.25/.27 France 1903 KOK418 35.46 (west)-mp  
1502 45 videos 1-12:  
1520 48.25 BBC audios; 48.25 videos 1425 37.35 se, 1430 33.70 US ne  
1535 low-40 Canada (Fr) 1528 41.5 Spanish, 1552 41.5 BBC  
1610 44.08 Canada? 1620 40.62 Pacific?  
1729 KCA346 37.54 Ellsworth, ME-he 1-13:  
1732 KCD834 39.10 Windsor, VT-lg 1422 37.35 se, 1625 30-32 US ne  
1828 KTL617 " Coupeville, WA-cg 1628 30.475 Espinal, Colombia-ha  
2020 40.62 Pacific ? 41.27 France  
1-8: 1825 40.62 Pacific?  
1422 KCC405 1837 KUA288 35.22 Portland, OR-tp  
KCA305 37.54 Eddington, ME-u 1848 35.26 Seattle  
1426 W.-Barre, 1440 KCA346 1-14:  
1441 KCC957 33.70 Bethel, CT-f 0004 KLF527 35.22 Honolulu, HI-tp bs  
43.7 Spanish 1435 35 US ne; 1502 KDN599  
1525 41.5 se

VHF UTILITY DX

MARCH 1980

(Dyer, cont.)

1-14:  
1816 KCE681 33.70 Rockland,ME-f  
1931 KOH894 " Winslow,WA-cf  
1940 Seattle 35.26  
2008 KOP303 35.46  
2332 KAA203 42.06 Kirkwood,MO-sp\*  
2337 KSB269 39.50 Watseka,IL-cp\*  
1-15:  
1428 KCB781, 1435 43.7 Spanish  
1505 41.5 BBC, 1515 37.86 Russian  
1517 41.25 Fr, 1550 45 video (ft)  
1557 KCA346, 1713 KCC405  
1715 KCA305  
1-16:  
1400 KCH677, KCB404, KCE581, KCG342  
KCB778, KBA887  
KCF337 33.70 Boylston,MA-f  
1401 KCH246 " Clinton, " "  
KCA395 " Gardner, " "  
KCD582, KCC705, KCB364, KCD353  
KCB360  
KAX916 33.70 Lunenburg,MA-f  
KDN599, KCN575  
1402 KCH585, KCE537  
KRJ877 33.70 Templeton,MA-f  
KCH239, KAV492  
1403 KCD454, KCD244, KCD271, KCF358  
KCD492  
1405 KCD498, KCD556  
KCD697 33.70 Provincetown,MA-f  
KCB781, KCD845  
1415 41.5 BBC, 1425 41.25 France  
1425 KCA305, 1500 38.12 Russian?  
1500 37.86 Russian  
1515 45 videos, 1525 40.45 Spanish  
1620 low-43 Canada?  
1624 42.34 US ne  
1629 KCA284 39.10 Bridgeport,CT-p  
1702 35.66 N.Y.,NY-mp  
1735 KCC405, 1805 KCA346  
1811 35.26 Seattle; 1823 KOB238  
1828 KOK418; 1835 KOP303 35.46  
1838 35.26 Portland,OR-mp  
1-17:  
1415 37.35 se, 1425 45.13 ?  
1431 KCD511 33.70 Camden,ME-f  
1433 KCC825, 1450 KCH585  
1550 41.25 France, 41.5 BBC  
1715 hi-37 US ne, 1720 40.48 Can.  
1720 low-43 Canada? (Fr)  
1725 KOP303 35.46  
2240 L.A. 35.46 \*  
1-18:  
1457 41.5 se, 1507 43.7 ?  
1516 KCH954 33.70 N.Brandford,CT-f  
1625 KCA305  
1627 KCF526 33.70 Kennebunkport,ME-f  
1705 KCF944 33.54 Brattleboro,VT-f  
1707 KBB990 " S.Deerfield,MA-f  
1729 KCA695  
1730 KDC288 33.90 Hollis,NH-f  
1732 KDA381, KCC405  
1733 KRZ270 33.90 Fenton,NY-f

1-18:  
1744 KJD876 33.66 Andover,MA-f  
1747 KCE721 33.70 Litchfield,CT-f  
1751 KCT618 " Sharon, " "  
1800 KBZ283; 1805 KAV492, KCB404  
1823 KOP303 35.46  
1830 Eugene 35.26, Seattle 35.26  
1831 KCB979 33.90 Norwich,CT-f  
1832 KCD306 33.70 York,ME-vf  
1901 KOB238; 1920 Portland 35.26  
2000 40.62 Pacific ?  
1-19:  
1437 KCD471 33.70 Wells,ME-f  
1440 37.35 se, 1450 KCB778  
1718 KCD306; 35's US ne  
1740 KCF460 33.70 Warren,CT-vf  
1823 KEJ451 33.78 Toms River,NJ-cf  
1830 KDA381, KDA383, KBZ283, KDC288  
1843 KCD582; 1915 KOP303 35.46  
1932 Seattle 35.26  
1943 Portland 35.26; 2024 KCA695  
2120 KCD511  
1-20:  
1516 KEA860  
1517 KCC944 33.70 Torrington,CT-f  
1529 KCA695; 1540 41.5 BBC  
1542 41.25 France; 1555 37.35 se  
1633 KCE579 33.78 Keene,NH-f  
1829 KBZ283; 1830 KDC288, KDA381  
1830 KDA383, 1837 KCD471  
1852 KLD863 33.70 Rockland,ME-f  
1928 KOP303 35.46; 1929 KCD511  
2035 Seattle 35.26  
1-21:  
1401 KCD246, KCF264, KCD271, KCD492  
KCD497, KCD498  
1402 KCD500, KCD594, KCD845  
1600 37.35 se, 1647 41.5 BBC  
1647 41.25 France  
1656 KCC482 35.22 Concord,NH-vp  
1658 KCD492 33.86  
1659 KCK671 33.90 LakeGeorge,NY-cf  
1700 KCI233 33.66 Watertown,CT-f  
KCA695  
1705 KCC957, 1708 KCD582  
1719 KCC405, 1727 KCA305  
1735 KJP390 33.70 WestPoint,PA-vf  
1738 KCI299, KEA860  
1744 KCA986 37.10 Clinton,MA-p  
1759 KCA346; 1930 KOP303 35.46  
1939 KOB238  
2007 KFN501 37.18 Salem,OR-cg  
2056 KFN716 33.70 Arundel,ME-f  
KCC825  
2115 KCF264  
2159 KCC907 33.70 Blue Hill,ME-f  
1-22:  
1535 KCC405, 1550 41.25 France  
1600 41.5 BBC, 1611 KCA346  
1645 KEA860, 1659 KCD492 33.86  
1701 KCB526, 1825 35.26 Seattle  
1832 35.26 Portland  
1835 KOP303 35.46; 1939 KOK418  
1942 KOB238; 2020 39.54 Can. (Fr)

VHF UTILITY DX

MARCH 1980

(Dyer, cont.)

1-22:  
2126 KCE681  
1-23:  
1533 43.7 se  
1555 KCG651 33.70 Derby,CT-f  
1555 KCI299, 1556 KEA860  
1558 KCA346, 1600 KCA695  
1601 KCC405  
1604 KCE526 33.70 Bethlehem,CT-vf  
KCB999 33.78 Burlington,VT-f  
1618 KCA305, 1629 KQP474  
1652 KCD626 37.54 New Haven,CT-wtr  
1807 35.26 Seattle  
1811 KOP303 35.46  
1831 KOP303 35.62; 1851 KCE681 /-f  
1916 KCC350 33.90 E.Bridgewater,MA  
2029 KCC825, 2020 KBZ283  
2217 KLD863, 2245 KCF582  
2245 KCF582 33.70 Thomaston,ME-f  
1-24:  
1555 45.13 Spanish, 1559 KCE869  
1644 KCE681  
1645 KCB479 33.90 Kingston,MA-f  
1659 KDA381, KCK671; 1700 KCA695  
1706 KCC405, 1715 KCA305  
1715 KCF944  
1716 KCF313 33.66 Andover,MA-f  
1740 KJE253 33.54 Gill, " "  
1743 KGE734 33.78 LockHaven,PA-cf  
1748 KCE358 33.54 Shelburne,MA-cf  
1758 KCI233; 1759 KDC288, KBZ283  
1800 KCB999, 1801 KEJ451  
1803 KCF569 33.78 Tolland,CT-sf  
KEE720 " Millburn,NJ-f  
1811 KU0980 33.54 Bernardston,MA-f  
2010 KOP303 35.46  
2020 Seattle 35.26  
1-25:  
1517 40.86 Spanish  
1614 KCA585 33.90 Plymouth,MA-f  
1630 KBZ283, KDA381, KDC288  
1633 KBH354 33.90 Rockville Center,  
NY-f  
KCD453 " Hanson,MA-f  
1642 KCA305  
1647 KCD575 33.70 Cheshire,CT-f  
1649 KCB979, 1707 KRZ270  
1719 KCC405  
1813 KCF310 33.66 Chelmsford,MA-f  
1850 35.26 Seattle  
1858 KOP303 35.46; 2143 KFN716  
2144 KCB479, 2200 KCC907  
2217 KCB715 33.90 Whitman,MA-f  
2246 KCB951 33.70 WellsBeach,ME-f  
2259 KCD306, 2301 KCD511  
2303 KCD500  
1-26:  
1532 KDC288, KDA381; 1611 KJP390  
1615 hi-37 US ne; 1624 KCA346  
1628 41.5 BBC  
1645 KFD651 33.70 Ebensburg,PA-cf  
1652 KGE734  
1658 KCA639 33.90 W.Wareham,MA-f  
KCD492 33.86

1-26:  
1659 KRG767 33.90 Easton,MD-cf  
1700 KJY884 33.86 W.Chester,PA-cf  
KEH513 " Waldwick,NJ-f  
1701 KCA378 33.82 New Haven,CT-f  
1713 KED485 " Woodbridge,NJ-f  
1715 KDB386 33.66 Pepperell,MA-f  
1-27:  
1352 KCH677, KCB404, KCG342, KCB778  
KBA887  
1353 KCH246, KCA395, KCD582, KCC705  
KCB364, KCD353, KCB360, KAX916  
KDN599, KCN575  
1400 KCD244, KCD246, KCF264, KCD271  
1401 KCF239, KCF358, KCD492, KCD497  
KCD498, KCF500, KCD556, KCD574  
KCD594, KCD697  
1403 KCB760, KCB781, KCD845, KCF574  
KCD454  
1410 37.35 se, 1419 KCI299  
1432 KCC482, 1600 KBZ283  
1636 KCC825, 1651 KCF313  
1655 KCE457 33.86 Newtown,CT-f  
1659 KDC288, KDA381; 1701 KDA383  
1702 KCH236 33.70 Oxford,CT-vf  
1859 KUA288, 2140 KOB238  
2233 40.62 Pacific?, 2244 KCE537  
2245 KCE816 33.58 Southington,CT-f  
KCC532 " Plainville, " "  
2246 KCF582  
2248 KCL540 33.90 Halifax,MA-f  
2254 KCD575  
2258 KCF582 33.54 Franklin,MA-f  
2259 KCB999  
1-28:  
1413 KLD863, 1516 KCC405  
1525 39's US ne, 1538 low-43 Canada  
1619 KCD626  
1658 KCA410 33.92 Wareham,MA-f  
KCD492 33.86  
1700 KCB526, KCG342  
1701 KCD371 33.98 Raynham,MA-f  
1704 KCC825, 1705 KCA585  
1729 KCA695  
1730 KCA661 33.90 Carver,MA-f  
1744 KCC944, 1745 KCE721  
1750 KCE632 33.82 NewtonCenter,MA-f  
KCD575  
1759 KDA383, 1800 KDC288  
1820 KOH894, 1825 KOP303 35.46  
1830 37.58 US nw, 1955 KCB526  
2015 KCF264, 2016 KCC825  
2055 KCE869, 2057 KFN716  
2110 40.62 Pacific?  
2123 KCG651 33.70 Derby,CT-f  
2130 KBZ283, 2228 KCE579  
2242 KCE537 33.70 Bethany,CT-vf  
2245 KCL540  
2250 KCA974 33.90 Plympton,MA-f  
2254 KFT468 " Moultonboro,NH-f  
2256 KCH585, KCF582; 2258 KCD658  
2258 KDA381  
KCN857 33.78 Winchendon,MA-f  
2259 KBA887; 2301 KCC907, KCE579  
2301 KCG964 33.76 Terryville,CT-f



VHF UTILITY DX

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TECHNICAL TOPICS



- (Dyer, cont.)  
 1-28: 2302 KCH954, 2305 KCB404 33.82  
 2306 KCB469 33.54 Shutesbury, MA-f  
 2307 KCB951  
 2308 KTZ304 33.54 Wendell, MA-f  
 2314 KDX459 " Medway, " "  
 1-29: 1659 KBH354, KCK671; 1700 KCB979  
 1705 KCC825, KCA346  
 1708 KDP395 33.70 LittleValley, NY-cl  
 1716 KCD626, KCC957  
 1720 39.82 US no; 1734 KCC405  
 1848 KOP303 35.46  
 1849 Eugene 35.26; 1852 41.62 Sp.  
 1905 KOB238, 1908 Seattle 35.26  
 1933 KCA305  
 1939 KEX905 37.58 Roseburg, OR-p&l  
 2090 40.62 Pacific?; 2110 KCC284  
 2244 KCH239, 2245 KCF582  
 2246 KCE537, 2247 KCH236  
 2255 KCH585, KCE869; 2254 KCY582 /fdi  
 2259 KFB656 33.96 Thompsonville, CT-f  
 2300 KJRH39 33.70 New Milford, CT-f  
 2301 KCD511; 2306 KCE358, KCF944  
 2310 KCB364, 2314 KCD471  
 2315 KCH794 33.54 Wrantham, MA-f  
 KDX459  
 2316 KCC705, 2320 KCD500  
 2320 KCD598 33.54 Athol, MA-f  
 2321 KCN575, 2347 KCB681  
 1-30: 0039 KQI316 33.70 Dayton, OH-f\*  
 1404 KCD845  
 1420 KCA351 33.90 Duxbury, MA-f  
 1455 46.12 se  
 1500 41.23/.25/.27 France  
 1511 KCC405, 1648 KCA346  
 1846 KOK418, 2005 KOB238  
 2048 Portland 35.26; 2129 KDA381  
 2147 KCD753 33.90 Putnam, CT-f  
 2149 KCB715, 2159 KDA383  
 2216 KCD575, 2229 KBZ283  
 2230 KQP474, 2244 KTZ304  
 2246 KDJ537 33.54 Deerfield, MA-fdi  
 2247 KCN366 " " -f/-f  
 2250 KGE477 33.70 Jeffersonville, PA  
 2250 KEJ451, 2256 KCE869  
 2257 KCH585  
 2300 KEG663 33.82 Metuchen, NJ-f  
 KCC957  
 KRP942 33.48 Kingston, NY-f  
 2301 KQL885 33.96 Montville, CT-f  
 2302 KRI603 33.82 Spotswood, NJ-vf  
 2303 KVI522 " Piscataway, "-f  
 2305 KCB844 33.70 Greenfield, MA-f  
 2308 KCE358, 2309 KDX459  
 1-31: 1500 41.5 BBC; 1505 41.23/.25/.27  
 1527 mid-40 Sp., 1610 KCC405  
 1702 39.82 US?, 1712 KCA346  
 (afternoon MUF's depressed)  
 2-1: 1405 45.13 Spanish; 1443 KCH677  
 1458 KCC405, 1529 KCA346

- 2-1: 1638 KCA305, 1840 Portland 35.26  
 1841 Seattle 35.26  
 1844 Eugene 35.26, 1847 KOK418  
 1851 KOP303 35.46; 2109 KCF313  
 2111 KCA633 33.90 Middleboro, MA-f  
 2116 KCC997 33.70 York Beach, ME-vf  
 2124 KCL524 33.90 Bristol, NH-f  
 2127 KCB979, 2128 KCA585 33.90  
 2136 KCP610 33.86 Ft. Lee, NJ-f  
 2146 KCC284, 2152 KBH354  
 2152 KED411 33.86 CliffsidePark, NJ-f  
 2158 KCD620 33.90 W. Bridgewater, MA-f  
 2159 KDA383  
 2200 KJP374 33.90 Gilmanston, NH-f  
 2207 KCH954, 2211 KCH585  
 2301 KCF311 33.66 Carlisle, MA-f  
 KDR298 33.86 Somerville, ""  
 2302 KCD511; 2305 KCB404 33.82  
 2309 KDX459  
 2310 KDG722 33.66 Littleton, MA-f  
 2314 KDC288; 2355 38.20 Russian?  
 2-2: 1500 KDA383, 1501 KCH954  
 1525 KCB715, KCE681; 1528 40.86 Sp.  
 1534 KBH354, 1539 KCA346  
 1547 41.23 Fr; 1620 39.1/.82 US?  
 1659 KDA381, KDC288; 1703 KDJ537  
 1705 KCA585, 1710 KCC705  
 1712 KCC825, 1730 KCA695  
 1743 KCC284, 1746 KCB979  
 1922 40.62 Pacific?  
 2200 KCG959 33.70 TenantsHarbor, ME-f  
 2202 KCA639, 2213 KCC350  
 2244 KEP595 33.54 Bellingham, MA-f  
 2245 KCF582, 2251 KCE537  
 2257 KCY582, 2259 KCB778  
 2301 KCR901 33.98 Rochester, NH-f  
 KCD511  
 2306 KCA633  
 -----  
 Swan 250 with Ameco nuvistor preamp  
 5-el horizontal Cushcraft yagi at  
 23' with rotor  
 1-7: 1618 49.922?  
 1715 49.75 video, very briefly  
 1-22: 1440-1445 49.6/49.98 se  
 1-26: 1535-1550 49.65/49.7 se  
 1-28: 1500-1515 49.65/49.7 se  
 -----  
 With the coming of spring the N-S  
 F2 paths will improve vs. E-W.  
 Even as early as Feb Es to TE links  
 are possible in the evenings.

73, Pat

WA5IYX

Q: "I'd like to know the minimum height for a good DX antenna system. Is 30 feet above ground too low?"

A: The rule-of-thumb among successful VHF/UHF DX enthusiasts has long been "the higher, the better." There is so much variation between DX sites that no one specific antenna height above ground will produce the best DX results for every DXer. If you live in a flat open area with few tall buildings, bridges, etc., you will not need as much antenna height as the DXer who lives in a large built-up urban area. With tropospheric propagation, antenna height becomes a very important factor in a VHF or UHF DX system. It has been found that in the best areas of the continent for tropo DX, such as the Gulf and coastal regions, 1000-mile ducting is observable with antennas only a few feet above the ground--while inland areas can't produce the same kind of results unless the antennas are at least 50 feet above ground, and often much higher than that. Amateur radio studies have produced evidence that some over-water tropo ducts are very close to water and ground levels in the best tropo locations, and that helps to explain why a very low antenna site can sometimes produce such astounding results. When planning a good DX antenna system, try to make sure that your antennas are high enough to at least "see" the horizon in all or most directions. In areas with hilly terrain and/or tall man-made objects, or in heavily wooded areas, several feet increase in antenna height often makes a big difference.

Q: "Why do UHF signals increase so dramatically when you raise the antenna, that is, compared to VHF signals coming from the same location?"

A: Basically, there are two reasons. Because the wavelengths of UHF signals is so much shorter than that of VHF signals, raising a UHF antenna higher in terms of wavelengths is much easier to do than with VHF. Increasing the height of an antenna 20 feet is but a one wavelength increment at channel 2, but on a typical UHF TV channel, it's 10 or more wavelengths higher. Most antennas perform better when they are several wavelengths above ground. The second reason that increases in height are much easier to notice on UHF is that the UHF signals themselves cannot penetrate terrain, vegetation, and man-made "clutter" as well as VHF signals can. The higher in frequency you go, the more "line-of-sight" the signals tend to behave--except, of course, when there are good tropo conditions!

Q: "Which is better for DXing--a rotator with manual control, or one with automatic control?"

A: This is a matter of individual preference. There may be models of both types available to rotate the type of DX antennas you use, but the manual-control units will be among the cheapest. The big drawback with a manually controlled rotator is that you have to keep a finger on the button or knob until the antenna has rotated to the desired position. This can be a problem during a hectic DX opening, when you often need more than two hands! You may find it harder to locate manually operated rotor control units in the future, as consumers tend to favor the automatic units for their "set-and-forget" convenience. Still, some DXers have found the accuracy and repeatability of the manually controlled rotators to be superior to some of the more expensive and elaborate automatically controlled models.

Q: "I notice that there is a round type of rotator control cable available. It seems to be a bit more expensive--is it worth it?"

A: In areas subject to rough weather, it's well worth it. It tends to last longer than flat rotator control cable, and is supposed to have less of a tendency to split. It's easier to pass through holes in the wall, too.



## TV UPDATE FOR CARIBBEAN

**PUERTO RICO:** The following FM stations run English language for Spanish TV programming: WKJB 99.1--WKAQ-2; WZAR 101.9--WKAQ-2; and WPRM 98.5--WAPA-4.

**HAITI:** Richard Clark reports NO OVER THE AIR TV!

**DOMINICAN REPUBLIC:** A few changes from last list:  
TeleInde-13 Santo Domingo has been off since September '79 due to hurricane. It may be sold but it will probably go back on.

TeleAntilles-2 Santo Domingo NEW ON THE AIR

TeleAntilles-13 Santiago NEW ON THE AIR

**CUBA:** IS using NTSC color! Canal 2 net is now off and Canal 6 is now TV Cubana. Both TV Cubana and TeleRebelde merge for news. TV Cubana (TC) studios in Habana...TeleRebelde (TR) studios in Habana, Santiago, Holguin.

ch 2 TR Habana	ch 8 TC Santa Clara
2 TR Ciego de Avila	8 TR Holguin
2 TC Santiago	8 (U.S.) GUANTANAMO BAY
3 TR Santa Clara	9 TC Matanzas
3 TC Holguin	9 TR Baracoa
4 TR Camaguey	10 TC San German
4 (U.S.) GUANTANAMO BAY	11 TC Guantanamo
5 TR Santiago	12 TR Pinar del Rio
6 TC Habana	12 TR Bayamo
6 TC Camaguey	13 TR Matanzas
7 TC Baracoa	13 TR Guantanamo
7 TC Ciego de Avila	

ALL THIS IS FROM RICHARD CLARK, who was not wiped out by the hurricane. Richard also supplied a TV schedule for the Dominican Republic as well as LOTS of FM news! FINE JOB!

73'S - Ken

## STATION BREAK

c/o Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

WTFDA member ads only. 3 line or 30 word limit.

FOR SALE - Sony ICF-6700W receiver. AM/FM. Excellent condition. \$300.00, bank draft only. Shipped UPS. Robert Heckenlively, P.O. Box 281, Yankton SD 57078.

FOR SALE - CDE T<sup>2</sup>X rotor, never used. First certified check or money order for \$180 takes it. I pay shipping. William J. Draeb, Ellis St., R.R.#2, Kewaunee, WI 54216.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

## QSL CORNER

Thomas J. Vingling, Jr.  
221 Pinewood Road  
Baltimore, MD 21222

FM-QSL

Ont.	CFNV	102.1	Brampton. Letter in 13 days from Mike Hargrave-Pawson, CE who sends pens, stickers. Address is- Main St. N., Brampton L6V-1J6. Chernos
	CHAV	93.1	Barrie, Letter from Vin Dittmer, GM & promo, send also window stickers & coverage map in 7 days. Chernos
	CJOM	88.7	Windsor, 1120 Ouellette Ave, N9A 1C9. Letter from Wally Dahan, Chief Engineer. Eddie
Man.	CBWV	97.9	Brandon, Attractive CBC Winnipeg card from Winnipeg, Linda Hagberg, in 2 weeks. Identifies station as being on the CBC Tran-Canada Network, which I thought no longer existed. Wood
Sas.	CBKF	97.7	Regina, rather dull postcard with Société Radio-Canada address from C. Lynch in 2 weeks. Wood
AR	KCAC	106.3	Walnut Ridge, Box 30, 72476. Send my prepared letter from & CB from Dan Coker, signer & owner. Eddie
	KCYN	103.9	Pocahontas, Box 508, 72455. Send my prepared letter form & CB from signer Jack Wilson, Chief Operator. Eddie
IN	WXTZ	103.3	Indianapolis, 4560 Knollton Road, 46208. Received a multicolour card for QSL, no signer, replu in 2 weeks. Ross
	WAZV	96.5	Lafayette, Box 1410, 47923 send my prepared letter form with signer Richard Oliver, CE. Eddie
	WASK	105.3	Lafayette, Box 880, 47902. Send back my prepared letter form from George Williamson, CE. Eddie
LA	KXKZ	107.5	Ruston, 71270. Letter from Dan Hollingsworth, GM. Brief letter stating this the greatest distance they have been heard. Elving
MI	WCBL	91.7	Alpena % transmitter location-Atlanta, MI 49709. Letter from Thomas J. Endres, Dir. of Tech. Ser. replies from originating station - WCBL St. Pleasant. He states however that WCBL-FM does have break away capability from WCBL-FM, but this not done very often. Elving
	WSHN	100.1	Fremont, 49412. A long delinquent station verified by Russ Durloo, Manager says my letter was res over the air. Elving
	WUPB	106.9	Ironwood, 49938. Letter from Chuck Gervasio, Pres. & GM mentions of his friends have heard WUPB in Duluth (he formerly worked in Duluth & I know him) Elving
MS	WCPC	93.3	Houston, P. O. Box 569, 38851. Send back letter from Rick Huffman, and send back my letterform with signed by J. B. Skelton, jr, ce, also send ball point pen. Eddie
DH	WCRF	103.3	Cleveland, 9756 Barr Rd, 44141. received qsl card with station details, no date, time or my name & no signer, reply in 15 days with no return postage used. Chernos
	WREO	97.1	Ashtabula, 3226 Jefferson Rd, 44004. Cheapie letter on WFUM-AM stationery signed by Bill Froedrick, Operations Manager in 32 days, with no return postage used. Chernos
OK	KOFB	104.1	Oklahoma City. Letter & business card from Mike Miller, Program Director, also send stickers. Chernos
	KFNB	101.9	Oklahoma City, 2620 1st National Center West, 73102. Verification note typed on bottom of my post card report to the station, signed by Richard C. Corner, GM. Elving
	KKNG	92.5	Oklahoma City, 73105. Letter from Steve White, Oper. Elving
TN	WSR	95.5	Nashville, Box 100, 37202. Send prepared letter for AR & FB & CB from Gordon Evans, signer- Radio Engineering Crew Chief. Eddie
	WKDF	103.3	Nashville, 1202 Stahlman Bldg, 37201. Letter from George Hale, Chief Engineer. Eddie
	WZEZ	92.9	Nashville, 1617 Lebanon Rd, 37210. Send letter from Gary Brown, Tech. Dir. mentioned that at the time of my reception the arp was 40kw. Eddie
UT	KUER	90.1	Salt Lake City. Very specific letter from Donal E. Smith, GM in 1 week, enclosed sticker & program guide. Wood

Reporters this time are: Saul Chernos of Toronto, Ont; Robert Ross of London, Ont.; Richard Eddie of St. Louis, MO; Bruce Elving of Duluth, MN. for this all fm month. I would like (if possible) new reporters to this QSL Corner Column. I know there must be more members that send for QSL's than the ones that report to this column. For those that are so familiar with how to report, just look above. 73's Tom