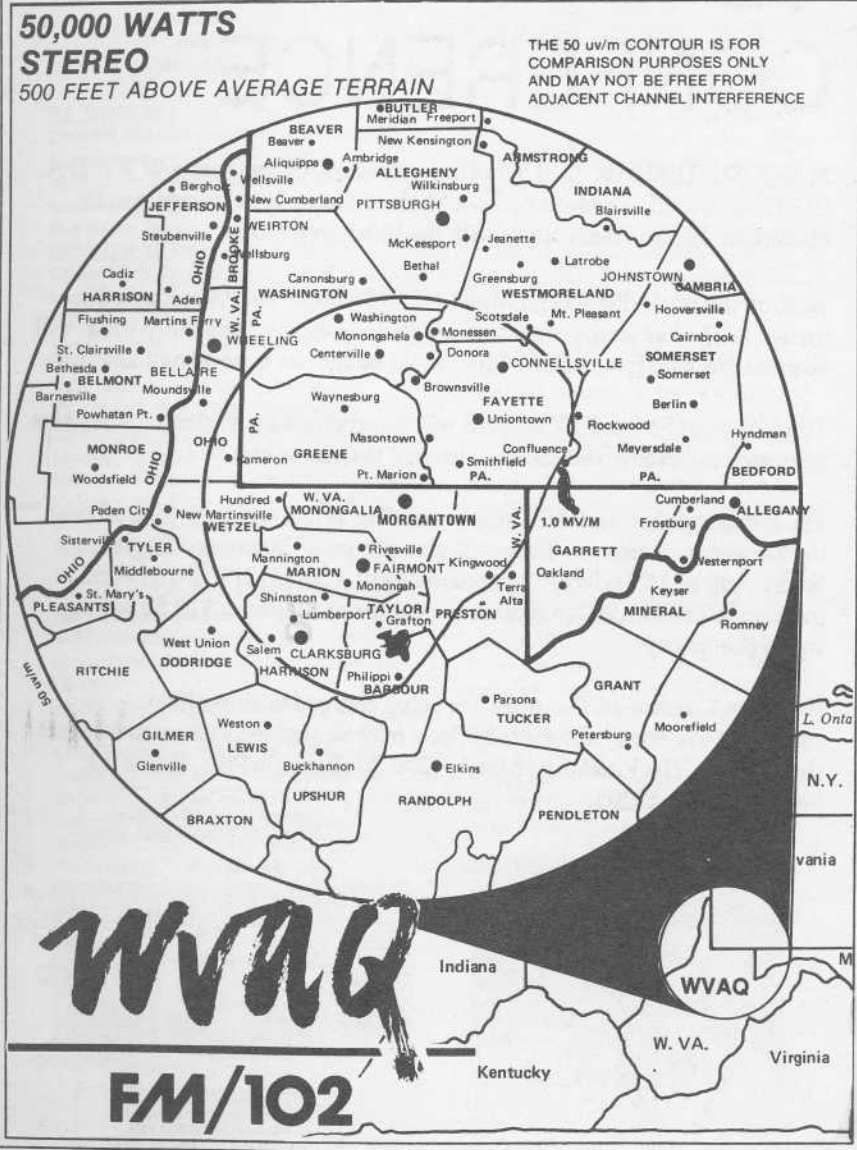


# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 1992



WORLDWIDE TV-FM DX ASSOCIATION  
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first class mail



# WTFDA '92 CONFERENCE

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

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

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

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

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



## QSL CORNER &

### LOGOS RUN

Thomas J. Yingling, Jr.  
221 Pinewood Road  
Baltimore, MD  
21222-2845  
410-282-5649

PA WEFR 88.1 Erie, % Family Radio, 2906 Mt. Ephraim Ave, Camden, NJ 08104. I got back my PFC (prepared file card for verification of reception) back with a business card signed by Mike Zeimann, Mgr. in 3 weeks. (Ross)

CO KTLF 89.7 Colorado Springs, 1802 Chapel Hills Dr., Suite A, zip 80920. Letter back from Barbara Elliott, Member of Board of Trustees answers on letterhead of another board member, Ronald A. Johnson, MD. Supplied a brief QSL, mentioning they have since moved to 90.5 MHz. (Elving)

CO KVRH 92.1 Salida, 7600 Country Road, zip 81201. Letter from William J. Murphy, President verified, said they have been heard from a listener 60 miles north of Calgary, AB. They also send a station profile, and info on market. (Elving)

CO KSPK 102.3 Walsenburg, Box 1210, zip 81089. Letter from Annette Geiser, GM who sends brief report and station brochure. She also mentions about soon power increase to 17,000 watts, and believes my report the greatest distance they are have received. (Elving)

IL WDLM 89.3 East Moline, P. O. Box 149, zip 61244. Glenn Rogerson, CE sends QSL Card and my letter back with a note saying they were heard 5 to 6 years ago in Boynton Beach, FL "where we also have an owned & operated station on the same frequency!?!?" (his punctuation) "Yours is the farthest in recent years." (Elving)



MN KSRO 90.1 Thief Rivers, % Thief River Falls Technical College, Highway One East, zip 56701. Letter from Donald H. Jorstad, Station Manager expressing surprise at being heard in Esko saying "our students seldom believe that anyone really listens." Also send bumper stickers and cap. (Elving)

WI WOFM 94.7 Mosinee, P. O. Box 1206, zip 54402-1206. Long handwritten letter from Roger Watson, Corporate Engineer apologizing for delay in writing because of time spent in putting the new station on the air. It's on 24 hours a day. Xmtr site city of Poniatowski, 23 km west of Wausau, WI with studios downtown Wausau. "You are the most distant human being being we've heard from by far mentioning other reports from Green Bay, Black River Falls, Rhinelander, & Marinette however nothing beats your distance to date." Also send coverage map, station data, and invited me to stop by & get a tour. (Elving)

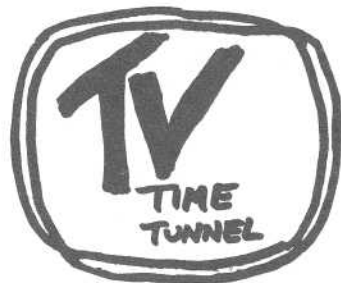
WI WHBM 90.3 Park Falls, W4551 Highway 182, zip 54552. Roger Strand, CE send short letter several months after I wrote. (Elving)

AB CKUA-FM-1 93.7 Calgary, % Access Network, CKUA-AM-FM, 4th Floor, 10526 Jasper Ave., Edmonton, AB zip T5J 1Z7. Friendly, but very inspecific letter of "verification" from Monika Martin, Program Coordinator says " You did indeed pick up CKUA-AM-FM" which is wrong because it was only CKUA-FM-1 which I reported heard. This letter came after I called, and she called me back, and then I sent a post card re-reporting the reception after two failed to get a verie. Sent a program schedule and large 60th anniversary book on the history of CKUA and its network of FM stations. (Elving)

MI WRKR 107.7 Portage, 9835 Portage Rd. zip 49002-7258. PFC & qsl card back from Mike Childs, DJ in 2 weeks. (Ross)



CONTINUED ON PAGE 48



WRITTEN BY TOM BRYANT, 849 TODD PREIS DR.,  
NASHVILLE, TENNESSEE 37221 (615-646-2000)

[SPECIAL THANKS TO FORMER WLW STAFFER L. K. PATTON OF FT. THOMAS, KY FOR THE LOAN OF HISTORIC RESEARCH MATERIAL USED HEREIN.]

This month, an introduction to the WLW empire...specifically to the man who founded it. It's fascinating stuff, and I hope you enjoy it as much as I did while researching the subject. There's a lot more to come...next month...Crosley's television ventures. Meanwhile, **SEE YOU SOON IN PITTSBURGH !!!**

POWEL CROSLLEY, JR.; the man

CROSLLEY BROADCASTING; the legend

*PRELUDE: Although the history of WLW and Crosley Broadcasting is long and illustrious, I was intrigued to learn that the man who founded it was even more fascinating than the broadcast giant itself. With that in mind, this synopsis of one of America's most famous operations opens with a look at Powell Crosley, Jr. His life and career were as unusual as the spelling of his given name. Only the highlights of his long and productive career are included here; a more comprehensive biography is available in the 1971 Prentice-Hall book "Not Just A Sound...The Story of WLW" written by Dick Perry. Because of the extreme importance of Crosley's widely varied business empire, this month's column will dwell on the early years, and we'll move into the television aspect next month. Please bear in mind that attempting to condense Crosley's story to two pages is tantamount to trimming both volumes of "TV Factbook" to the size of a postcard!*

Powell Crosley, Jr. was a complex being. His first love was cars, and he raced them as a young man. He began his college career in engineering, but was pressured by his father to change to a law curriculum. At one point he quit college to become a chauffeur, simply so he would have a car to drive. The law studies were short-lived, and Crosley eventually received a degree in engineering. Other career branches included a job selling bonds; telephone lineman, and advertising copywriter. He built his first car, the "Marathon Six", in 1907. The prototype cost him \$10,000; but the production model was to sell for about \$1,700. World War One ended that project, and he drifted from job to job in the automotive field in cities in Michigan and Indiana.

Returning to Cincinnati in 1911, he started his own shop to fabricate auto accessories. One of the gadgets he conceived and marketed with great success was a flag holder which mounted on auto radiator caps. He is credited with inventing the first automotive fuel additive, "Gastronic". These and several other products turned out to be big sellers, and Crosley was well on his way to becoming a wealthy man prior to his first brush with radio in 1921.

In response to pleas from his son, he went shopping for a wireless receiver. Shocked at the \$100+ price tags, he wound up buying a 25¢ book and \$30 worth of parts; and built his own! One of the first things he heard was KDKA in Pittsburgh. He was hooked!

Crosley was so intrigued with his \$30 radio that he took it to the crew at his auto accessory plant and had them duplicate it. He felt that if he could mass produce a reasonably priced receiver, thousands more people could be introduced to the new medium. He was right. The initial selling price for the first Crosley radio was \$20, including earphones.

Now...why should people buy his radios? Crosley figured that he ought to begin transmitting programs to stimulate demand, and started 20 watt experimental station 8XAA in 1921 to do exactly that.

TIME TUNNEL/Crosley--page 2

The idea clicked. Radios were selling like hotcakes. Crosley immediately began designing and manufacturing improved (but still moderately priced) receivers. At the same time he quickly expanded his broadcast facilities. Just a year later (1922) he was granted a commercial license and the call letters WLW. By 1928 the station had become one of a handful of 50,000 watt giants!

It didn't stop there. Crosley reasoned that people would enjoy radio in their cars as well as at home, and in 1930 he patented the "Roamio"...America's first battery powered car radio. Convinced that the more people his station could reach, the more radios he could sell; he lobbied for and was granted an experimental license permitting WLW to transmit with 500,000 watts. The super-power operation began in 1934 with President Franklin Roosevelt pressing a telegraph key in the White House to fire up the 500 kW monster. WLW was heard around the world...no other station was as powerful!

The dominance of WLW came under fire from the press and other broadcasters (all green with envy, I presume), and 5 years later, in 1939, the experimental high power grant was rescinded and the station was forced by the government to return to 50,000 watts.

No matter; the radios were still selling like crazy; and so were a lot of other Crosley products. There was the non-electric ammonia activated "ICY-BALL" refrigerator. The X-ER-VAC scalp massager (also touted as a hair grower). A FAX-type transmission system to deliver news to homes and businesses. An unsuccessful attempt at a 35mm camera. Several types of clocks. A bottle cooler. A pharmaceutical product called "Peptikai" (no word on what it was for). There was "Tredcote", a tire patching compound. A cross between a tricycle and a stroller called "Baby-Go-Bi-Bi". Or how about "Driklenit"...an auto polish? The tinkerer-turned-broadcaster was cranking out new products at an incredible rate...and marketing them on his radio station. He even bought the Cincinnati Reds in 1934 and, of course, broadcast their games on WLW. Profits went through the roof!

Strangely enough, the loss of the super-power status dampened Crosley's enthusiasm in radio; and in 1939 he decided to remove himself from day to day operations at WLW so that he would have more time to concentrate on his first love...cars. But this time, it was a specific car...one of his own design...the Crosley. His devotion to the Crosley line of mini-cars was all-consuming; so much so that in 1943 he sold WLW to business partner AVCO. He pursued the auto venture until 1952 when (after three years of million dollar per year losses) he sold the auto plant and went into semi-retirement. Powell Crosley, Jr. died in 1961 at age 75.

This fascinating man was a bit of a mystery. He married four times. Many described him as cold and hard, but others spoke of him as kind and gentle. He was a shrewd businessman and surrounded himself with competent associates. In a way he was a genius; in another sense an oddball. He had a reputation of being a frugal employer (the WLW staff roster was somewhat of a revolving door), and yet he would spend millions on ideas thought by many to be totally unrealistic. His entry into the broadcasting field was a quirk, and the business was never the apple of his eye. He had an insatiable thirst for power, and was thought by many to be an extreme egotist. [I can't help but feel that this man was the Ted Turner of the early days of radio!]

AVCO, WLW's new owner, picked up where Crosley left off; and went on with innovation upon innovation in both technical and programming areas. The company first dabbled with television in 1939, and developed and sold tv receivers under the Crosley name until the early 1960s. Serious involvement with television began in 1946 when W8XCT (experimental) was on the air for an hour a day. Operation expanded to 20 hours a week in 1947, and the company was granted a commercial license for WLWT channel 5 in 1948. That's where we'll pick up the story next month.

Contributions earnestly solicited!

## Readers' Reports and Stereo Happenings

W. R. McIntosh came through with the news I was waiting to hear—that KKLA 99.5 Los Angeles retains stereo! This is great news for DXers, since that red light will be blazing as KKLA helps fatten your logs. The station mainly has "one religious talk program after another," says Mc. "Problem is I can't stand listening to them." But later that evening, Mc reported: "Yes, they have music—a beautiful program of spirituals tonight." While music may be endangered on 99.5, let's hope the species does not entirely disappear, so that the station has a reason for keeping that beautiful stereo light on people's receivers.

Steven West corrects on the nonIDs (misIDs?) of WMYJ 106.5 Pocomoke City MD and WKRE 107.5 Exmore VA. They're MY 106 and MY 107. "Maybe I heard it wrong but it sounded like Y106 and Y107. The narrow filters may have caused the mistake through distortion of the audio." [Filters that degrade the audio—horror!] He said WIBF-FM 103.9 Jenkintown PA is being sold, and I just heard from Jarad Broadcasting near NYC (WDRE



1600 STEWART AVENUE • WESTBURY, NY 11590

92.7) that they are buying it subject to FCC approval. This is causing all the ethnic broadcasters to panic and head for the SCS hills. If you're local area fans of WIBF-FM's ethnic programs, better get yourselves an SCS unit!

Mike Hawk reports that KIWR \*89.7 Council Bluffs will continue to be a DX target through the end of the year. The college has granted them more time to get their financial act together. "In response, KIWR has had many fund raisers. . . Even their bumper stickers cost \$5 each! There was a good response from the public, so IWCC gave them an extra six months." Mike notes that KRGR Albert Lea MN has not yet moved to 94.9, still 95.3, but KNOD Harlan IA has migrated from 105.5 to 105.3 and added the exciting dimension of stereo to its emissions. "All of us on the 'Big O' Team (NRC DX '92) thank you for your mentions of the convention in your section in VUD. . . Even though there was a last minute change of sites from the Quad Cities to Omaha (the original host had to resign from hosting it), we hope for a good turnout. The half price airline tickets helped boost support."

A buyer of my "FM Atlas," Chris Cuomo, notes "a diminutive station on 90.5 KGNR (in quotes) with .1 watt at 30 meters in Englewood CO. Is this station licensed? My guess is that it is an unlicensed 'Part 15' station that assigned itself its own call (thus the quotes). . . I have a Ramsey FM-10 stereo .1 watt transmitter for 88.7 mhz [in Verona PA] which I will use once I get some programming material in line. . . Is the experimental KA2XXZ Columbia FL still on the air? I have heard that KA2XXZ is off the air, incidentally." [Perhaps DXers in north FL can check to see if KA2XXZ is on or not.]

Bill Cheek, Commtronics Engineering, sends a press release about an RS-232 interface to control scanners, such as the Radio Shack Pro-2006. If you can tolerate FM DXing on that unit (I can't!), then you might be able to benefit from his interface. It's a \$169.95 + \$5 shipping item, so you might want to write PO Box 262478, San Diego CA 92196-2478 for his fliers.

AL FM changes are the subject of a letter from Madison C. Brumbach, who mentions the new WLBI 98.7 Warrior AL, serving Jasper, and nearby WFFN 95.3, having been on 92.9, while many AM stations in his area are having financial troubles. "Some AM stations just ought to close up shop" because all they are doing is duplicating FM. "Some AMs are needed though because of news, but news can be transferred to FM or can be watched on TV anyway."

Douglas E. Smith says WNOX 99.1 Loudon and WJFC-FM 99.3 Jefferson City are paralleling each other (although M Street Journal says "m"), with billboards in Knoxville promoting as Double 99 FM with exact frequencies given. "I think this solves someone's unID of a month or two ago [in the VUD]." TN's WAYA 93.9 is the only secular "Way" station Doug's ever heard, and W291AA 106.1 Knoxville is on the air, as is a WXST 105.3 Loudon translator in Knoxville on 96.7.

Don L. Moody corrected an erroneous call letters listing for Little Rock that was in the VUD a couple months ago. "Whoever gave you the information on the 89.1 and 90.5 call letter change gave you the wrong information. I support both KUAR and KLRE. Each year both stations have a fund raising festival. . . I receive the KUAR and KLRE program guide. . . Nothing has been mentioned in any of the guides about any call letter changes. I listened to both stations [recently] and found the 89.1 frequency using the KUAR call letters and the 90.5 frequency using the KLRE call letters. . . I like the larger print listing of formats at the back of the book better than the ones on page 8." [The 13th edition had the larger print formats at the back. About KUAR-KLRE, I wonder if they jointly publish the same program guide?] Don goes on to mention two AR stations which are silent: KSNE 104.3 Marshall, its FM translators and AM affiliate are "no longer on the air. . . Marshall is a small, poor town in the Ozark Mountains of north AR. Population 1318." And KLRA-FM 96.5 (and AM) England is still off the air.

When I DXed WWIS-FM 99.7 Black River Falls WI earlier this summer, they wrote back and sent a copy of a letter Greg Coniglio sent them, reporting reception in Williamsville NY. It seems FM stations remember WTFDAers!

Ken Onyschuk said WVVX 103.1 Highland Park IL "still dominates with ethnic format," and probably does its dominating because of being monophonic, and sticking out like a sore toe to DXers. "An early June article locally suggested WWHN AM Joliet bought WTAS 102.3 Crete, but I called WCGO AM/WTAS FM and Steve Penn told me WWHN was only leasing the time on WTAS." Ken got the letter to me with a 2¢ stamp on it, marked "1st Class Mail, Ref. 1789 U.S.

Statutes at Large." Now, Ken, you shouldn't cheat the postal service like that!

Somebody sent a NY Times article July 5 on architecture—radio towers as art! It pictures several of them without identifying the broadcasters involved, as "upstart," "lioness," "triplets," "dream," and "lion."

FM filters' king Bill Nienajadly sent diagrams on how to install filters in parallel. "Bruce, I really think if you start producing Tim McVey's five filter IF amp board circuit (see Nov. 1990 VUD), you will get quite a bit of sales! You could produce boards for \$12 each and sell them for \$20 less filters. Give it a try." I'm not trying to look for ways to get more involved in getting money out of DXers, but I will save Bill's information for possible later use.

Tom Bryant "thought you'd get a bang out of the enclosed clipping. Of course, they meant AM 650, but that got lost somewhere in the process. . . Since the date



MUST BE SOMETHING WRONG WITH MY FM TUNER. I TRIED EVERY TRICK IN THE BOOK BUT COULDN'T FIND 65.0!

for the convention has been changed to September, there is a good chance that I may be able to make it after all. . . The W4XA station was NOT a WLAC effort, but was owned by the National Life and Accident Insurance Co. (owner of WSM). Execs at the Insurance Company were concerned that WSM was not airing enough classical music and cultural programming; and the upshot was the shortwave transmitter which was on the air for about five years. Regarding your reference to it as an 'Apex' station; I don't know. I had never heard that term before. W4XA (noncommercial and experimental) gave way to W47NV, the city's first (and I believe the region's first) commercial FM station late in 1941. Interestingly enough, the original transmitting antenna for W47NV remains mounted atop the WSM AM tower. That operation continued until 1950, and was discontinued at about the same time WSM-TV (4) began operation.

"The present WSM-FM (95.5) originally began operation as WLWM FM. The low-power facility was put on the air by Mr. Webber Parish, purchased by WSM in 1967 (simulcasting AM programming for about a year) and upgraded to 100 kw with separate programming in late 1968. Well, what was supposed to be a minor correction in ownership turned into a station profile. I know you're a stickler for accuracy, thus the correction plus the additional info." [I believe the calls for W47NV changed to WSM-FM by 1948. My Summer '49 "White's Radio Log" lists WSM-FM as being on 103.3—b.e.]

"Thanks for the recommendation of the Worldwide TV-FM DX Association that you made in FM Atlas," writes Paul Kohanski. "In the April Digest I noted a listing that WCPN's [Cleveland 90.3] subcarrier was silent. Since I had not checked it recently, and found it without a program one evening, I assumed that the service for the blind had ended due to the massive

budget cuts taking place in Ohio. I am happy to report, however, that the 67 kHz is fully active with programs for the blind. Recently I purchased a Recoton FM 200. It is amplified and also has a tunable stage that makes it a great indoor antenna. I have used it for tuning into 89.9 from Windsor, the CBC Classical service [CBE-FM]. A Kent OH station on 89.7 was wiping out the Canadian station on most days. The tunable stage of the FM 200 enables me to detune most of the splatter from 89.7 and the gain stage then allows me to boost the Canadian. Reception is mostly mono on my Pioneer receiver, but I am thrilled with the results. I enjoy your column in the Digest."

KFAV 99.9 Warrenton MO is stereo, Walt Breville reports. It IDs at about :55 as "KFAV Warrenton, St. Charles, St. Peters," and does so "real quick and soft" so DXers hardly notice it. "Warrenton is a rural town, population 3300, definitely beyond the St. Louis suburbs on I-70. St. Charles and St. Peters are in very fast-growing populated areas" just NW of St. Louis. Disregard the format change, below, for KATZ-FM 100.3 going all jazz. It is still sj, "all jazz, but of the soul variety, not big band." Also off the air: WXJO 95.5 Bethalto IL, while KSLH \*91.5 is the only station Walt hears which lacks stereo. "It's more tj than tm, playing Stan Freeberg '50s novelty pop stuff as well as old big band jazz."

"W232AL Pomona NY, 94.3 translator owned/operated by WNEW-FM chief engineer Gerry Turro, is now spewing horribly distorted copies of WFDU and WNYU 89.1 on a 24 hour a day basis," reports Karl Zuk. "The carrier seems clean, but the modulation is way overdeviated and the stereo subcarriers are just filled with garbage—totally unlistenable!" [Do let me know if this is a "permanent" change in primaries for W232AL—I list it as being a translator for WBAB 102.3 Babylon NY.] "Please don't give up your newsletter! You are irreplaceable—and a great void would remain if you left. Please reconsider!" Karl exhorts. "All the best."

I'll try to have more about my plans regarding this column and the newsletter next month, but [you can] expect one will go. Now search a little farther, fellow DXers, for the feature "See Also," culled from August's DX-filled digest.

## New FM Station, Translator Grants

All translators have less than 100 watts unless indicated otherwise

- AL Selma W232AN \*94.3 (WMBV 91.9 Dixons Mills)
- AZ Bullhead City KEDG-1 103.5 49-w booster of Las Vegas station
- AZ Cane Springs K292ES 106.3 (KRCY 105.9 Kingman)
- AZ Williams 96.7 1000 h.v.; 245 m, Jana Tucker
- AR Wickes K232CS 94.3 (KENA-FM 101.7 Mena), 100 h, 99 v
- CA Berkeley K6LX-FM 1 102.9 99-w booster of Berkeley station
- CA Fort Bragg K265DB 100.9 (KUKI-FM 101.3 Ukiah), 250 w
- CA Thousand Palms 94.7 510 h.v.; 177 m
- CO Grand Junction 104.3 100000 h.v.; 395 m
- FL Key West W210AS \*89.9 (WLRN-FM 91.3 Miami), 240 h
- FL Perry W265AB \*100.7 (WOLR 91.3 Lake City)
- GA Dahl omega 104.3 3000 h.v.; 51 m, K. C. Croom
- IL Rockford W289AB \*105.7 (WNIJ 90.5 Rockford)
- IN Austin 92.7 3000 h.v.; 100 m, Austin Radi
- IA Vinton 107.1 6000 h.v.; 100 m, K. C. Rosato
- KY Hazard W244AU 96.7 (WZQQ 92.3 Hyden), 250 w
- MI Manistee WXVQ 107.9 3000h.v.; 61 m
- MS Hattiesburg W207AU \*89.3 (WMAH-FM 90.3 Biloxi), 250 w
- MO Springfield \*88.3 12000h.v.; 100 m, g. Lou Smith Ministries
- NE Omaha KXKT-1 103.7 11000-w booster of Atlantic IA station
- NE Sidney K228J 93.5 (KCMJ 96.9 Terrytown)
- NM Carlsbad 106.1 50000 h.v.; 150 m, Kalob Bcstg.
- NM Truth or Consequences K216CK \*91.1 (KLYT 88.3 Albuquerque)
- NY Essex (SW Burlington VT, N. Westport NY) 101.3 480 h.v.; 245 m



# TELEVISION NEWS

Doug Smith, Editor  
14 Brookside Court  
Nashville, TN 37209-4503  
615-356-8305 CIS 72777-3143

## ABBREVIATIONS USED IN THIS COLUMN:

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

## APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	Call	City
AR	24	171.68	117	Springdale; Total Life Community Educational Foundation	
MS	24	25	187	Meridian; Central Television Inc.	

## APPLICATIONS DENIED/DISMISSED/ETC.

St	Ch	City
CA	11	Los Angeles; Rainbow Bcstg.
LA	11	Columbia; Caldwell Bcstg. L.P., Giles Television Inc., KTVE Inc., Love Bcstg. Co.
NV	15	Las Vegas; Lorraine Walker Arms

## CONSTRUCTION PERMITS CANCELLED

St	Ch	Call	City
NC	30	WEOU	Wilson
NE	15	KPQC	Omaha

## CONSTRUCTION PERMITS GRANTED

St	Ch	ERP	HAAT	City
KY	44	1000	601	Harlan; Living Faith Ministries
LA	11	316	565	Columbia; Pears Bcstg. Inc.
WA	56*5000	571		Tacoma; Korean-American Missions (this is a correction from last month; it was indeed 1872 feet)

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	61	5000	89	WFGC	Palm Beach

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (Cont'd.)

St	Ch	ERP	HAAT	Call	City
LA	45	1670	159	KWLB	Shreveport
NC	58	1570	422	WUNG-TV	Concord
OK	62	100	139	KMNZ	Oklahoma City

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AR	29	1410	nc	KHOG-TV	Fayetteville
OH	6	100	286	WSYX	Columbus (TL: 39°56'16"N, 83°01'16"W Stimmel Road, 1.6km W of I-71) (was 163m)
OH	42	525	373	WPBO-TV	Portsmouth (was 398kW/377m)

## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
GA	57	398	129	WATC	Atlanta
SC	63	5000	343	WQHB	Sumter

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	25	1225	352	WHIQ	Huntsville (TL: 34°44'14"N, 86°31'46"W (was 631kW/358m)
CA	22	832	877	KWHY-TV	Los Angeles (was 2570kW/889m)
ID	12	316	346	KUID-TV	Moscow (was 115kW/316m)
IN	30	832	216	WTIU	Bloomington (was 200kW)
MD	36	240	199	WGPT	Oakland (was 24.9kW/218m)
MD	28	2179	157	WCPB	Salisbury (was 786kW)
MN	10	316	301	WDIO-TV	Duluth (was 308m)
MS	24	724	177	WTZH	Meridian (TL: 32°18'43"N, 88°41'33"W US-45, 5.9km S of Meridian)
MT	3	10.42	31	KYUS-TV	Miles City (was 10.2kW/38m. Big change, huh?!)
NC	25	1256	351	WUNK-TV	Greenville (was 631kW)
NJ	41	2340	421	WXTV	Paterson (TL: 40°44'54"N, 73°59'10"W Moves from World Trade Center to Empire State Building. Was 3240kW/506m.)
OK	35	2761	256	KXON-TV	Claremore (TL: 36°24'5"N, 95°36'33"W 503m E of Dowala Rd., 9km N of Claremore. Was 70.15kW/144m)
OR	21	133	197	KTVZ	Bend

## CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)

St	Ch	ERP	HAAT	Call	City
TN	17	3266	354	WZTV	Nashville (was 2340kW)

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
TX	57	5000	585	KRTV	Baytown (TL: 29°17'56"N, 95°14'11"W 6.5km SE of corner of Springtown Road and Hwy. 35, 13km S of Alvin.)

## CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City/Permittee
OH		WXAE	Toledo; Dominion Broadcasting
WA	56	KWDK	Tacoma; Korean-American Missions
WV	59	WVGV-TV	Lewisburg; WVGV TV Corp.

## CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	City	Was	Now
MI	41	Battle Creek	WUHQ-TV	WOTV
MI	8	Grand Rapids	WOTV	WOOD-TV
OK	35	Claremore	KXON-TV	KRSC-TV

The change of WSJU-18 San Juan, PR has been withdrawn; the station will remain WSJU.

## NEW STATIONS ON THE AIR

**Baxley, GA: WUBI 34z:**  
316kW, 200m AAT  
TL 31°45'53"N, 82°13'38"W  
4.7km S of GA-144, 11.6km E of Baxley, or about 65km WSW of Savannah.  
Signon date unknown.  
Independent.

**Ellendale, ND: KJRE \*19-:**  
405kW, 179m AAT  
TL about 110km SW of Fargo, on ND/SD border south of Jamestown.  
Signon date unknown.  
PBS, satellite of KFME-13 Fargo.

**Burlington, NJ: WGTW 48:**  
2340kW, 316m AAT  
TL 40°02'36"N, 75°14'33"W  
Somewhere in the Roxborough antenna farm, where Philadelphia's other stations are. Probably the old WKBS-48 facilities.  
Noted with test pattern by Steve West on 8/12.  
Independent.

**Jellico, TN: WPMC 54-:**  
20kW, 395m AAT  
TL 36°30'26"N, 84°02'36"W  
Rich Mountain, 2.9km ENE of Habersham, about 35km N of Knoxville.  
Signon date unknown.  
Independent religious.

## OTHER STUFF

Another call with Steve West, and comments he relays from Bill Nienajady, indicate that the facilities given for WGTW-48 above are probably wrong, as the station is much weaker than the listed facilities would indicate. The above listings are the latest stuff I've got..

The WPBO-TV application is probably to cover for the new transmitter installed in June, as reported last month.

WHIQ-25's TL change is probably just correction of inaccurate coordinates: the description of their TL hasn't changed.

WZTV's change involves replacing an old transmitter with a new one with higher power.

The Meridian, MS new station application is mutually exclusive with existing WTZH-24 there.

I expect to see a lot more old CPs cancelled in the near future; as Bruce Elving and the National Radio Club have reported, the FCC has been cancelling dozens of unbuil AM and FM CPs.

Frequent E-skip catch KKTO-2 has reportedly been sold to KGSW-14 in Albuquerque. My best guess is that KGSW-14 will go off & move its programming to channel 2; whether the KGSW calls will also be moved, I don't know.

In late July, the FCC prohibition on common ownership of cable systems and telephone companies was relaxed. Telephone companies are now allowed to transmit video as common carriers without having to obtain a municipal franchise. They will also be allowed to take up to 5% financial interest in the programming their systems carry.

Estimates are that NBC lost between \$50,000,000 and \$100,000,000 on the Olympics. Network executives claim the promotional boost for their regular schedule was worth it. The pay-per-view Triplecast appears to have been a flop, with the most optimistic estimates being 500,000 buyers, and the

Least optimistic being well under 250,000. Triplecast operators had hoped to sell 2,000,000 subscriptions.

Semi-locally, QSI of Memphis claims to have been ready to demonstrate their system for simultaneous transmission of HDTV and NTSC on the same 6MHz channel. WREG-3, who was to carry the demo, denies involvement. Kinda makes one wonder if Elvis is involved...

An article in the August 10 issue of *Broadcasting* notes that the football games of the Buffalo Bills are carried on cable TV-- with permission for non-commercial WNEQ-23 to simulcast the games!

## FORUM

### Dave Sinclair, Vancouver BC:

Dave is still looking for comparative info about Channel Master & Winegard antennas; write him at 6565 Brooks St., Vancouver V5S 3J6.

He reports hearing over KTBW-20 that TBNs K60DS Rochester, MN and K57?? (can't find it in my database) Atwater, CA are now on.

Dave also reports that, to the best of his knowledge, KSKN-22 is still off.

Finally, he passes along some clippings about TBN's attempt to get started in Canada.

In the May 10-June 6 *Christian Info News*, it's reported that two Alberta TBN relay operators have filed suit in Edmonton, challenging Canada's 63-year-old policy of not licensing religious broadcasters. Russell Pearson charges that this policy "... violates the Religious Freedom provision of the Charter (of Rights and Freedoms) and the essence of the Constitution."

A January CRTC hearing in Edmonton turned out 800 citizens in support of the Canadian TBNs.

Another article, from the May 27 *Vancouver Province*, notes that the Royal Canadian Mounted Police shut down unlicensed TBNs in Winnipeg, Saskatoon, Medicine Hat, and Three Hills, Alberta. Several other unlicensed TBNs have been ordered to shut down & complied voluntarily. All these stations have been operating on UHF. (which means, if you log a TBN from an unlikely direction, don't rule out Canada as its location!)

### Mystery Contributor, Columbus, OH: (Dave Moody?)

Someone from Columbus sent copies of the WPBO-42 program and transmitter log forms, and the transmitter meter readings form, along with a WPBO-42 coverage map (forwarded to HQ for possible use as a VUD cover) and a clipping from the July 15 *Columbus Dispatch*.

The latter clipping mentions a lightning strike on the tower of WOSU-34 and WTTE-28. The tower was hit about 1:30am on Monday, July 13. "Both stations limped along on low wattage for a while Monday. Then transmission was stopped so repairs could begin." It's unsafe for tower workers to climb past an operating antenna; more thunderstorms also posed an unacceptable risk to further work.

WTTE-28 expected to be back on the air on the night of the 15th, with WOSU hoping to be back sooner, on the 14th. Microwave and fiber optic gear borrowed from WCMH-4 and others permitted both stations to reach cable subscribers in the area during the tower work.

### Steve West, metro Philadelphia:

Steve called the evening of Aug. 12 to report WGTW-48 back on with a test pattern. (thanks!) After calling Steve back on the 12th, he reports what appears to be their regular schedule, with something called the "American Entertainment Network", from Denver, with "Channel America-type" programming, mostly old black & white Westerns, etc.. Their slogan is "Good Television to Watch"...

He's also seen an unID LPTV on 24, with the All News Channel. I'm passing along to Matt Sittel-- don't have any real solution for him here! Is it possible that WPAJ-24 Danville, VA is on?

### John Combs, Orlando FL:

Sorry John; I managed to misplace the item you sent regarding an LPTV going dark...

Nothing exciting here on TV, just a few unID FM bursts in the Perseids. (though there was a new tropo logging on the tape!) But fall-like weather is descending on the South; looks like tropo season!

73 Doug

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

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

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

The second half of June was poor for skip, and July was not much better. Many members are rating this a very poor season, although it did not seem as bad out west. Trop levels are also way down, presumably cause of the abnormally cool weather over many areas of North America. There have been "interesting" skip catches though, double hops, unusually short and long distances, and there was a good trop opening mid-June in the midwestern states. If you have had DX this summer, why not let us know? We look forward to hearing from you! On to the DX.....

## FRANK MERRILL - PO BOX 669 - MACOMB, ILLINOIS 61455

All times CDST. Equipment: MacIntosh MR-78 tuner. Antennas (hey, this in itself is a "DX Tip" for skip DXers). 1. Channel Master "Stereo Probe 9" yagi at 40 feet, used for over 90% of all tropo DX and some Es. 2. Channel Master "Stereo Probe 9" at 8 FEET OFF THE GROUND used for at least 80-85% of my Es DXing, and the rare occasional Tr catch, like KWKH 94.5 on 17 June.

### MAY 1992 DX

1 Tr  
0300 KETR 88.9 TX Commerce, BBC pgm. legal ID, and jingle, BBC news 590  
0303 KZZD 90.7 KS Wichita, legal ID 406  
0352 WRR 101.1 TX Dallas, tornado PSA, c 646  
0400 KSCS 96.3 TX Ft. Worth, calls 646  
0410 KLTJ 94.1 TX Ft. Worth, calls, ads 646  
0417 KODZ 94.9 TX Arlington, calls and promo about the station 646  
0434 Tulsa and OKC strong 405&510  
0500 KCBJ 90.9 TX Dallas, legal ID 646  
0506 KERA 90.1 TX Dallas, lgi ID, Morn. Ed. 646  
0523 "UHF tropo to San Antonio"  
0535 KEAY 99.9 MO Warrenton, V-100 and St. Charles County and O'Fallon ments. 116  
0548 KJMZ 100.3 TX Dallas. "We don't want violence in the D-FW area (this was during the L.A. riots)", rap music 646  
0551 KJZY 99.1 TX Denton, 99.1 Z-Rock 613  
0600 KHKC 103.1 OK Atoka, legal ID, weather reported off earlier in 1992. 515  
0617 KRRM 105.3 TX Dallas, Many channel 5 promos, ph# 787-1053, many Dallas ments. 646  
0640 KOSU 91.7 OK Stillwater, calls souled like KCSU, started with Stillwater temp in weather 458  
0726 KETR 88.9 TX Commerce, in on top of KLUM-MO! 590  
0730 KYOT 106.7 TX Granbury, calls, ad for Granbury Square antique sale 680  
0809 W213AH 90.5 IL Macomb, gave WDLM 89.3 phone # 6  
0811 KNYD 90.5 OK Broken Arrow, thru xltr408  
0840 KWGS 89.5 OK Tulsa, calls, PSA, over KOPN same direction, came out of nowhere 413  
0842 KGLS 93.1 KS Pratt 474  
8 Es  
1034 WKRY 93.5 FL Key West  
1036 KLUX 99.9 TX Robstown  
1042 KVMV 96.9 TX McAllen. "If you have ? s about God, call us at 787-???? (theirs is 787-9700)"  
1100 WHVE 102.5 FL Sarasots  
1115 KKYX 106.7 TX Terrell Hills, new calls, k 877  
1115 XHPJ 106.9 NL Monterrey, ads, "Estereo Classic" slogan, SKIP FREQUENCY #100. 1164  
1130 WGYL 93.7 FL Vero Beach, calls 1063  
10 Tr  
0519 KMCH 94.7 IA Manchester, "All of eastern Iowa has discovered the new KMCH", k 146  
10 Au  
0519 heavy hash on entire dial, couldn't ID anything  
16 Es  
2342 WBVM 90.5 FL Tampa  
WCTQ 92.1 FL Venice

### JUNE 16 Es continued

2342 WJIS 88.1 FL Bradenton  
2343 WOLM 92.9 FL Punta Gorda, calls heard 1057  
17 Tr  
0000 W212AI 90.3 IL Springfield (WIBI 91.1) 70  
See note #1.  
17 Es  
0002 WBVM 90.5 FL Tampa  
24 Es  
1951 WBOS 92.9 MA Brookline, 92.9 WBOS 1022  
1956 WCDQ 92.1 ME Sanford, calls, quick fade in and out over 30 mile WCAZ 1043  
1959 WEVO 89.1 NH Concord  
1959 WSKG 89.3 NY Binghamton, multi-region NY Weather, Binghamton first temp, fade 775  
2000 WAER 88.3 NY Syracuse, legal ID, blues 770  
2007 WODS 103.3 MA Boston, "Oldies 103" and Top 500 countdown, Boston ads later 1024  
2008 WRNX 100.9 MA Amherst, Weird Al Yankovic coming to "The Valley", call 253-2299 for info (I guessed, dialed 413-the no. and WRNX answered!) MUF 107.9 (tent. WXKS-MA)  
2013 WHYN 93.1 MA Springfield 940  
2016 WTCC 90.7 MA Springfield, Pulaski Park events, dedications, etc, called them 940  
2024 WWLJ 105.1 RI Providence, Thrifty ad ment obivous Rhode Island cities 1006  
2038 WLYT 92.5 MA Haverhill 1030  
CBAF26 88.5 NB Moncton 1359  
2044 WERS 88.9 MA Boston 1024  
2052 WBMT 88.3 MA Boxford, "The north Shore's best rock", super weak! 1028  
25 Es  
0833 WAVV 101.7 FL Vero Beach, Wave 101.7  
0841 WYKS 105.5 FL Gainesville, local ads 882  
0843 WEAG 106.3 FL Starke, Love 106.3, call 875  
0852 WDDO 92.1 GA Adel, "Exit 10 information Radio", endless stream of Exit 10/Adel ads" 761  
MUF of 107.9  
1300 WTEB 89.3 NC New Bern, calls, no legal 830  
1309 WMQX 93.1 NC Winston-Salem  
1311 WYFL 92.5 NC Henderson, EBS test, said "This station serves THIS operational area"! Argh!  
1317 WKOT 103.3 NC Newport, Thunderhead Computer ad (isn't lightning bad for computers?) 853  
WAKG 103.3 VA Danville, ads, "You live in Virginia" (No listeners in NC, or IL?) 665  
1321 WHITE 103.7 NC Williamson, local ads 805  
1329 WYFL 92.5 NC Henderson, legal ID 722  
1924 WHOV 88.3 VA Hampton, mosquito control tips on WHOV-FM (Yeah! These tips alone make all my years of DX worthwhile) 806  
1946 WSNE 93.3 MA Taunton  
1950 WPRO 92.3 RI Providence

FRANK MERRILL'S REPORT continues.

**MAY 25 E-skip cont.**

1952	WNTX	96.3 MA Nantucket "WMVY" dual 92.7 and 96.3 ID	
1954	WODS	103.3 MA Boston	
1957	WMNR	88.1 CT Monroe, legal ID briefly heard over WMBR	914
1959	WBUR	90.9 MA Boston, not legal ID	1024
2001	WSQC	91.7 NY Oneonta, "18000 members of WSKG...."	820
2001	WMBR	88.1 MA Cambridge, legal, rap	1023
2007	WAMC	90.3 NY Albany	
2014	WVCR	88.3 NY Loudonville, calls	886
2033	CBAF15	88.1 PEI Charlottetown	1440
<b>30 TrS</b>			
2303	WZNX	107.9 IL Arcola, "107.9 WZNZ Arcola Mattoon-Charleston's best rock, Z108"	135
2346	WEZS	95.1 IL Carterville, "The music continues on 95.1 WEZS, the new lite mix"	204
<b>31 TrS</b>			
0119	WDXR	94.3 IL Golconda, calls after k	235
0154	KYRX	104.7 MO Chaffee, "Missouri's fav music on Y105", legal w/Cape Girardeau	232
<b>JUNE 1992 DX</b>			
<b>5 Es</b>			
1010	KLZY	92.5 WY Powell	957
1042	KQFC	97.9 ID Boise, calls	1329
1046	KZMG	93.1 ID New Plymouth, local ad for Boise Village, "The Hot FM Magic 93.1"	1360
1101	KIZN	92.3 ID Boise, Kissin 92, k	1329
<b>5 GW</b>			
1102	KRNA	94.1 IA Iowa City, legal ID	95
<b>6 Tr</b>			
0622	WTKC	91.1 IL Kankakee, community bulletin board tape, mono. What a waste!	154
0643	KIAI	93.9 IA Mason City, "Double Country KIA, with the most k music"	228
0644	WMMM	105.5 WI Verona, "105.5 Triple M Madison's best rock", local ad & wx	185
0648	WIKK	103.5 IL Newton, calls, DJ blab	163
1733	WQTY	93.3 IN Linton, WKZW off	210
1740	WNVA	95.5 IL Chicago, WGLO off	184
1959	W209AL	89.7 IL Macomb, WGOA 89.5 legal ID, see Note 2	6
<b>6 MS</b>			
1653	CKCU	93.1 ON Ottawa, ad for Ottawa's new rap sensation, reggae song. Lasted about 1 minute my longest burst! Was trying for KFKQ-WI.	831
<b>6 Es</b>			
2034	KNAI	88.3 AZ Phoenix, ID in English and Spanish in middle of song!	1278
2048	KJOK	93.1 AZ Yuma, K-Jack 93 FM	1432
2050	KTTI	95.1 AZ Yuma, Promo with calls "Hello, Yuma! STILL need California!"	1432
2105	KNAU	88.7 AZ Flagstaff	1201
<b>7 GW</b>			
0000	WBBA	97.5 IL Pittsfield, legal ID	59
0000	KICK	97.9 MO Palmyra, legal ID, jingle "Forgot to log these before" NOTE 3	64
<b>8 Es</b>			
0116	CKHJ	93.1 NB Fredericton	1268
0140	CJLS	96.3 NS Barrington	1306
0142	WCME	96.7 ME Boothbay Harbor, "Coastal Country 96.7 FM WCME", ad	1103
0147	WYNZ	100.9 ME Westbrook, woman DJ between songs, verified per phone call	1066
0158	WCGY	93.7 MA Lawrence, legal ID	1021
<b>8 Tr</b>			
0212	WIXY	100.3 IL Champaign, calls in jingle country, helps to ruin another freq.	130

**JUNE 8 Trop cont.**

0225	WKOT	96.5 IL Marseilles, MONO, oldies "Pure Gold Rock n' Roll. Oldies 96.5"	119
0248	KARO	101.5 MO Columbia, ads for cent. MO legal @ 0250, a crowded frequency now!	136
0300	KTXR	101.3 MO Springfield, legal ID	263
<b>10 Tr</b>			
0433	WDBM	88.9 MI E.Lansing, ph# 355-4237 this is "Kay" on Impact 89 FM	356
0448	WETN	88.1 IL Wheaton, taped legal ID	166
0449	WLJW	88.7 IL Chicago's Energy 88.7	186
0518	WCLR	95.7 OH Piqua, Clear 95.7	339
0530	WGNR	88.9 MI Grand Rapids, ID	311
0601	WIBN	98.1 IN Earl Park, sign on with extremely distorted audio	171
0607	WAWC	103.5 IN Syracuse, Wawasee 103	250
0608	WBOR	95.7 IN Attica, local temp. etc	180
<b>10 Es</b>			
1850	KJOL	90.3 CO Grand Junction	
1900	K202AQ	88.3 CO Arrowhead Butte, KPRN legal ID, NOTE #4	910
1908	K202AD	88.3 UT Orangeville, note 5	1070
Note: local WIUS 88.3 off between semesters. Thanks!			
<b>12 Es</b>			
2117	CBK	96.9 SK Regina	966
	CBKS	105.5 SK Saskatoon, parallel	1110
	CFMC	95.1 SK Saskatoon	1110
2124	CHSN	102.1 SK Saskatoon, end of religious pgm "Hour of Rest" (verified via phone)	
<b>13 Es</b>			
1925	WSTW	93.7 DE Wilmington	801
1928	WMPHt	91.7 DE Wilmington, p format	
2055	WKRR	92.3 NC Asheville, ads, Rock 92	675
2059	WZFX	99.1 NC Whiteville, The Fox 99-1, Cape Fear Valley Medical Center	781
2100	WMEV	93.9 VA Marion, legal ID	553
2125	WTJL	93.7 SC Georgetown, coastal weather, Georgetown shopper guide	796
2208	CHMX	92.1 SK Regina	966
2212	KZPR	105.3 ND Minot, local ads	752
2242	KIZZ	93.7 ND Minot, legal ID	752
2301	CIMG	94.1 SK Swift Current	1075
2305	KTYZ	92.7 MT Wolf Point, calls, k	910
2331	KPOX	92.5 MT Havre	1092
<b>14 Tr</b>			
0252	WZWZ	92.7 IN Kokomo, local wx	238
0259	WSKT	92.7 IN Spencer, k, phone calls	222
	WLRT	92.7 Kankakee weak all night, why?	154
<b>14 Es, Wow!</b>			
1259	KDXT	93.3 MT Missoula, call letters "the frequency 93.3, XT93"	1249
1300	KUFMt	89.1 MT Missoula, BBC mag	
1312	KAAC	98.9 MT Great Falls, TC, K99	1135
1315	KQSW	96.5 WY Rock Springs, ID	970
1319	KTRR	102.5 CO Loveland, Oldies Tri 102 (strict), Estes Park museum ad	758
1323	KOLT	103.7 WY Casper	825
1326	KLEN	106.3 WY Cheyenne, Light FM "106 is Cheyenne's official at work stn	742
1329	KGPR	89.9 MT Great Falls, Jazz on 10:30 Tuesdays here on MT Pub Radio	1135
1330	KWBI	91.1 CO Morrison, semi-legal ID	767
1338	KPBI	105.9 CO Denver	760
1343	KMCX	106.5 NE Ogallala, ad	580
1344	KSID	98.7 NE Sidney, calls	646
1345	KQKS	104.3 CO Longmont, legal ID	761
1348	KNNG	104.7 CO Sterling, King FM	659
1348	KOGA	99.7 NE Ogallala, local ads	580

MORE DX TO COME ON THE NEXT PAGE!

FRANK MERRILL'S REPORT continues.

**JUNE 14 Es continued**

1350	KELN	97.1 NE North Platte, calls	530
1355	KIMN	107.9 CO Fort Collins, legal ID and "Power 107.9", Ft. Collins ad	757
1400	KTRS	95.5 WY Casper, legal ID	825
1400	KPNY	102.1 NE Alliance, legal ID	644
1401	KSIT	104.5 WY Rock Springs, calls	970
1407	KVSR	97.9 SD Rapid City, religion	
1410	KAML	96.9 WY Gillette, Camel Gold Rock and Roll Radio	802
1420	KGWY	100.7 WY Gillette, Y100 contest local ads for Gillette, weather	802
1422	KIDX	98.5 MT Billings, local ads "Billings Hot 98 FM Magic 98"	968
1424	KOHZ	103.7 MT Billings, calls given	968
1430	KPSD	97.1 SD Faith, new ES STATE SEE NOTE #7	656
1433	KROE	94.9 WY Sheridan, The 94.9 Heat	881
1434	KKMK	93.9 SD Rapid City, Magic 93.9	690
1437	KSOY	95.1 SD Deadwood, K-Sky, the Black Hills Best Rock, Foreigner mx	720
1439	KIKK	101.3 MT Forsyth, calls, satellite k	899
1441	KGGG	100.3 SD Rapid City, local ads	690
1446	CIMG	94.1 SK Swift Current	1075
1448	KDZN	96.5 MT Glendive, Magic 96	838
1451	KDSR	101.1 ND Williston, The Basin's best country, the king of country KDSR"	833
1454	KYYY	92.9 ND Bismarck, Y93, ads	670
1458	KQSD	91.9 SD Lowry, South Dakota weather Alerts, separate legal ID	578
1505	KTYZt	92.7 MT Wolf Point CBK 96.9 SK Regina	966
1518	CHMX	92.1 SK Regina	966
1519	KHHT	97.1 ND Minot, K-Hit 97 forecast "66 in Minot", and mention of KXJB-TV"	752
1519	KBQQ	99.9 ND Minot All Regina FMs	966
1542	CKX	96.1 MB Brandon, ads, "Your 1st choice Belmont is KX96 FM" PROVINCE #8	791
1622	CBWY	92.7 MB Jackhead, MONO talk about Brazil conferece (which Bush turned into a joke), fading in with Channel 5, NO Brandon on 96.1, 4, or 5, so I will count this as CBWY and not CBWS Brandon (which is stereo)	855
<b>15 Es</b>			
2230		New Orleans tent, 89.9, 90.7, 93.3 WRBH 88.3 LA New Orleans	725
2254	WQUE	93.3 LA New Orleans, legal ID	725
<b>16 Es</b>			
0651	WCKW	92.3 LA LaPlace, "We're 92.3 WCKW New Orleans Classic Rock"	716
0655	WBSN	89.1 LA New Orleans, calls	725
0700	WQCK	92.7 LA Clinton, lgl ID	662
0710	KKQG	92.5 OK Oklahoma City, Formert Tr CLOSEST MACOMB E-SKIP	508
0705	KMRK	96.1 TX Odessa, calls	883
0712	WRBH	90.3 LA Baton Rouge, traffic, call	696
0718	WRKE	89.3 LA Baton Rouge, calls traffic, Baton Rouge weather	696
0737	KLYT	88.3 NM Albuquerque, car AD	949
0750	KRST	92.3 NM Albuquerque	949
0754	KKOB	93.3 NM Albuquerque	949
0800	KCRT	92.7 CO Trinidad, calls just barely heard, hasn't moved to 92.5 yet.	779
0805	KQNM	93.7 NM Gallup	1041
0807	KTDB	89.7 NM Gallup	1041
0816	KALQ	93.5 CO Alamosa, legal ID	842
0820	KRYT	107.9 CO Pueblo	760
	KNYN	95.5 NM Santa Fe	916

**JUNE 16 Es cont**

0827	KNMI	88.9 NM Farmington, legal ID, end program for kids, upbeat song intro	981
0830	K202??	88.3 NM Farmington, currently outside the KSUT studios" 88.3 on map, 91.7 in the list!	981
0833	KPCL	95.7 NM Farmington, legal ID after Focus on the Family	981
0835	KCME	88.1 CO Manitou Sps.	766
0839	KRDO	95.1 CO Colorado Springs	761
	KWYK	94.9 NM Farmington	981
0843	KKYY	98.3 CO Gunnison, dual ID with KPKE 1490 and KKYY	877
	KJOL	90.3 CO Grand Junction	954
0851	KGLX	99.1 NM Gallup	1041
0855	KVNA	97.5 AZ Flagstaff	1201
	KMGN	93.9 AZ Flagstaff	1201
0907	KXTC	99.9 NM Thoreau, k\$, "XTC"	1015
0920	KAFF	92.9 AZ Flagstaff	1201
0922	KQLS	93.1 KS Pratt, NOTE #8	474
0928	KNAU	88.7 AZ Flagstaff, legal ID	1201
1030	KNAI	88.3 AZ Phoenix	1278
1042	KPSN	96.9 AZ Phoenix, calls, Sunny97	1278
1049		Arizona on 92.3 and 93.3	
1836	CBK	96.9 SK Regina	966
1844	CIZZt	98.9 AB Red Deer CKUA-6 t 101.3 AB Red Deer	
<b>17 Super Tr!</b>			
0000	KLTY	94.1 TX Fort Worth	646
0008	KHMX	96.5 TX Houston	800
0034	KNUe	101.5 TX Tyler, calls hrd twice had to contend with congested frequency	616
0048	KRBE	104.1 TX Houston, calls, ads	800
0128	KEZA	107.9 AR Fayetteville	357
0138	KSCS	96.3 TX Fort Worth	646
0143	KLDE	94.5 TX Houston	800
0204	WRR	101.1 TX Dallas	646
0207	KBUS	101.9 TX Paris, calls after song	541
0240	KKYX	106.7 TX Terrel Hills, fading in spots, "here on KKYX", fade back in with promo calls a few times (nice catch!-gc) NOTE 9	877
0303	KPLT	107.7 TX Paris, soft rock, Star 107	541
0313	KISX	107.3 TX Whitehouse, East Texas best mix, Kiss 107.3 (tough thru KGRS @ 40mi)	623
0328	KWKH	94.5 TX Shreveport, c&w calls	575
0333	KDGE	94.5 TX Gainesville, spot for the Progressive Mix, "94.5 The Edge"	592
0340	KGMV	100.5 MO Aurora, "The new my Country 100.5 FM", promo, jingle	
0355	KRMD	101.1 LA Shreveport, "Arklatex" weather with semi legal ID	575
0400	KVTT	91.7 TX Dallas, legal ID	646
0400	KNON	89.3 TX Dallas, religious, celebrity basketball promo, ph# 823-2126	646
0404	KTYL	93.1 TX Tyler	
0406	KVKI	96.5 LA Shreveport, calls	575
0420	KRLW	106.3 AR Walnut Ridge, contest	303
0422	KCWD	96.1 AR Harrison, Still "97 Country"	320
0432	KOLL	94.9 AR Maumelle	410
0439	KXOZ	96.9 MO Mountain View, calls "playing the favorites of yesterday and today"	246
0443	KEYI	103.5 TX San Marcos, "my former Macomb Tr distance record"	838
0459	KTUX	98.9 TX Carthage, legal ID (a cool gold briefly faded up-KLTD?)	609
0531	KEFB	106.1 AR Fairfield, Weather for Central Arkansas, legal ID	346
0533	KWOZ	103.3 AR Mountain Home, k	326



FRANK MERRILL'S REPORT continues.

JUNE 17 tropo continued!	
0614	KWU 90.7 St.Louis off, 1st time ever!
0614	W214?? 90.7 IL, prayer, then weather on WIBI (is this Springfield?)
17 Es!	
1642	WFOS 88.7 VA Chesapeake, Tidewater area campus calendar (various) 820
1653	WHRV 89.5 VA Norfolk, CBC prog at 6:30, "here on WHRO" (88.3) 822
1750	WCPB 89.7 NC Raleigh, promo calls 728
1759	WSCI 89.3 SC Charleston, legals 795
	WRJA 88.1 SC Sumter
1812	WALA 93.3 GA St.marys, 93 A-one-A Jacksonville's rock & roll station. 844
1821	WMTX 95.7 FL Clearwater 973
1823	WDDQ 92.1 GA Adel 761
1827	WOLZ 95.3 FL Fort Myers 1081
One of the fastest moving Es clouds I've even seen, and it went in the "wrong" direction!	
18 Es	
0934	KFAI 88.3 AZ Phoenix 1278
18 Tr	
2255	WLHT 95.7 MI Grand Rapids "heard on low skip antenna only" 311
2300	WBHM 90.3 AL Birmingham, legal ID, AL temps, plenty of u/d during this time! 525
2312	WDLT 98.3 AL Chickasaw, calls, ad 685
2316	WUMG 105.3 FL Chattahoochee, "UMG" heard at tune in 749
2317	WILN 105.9 FL Panama City, Isle 106 764
2321	WZTZ 101.1 AL Elba, PSA: Coffee City voting, mention Enterprise and Elba 675
18 Es	
2345	KALL 94.1 UT Salt Lake, Cali-FM 1113
2350	KPCW 91.9 UT Park City, local talk about school stuff, calls mentioned 1094
2353	K201AE 88.1 UT Cedarville, KPCW calls 1087



NOTE 1 (17 May 0000/17 June 0614): It seems like I remember seeing references to this being Jacksonville instead of Springfield, and my 17 June logging on 90.7 confuses me more. Does anybody know what's going on? NOTE 2 (06 June 1959): This new translator had terrible audio, and much weather than the 90.5 (same site). It was only on for a few days, and now has been gone for over a month.

NOTE 3 (07 June 0000): I finished spending 2 days sorting a reconciling my DX totals with the new FM Atlas, something I've needed to do for a couple of years. I wasn't satisfied until my log "physical count", my Atlas "count" (both map & frequency) all tied out EXACTLY. Oh to have this in a computer! Finally, everything added up to 1,849. Other specifics sent to Fred Nordquist. Thankfully, I did it when I did! The incredible blitz of DX June 8 to 19 would have made the initial project that much more intimidating, and more difficult.

NOTE 4 (10 June 1900): I had to log something here-I feel confident that I chose the exact translator I was hearing, though there are 4 possibilities. KBUT 90.3 was not heard, so I doubt K202AR Crested Butte; KKXX 94.1 was in but all Grand Junction were gone so I doubt K202BI Parachute or K202BJ Rifle which are even farther north than KKXX. K202AQ is near Montrose and has a fairly clear horizon (i.e a lake) in my direction.

NOTE 5 (10 June 1908): Weather for Wasatch Front, Salt Lake City temp, into All Things Considered. This was not KBQA SLC because g stations do not carry ATC, instead this is KUER 90.1. As in note 4, there are four choices for KUER datums, and I had to log something. Orangeville more a "guess" than Note 4; it was merely the closest to the Es action (still more than 100 miles away), but near the near total lack of "regular" FMs in eastern Utah makes pinpointing more difficult. I should make some observations here (next page-gc)

19 Es	
0001	KISN 97.1 UT Salt Lake, legal ID 1113
0010	KIQN 95.5 UT Ogden, KJQ 1115
0012	KCPX 98.7 UT Salt Lake City 1113
0026	KCLR 90.7 ID Twin Falls, legal ID 1241
0028	KEZJ 95.7 ID Twin Falls, "here on Idaho's most famous k music station" 1241
0032	KSLV 95.3 CO Monte Vista 854
0036	KRAZ 96.9 NM Farmington, Star 97 981
0038	KWYK 94.9 NM Aztec 968
0040	KBER 101.1 UT Ogden, K-Bear 101 1115
0041	KKAT 101.9 UT Ogden 1115
0047	KTSC 89.5 CO Pueblo, calls, promo 760
0051	KKMG 98.9 CO Pueblo, Boardwalk U.S.A. in Colorado Springs, Magic 98.9 760
0057	KUSU 91.5 UT Logan, sign off xlr list 1106
0058	KFLQ 91.5 NM Albuquerque, news, etc. turned away to catch the below 949
0059	KRTZ 99.9 CO Cortez, legal after CW 987
0104	KBAC 98.1 NM Las Vegas, legal ID with Santa Fe and Albuquerque 860
0108	KILO 93.9 CO Colorado Springs 761
0111	KCCY 97.9 CO Pueblo, not on 96.9 yet 760
0122	KRCC 91.5 CO Colorado Springs, reggae called them, paralleled music over phone 761
0123	KUER 90.1 UT Salt Lake City 1113
0133	KKOR 94.5 NM Gallup 1041
0222	KADQ 94.3 ID Rexburg, calls 1107
0245	KJQN 95.5 UT Ogden 1115
0250	KYCS 95.1 WY Rock Springs 970
0257	KBSW 91.7 ID Twin Falls, legal ID with KBSU0259 KLIX 1241
	96.5 ID Twin Falls, 1241
	KQSW 96.5 WY Rock Springs 970
	"KLI....Rock Springs"
0304	KLCE 97.3 ID Blackfoot, calls, NBC nx 1132
0307	KZRT 102.9 ID Jerome, "Idaho's #1 hit sta Z103, we just keep going, and going..." 1107
0330!	KUPJ 99.1 ID Idaho Falls, here on Kewpee 99, NOTE 11
29 Tr	
0303	WGLM 106.7 IN W.Lafayette, "WGLM, our name says it all (it does?-fm), Greater Lafayette's music" (NOTE 12) 198
JULY 4 Es	
1842	XHPS t 93.3 VE Veracruz, very briefly
18 Es	
1949	KQIX 93.1 CO Grand Junction 954
"July Es DX really gone down the toilet!"	

FRANK MERRILL'S REPORT continues.

A. This shows how, under rare circumstances, the conscientious DX'er can make mistakes. If the station had faded out after the SLC temperature and before Corporate (?) Things Considered (hi), I would have probably logged it as KBQA! I don't believe I've logged any such red herrings, though. I remember an even stranger example in 1981 in Ohio, during simultaneous Tr and Es, when I was getting KDCR 88.5 IA announcing a program produced by "KTEP in El Paso" and the Es opening was to El Paso!, but the MUF was on and off FM. I can't remember if I actually heard KTEP on that date or not, also on 88.5!

B. Now that I've logged KPRNt and KUERT on 88.3, I will not be able to log any of their other 88.3's (such as the Rifle KRPn) unless I hear two distinct signals fighting. Audios could indeed differ during such an Es opening, as one site could be getting skip interference, etc. This does get interesting, indeed.

NOTE 6 (13 June 2100): I actually did not want to log this on Es, but there it was. I was nearly tempted to "toss it back in". Why? Cause I've considered this to be my most likely VA tropo catch, and when I get a new Tr state it's nice if the station is a new logging to, not just a new mode. Now it is likely WVTF 89.1 Roanoke. I am unlikely to have such a luxury with Tr to new states such as FL or CO, since I have logged most of the closer higher powered stations.

NOTE 7 (14 June 1430): No ID heard, merely talk about Faust and Wagner. Verified by phone call (SD was carrying this, but so was local WIUM 91.3). There are no other NPR stations on 97.1 (WLIC-MD is g) and this area was strongly in; I would have never counted this if it was on say 91.1

NOTE 8 (16 June 0922): Very strange propagation! I had assumed this as Es backscatter (though it was still three at 1038), it was very weak and extremely fady, like turbulent Es reception. After the big "blowout" (starting on UHF 6/16) to 6/19 (both Tr and Es stuff), this reception was immediately totally forgotten until right now, as I post DX data to my log. Since then I've become aware of similar unusual reception by Mike Hawk in Omaha, and I explained to him that I think he was having "his end" of the Tr duct tossed asunder by the turbulent weather occurring in that area. I can't really figure why my only sign of this was KGLS, except perhaps for the fact that the stations are so very sparse in that area. I am now calling this tropo.

NOTE 9 (17 June 0246): This is my undisputed personal Tr distance record. Formerly I had 3 personal Tr distance records, all clustered around 830-840 miles (one here, in Toledo, and Milan, Mich), and I never felt I knew my true record. Since this station is a "San Antonio" station, they cannot have their transmitter far enough NE of these to leave this in dispute. It also "couldn't happen on a nice freq.". ANYTHING besides WYLL-IL (a weak station itself) is either Es or "heavy duty" Tr reception

NOTE 10 (17 June 1642 & 1653): These 2 were heard on the car radio, on opposite sides of Monmouth, IL. I am 30 miles from there. I am still counting these, because their probable signals persisted (in and out) as I approached my 25 mile contour, and because both freqs are totally open in Macomb

NOTE 11 (19 June 0330): I believe this is the "deepest" into the middle of the night FM Es that I have ever experienced! I now need only the 0400's and 0500's to finish off my FM "skip clock".

NOTE 12 (29 June 0303): This, my 18th Tr on 106.7 (only 95.9 and 104.9 with 20 each, have more) gives me a total of 9,059 Tropo miles on 106.7. Has anybody else ever had this many Tr miles on one FM frequency? WKJR Sullivan, IL is still on 106.3; as far as I'm concerned they can take forever to move to 106.7!

What a strange season! Apparently, it "crashed and burned" just as summer officially arrived. This reminds me of the 1984 season, except that in 1984 I MISSED all the late May/early June ES because I was travelling to Newfoundland (great place!) That year there was also a lot of Es before late June and little after. The 1 May Tr was my first significant FM tropo logging in almost a year! There was that little Nebraska TV last August, but that was rather lame. Then there was January's WSTZ 106.7 MS (NO other apparent FM Tr), heard only due to the clear frequency. If the pace had kept up, 1992 would be my best DX season by far, but there's still time for good Es openings, and even more time for good Tr. Why has there been so much Tr to Texas? That's not supposed to happen this time of year! Texas Tr, I associate more with Sept. thru January. (We have been getting winter type weather in the northeast (fast moving low pressure tracks) maybe that is part of it-gc). Before 1992 I'm not sure I've ever had long haul Tr in a "more south than west" direction outside of the cooling off months. Tr to Oklahoma/Kansas seems to normally happen once every August in a massive opening. DXers plagued by locals and semi-locals (yeah, like there are some that aren't!) should note that my "low antenna" allows me to often get Es through stations 30-40 miles away, which is often difficult on the high antenna. I'm not convinced that this system seriously surpasses the "Bolin phasing system", though, and in fact the phasing is probably superior to my arrangement. I am certain it's better for getting Tr past locals, as Bill Nienajady and Ralph Strobel have proven. So, I hope to get a Bolin box before the year is out, and I'll finally be able to explore the true scientific limits of Macomb FM DX. But a point has been made here: if you cannot put up a tall FM antenna, or the 2 required for phasing, or if you must "hide" the antennas in the backyard, the resulting low antenna may give astonishing Es results. Totals now 1,963 from 47 states (need CA!, which has the most FM's of any state) I have 17 "duplications" (more than one type of propagation) 73

STATION NEWS: WSAE Spring Arbor, Mich is indeed on 106.9 now. WRRG 88.9 River Grove, Ill. is now dance music. WLRX 95.7 Nappanee, IN is AC and carries White Sox baseball. WKOT 96.5 in Marseilles, Ill. is on with satellite oldies, same feed now as co-owned WKBM 100.7 Coal City. Up in the Milwaukee area, WKKV 100.7 is quite urban "hit-dance" now, and WLUM is moving back in that direction. Thanks Mark Strickert for station updates. W238AB 95.5 in Rochester is on the air with a substantial signal (48 watts); it gets out well, so check for it. They translate WROI 95.1 "Rocket 95", soft album

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

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 36 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax.

New loggings are underlined. New call {KKKK}.

New propagation mode WWWW.

JUNE 1992 DX

30 tropo & scatter  
0143 WZOO 102.5 OH Edgewood, "102-ZOO"  
, r5\$ 137

0150{WIOG} 102.5 MI Bay City, r5\$  
ex WGER 273

0200WOLC 102.5 MD Princess Anne,  
WMJG Buffalo off the air 362

JULY 1992 DX

1 tropo  
0800WNYR 98.5 NY Waterloo, m5\$  
under WKSE Niagara Falls 84

3 Groundwave  
1800 WZ38AB 95.5 NY Rochester, \$  
ex 105.5, WRQI 95.1 49

7 E-skip & backscatter

2018 KTTX 106.1 TX Brenham, "K-Tex-106"  
k5 1323

2033 KKYX 106.7 TX Terrell Hills, "Classic  
Country", k5 1459

2045 KUEZ 99.3 TX Lufkin, r5\$ 1194

2105 WVXU 91.7 OH Cincinnati, ID, j5 408

12 E-skip

0910 KUAD 99.1 CO Windsor, "K-99"  
lcl adds, k5 1356

18 E-skip

1900 KMCM 92.5 MT Miles City, ID, r5 1363  
over WBEE Rochester

Little going on in this reporting period. No distant tropo but still some skip. Dave

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

Equipment: Technics ST-8080 tuner IF filter modified. Antennacraft FM-10 at 20 feet, RG-6 coax and Radio Shack rotor.

New loggings are underlined. New call {KKKK}.

New propagation mode WWWWW.

JULY 1992 DX

10 Meteorscatter  
1033 WQJK 99.1 FL Jacksonville, contest  
promo with Ch. 17, \$ 827

25 tropo  
2005 CF LZ 91.9 ON Niagara Falls, ID  
Visitors Information Radio 81

JULY 1992 DX

26 tropo & scatter  
0800 WVSB 94.7 ?? ???????,  
0903 WHLX 105.5 WV Bethlehem, "Easy-105.5  
-FM", b5 179

Put the FM antenna up on a 20 foot guyed mast but haven't had much time to play around with it. Dave

JOEL ROSENBERG - 14 GLENAYR RD - RICHMOND HILL, ONTARIO L4B 2W3

(416) 884-8454, Equipment: Marantz 125 tuner, 6 element yagi at 50 feet

APRIL 1992 DX

15 Tr  
2033 WBTF 101.7 NY Attica (Joel this is what  
you had, GENESSEE Country Lite 101.7-gc)

2114 WMAX 106.7 NY Irondequoit, weaker  
than most Rochester stations

MAY 1992 DX

13 GW  
0730 CIRV 88.9 ON Toronto, several days  
operating off frequency

21 Tr

0820 CKRZ 100.3 ON Oshweken, FM 100.3  
heard in car, but not heard since at home:  
WZPR in Meadville is too strong

22 Tr

0735 WSFW 99.3 NY Seneca Falls, Finger Lks

JUNE 1992 DX

17 Es  
1711 KWFC 89.1 MO Springfield, religious  
1713 KLPI 89.1 LA Ruston

1718 CFMU 93.3 ON Hamilton (relog)  
1721 KMAG 99.1 AR Fort Smith

1729 KUAR t 89.1 AR Little Tock, All Things  
Considered, Arkansas weather

1811 KUEZ 99.3 TX Lufkin  
1812 KTUX 98.9 TX Carthage, Tux 99

1813 KODA 99.1 TX Houston

JULY 15 Tr/GW

0820 CF LZ 91.9 ON Niagara Falls, heard in  
car, some fading, lader at home steady, "See  
Falls" Niagara Parks Commission tourism info

Was this a poor year for skip or did it all happen mid-day (No, it was probably the worst year I have had for skip, and many others have said the same thing-gc). Not much heard in evenings? Maybe we need a W.NY - S.Ont phone cascade. 73's Joel

REPORT TO THE VUD

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX11 (modified IF) and ten element Finco antenna @ 30' agl

MAY 1992 DX

26 Es

1940 WCTQ 92.1 FL Venice, k

1952 WQYK 99.5 FL St.Petersburg

1954 WQLM 92.9 FL Punta Gorda

2000 WYFO 91.9 FL Lakeland, g

2013 WMMO 98.9 FL Orlando

JUNE 1992 DX

3 Es

2126 WJXN 92.9 MS Utica, Jackson 96ers BB

5 Es

1238 WTUG 92.9 AL Tuscaloosa, Power 93

1241 WQSB 105.1 AL Albertville, k

1245 WZYP 104.3 AL Athens

1254 WAXM 93.5 VA Big Stone Gap, 93X

1310 KIPR 92.3 AR Pine Bluff, Power 92

1319 KMEC 92.1 MO Centralia, g

9 GW

0800 Open carrier on 97.3 and in \$, and very strong.

It must be Litchfield.

10 Es

2021 WSTR 94.1 GA Smyrna

2023 WOKK 97.1 MS Meridian, 97-OKK

2031 WUAL 91.5 AL Tuscaloosa

2035 WSYE 93.3 MS Houston, Sunny 93

2037 WXTT 98.1 AL Fayette

13 Es

1941 WN6S 92.1 FL W Palm Beach, Wings 92-1

1943 WCMQ 92.3 FL Hialeah, Spanish

1944 WQBA 107.5 FL Miami, Spanish

1946 WHOT 105.1 FL Coral Gables

1947 WEAT 104.3 FL West Palm Beach

1948 WWUS 104.7 FL Big Pine Key, US1 Radio

1951 WZTA 94.9 FL Miami Beach

2120 WCTQ 92.1 FL Venice

2122 KRRM 105.3 TX Dallas, Young Country FM105

(Mike, note the call letter change-gc)

2125 W00F 99.7 AL Bothan

2137 WKRY 93.5 FL Key West, Key 93, best music

in the keys.

2139 KLTY 94.1 TX Fort Worth

2141 WQBA 92.9 FL Punta Gorda (?-gc)

Notes: Here it is July 10th and Es has just about been zero since June 17th. Is this correct, or am I just not checking enough? (No you are right, it has been a very poor year for skip, and trop in some areas-gc). Even tropo has been way down and the weather has been nuts...cool, lots of rain/thunderstorms and low pressure areas. People are blaming the volcano on this stuff. Sounds good to me. My Carver tuner is back in use again. Only took about 10 days at an authorized service shop, but this time I put the original filters back in before giving it to them. So, if you are one of those who have modified the filters in your set, hang on to the originals just in case your rx dies and save yourself mucho grief.

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0

Equipment: same. Also using Channel Master rabbit ears with 6-position capacitor for nulling. = mobile logging

APRIL 1992 DX

1 Tr

0559 KMBI 107.9 WA, ID, relig 299

0600 KKPL 96.1 WA, Lite 96, ID\$ 299

0617 KKHD 89.1 OR, Morning edition\$ 236

JUNE 17 Es

1822 KBEZ 92.9 OK Tulsa

1828 KTLS 93.3 OK Ada

1817 KMMY 97.1 OK Muskogee, Y-97, k

17 Tr

2015 CFCA 105.3 ON Kitchener, MASE Radio

network

A net with other stations? (Dunno, I have never heard of that before-gc)

2023 CKGL 96.7 ON Kitchener, rock and K6-96, must be them (Sorry, they do not use that slogan, and are country. I wonder who this could be, someone new on the air maybe?-gc)

2045 WDHL 100.3 NY Delhi, rock

2051 WRQI 95.1 NY S.Bristol, ID with Rochester

2230 WZBG 97.3 CT Litchfield, testing with stereo

soft rock. Very strong. Began normal broad-casting over 4th of July. CBS nx on the hour

18 Tr

0651 WARM 103.3 PA York, Warm 103

0657 WQXA 105.7 PA York, Power 105 70708

WWMX 106.5 MD Baltimore, Mix 106.5, no

problem from the Ledyard station

0718 WXYV 102.7 MD Baltimore, V-103

0722 WDAC 94.5 PA Lancaster, weather

0741 WQSR 105.7 MD Catonsville

JULY 1992

4 Es

1950 WVJF 93.3 GA Manchester, Joy-FM

1952 WBLX 92.9 AL Mobile

12 Es

2012 Barely to FM (and very weak on TV) but did see an ID slide from TX on Ch4. Checked FM, almost nothing but did hear and tape Spanish music for about 20 seconds on 93.3! I'll bet my dog it's Mexico again but this time I'll never know. Just music with a girl singing in Spanish. (Hate to disappoint you, Mike, but Port Arthur, Tex. on 93.3 is now Spanish, KLTN "Radio Latino" I believe the slogan is. Could've been them if you were getting Texas on TV-gc)



MIKE CHERRY'S REPORT continues.

## MAY 1992 DX

4 Tr			
1938	KSKD	107.1 OR, local ad, m	324
1953	KHPE	107.9 OR, K-Happy. g mx	320
23 Es			
1057	KYDZT	90.1 WY, could only ID "DZ" tentative	
1059	KKLX	96.1 WY, wx, ID\$	
1100	KCTR	102.9 MT, Billings best k	735
1103	KSLT	107.3 SD, gr with DJ, \$	
1104	KDPR	89.9 ND, end NPR, n\$	964
1113	KMPR	88.9 ND // 89.9, wx, c\$ mx	1012
28 MS			
0626	KBSU	90.3 ID, "BSU" over KMSUI	499

## JUNE 1992 DX

13 Es			
1251	KEPC	89.7 CO funk, ID, ph#	1157
1256	KRYT	107.9 CO K-Rite, wx\$	1187
14 Es			
1008	KLON	88.1 CA, blues, ID, promo\$	
19 TrS			
0629	KBOO	90.7 OR, high school sports scores, ID over semi-local KBER, 5 min.	236
27 Tr=Vancouver, BC			
2000	KLCC	89.7 OR, ID, jazz\$	379
2008	K201??	88.1 WA, xtr of KPLU, very weak, 10 watts!	101
2010-2200		relogs North Central Oregon.	

Not DXing FM very much anymore. I'm concentrating on 6 meters and 45-75 Mhz TV DX mostly. Most of my FM DX is done while away from home. The few openings caught from home have been while checking the MUF. Nice to have a little Es on FM - this year has been slightly better than average for Es - certainly better than last year (I am glad skip was good somewhere at least-gc). Hope everyone got some new ones on FM this summer. 73\$, Mike VE7SKA

STEPHEN WEST - 26 DOUGHERTY BLVD G8 - GLEN MILLS, PENNSYLVANIA 19342  
N3FYO, (215) 358-2648

## MAY 1992 DX

20 Tr			
0720	WZZU	93.9 NC Burlington	
	WZNS	92.9 SC Dillon	
	WQOK	97.5 VA South Boston-Raleigh	
	WOBR	95.3 NC Wanchese	
22 GW			
1700	WHHS	107.9 PA Havertown, new freq. from 89.3	

## JUNE 1992 DX

7 Tr			
0230	WOBR	95.3 NC Wanchese FROM KILL DEVIL HILLS, NC	
1000	RJR	90.5 Jamaica	
1000	KTEP	88.5 TX El Paso (1760)	
	KEOM	88.5 TX Mesquite	
	KNTU	88.1 TX Denton-Dallas	
	KERA	90.1 TX Dallas FROM GLEN MILLS, PA	
17 Tr			
0300	WOBR	95.3 PA Wanchese	

Installed an FM car signal amplifier and overload reducer to the SA-222 stereo in the car. Works great even in Metro areas. The Radio Shack FM auto amplifier is worthless. Antenna specialist and Winegard auto FM amps work well. Installed a Heathkit crystal filter (not ceramic) from an old AR-15 super-tuner to the Technics SA222. It had the same loss as the ceramic ones in the SA22, was about as sharp as a 180. The audio quality was a little better with the Heath crystal filter. The ceramic filters 150s I ordered have a small "D" on bottom, some have "F". The "F" ones are sharper than the "D"s.

SAUL CHERNOS - 79 RIDGE DRIVE - TORONTO, ONT. M4T 1B6 (TEMPORARY)

## JULY 1992 DX

2 Tr (east Toronto/Scarborough bluffs)			
0946	WNJA	89.7 NY Jamestown	
0947	CELZ	91.9 ON Niagara Falls	
0947	CFMO	93.9 ON Ottawa	
0953	WSFW	99.3 NY Seneca Falls	
1038	WMAX	106.7 NY Irondequoit	
1055	WCIH	88.5 NY Spencer, g // 90.3	
1055	WCIH	90.3 NY Elmira, g // 88.5	
1057	WNYO	88.9 NY Oswego	
1058	WKPQ	105.3 NY Hamell	
1108	WCPN	90.3 OH Cleveland	
1109	WGCC	90.7 NY Batavia, pr, 90.7	
1126	WNNR	103.5 NY Sodas	
1135	WAAL	99.1 NY Binghamton	
1139	WNTQ	93.1 NY Syracuse, 93Q	

## JULY 2nd trap cont.

1140	WZOS	96.7 NY Oswego	
1141	WGES	105.5 NY Oswego	
1144	WPCX	106.9 NY Auburn	
1147	WQNY	103.7 NY Ithaca, Q104	
1148	WKGW	104.3 NY Utica, KG104	
1148	WICB	91.7 NY Ithaca	
1150	WSQG	90.9 NY Ithaca	
1152	WLZW	98.7 NY Utica	
1159	WACZ	93.9 NY Danville, Genessee Vly.	
1211	WJSL	90.3 NY Houghton, g not // 88.5	
1227	WQXK	105.1 OH Salem	
6 Es/Tr (central Toronto, east Toronto)			
1445	Es on 90.7, 90.5, 99.1, etc		
1455	WCPN	90.3 OH Cleveland	
1500	CKRZ	100.3 ON Oshweken	

SAUL CHERNOS' report continued.

## July 6th Tr continued

1500	C....	91.9 ON Toronto, see notes	
1649	WKAR	90.5 MI East Lansing	
6 Es (Peterborough)			
2026	KPLV	93.3 TX Port Lavaca, Country 93	
2028	KITT	93.7 LA Shreveport	
6 Tr (Burnt River)			
2300	WKLQ	94.5 MI Holland, "KLQ"	
9 Tr (Burnt River)			
0728	WRVJ	91.7 NY Watertown	
9 Es (Peterborough/BR)			
1014	WMNF	88.5 FL Tampa (P)	
1040	WNFB	94.3 FL Lake City, B94, (BR)	
9 MS (BR)			
1038	CKMF	94.3 PQ Montreal, FF "Montreal."	

## JUNE 16 Tr (BR/P)

2145	WCIH	90.3 NY Elmira, g // 88.5 (BR)	
2250	WOKO	98.9 VT Burlington (P)	
17 Tr (Toronto)			
1730	C...	91.9 ON Toronto (central TO)	
2023	.....	91.7 ON Scarborough (see note)	
2029	WKQI	95.5 MI Detroit, Q95 (ne TO)	
18 Tr (Bluffs/central TO)			
0030	WYTN	91.7 OH Youngstown, g (bluffs)	
0104	WJMO	92.3 OH Cleveland, Jammin 92	
0125	WRKT	100.9 PA North East, Rocket 101	
0857	WMCE	88.5 PA Erie, jm (central TO)	
0905	WCTL	106.3 PA Union City, g, Life 106.3	

**WFMS FM**  
95.5  
in County Main

An early start to the Es season and a really early end. 1992 ranks as the most bizarre year I've had since I started DXing in 1975. July had 5 minute openings on TV2 - real short stuff like August. And there's been no long haul tropo. The weather has been weird - not one heat wave. The 91.7 was at Warden Ave and Bridletown Circle in Scarborough and IDEs as York Condominium Corporation (YCC) 129 and gave info about swimming pool and other condo features. I was in a parking lot waiting for a friend. Do we count these under WTFDA statistics guidelines? (I think you can count them Saul, but I am not positive. Anybody know?-gc). CFLZ is a new Travellers Information Station on 91.9. I can get as far away as 30 minutes car ride from Lindsay-Peterborough, but I can't yet pull in at Burnt River on rotor, even though it's a good direction. I haven't tried much yet, though. The two 91.9 Toronto stations are likely the same thing - the annual Molson Indy car race station - with the first logging probably a test. It had lame mono music. The Es gods stuck it to me good July 6, 8, and 9. I get a second Es opening June 6 when I am back in Peterborough River (thanks for your earlier call, Greg C.) and I hustle into the car and head for BR. Five minutes later, it's shot from TV2 to FM. I get a couple loggings, and it's gone completely by the time I get to BE, an hours drive away. On July 8 I have no sign of anything on TV at 0930, so I head home. Sure enough, I hear talk on 88.5 about the CIA running drugs to finance its covert warfare operations in central America and an ID as WMNF Tampa. I do a U-turn and manage to snag WNFB inside BR territory. I also logged CKMF in a valley on a real clear burst; CKMF was in very weak on Tr at higher elevations! On July 9 I get MB on 2, so I head to BR area but nothing happens for hours. Nothing on TV when I return. Maybe there's still time for late season Es and some decent long-haul. With no full time or serious freelance prospects in Peterborough, I'm planning to move to Toronto, media capital of Canada, on Sept. 1. I think I'll be living downtown but will use my parents' address for mail until I am settled down. 73's - Saul

JIM RENFREW - 61 WILCOX ST - ROCHESTER, NEW YORK 14607

(716) 461-2717 Home, (716) 494-1847 (work Tu & Th), JVC auto radio. Mileage: Fred's printouts, EDT

## JUNE 1992 DX

25 GW			
1050	W238AB	95.5 NY Rochester, WRQI 95.1 xtr, replaces 105.5 translator. Strong, probably 10 watts (I think they are 48 watts, Jim-gc). It carries much better to my primary listening post in Bergen than the 105.5 ever did (damn!). Statn receptionist says they put it in to cover the Pinnacle Hill area of Rochester (the FM/TV ant farm clearly visible from my front porch) where WRQI reception is usually destroyed by overlog from other locals. After losing one prime DX freq. imagine how shocked I was to find WRQI on a third channel on July 9-105.9. Flat sound, but strong. Same receptionist said they were doing work on the transmitter in South Bristol. Quite a spur, 45 miles away! Now gone 10	

## JULY 1992 DX

7 Es (At least 107.3)			
1411	WZBA	104.9 MS Moss Point, Big Cntry	1066
1412	WGUD	105.9 MS Pascagoula, Good 106	1069
1415	WMBV	91.9 AL Dixons Mills, religion, ID and weather address given. STATE 20	947

## JULY 7 Es continued

1417	WABB	97.5 AL Mobile, calls, rock, ID	1037
1420	WMAU	88.9 MS Bude, PRM anncment	1087
1424	WYDH	105.9 AL Atmore, "best hits Y-105, WYDH"	998
1429	WSSY	97.5 AL Talladega, "Sunny 97" in for just a moment over WABB, 910 watts!	814
13 Ms-Tr			
0442	WTQR	104.1 NC Winston-Salem, seemed to be MS (I'm still trying to figure how MS is different from TrS. I'm calling this MS because there was no other sign of them before or after. STATE 21 (It does sound like this was a MS burst-gc)	506
0500	WCID	89.1 NY Friendship Family Life	70
0717	CITE	107.3 PQ Montreal, anncr in FF no ID, u/WRCK, WDBA, WNWV.	258
15 Tr (Es 1107-1130 EDT, MUF 3)			
2212	CELZ	91.9 ON Niagara Falls, "Visitors and Information Radio Service" tape loop. Anybody know the power? (Thanks to tip from Dave Nieman) (Note the calls, Jim-gc)	75

BOB ZENT - 1835 FRUIT ST. - HUNTINGTON, INDIANA 46750

<u>MAY 1992 DX</u>		
<u>8 Es</u>		
1031 KHQY	88.1 TX Laredo, calls, Spanish	1225
<u>12 Es</u>		
1150 KXTX	88.1 TX Lubbock, local wx	1030
1200 KMSI	88.1 OK Moore, g, ID	740
<u>JUNE 1992 DX</u>		
<u>2 Es</u>		
1226 KWKH	94.5 LA Shreveport, contest call	735
<u>6 Tr</u>		
0059 WIXY	100.3 IL Champaign-Urbana, k ID, new on the air	155
<u>7 Tr</u>		
2325 WTKC	91.1 IL Kankakee, ID, continuous tape loop	125
<u>13 Es</u>		
2100 KRVN	93.1 NE Lexington, m, ID	740
2108 KHIIH	94.7 CO Boulder, calls, j	1030
2115 KNEB	94.1 NE Scottsbluff, k, calls	940
2140 KKUL	95.5 MT Billings, call, lcl ad	1180
2200 KNYN	95.5 NM Santa Fe, k, ID	1160
2201 KMCM	92.5 MT Miles City, r, ID	1070
2230 KZLS	97.1 MT Billings, r, ad, calls	1180
2259 KEMC	91.7 MT Billings, j, ID	1180
2334 KROE	94.9 WY Sheridan, calls	1100
<u>16 GW</u>		
0002 WGLM	106.7 IN Lafayette, r, ID new on the air	78

<u>JUNE 18 Tr</u>		
0250 WYMG	100.5 IL Jacksonville-Springfield r, WWKl off the air	250
<u>19 Es</u>		
0101 KONM	93.7 NM Gallup, r, sign off	1310
0103 KKOR	94.5 NM Gallup, o, calls	1310
0106 KGLX	99.1 NM Gallup, k, calls	1310
<u>22 GW</u>		
0000 WIRN	98.1 IN Earl Park, sign off, gave station address as Oxford, IN, or WDFM	103
<u>28 Tr</u>		
0300 WOTL	90.3 OH Toledo, g, ID, WBCL off	110
0336 WUTC	88.1 TN Chattanooga, c	400
0400 WMBW	88.9 TN Chattanooga, g, ID	400
1122 WIKK	103.5 IL Newton, r, calls, (new)	180
1150 WMSI	102.9 MS Jackson, k, ID	600
<u>29 Tr</u>		
0202 KJMS	101.1 TN Memphis, s, ID, K-Jams	460
0401 WYQC	102.9 TN Shelbyville, k, ID	370
<u>30 Tr</u>		
0200 WKED	103.7 KY Frankfort, r, ID new	190
<u>JULY 1992 DX</u>		
<u>7 Es</u>		
1120 KLUX	89.5 TX Robstown, b, PSA, call	1150
1124 KXQC	96.9 TX El Campo, k, ads, call	1010
1200 KLDN	88.9 TX Lufkin, c, ID	840



It's been quite a long time since I last reported to this column. I've been somewhat lax about keeping my log up to date but, hopefully, I will find more time to do so now. 1992 has, so far, been quite a productive year for DX here. FM skip has been good. Was in well past midnight on one occasion. Add to that another nice tropo opening into the deep south. On the down side, however, six new semi-locals have come on the air since the first of this year, with more on the way. Oh well, I suppose I shouldn't complain. For the past couple years I've been using a Phillips model 673 FM tuner. This is a tuner from the late 1970's, which I later modified with the McVey IF amplifier board (see November 1990 VUD). Earlier this year, I purchased a new Onkyo T-9090II. Both tuners are connected, thru a good quality antenna switch, to a Channel Master FM antenna at 45' AGL. I have not tried to do any modifications to the Onkyo because it is under warranty. My impressions of the two are as follows: The Phillips seems to have a very slight edge in sensitivity. Although weak signals can be heard with either tuner, the audio is a little more intelligible on the Philips. This is with very weak troposcatter. The Onkyo, in the super narrow IF mode, may have a slight edge in selectivity. Although the Philips is an analog tuner and can be tuned slightly off frequency for better adjacent channel reception. So it's really a close call. The Onkyo tunes in discrete 25kHz steps, and one step up or down seems to be a little too far off center of channel to get really usable audio from extremely weak stations. On the other end of the scale, the Onkyo doesn't overload as badly as the Philips with very strong signals. And for critical listening the Onkyo has much better audio, especially in the wide IF mode. I can't tell any difference between the two as far as capture effect. My main complaint about the Onkyo is that it takes too much time to step up or down thru the frequencies. For example, to get from 101.1 to 101.3 one must tune thru eight different steps. Of course, tuning accuracy is far better than one could get with an analog tuner. In summary I would say both the T9090II and the modified Philips are good DX machines, but I find myself reaching for the Philips a little more frequently during a hot DX opening. So far I haven't tried any kind of antenna phasing system here, mainly because I haven't room to put up another FM antenna. However, I have seen what phasing can do, and am very impressed with the system that Ralph Strobel had installed at his location in Muncie, IN. Hopefully I will find a way to get something going here. FM total is 1291. 73s, Bob

ROGER WINSOR - 706 LONGRUN - VALPARAISO, INDIANA 46383 (219) 759-3131

A trip through Wisconsin to Bruce Elving's house has been the highlight of this summer. I bought a used Olds 98 and we went for the cruise. Many changes in Wisconsin, here they are:

- 7/18 WMMM 105.5 is AOR classics, Verona-Madison, WISC
  - WDDC 100.1 Portage, WI is now Mix 100, ex FM100
- (MORE STATION NEWS FROM ROGER ON THE NEXT PAGE!)

ROGER WINSOR'S report continues

7/18	WZFR	94.5 Tomah, WI automated oldies, a 2 minute dead air spot in between commercials, poor signal in town
	WBOG	96.1 Tomah, WI on in \$ with oldies
	WISM	98.1 Altoona, WI is classic rock
	WECL	92.9 Elk Mound, WI nonID is Lite-FM 92-9
	WQRB	95.1 Bloomer, WI exWPHO, is cw strict, non-ID is B95
		IDs with Chippewa Falls/Eau Claire, is \$
	WXMJ	106.3 Spooner, WI is not on air at all
	WIMEQ	92.1 Menominee, WI on with pwr increase, oldies in \$
	WRLS	92.3 Hayward, WI now here ex 92.1. This is getting to be a crowded northern Wisconsin channel!
7/20	WELY	92.1 Ely, MN, in \$ at Bruce's with oldies, non nonID, 24 hrs
	WL0L	105.3 Cambridge, MN, noted ex 105.5 in \$ with AC
	WBJI	98.3 Blackduck, MN noted in \$ with Oldies 98 nonID, not strict
	KXRA	92.3 Alexandria, MN is \$ with KX92, nonID with AC
	WRLK	96.5 Cloquet, MN, is now \$ oldies //AM, (no non!), a real powerhouse out about 100 miles, but couldn't be heard in downtown Duluth!
7/22		travelling through upper WI towards Appleton WI
	100.9	WXPR translator in Ironwood, MI not on
	103.1	WWIB " " " "
	93.5	WRVM " " Rhinelander, WI not on
	92.1	WRVM " " Merrill " "
	95.3	WRVM " " Appleton " "
	93.5	WWIB " " Wisconsin Rapids " " WOZZ on 50kw now
	92.3	WOSX Spencer, WI here now, ex 92.1, in \$ with oldies
	92.3	WFCL Clintonville, WI here ex 92.1 in \$ with cw, Q92
	96.5	WOMA Algona, still on 96.5, fighting WKLH south and nail
	107.5	WEZR Brillion, WI not on yet
	98.7	WMVM Mayville, WI not on yet
	106.7	WFDL Lomira, not on yet
	95.9	WJLW DePere, on cw\$, no nonID heard, uses calls

That's it. The trip was great and through it all we did listen to stations for extended periods of time. KTCZ 97.1 is my favorite Twin Cities station. One last item: WJFM 93.7 MI is now cw using a B-93 nonID and I have yet to hear a call letter given! (The calls are WBCT I guess-gc). Goodbye to a good AOR station I listened to a lot. WKQX 101.1 Chicago is now AOR bucking against XRT and The Loop, still Q101, Chicago's Rock Alternative. 73 Rog

DAN OETTING - 22 CARRIAGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: HK Citation 23, Yamaha T70, Archer 20db booster & rascally rabbit ears

<u>JUNE 1992 DX</u>	
<u>1 Tr</u>	
0006 WSKR	102.7 NJ Petersburg, All Sports Radio
<u>4 Tr</u>	
0927 WYJN	105.9 DE Lewes, k, Kicks 106, new
<u>5 Es</u>	
1033 ZBM	89.1 BER Hamilton, ID, rm
1047 Es off FM	
<u>14-19 from Bridgeton, BARBADOS</u>	
98.1 Liberty FM, mostly reggae with some r&b ballads.	
104.1 Yes-FM and "Yes Ten Four", mostly American a/c artists (Mariah Carey, Whitney Houston, Wilson Phillips, etc), along with some Motown, reggae, on occasion	
??	BBS-FM
104.7 one restaurant had a poppish request program on its speakers, but only IDed as 104.7 FM, this is not from Barbados?	
??	Voice of Barbados

<u>JULY 1992 DX</u>	
<u>3 Tr</u>	
0930 WSFL	106.5 NC New Bern, ID
0935 WMYA	96.1 VA Cape Charles, Touch 96, local mentions
<u>21 Tr</u>	
0745 W214AL	90.7 PA Denver, WRTI ID 28 Es
1020 Es starts on FM	
1030 KEZO	92.3 NE Omaha, rp, 292
1042 KSAJ	98.5 KS Abilene, o, ads, Oldies 98.5
1045 KTGL	92.9 NE Beatrice, rp, The Eagle
1054 KXCV	90.5 MO Marysville, ID
1055 KYNQ	90.7 NE Omaha, c, ID
1059 KIOS	91.5 NE Omaha, t, ID
1100 KHNE	89.1 NE Hastings, NPR, ID
1106 KNCY	97.7 NE Nebraska City, ads
1128 CBA	95.5 NB Ploncton, c
1128 CBD	91.3 NB Saint John, CBC mono, PEI rx
1148 CKLE t	92.9 NB Bathurst, French pop
1149 Es off FM, PQ and NB on TV tl 1330	



Wow! What an incredibly boring summer. At least DX-wise. Getting married on June 13th and a honeymoon to Barbados was exciting though (congrats-gc). My wife loves it when I get a DX phone tip at 6:30 in the morning. Then I explain to her that SC is coming in on FM and she says "That's nice" and rolls over and goes back to sleep while I check out the tropo. No, I didn't DX on our honeymoon. I did observe what stations cab drivers were listening to though. Details in a bit. I don't know whether all the E-skipps happen while I was working, but according to my records, there was absolutely NO e-skip from 6/9 to 7/28. Not even on TV. (There were a few openings, but not that many. It has been a poor season in the northeast-gc). This is extremely unusual. Were all the openings during the day? Nice skip on 7/28 from Canada to lighten things up. 'Tis all for now, Dan O.



WELCOME NEW REPORTER!



ALAN R. MILLMAKER - 2714 LAKE RD - CENTRALIA, ILLINOIS 62801 (KA9GUL)

Equipment: Realistic STAV-3200, (?-gc) 3030, Winegard CH6065 up 20 feet, Armstrong rotor, realistic 0-20db amplifier. All stations are new.

JULY 1992

- 9 Tr
- 0006 WDDD 107.3 IL Marion
- 0024 WUEZ 103.5 IL Christopher
- 1400 WKQB 106.5 IL Granite City
- 10 Tr
- 0206 WIBI 91.1 IL Carlinville
- 0214 WIL 92.3 MO St.Louis
- 0500 WSEI 92.9 IL Olney
- 0502 KSHE 94.7 MO Crestwood
- 0504 KSD 93.7 MO St.Louis
- 0518 KHTK 97.1 MO Florissant
- 0601 WGEL 101.7 IL Greenville
- 1201 KLOU 103.3 MO St.Louis
- 1402 KYKY 98.1 MO St.Louis
- 1426 WMIX 94.1 IL Mount Vernon
- 1436 WJBD 100.1 IL Salem
- 1444 WRXX 95.3 IL Centralia
- 1500 KFUE 99.1 MO Clayton
- 1600 WFXB 101.1 IL E.St.Louis
- 1602 KEZK 102.5 MO St.Louis
- 1956 KGMO 100.7 MO Cape Girardeau
- 1901 KEZS 102.9 MO Cape Girardeau
- 1907 WCIL 101.5 IL Carbondale
- 2000 KTJJ 98.5 MO Farmington
- 2103 WFRX 97.7 IL West Frankfort
- 2201 WWYN 106.9 TN McKenzie
- 2300 WQRL 106.3 IL Benton
- 2302 WTAA 105.1 IL Murphysboro
- 2339 WEZS 95.1 IL Benton
- 11 Tr
- 0128 WYNG 105.3 IN Evansville
- 0143 WRUL 97.3 IL Carmi
- 0154 WSTO 96.1 KY Owensville
- 0200 WOOZ 99.9 IL Harrisburg
- 0632 WKDQ 99.5 KY Henderson
- 0658 KRJY 96.3 MO St.Louis
- 0717 WCBW 104.9 IL Columbia
- 1300 WDQN 95.9 IL DeQuoin
- 1501 KMJM 107.7 MO St.Louis

JULY 12 Tr

- 0025 WFMB 104.5 IL Springfield
- 0031 WDBR 103.7 IL Springfield
- 0059 WNNS 98.7 IL Springfield
- 0200 WCRC 95.7 IL Effingham
- 0547 KTXV 106.9 MO Jefferson City
- 0555 KZNN 105.3 MO Rolla
- 0656 WBFG 97.7 IL Effingham
- 2359 KATZ 100.3 MO Alton
- 13 Tr
- 0500 WKRK 107.1 IL Vandalia
- 0513 WHMS 97.5 IL Champaign
- 0524 WLRW 94.5 IL Champaign
- 0600 WLBH 96.9 IL Mattoon
- 0627 KGRC 92.9 MO Hannibal
- 2251 WVJC 89.1 IL Mt.Carmel
- 2357 KJEZ 95.5 MO Poplar Bluff 14 Tr
- 0123 WDDJ 96.9 KY Paducah
- 0142 WKYQ 93.3 KY Paducah
- 2212 WBVN 104.5 IL Carriers Mills
- 2322 KCLR 94.5 MO Poplar Bluff
- 15 Tr
- 0101 KAHR 96.7 MO Poplar Bluff
- 0600 WQTY 93.3 IN Linton
- 1853 WIKK 103.5 IL Newton
- 2244 WAKO 103.1 IL Lawrenceville
- 2248 WIAI 99.1 IL Danville
- 2259 WZZQ 107.5 IN Terre Haute
- 2324 WMGI 100.7 IN Terre Haute
- 16 Tr
- 2300 WXKO 100.9 IL Pana



I started all over on my DXing. I have more, but my new Atlas hasn't arrived yet, and I have over half a dozen that are unID. There is a frequency here that is ruined. WRXX Centralia, 95.3, 3 kw they leave their transmitter on from 9PM to 6AM with no audio. This should be a violation. WBVN was on 7/14/92 on 104.5 with Christian programming. They were asking for donations to be sent to their Marion, Ill. address. They signed off at 2300 on 7/14/92. The Realistic STAV-3200 receiver is a lousy receiver for the DXer. The selectivity is only noted at 60db. My Lafayette 3030 is about as bad, and the dial is off 1 to 2 khz. 73's.

ROUTE 60 (STUBENVILLE PIKE) - PITTSBURGH, PA.

WTFDA 1992  
CONFERENCE  
PITTSBURGH MOTEL



MICHAEL HAWK NOOSY - 10212 P ST - OMAHA, NE 68127-2130 (402)592-1186

Equipment: Kenwood RT-815 IF Mod., Antennacraft FM-10 up 30', RS 20 dB variable attenuator and occasional use of RS rabbit ears for simple phasing.

JUNE 1992 DX

- 30 Tr (KLDZ 95.1 OFF AIR)
- 2350 KICT 95.1 KS Wichita, KICT-95 254

JULY 1992 DX

- 6 Tr
- 0805 WSIE 88.7 IL Edwardsville, j 362
- 0807 WBEA 97.5 IL Pittsfield 298
- 0809 KMJM 107.7 MO St Louis, Magic 108 358
- 0815 KEXB 102.3 MO Canton, o 248
- 0818 KRJY 96.3 MO St Louis,o;Juke Box 96 358
- 0822 KCLC 89.1 MO St Charles, jazz 355
- Lindenwood College stn
- 0827 KSHE 94.7 MO Crestwood, K-She 352
- 0829 WRVI 96.7 IL Virdean, o 351
- 0836 WYMG 100.5 IL Jacksonville, o 322
- 0844 KRXY 107.5 CO Lakewood, Mix 107.5 487
- 0847 KRFX 103.5 CO Denver, The Fox 483
- 0853 KQSK 97.5 NE Chadron, Q Country 375
- 0856 KCNE 91.9 NE Chadron, NE Public R 375
- 0859 KVOD 99.5 CO Denver,Classical Voice 483
- of Denver
- 0923 KUAD 99.1 CO Windsor, K-99 465
- 0927 KQKS 104.3 CO Longmont, KS-104 480
- 0939 KNKC 104.7 CO Sterling, NW CO wx 376
- # 600 heard on FM
- 7 Tr
- 1055 WCCN 107.5 WI Neillsville, ID 360
- 1100 KNSR 88.9 MN Collegeville, NPR 314
- 1101 KEFY 102.1 MN St Paul, \$k 298
- 1102 KSNJ 99.5 MN Minneapolis, c 297
- 1118 KRGR 795.3 MN Albert Lea, or; ID;did they move from 94.9, or is this just someone running ??? 217
- 1122 KRCH 101.7 MN Rochester, lcl ads 266
- 1359 KCMQ 96.7 MO Columbia, hrd KCM? 251
- 7 Es (1312-1412; 1923-2010 MUF 107.7)
- 1312 WSHA 88.9 NC Raleigh, ID 1013
- 1316 WJFR 88.7 FL Jacksonville,Family R 1103
- 1322 WQDR 94.7 NC Raleigh, k 1013
- 1323 WFEZ 92.1 FL Williston, lcl ads 1121
- 1330 WKRX 96.7 NC Roxboro, k; Kirks 97 977
- 1335 WONE 98.1 FL Titusville, 98-Frog 1226

7 Es (cont)

- 1412 WPCV 97.5 FL Winter Haven, 97 1222
- Country
- 1925 WTUC 89.1 SC Aiken, ID 948
- 1930 WAKE 96.7 GA Wrens, //1480 AM 934
- 1942 WJCL 96.5 GA Savannah, k; Kicks 96 1043
- and 1/2; mentions of Savannah
- 1943 WIXV 95.5 GA Savannah, very strong 1043
- 2000 WLPT 88.3 GA Jessup, ID mentioning 1031
- many // 's in a GA mini-network
- 2006 WIVY 102.9 FL Jacksonville, Y-103 1103
- 9 Tr
- 0053 KEYN 103.7 KS Wichita, lcl KXKT off 254
- 0112 WHMS 97.5 IL Champaign, Lite Rock 417
- 97.5
- 0119 WIAI 99.1 IL Danville, k 448
- 0125 WGCI 107.5 IL Chicago, GCI 438
- 0137 WJHN 96.7 IL Normal, Oldies 96 372
- 0141 WJZZ 95.1 IL Decatur, k; 95-Q; KLDZ 390
- off
- 0154 WCAZ 92.1 IL Carthage, Z-92 263
- 0159 WBFQ 97.7 IL Effingham, USA nx; g 422
- 0207 WJCH 91.9 IL Joliet, g 414
- 0210 WQCY 99.5 IL Quincy, r; ads 260
- 0216 WZZQ 107.5 IN Terre Haute, r, ZZQ 471
- 14 Tr
- 1005 KCHE 92.1 IA Cherokee, ID 109
- 16 Tr
- 0817 WLSU 88.9 WI LaCrosse, ID 303
- 0830 KNKS 101.9 IA Waterloo, g; o/KFMQ!! 208
- 16 Es
- 2050 MUF hit FM for about 20 seconds
- 18 Es
- 2016 WHOV 88.1 VA Hampton, in & out to 1094
- 2100, w/unID's to 94.9
- 22 Tr
- 2109 CKKS 95.3 KS Concordia, KC Royals 142
- 31 GW
- 1100 [KNOD] 105.3 IA Harlan, new freq, \$ 48
- AUGUST DX
- 1 Es
- 1848 MUF to 88.7, lasted 15 seconds

E-skip continued very poor during all of July. Even on 10 meters (28 MHz), it rarely opened during the first weeks of July. The 10 meter buffs had been considering this season to be the worst in several years, but the last few weeks have made a strong comeback (but none has hit FM!). 6 meter (50 MHz) operators have had a fairly pretty good year so far. For me, June 22 to July 13 had 1 skip day hit FM, and few days even hit TV. Strangely enough, there was little solar activity during this time period, and the little there was didn't hit very hard, so there were few geomagnetic storms. We've gotten 10" of rain this month, and temps have been very cool (60's to low 80's). Because of this, tropo hasn't been good lately. Let's hope the Perseids was a good one! 73

STATION NEWS: In Geneva, Ohio, 104.9 is now WKKY, and country music. I have noted them both satellite and local. 106.1 Guelph, Ontario is now CIMJ, "Magic 106.1", and adult contemporary. Fans of the old CKLA music of your life format were upset. WBQQ 99.3 Kennebunk, ME is on the air. WIXC 97.3 Essexville, Mich. is on the air, with country "Kixie Country". Switching to country is 93.7 Grand Rapids, not WBCT "B93". Also Grand Rapids, WLAV 96.9 is now modern rock "Radio Grand Rapids". WLKI 100.3 Angola, IN is indeed now on that frequency. Drove by tower and studio of new 90.1 Upper Sandusky so should be on soon-will be religious apparently. 104.9 Lima is now "Mix 104.9", a/c. Both WKFR 103.3 Battle Creek, Mich and WELL 104.9 Marshall, Mich. are silent. In the Albany area, 96.7 has new calls, and a "Capitol 96" slogan, a more adult based top 40 approach. WXJN 105.9 Lewes, DE has widely been reported being on-country, "Kicks 106". Thanks Mike Hawk, Paul Mount, George Greene for information.

**NORTHERN FM DX**

SEPTEMBER 1992

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

Equipment: JVC JRS201, modified with 3 110 khz filters, Sleuth 205, Probe 9 fed with RG6 at 50' AGL. Crown rotor. Distances are in kilometres.

**JUNE 1992 DX**

13 Es  
2115 **KDHT** 92.5 CO Greeley, k\$, "Real Country on KDHT 92.5FM" Unreported last month, sounded like KDAC, careful review of tape now sounds like KDHT.

**JULY 1992 DX**

13 GW-TR  
0729 **CFLZ** 91.9 ON Niagara Falls, "You're listening to CFLZ "C-Falls" 91.9, broadcasting from the top of the Skyton Tower". 99  
0754(CIMJ) 106.1 ON Guelph, r\$, "Magic 106.1" Moody Blues mx, ex CKLA, music of your great aunt's life 79  
0818 **CJEZ** 97.3 ON Toronto, rm\$, Lite 97, New non-ID for them 80  
1015 **CKLH** 102.9 ON Hamilton, rm\$, K-Lite "Continuous lite hits", new nonID from K103 40  
1933 **WPHD** 94.7 PA Tioga, op. PHD, Elmira 296

16 Tr  
0736 **WUPS** 98.5 MI Houghton Lake, r, 98 1/2 WUPS Mt. Pleasant-Cadillac-Graying", sung out 391 0746 (WNCG) 100.9 OH Clyde, o, Gold 101, Ex: new non ID from North Coast Gold 308  
23 MS  
0646 **WMTM** 93.9 GA Moultrie, g\$, "7 miles south of Moultrie", local ad, Thanks Matt 1371  
24 Tr  
0059 **WNNR** 103.5 NY Sodus, op\$, Winner. "It doesn't have to be old but Classic Rock & Roll is WNNR" 242  
0110 **W238AB** 95.5 NY Rochester, op, translator of WRQ1 95.1 at 48 watts. "Rocket 95" Thanks Greg for the Rockchester loggings 192  
29 TrS  
0700 (WBZX) 99.7 OH Columbus, r\$, The Blitz legal ID, ex: WMGG, Magic 99.7 433

Talk about solving people unid's and mysteries, Matt goes to great length to help DXer's unIDs for his CCI column. Would you believe a personal visit along with NFM editor to review my tapes. Unbelievable! Thanks for the help guys and the 3 new loggings. I hope the rest of your tour to Fort Wayne was a success. (Bruce, we got lost in Van Wert. I didn't have George Carlin's number to call and get directions-gc). Testing going on 97.5, south east of me. Also caught them playing Corey Hart music but no ID's or idea who they might be. (That is weird. It is hard to believe they could squeeze one in there, but I guess you never know-gc). 73 dB

**HARRY HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702**

Equipment: GE Superadio II modified w/110 filter, 9 element Jerrold FM yagi in attic

**JULY 1992 DX**

11 Tr  
0205 **WNBT** 104.5 PA Wellsboro, strong 90  
12 Tr  
0200 **WIKZ** 95.1 PA Chambersburg 120  
0244 **WSRD** 104.9 NY Johnstown, cides, weak WWDL local station off the air 110  
0257 **WKPQ** 105.3 NY Hornell, NESE net

**JULY 18 Tr**

0200 **CJMJ** 100.3 ON Ottawa, ID, Magic 100, fair, fadey 220  
0207 **CKBY** 105.3 ON Ottawa, c/w music 220  
1700 **WRTI** 94.9 PA Wilkes Barre, this is on repeating WRTI Philadelphia with jazz mx Has unknown translator calls. Loud signal, but fortunately not super strong as there is no problem with 94.7 or 95.1  
31 GW  
WRTI 105.9 xltr for Scranton, this now on xltng WRTI also, weak signal and goes completely out with antenna to east where Newark/Hartford.



Five minutes of E-skip was observed up to about 99.5 into the Dallas TX area, I believe on 18th (There was some skip that day-gc). I didn't actually hear any IDs. This is a new non-DX record for any July. Is this a poor season? (For most of us, yes-gc). Well lets just say I have my AM DX set up set up already and its only August 2nd. I have to DX something. Also sunbathing is out of the question this summer, it's always raining, hi. Regards

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

Equipment: see previous VUDs

Not much DX to report this time. Did note two call changes: 104.9 Geneva, OH is now WKYY (country), and 106.1 Guelph, ON is now CIMJ, "Magic 106.1", and a/c. Both received often, CIMJ semi-local. Also logged the new **W238AB** 95.5 Rochester (x-WRO1 95.1) on July 17th, 48 watts, and it is in almost all the time at 58 miles, with a decent signal! Had some skip on the 18th: 1133 KRTS 92.1 TX Seabrook with classical mx, 2123 had WETA 90.9 DC Washington to the SW acting like skip, maybe backscatter! (290 miles), 2149 had KZBL 95.9 LA Natichtoches with call letters. 2200 KLSA 90.7 Alexandria, legal ID. On the 28th I had brief skip: 1100 KABF 88.3 AR Little Rock, legal ID, and 1144 **KLIX** 95.5 OK Hugo, with country and "Kicks 96". That's it, what a rotten season. On the road noted some interesting things: 99.5 Buffalo near Sarnia, ON, not Detroit or Cleveland! Had Cleveland in good from Marshall, MI. WOOD 105.7 Grand Rapids was obliterating Marysville, OH even in Upper Sandusky. Had CHRE 105.7 ON from Lima, OH and WTCR 103.3 WV from around Upper Sandusky.

73, Greg

**SOUTHERN FM DX**

Danny Buntin  
1312 N. Buntin  
Stillwater, OK 74075

SEPTEMBER 1992

DEADLINE: 14th

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

**ES BARELY SHOWS UP FOR JULY.**

A short column due to the near total collapse of the July Es. Even the morning DXers were hit hard by July's steep downturn. Unlike previous lean season's, at least the '92 season is distinguished for the unusually good quality in the loggings as reflected on the cover of the Aug. **VUD**. That peculiar distinguishing characteristic turns up again this month. One reporter managed to set a personal and club Es record off the tiny amount of Es he pulled him during July. Speaking of trop let's try to keep on the extra alert for it this soon coming up fall in case its extra good and haul in our share.

SOUTHERN FM DX would like to salute the remarkable Big Antenna Country located just to the north of Newkirk, OK. Antennas in that neck of the woods have their elements full trying to pull in such distant places as the Oklahoma City antenna farm, 90 mi. away, Tulsa 95 mi. and Wichita around 70. It's a great sight seeing time at least for DXers driving through. The homes' antennas are close enough to the highway to tell which way they're pointing. To add interest, nearly everyone has rotors positioned on the towers. So where do the antennas like to point? For the first miles north out of Newkirk it's roughly 50/50 divided between Oklahoma City and Wichita, KS. Nobody sees fit to aim for Tulsa. After a few more miles as the Kansas border is approached it gets interesting to see if any antennas are going to be loyally pointing to their home state stations. Nope, a few miles south of the Kansas border, all antennas can be seen pointing faithfully toward Wichita. Has anyone else thrown in antenna sightseeing as a part of a highway trip this summer? Big Antenna Country can surely be in nearly every state, not just the Plains.

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

Equipt: McIntosh MR-78, Probe 9, RG6 coax

7/8 tr  
2350 **KWCK** 99.9 AR Search, "Quick 99" 320  
2354 **KTCS** 99.9 AR Fort Smith 445  
2356 **KOMA** 92.5 OK OK City, o, ID 620  
2357 **KZBB** 97.9 OK Poteau, ID 480  
2359 **KWEZ** 106.7 AR Trumann, s/off 240  
7/9 tr  
0000 **WPYR** 98.1 TN Millington, o, ID 205 (a regular, ex KYPR Osceola, AR)  
0006 **KKIX** 103.9 AR Fayetteville 445  
0009 **KMOO** 101.3 OK McAlester, ads, k, K101  
0015 **KHET** 94.1 AR Little Rock, "K-Lite 94"  
0026 **KZLE?** 93.1 AR Batesville, "Mix 93.1" "Mix 93.1"  
7/9 tr  
0029 **KXFB** 105.7 MO St. Genevieve 305  
0031 **KWOZ** 103.3 AR Mountain View 320  
0035 **KMCK** 105.7 AR Siloam Springs, lcl. ad470 //KZBB  
0039 **KBEZ** 92.9 OK Tulsa, ID 570  
0040 **KWJU** 90.7 MO St. Louis 350  
0053 **KRTZ** 107.5 AR Mt. Home, o, ID 360  
0056 **KXLT** 105.3 KS Haysville, ads, 650 "FM105", prev. Es, KS is new tr state  
0102 **KMJX** 105.1 AR Conway, ID 340  
0105 **KFPB** 106.1 AR Fairfield Bay, m, ID  
0110 **KSTIM** 99.5 OK Henryetta, "the storm"  
0153 **KKYK** 103.7 AR Little Rock, "K-Kick 104"  
0217 **KUAF** 91.3 AR Fayetteville, c, ID  
0227 **KWEN** 95.5 OK Tulsa, "K95", wx  
0233 **KEZU** 104.7 AR Booneville, b, EZ-105, Ft. Smith ref.  
0240 **KITMC** 104.9 OK McAlester, k, "Brite 105" "Kissing Country", ID 550  
0247 **KLUV** 98.7 TX Dallas, o, ID 600  
0253 **KNUE** 101.5 TX Tyler, k, ID 530  
7/10 tr ..... ↗

7/10 tr  
0048 **WIL** 92.3 MO St. Louis  
0052 **KYKY** 98.1 MO St. Louis  
0100 **WTKB** 93.7 TN Atwood, \$, k, ID  
0152 **W237AQ** 95.3 AL Killen, 103.3 WKDF xltr, ads, ID  
0200 **WRDZ** 106.3 KY Cadiz, "The Breeze"  
0900 **WQZQ** 102.5 TN Dickson, b, ID  
7/18 Es (brief)  
1050 **KGCH** 93.1 MI Sidney, "93 Country"  
7/18 Es (brief)  
1131 **CFMO** 93.9 ON Ottawa, ID  
7/21 trs  
1102 **KWYN** 92.5 AR Wynne, nx-wx, ID  
7/22 Es  
1108 **WLNG?** 92.1 NY Sag Harbor  
1124 **WFUV?** 90.7 NY New York  
1128 **WISX** 96.7 NY Port Jervis, "WQRS-WISX"  
1131 **WXTK** 94.9 MA West Yarmouth, ID  
1147 f/out

7/27 Es (brief)  
1205 **CKHU** 93.1 NB Fredericton, "KHJ"

8/6 Es (spotty)  
1030 **WCME** 96.7 ME Boothbay Harbor, ID  
1031 **WVIA** 89.9 PA Scranton, #655-2808  
1033 unID 103.7 r, (MUF)  
1938 **WMGX** 93.1 ME Portland, ID  
1038 **WXGL** 93.9 ME Lewiston  
1039 **WHOM** 94.9 NH Mt. Washington  
1040 sudden f/out

This was nearly the worst July Es ever. Compares to July 1988. An interesting season though, short as it was. Glad to get the long haul tr (long overdue) on 7/3 and 7/90. cont..



Was confused on KOMA 92.5 OK City, ex KKNG. At first I thought it was a call change for KPRV Heavener, OK, which would've been a new log. Never expected to hear Kansas by trop. Oklahoma seems to be a rare path. But it was strong time. Hope others had better Es luck in July.

Jim Pizzi, 814 Brookhill Dr., Paso Robles, 93446

7/4/92 Es  
1027 KITS 94.7 MO Springfield, calls  
5/23 Es  
1910 KRKX 94.1 MT Billings, calls  
1912 KZLS 97.1 MT Billings, "Billings 297"  
1914 KIDX 98.5 MT Billings, oldies rock  
1915 KCTR 102.9 MT Billings, k  
1940 KDZN 96.5 MT Glendive, folk type rock,  
Magic 96  
1942 KGCH 93.1 MT Sidney, k  
1943 KGH 95.5 MT Hardin, calls, Little  
Big Horn college promo

6/19 Es  
0902 KTTS 94.7 MO Springfield, ads  
0908 KWEN 95.5 OK Tulsa, tent. k  
0917 KECCO 96.5 OK Elk City, tent, k  
0927 KRAV 96.5 OK Tulsa, calls

6/19 Es  
1102 KMH 98.7 NM Maljamar, comm. callendar  
1107 KSFX 100.5 NM Roswell, calls  
1109 KZOR 94.1 NM Hobbs, calls  
1111 KPER 95.7 NM Hobbs, k  
1113 KBIM 94.9 NM Roswell, ads, wx  
6/21 Es  
1319 KAJA 97.3 TX San Antonio, calls 1327  
1326 unID 94.1 TX, MX?  
6/24 Es  
1952 KVTI 90.9 WA Tacoma, "I-91"  
KNHC 89.5 WA Seattle, tent. rap mx

tr  
KIZS 94.7 NV Carson City, calls, k  
7/11 Es  
1026 KMHD 89.1 OR Gresham, calls, jazz  
1029 KISN 97.1 OR Portland, ads, calls  
tr  
1033 KNEV 95.5 NV Reno  
1556 KWNZ 97.3 NV Carson City

Not too much happening here. It was good to hear an opening into s.e. New Mexico on the 19th of June. The old home area getting more crowded on the dial. Still fun to DX the FM even here in this congested area. Seems like a slow ES summer in these parts. Maybe better elsewhere. 73's. (It sure wasn't. DB)

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

Equip.: Pioneer TX-8100 tuner (IF modified with 3 150 kHz filters) Quad of FM-13s at 20' and 16' with vertical halves running into the Bolin phaser, signal sleuth 205 preamp on one line and 24 db amp on the other line.

7/26 gw/tr  
(All stations were received as a result of phasing.)  
1405 WDNO 95.3 DE Laurel 169  
1412 WEGX 106.1 PA Philadelphia 260  
1428 WVES 99.3 VA Accomac 129  
1431 WFST 107.9 MD Annapolis 165  
1440 WOHQ 104.7 MD Ocean City 179  
1457 WBSR 104.3 MD Baltimore 183

7/26 gw/tr  
1457 WBSR 104.3 MD Baltimore 183  
1519 WBSY 98.9 MD Salisbury 159  
1540 WBSS 97.3 NJ Millville 232  
1550 WKWI 101.7 VA Kilmarnock 97  
1600 WSTW 93.7 DE Wilmington 235  
1609 WGM 92.7 DE Rehoboth Beach 196  
1629 WIYY 97.9 MD Baltimore 183

The quad is about 6' lower than the former setup. I probably need to raise this array to at least 30' before it will operate efficiently. However, it does a better job on nulling high powered stations (100,00 watts @50 miles when the array is pointed directly at them. For example, I can null WCVE on 88.9 and get WEA in Baltimore whose power is 12,500 at 67 meters at a distance of 180 miles. I constructed an FM-13 from some 20 year old scrap antenna parts. Surprisingly, this FM-13 is more directive than your regular FM-13. In fact, the F/B ratio is significantly higher, and this antenna will run circles around a normal FM-13. However, some of the elements are a little crooked and the directors are a tad longer and shorter. But it works to perfection! 73's and good DXing and phasing.

Tom Yingling, jr, ARS: KA3TOC, 221 Pinewood Road, Baltimore, MD 21222-2345

Hi there, I got some little FM DX to report when I was on vacation at Kill Devil Hills, NC. Since last year when my 2 tripods were damaged in a thunderstorm, I have not done much FM DXing since then. I was down in NC with Steve West (ARS: N3FYP) at the First Flight Inn Motel, on the second floor. The receiver was my Icom IC-R7000. (That has got to be a mighty nice unit all in one. DB) The antenna was a two foot whip only.

6/13 Es  
1028 RJR-FM JAM Montego Bay, IDs as RJR-FM  
6/14 Es  
1000 KTEP 88.5 TX El Paso  
1001 KCOM 88.5 TX ?  
6/14 Es  
1006 KYTU 88.1 TX Denton  
1009 KPFT 90.1 TX Houston  
1012 KERA 90.1 TX Dallas

This is my first time to have FM skip at Kill Devil Hills, NC on the Icom IC-R7000. I was surprised to get it with just a 2' whip. Back home I have a Pioneer TX-9100 with just the lead-in as antenna! Last year on 7-6-91 a thunderstorm took down my Probe 9. The tripod was blown off the roof on to my mother's car. It punched a hole in the roof! We had the car fixed by putting in a sun roof! We usually have more interest in the TV DX, and FM takes a back seat. 73's for now.

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

The season started well in May, but June was awful and July worse. 3 new skip loggings in July, despite the fact I was only working about 2 days a week and so had all sorts of time to DX. But 7/27, I started a new job and have missed a big opening 8/15 and another into the FM 8/7. Underlined are new; @ means new to Antioch.

6/24 Es  
1924 KCLV 99.1 NM Clovis, calls  
7/3 SL  
0749 K202BR 103.5 NV Reno, KCJH calls 135  
7/6 Es 885  
1159 KSNM 98.7 NM Truth or Consequences, ID  
7/7 Es  
0731 KYA@ 93.3 MT Billings, local ref. 780  
0743 KRKX 94.1 MT Billings, program promo  
7/12 Airplane Scatter 160  
1607 KJET 106.3 CA Kingsburg, //KLVR 91.3

The new XHH Hermosillo appears to be bilingual, with announcements in Spanish and English. They claim 50kw. Alas, the last letter was completely lost under local KZYX Philo. XHME offered a degree of redemption for a poor season, as it is a personal distance record for August, and I believe a club record for 89.5.

The 6/24 opening was strange (as started upon in last month's report) From 1812, when KMML first appeared, until 1901 nothing was heard below 94.7, although the skip was out to the top of the band with somebody through local KXOA 107.9 at 1819. From 1901 onward, the low end of the band had signals, but it was dead above 100.7.

Danny Buntin, 1312 N. Skyline, Stillwater, OK

Equip.: Onkyo T9090 modified with two 110 kHz filters, Probe 9 up 30' and rotor

8/10 tr  
1818 KONS 95.9 KS Lindsborg, wx, "Q-light 96"  
1831 KSNP 95.3 KS Burlington, "Coffey  
County's best"  
1900 KSJQ 92.7 MO Savannah, ID 275

1901 KWME 93.5 KS Wellington, ID  
2129 KBLP 105.1 OK Lindsay, calls, k, \$  
(With the season so bad something constructive to do is to tune in some nearby mostly new to the air stations as in above.)

The summer here sure turned unusually cool and wet. In central Oklahoma, August lawns turn brown, if not watered. This summer everyone has green and growing lawns whether they like it or not. The off beat weather hasn't helped trop much, so far, but at least it has helped add a few new loggings for my totals. To clarify my report from last month, all loggings were tr, no Es. Until next month, 73.

\*\*\*\*\*

## WANTED:

### HOST FOR WTFDA CONVENTION 1993

IT'S ALMOST TIME FOR WTFDA CONVENTION '92 IN PITTSBURGH, BUT WE'RE ALREADY LOOKING AHEAD TO 1993!

IF YOU WOULD LIKE TO HOST OUR CLUB'S '93 GETTOGETHER, SEND A BRIEF SIGNED NOTE TO:

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

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

# EASTERN TV-DX

Bill Nienajadly/N2QJU  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044  
No collect calls  
Deadline the 5th

September 1992

Cut off 3 months

Welcome to another episode of 'The E-Skip vanishes'-in this chapter, we find a bunch of WTFDAs-ers disputing if E-Skip is just a myth or if it really does take place after all.....

Tropo on the other hand, usually occurs pretty frequently in the mornings and after sunset out to 200 miles or so and thats it. Right? Wrong. Not in this issue. Though E-Skip has been less than fruitful (to put it mildly), we have first class TROPO with outstanding loggings & tropo DX very uncommon for July. Check these out....Christopher Dunne had over 1000 miles tropo to PR from his FL DX spot...and it was WKAQ ch 2 a lowbander!.....John Combs also in FL had 858 mile GULF Tropo to TX (very uncommon for July)...Maybe Tom Yingling logged Canada via tropo in his DXpedition in NC...And...Ed Phelps has some excellent tropo loggings from his KY DX spot..stuff like KRRT 35 TX 787 plus many loggings in the 700 mile range! Healthy Stuff.

Jeff Kruzka of LA (WTVDX territory) wrote to say his Mitsubishi 4 head, model HS-U31 VCR has off/on video muting and that it is very good for E-Skip recording-Thanx for answering the question I asked in ETVDX recently. TV DXers are welcome to comment on their equipment as this helps out others new to TVDXing. Also Doug Smith comments later on about DXequipment. On to DX!

Ed Phelps NNZE Rt 2 Box 266 Benton KY 42025 502-527-2289 24 Hours a day

A day in a Life at NNZE-A list of daily stations

KETS 2 AR WTMO 2 IN WMPB 2 MS KTVI 2 MO WKRN 2 TN WSIL 3 IL WAVE 3 KY KYTV 3 MO WREG 3 TN WTTV 4 IN  
WDBI 3 MS KMDV 4 MO WSMV 4 TN KSDK 5 MO WMC 5 TN WTVF 5 TN WPSD 6 KY WTVN 7 IN WBBJ 7 TN KAIT 8 AR  
WSIU 8 IL WDCN 8 TN WMIN 9 IN WTVR 9 MS KETC 9 MO WTVG 9 TN WTHI 10 IN KOLR 10 MO WKND 10 TN WBIR 10 TN  
KTHV 11 AR WNAS 11 KY KPLR 11 MO WLJT 11 TN WFSB 12 AL WILL 12 IL KFVS 12 MO WDFE 12 TN W2BV TN WTVM 13 AL  
WCEE 13 IL W8KO 13 KY WHEQ 13 TN WHBQ 13 TN WFIE 14 IN WQML 15 AL WKPC 15 KY WQVT 15 MS KPOB 15 MO WUSI 16 IL  
WMTU 16 TN WAND 17 IL WZTV 17 TN WLEX 18 KY WMAV 18 MS WHNT 19 AL KTEJ 19 AR WLON 19 KY WTTU 21 AL WBNV 21 KY  
WKMU 21 KY WUVT 22 IN WKCF 22 OH WCTE 22 TN KBSI 23 MO KNLC 24 MO WPTY 24 TN W24E TN WHIQ 25 AL WEHT 25 IN  
WTRT 26 AL WTCT 27 IL WKYT 27 KY WKYC 27 MS W2BAI IL WTKR 29 IN W2BAI IL WTKR 29 IN W2BAI IL WTKR 29 IN W2BAI IL WTKR 29 IN  
WYAY 31 AL WKOH 31 KY WKYK 32 KY KSPR 33 MO WGRB 34 KY W3AAG GA WKMA 35 KY W3SAH TN WATL 36 GA WTVQ 36 KY  
W3GAM TN W36AK TN KASN 38 AR WBAK 38 IN WHTN 39 TN K39CP MO WMBB 40 IN WKNT 40 KY WBYU 40 MS WDRB 41 KY  
WBMG 42 AL WCLJ 42 IN W43AG KY WVAL 44 AL WEVV 44 IN WRG7 45 OH K4SCA MO WGRX 46 GA WWSL 46 IL WKLE 46 KY  
W6AGJ TN WFFF 48 AL WCET 48 OH W52AZ IN WKON 52 KY W6GB 53 KY W53AF MS WZDX 54 AL W54AE KY W55AJ KY  
WRSP 55 IL WYIN 56 IN WDKY 56 KY WYMT 57 KY WKIN 59 IN WUJP 60 AL WDSI 61 TN W62BH KY WLIB 63 IN WHSB 63 GA  
WSTR 64 OH WJJC 65 KY W65BF TN WBBM 68 AL W68CG TN WVEU 69 GA

This list shows what can be seen from here on a summer day. Winter conditions are not as good. I hope this list will help those looking for these stations. I'm here most of the time, so don't hesitate to call if you want help. (Ed Comments; Im sure DXers from ETVDX and WTVDX will appreciate it, heh I guess you don't need cable TV-BN)

5/20 Tr W27AR IN 242 WTHR 13 INDY	6/14 Es KDUH 4 NE 872 K64DT MO 160	6/17 Tr KXAM 14 TX 725 KBYO 42 TX 705	7/7 ES WHSV 3 VA 542 confusing w/WSIL Harrisburg
K49CG AR 272 K65EK AR 275 W99EM TN 50	6/16 Tr KHSH 67 TX 650 KXLN 45 TX 651-SS KNC2 46 TX 668	KWEX 41 TX 778-SS KAMC 28 TX 795 KJTL 18 TX 611	7/9 Tr WGTW 8 GA 316 WHSN 21 NC 336 WACH 57 SO 455
5/25 Es CHRO 5 ON 864 5/26 Tr WKSO 29 KY 194	KXAN 36 TX 705 KLRU 18 TX 705	KL5B 19 TX 550 KTBO 14 OK 516	TO WKCH 43 TN 250 WCNC 36 NC 440
5/31 Tr K18BT MO 160 6/8 ES CFAP 2 PQ 1112	KXXV 25 TX 638 KABB 29 TX 775	KLDT 55 TX 571 KDFW 4 TX 571	7/10 Tr WSOX 9 NC 438 WJZY 46 NC 413
Es KTVS 3 CO 830 Tr K21DD MO 160	KTAB 32 TX 712 KRRT 35 TX 787	KSAT 12 TX 775 6/18 ES KPRY 4 SD 790	WTVI 42 NC 436
Es KOUS 4 MT 1191 Es CFCM 4 PQ 1109	6/17 Tr KPMV 52 TX --- SS KULVE 24 TX 705	KGAN 5 WY 939 KGAL 5 WY 1154	7/13 Tr WCYB 5 VA 345 WPBA 30 GA 308
CHAUJ 3 PQ 1331 CKCW 2 NE 1360	KCTF 34 TX 624 KJTV 34 TX 796	6/19 Tr WMAO 23 MS 270 7/7 ES WMPR 2 MD 656	Station total now 558

Texas opening was WILD!!! saw most every station in Texas that nite and morning. Thanks to the big guns in 111 for the help on the Canadians and LPTV's. All of the above stations are new ones. I monitor 28,460 on ten meters during E openings. Also ...444,200 + NNZE repeater. (Ed notes: No time was given for any of the catches listed above, Ed also sent the latest scanner law from KY..., Ham operators with a valid Ham license are now exempt from the scanner law as long the info is not used in the commission of a crime-etc. Ordinary folks still get busted for having a scanner in the car. Thanx for the update and nice going on all those great 700 mile inland tropo DX-BN)

Tom Yingling 221 Pinewood Road Baltimore MD 21222-2345 KA3TCCC FROM HOME LOCATION IN DUNDALK MD

Icom IC-R7000 Sony KV-8AD11 8 inch color Trinitron as monitor OM 1114 fixed direction, rotor not fixed yet!

ALL E-SKIP

5/24 2000 KPLO 6 SD 1234 KDLO 3 SD 1120	5/25 1130 KATC 3 LA 1075 KIMT 3 IA 902	5/25 1130 KOTV 6 OK 1080 6/27 1757 WEDU 3 FL 852
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(Tom continues on the next page with DX from NC-BN)

Eastern TV DX

September 1992

Tom Yingling continued.... FROM KILL DEVIL HILLS, NC and mileages from Kill Devil Hills

Icom IC-R7000, using 2 foot whip only! Sony KV-8AD11 as monitor & as TV set. Sony GV9 Video Watchman 4" LCD color screen (and) for UHF, Channel Master 3 foot corner reflector. For VHF, the Sony single rabbit ear! Winegard preamp PA-4975

I was down in Kill Devil Hills, NC with Steve West, (N3FY0). We were in an second floor of the hotel! The tentative logging of the French ch 44 is an big maybe. Steve gave me a phone call after we got home, that he talked to Jim Alexander, of NJ who has gone down to the outer banks of NC a number of times, with a 7 foot dish and has received Canada on tropo before. So maybe it was them, unless some can verify the program of the W4AAI in Hicksville NY with their schedule. (Tom, they seem to run psychic call in shows nearly all the time.I'll check for it-BN) The last 2 years Steve & I have gone down there, and had good southern DX, this time was all north, and our first E-Skip dx'ing.

6/12 Tr 2100 WTXK 20 CT 407 TO WRO 15 VA 64 WBCC 16 MD 170 WTFX 29 PA 278 WLG 55 NY 370 0000 WNAV 64 RI 470	6/13 T 0300 WETA 26 DC 213 WTVS 26 CT 409 WHSW 24 MD 428 WNJS 23 NJ 260 WMPY 22 MD 209 WLLW 21 NY 352 WCCA 20 DC 213 WUNM 19 NC 109 WITC 61 CT 422 W51BH VA 80	6/13 E 1300 UNID 2+ 1400 UNID 3 BB UNID 4- UNID 4+ 1930 WMAC 53 NJ 225 1945 W4AAI NY 300-t In French or CBAFT-9 -ch 44 Kedgwick NB E 2020 WKRG 5 AL 781 WTRK 3 VA 63 WRAL 5 NC 152 WTVR 6 VA 138 WITN 7 NC 98 WRIC 8 VA 140 WFXI 8 NC 88 WHPH 8 NC 224 WUNP 36 NC 112 WVAY 10 VA 64 WVVO 11 NC 152 WMBT 12 VA 136 WCTI 12 NC 109 WPEC 13 VA 63 WRO 15 VA 64 WJKA 26 NC 104 WUNJ 39 NC 187 W4AAI NY 350 WGTG 41 NJ 337 WMBH 40 NJ 220 W4OAH VA 70 ccf-ing u/WMGM WRLH 35 VA 144 WTVZ 33 VA 64 WCPB 28 MD 162 WGMT 27 VA 64	6/14 0947 CUBA 5z Tele Rebelde E 0947 FM to Jamaica RJR-FM Heard MUF to 92.1 & 6 meters HOT! FL into NS 1000 WPBT 2 FL 741 1037 UNID 5 1040 WCPX 6 FL 1100 UNID 2 French! cci DE WUND 1125 CJCX 4 NS 1068 1130 CBHT14 5 NS 960 T 1800 WNAV 64 RI 470 WLG 55 NY 370 WSBE 36 RI 461 WLIW 21 NY 352 2000 WTIC 61 CT 422 WTVB 54 NY 404 2130 WTXK 20 CT 404 6/15 T 0030 WFXI 25 MA 497 WSBK 38 MA 497 WLVI 56 MA 497 6/15 E 0921 KDFW 4 TX 1224 0930 KXAS 5 TX 1224 1000 UNID 3+ 1020 UNID 6 CBS 1025 KENS 5 TX 1378 1030 UNID 5+ 1030 FM SKIP TO TX -MUF 90.1 1100 Checkout Hotel! did FM in car next!
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Comments to be with my DX:

Steve West & I was in Kill Devil Hills, NC on a DX-expedition trip. Lots of DX on limited antennas. Would be great with a full fledged DX setup! My first time with E's on the Icom IC-R7000 with different audio on each channel offset -z,+ at the same time! Just amazing to see. the video was a mess, too many stations at one time. I find it needs a good signal reading to give a good video output, but the audio will be in the clear. i have noticed when tuning in the narrow FM mode, you can hear the Tv station SAP channel audio. For example WMPY-TV 22 Annapolis, MD audio on 523.76 Mhz., the SAP audio is heard on 523.84 Mhz., mixed with regular audio. back home I still don't have the dish back up since last year 7-6-91 when a thunderstorm took it down. but Im getting close to putting them back up. I got the VHF up with my VHF Ham beams, & the dish is next.

We'll thats all for this time. i did get the VHF-TV antenna up with my VHF Ham antennas. I got a limited channel UHF-TV antenna up with the PA-4975 amp. the antenna is what I think is a cable TV grade type limited channel tuned to ch. 54, but works OK from ch 43 to 63. I got that in the middle of the VHF-TV antenna & the 440 mhz ham-beam. So, its going something till I get the dish till I get the dish back up. Last year my two tripods were damaged bad from a thunderstorm. i just got the Channel Master 5 foot tripod up for the Ham stuff, and had room for the TV. Now my mother says this fall, we are going to have the roof re-shingled, and have to take them down then. So, the bigger tripod, Create Design 6 foot tripod will hold the 6 foot dish and 10 meter beam. The Tv skip has been little, but I really miss my UHF DX. I hope to report some more TV DX soon. I'm going now (to) Ocean City MD for vacation next week, and in two weeks more, going to Pittsburgh, PA! '73's till then. Tom

Symbols used in ETVDX : DE= From XLTR=Translator + - z = offsets from center channel ANC=All News Channel HSN=Home Shopping Network VJN=Video Jukebox OM=Channel Master SS=Spanish t=tentative o/=over u/=under



EASTERN TV-DX

John F. Combs N4SPS, POB 721027, Orlando FL 32872 (407) 275-9091 (0600-2200 Eastern only)

MAY 1992  
 31 Tr 0505 WGXA-24 GA 322  
 JUNE 1992  
 1 Tr 2150 WJWJ-16 SC 293  
 WJCL-22 GA 246  
 WTOC-11 GA 245  
 WSAV-3 GA 246  
 2228 WTVS-28 SC 245  
 2296 W67BJ GA 255  
 Savannah (TBN)  
 2 Tr 0641 WABW-14 GA 247  
 Es 1150+ unIDs 2-4  
 4 Es 1343 unID-2 CBS  
 6 Es ---- CCI-2,3 in/out  
 much of day  
 8 Es 1208 CKVR-3 ON 1097  
 1224 WIVB-4 NY 988  
 1229 WTMJ-4 WI 1010  
 1230 WMAQ-5 IL 990  
 1306 WFRV-5 WI 1158  
 1357 KTVO-3 MO 1011  
 1650 KGBT-4 TX 1022  
 1651 KRGV-5 TX 996  
 1753 XHD-4 ? TA T  
 (XEW-2 pgmg and ID)  
 1836 WAPA-4 PR 1198  
 1838 WIPM-3 PR 1150  
 1843 WORL-5 PR 1150  
 9 Es 1844 KMID-2 TX 1270  
 10 Es 1313 KIMT-3 IA 1154  
 1905+ unIDs-2,3  
 Gw 2029 W63BH FL 10  
 Orlando (Univision)  
 12 Es ---- CCI-2,3 in/out  
 much of day again  
 13 Es 1050 KXAS-5 TX 971  
 1159 KPOR-4 OK 1062  
 1205 KTXT-5 ? TX T  
 1229 KFDD-3 TX 1081  
 1241 KGBT-4 NY 1022  
 1300 KAMR-4 TX 1287  
 1926 KTW-3 PA 867  
 1929 WNYW-5 NY 937  
 1932 unID-4 CBC  
 1946 WNBC-4 NY 937  
 2059 unID-5 CBC  
 2137 WTVH-5 NY 1038  
 2233 KTVO-3 MO 1011  
 2259 WISL-3 IL 765  
 14 Es 0943 KFSM-5 AR 902  
 0958 KOCO-5 OK 1062  
 1025 KFOR-4 OK 1062  
 1043 KXAS-5 TX 971  
 1215 Had to leave...  
 15 Es 0953 WTMJ-4 WI 1010  
 0957 KIMT-3 IA 1154  
 1000 WCCO-4 MN 1313  
 1006 WMAQ-5 IL 990  
 1955 WAPA-4 PR 1198  
 2059 KOET-3 OK 941  
 2116 WDAF-4 MO 1052  
 2300 KFOR-4 OK 1062  
 2305 KXAS-5 TX 971  
 16 Es 0019 KSNB-4 NE 1235  
 0039 KLNE-3 NE 1313  
 (full CB w/ID)  
 0800-0845 unIDs 2-4  
 17 Es 2212 KIII-3 TX 991  
 2300 KPRC-2 TX 858  
 18 Es 0812 KPRC-2 TX 858  
 0817 KIII-3 TX 991  
 21 Tr 0830 WOLO-25 SC 384  
 0846 CCI-2,4,5,7 to  
 N.E. -- Charleston?  
 0935 WDCO-29 GA 297  
 0955 WMTG-41 GA 323  
 25 Gw 0755 W21AU FL 12  
 Orlando (testing)

JULY 1992  
 2 Tr 0554 WMBB-13 FL 267  
 0555 WABW-14 GA 247  
 WPMI-15 AL 407  
 3 Tr 0445 W64AX FL 80  
 Vero Beach (WPTV-5)  
 0445 unID-66 TBN to N.  
 0450 WTLH-49 GA 241  
 0451 W36AJ FL 128  
 Jacksonville (HSS)  
 0452 WTAT-24 SC 320  
 0518 W65BG FL 225  
 Tallahassee (ACTS)  
 4 Es 1034 Radio Caracas-3  
 Barqismetto VENEZUELA  
 (Ad for Banco de Ven-  
 ezuela; running kids  
 show "Nubeluz" w/logo  
 in u.l.; pgm promos  
 w/slogan "Tele-Vene")  
 1037-1153 unIDs-3 SS  
 1820-2000 CCI-2,3  
 Tr 2110 WJCL-22 GA 246  
 WJWJ-16 SC 293  
 2158 W33AL GA 187  
 Brunswick (TBN)  
 5 Tr 0117 WTAT-24 SC 320  
 0119 WGNX-46 GA 408  
 0835 WATL-36 GA 408  
 0849 WVEU-69 GA 406  
 WRET-49 SC 441  
 WEBB-14 SC 323  
 0851 WMTG-41 GA 323  
 WUBI-34? GA T  
 WATG-26 (SC) 341  
 0901 WDCO-29 GA 297  
 6 Tr \*GULF TROPIC IN JULY!\*  
 2032 WPMI-15 AL 407  
 WALA-10 AL 417  
 2051 WMPV-21 AL 401  
 2053 WMBB-13 FL 267  
 2055 WHBR-33 (AL) 407  
 WSRE-33 FL 380  
 2111 WJTC-44 (AL) 401  
 2125 KETH-14 TX 858  
 2128 KRIV-26 TX 857  
 KHSB-67 TX 858  
 2146 KXLN-45 TX 858  
 2147 KTHD-48 TX 841  
 2149 KUHT-8 TX 857  
 2238 W29BH MS  
 Biloxi (TBN)  
 WMAH-19 MS 483  
 2303 W4GAN FL 291  
 Panama City (Tourist)  
 2304 WPGX-28 FL 279  
 W48BC FL 333  
 Destin (Tourist)  
 2316 KSAT-12 TX 1023  
 2319 WFSG-56 FL 306  
 0000 Quit--most f/out  
 --0400 re-check  
 shows nothing  
 7 Es 1301 KFOR-4 OK 1062  
 1947 WFRV-5 WI 1158  
 2058 WTMJ-4 WI 1010  
 2225 KFOR-4 OK 1062  
 Tr 2229 Mobile/Pensacola  
 WGN0-26 LA 530  
 8 Tr 0400 WPMI-15 AL 407  
 WMPV-21 AL 401  
 WFSL-31 GA 248  
 WALB-10 GA 248  
 2125 WALA-10 GA 248  
 WPMI-15 AL 407  
 9 Tr 0600 May have missed  
 something great  
 --see comments!

for the second time ever on 7-4. Also managed to bag WCCO-4, a station that has always eluded me in Florida. Two new LPTVs locally (W63BH, W21AU) now give me a total of six low-power and ten full-power locals! Orlando is becoming a very problematic DX QTH! 73, JOHN.

Eastern TV DX

September 1992

Frank Wheeler 6589 Wattsburg Rd Erie PA 16509 19" Crosley Color TV Archer VU 160 Servo rotor  
 6/13 E 1500 WEDU 3 FL 888 6/16 T 0830 WANE 15 IN 267 7/7 E 1427 WML 4 LA 1002 7/11 E 2000 WPBT 2 FL 1009  
 2314 KMTV 3 NE 817 1100 WKJG 33 IN 267 1530 WBRZ 2 LA 1016 7/18 E 1402 KSNW 3 KS 962  
 6/14 E 1300 KUSD 2 SD 896 6/20 E 2203 KLINE 3 NE 1005 1600 WDIQ 2 AL 802 1436 WLBZ 3 MS 880  
 1430 KPRC 2 TX 1212 6/27 E 1708 KWGN 2 CO 1312 2054 KPRC 2 TX 1212 1833 CKCK 2 SK 1269  
 6/16 T 0806 WNDU 16 IN 312 7/4 E 1710 WPBT 2 FL 1009 7/11 E 1059 KLINE 3 NE 1005

Joel Rosenberg 19 Glenayr Rd Richmond Hill ON L4B 2W3 416-884-8454

Not a lot of ID-able skip this year, unless openings occurred during working hours.

5/17 E 0015 UNID 2 5/24 E 2132 MUF 92.5 5/30 T 1400 WKYC 3 OH 200 7/7 E 2200 UNID 2  
 Arsenio w/David Copperfld 2153 WSLI 3 IL 635 6/10 E 2000 Weak flutter Ad for KLIF 570-AM  
 5/20 T 2330 WJTR 20 NY 215 3rd Shortest ES 6/11 E 2115 "" "" "" 7/8 T 0800 WMLZ 25 OH 200  
 5/21 T 0750 Syr,H20town 2228 KQ2 2 MO 6/17 E 1700 KJRH 2 OK 1015 WKBD 50 MI 200  
 Strong 5/25 E 2100 UNID 3 NBC 1700 MUF 99.3 7/16 T 0755 WJTR 20 NY 215  
 UNIDs 22 & 33 2 PBS Also weak skip on May 20th 7/25 E 2130 UNID 2  
 5/24 E 1902 Weak ES 3 ABC the 26th & 27th z to WBRZ  
 2132 UNID 3 ABC 2147 KMBC 3 ND There's always hope for late summer & Fall trop. 73's Joel

Karl Zuk 154 Old Post Road North Croton on Hudson NY 10520-1932

(Karl asks that Logos from TV stations be sent to him in conjunction for a project that consists of a map of the US with TV station locations along with logos to help ID stations-BN) (U.S. AND CANADA that is-BN)

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 Station total 336

7/3 T 1129 WSNB 47 VA 244-t 7/10 T 0316 WFLI 53(GA)132 7/12 T 0000 K39CP MO 204 7/17 Vacationing  
 7/6 E 1952 KOTA 3 SD 1024 0343 WJNS 21 NC 243 7/13 T 0127 KARO 14 LA 406 7/26 In Minnesota  
 7/8 T 0958 WMLA 33 LA 467 0359 WEMT 39 TN 233 0213 WKPT 19 TN 266 7/28 T 2225 KTKA 49 KS 535  
 0959 WXXV 35 MS 385 0450 WSNB 47 VA 244 0220 WKCH 43 TN 163 2259 KMCI 38 KS 494

the rare tropo openings to the E on 7/10 and 7/13 were a nice surprise that netted two new states and several 'most wanted' U's. An even bigger surprise was the 7/28 shot into Topeka... 49 was in for over 1 1/2 hours: 38 about 15 minutes. No KC signals...very narrow duct...Springfield, MO (except 3) all near s/f. THIS HAS BEEN THE WORST YEAR IN RECENT MEMORY (IF NOT EVER) FOR ES! (Tom, you mean E-Skip really DOES exist? HI HI-BN) In spite of that, I did nail down two most wanted on 2 last month. Stopped at Bill Eckberg's on 7/25 for a 5 hr visit. Have joined the quest to ID his 'chicken head' pattern from last season. (Ed Notes: Bill had a E-Skip station with a test pattern and the tp contained a chicken head toward the top of it, a real mystery indeed-BN) Current plans are to be in Pittsburgh for the convention. Hope to see you there. here's hoping fall tropo will compensate for the terrible Es season! (Are we supposed to have skip after May? HI HI-BN) 73's & goodXing! Tom

\*\*\*\*\*  
 NEW Station on the air!!! WGMW Channel 48 Burlington NJ is now on the air with movies & varied programming. This per Steve West and Joe Fela tips. Burlington is a Philadelphia suburb and some 10 years ago or so WKBS occupied ch 48 spot but they disbanded and ch 48 was vacant in Burlington NJ for some time until now--BN  
 \*\*\*\*\*

Jim Renfrew 61 Wilcox St Rochester NY 14607 716-461-2717 home. 716-494-1847 work, Tu & Th

Equip.- GE color TV, Radio Shack rabbit ears.

July 7 ES: MUF to at least 107.3 MS and AL FM July 15 ES 1107-1130 MUF 3 UNID 3 Price is right

July 28 ES: UNID 2 PBS -KETS? MUF 97.5 @ 1115

Saul Chemos 79 Ridge Drive Toronto ON M4T 1B6 (TEMPORARY)

FROM BURNT RIVER

7/4 ES 2000 WPBT 2 FL

7/4 ES 2240 WJXT 4 FL

FROM PETERBOROUGH

7/6 ES 1900 WDIQ 2 AL

7/8 ES 1530 CKND 2 NB

7/11 1000 KNCP 2 NE

What a weird Es season! 1992 ranks as the most bizarre year since I started DXing in 1975. July had 5 minute openings on TV-2 -real short stuff like August. CKND is a good example. It lasted 3 minutes, fading in and out and quickly gone into the great DX black hole. No long haul tropo, stupid wintry weather patterns, not one heat wave. I'm planning to move to Toronto, where freelance and full-time work prospects are better. I'm using my parents' address for mailcause I don't know for certain where I'll be living.

73's and enjoy whatever may be left of 1992 DX.

Saul

Robert Ross Box 1003 Stn B London Ontario Canada N6A 5K1 VE3JFC VHF-FM Beam UHF-Flying Arrow

7/16 ES 2040 KJRH 2 OK

7/16 ES 2050 KETS 2 AR

7/16 ES 2143 WEAR 3 FL

Did the Perseids turn out productive and DX worthy? Find out next month in ETVDX!!! \*\*\*\*\*

Christopher S Dunne 21541 NW 8 Ct Box 81 Penbroke Pines FL 33029-1085

Sony 9" trinitron TV Teknika TVC-22 tuner Archer 6 element FM antenna Gemini 20 antenna (rabbit ears)

Down here, it was a mind-boggling July. 1000 mile TV & FM...but it wasn't ES! Check out below. The Lord has blessed once again.

6/28 Tr 2221 W50 FL 100 -Note# 1 7/2 Tr 2305eT.R. 6 CUBA-Note #3 7/6 Tr 0110 WBTV 13 SC 540  
7/2 Tr 0000eZNS 13 BH 200 2310 UNID 8 -SS Note # 4  
0210 WKAQ 2 PR 1000-Note# 2 eZNS 13 still in! 7/7 Es 0945 KYTV 3 MD 1010  
1300eZNS 13 sign on!!! "KY-3 For Kids"

Notes: # 1 Vero Beach/WFLX 29. # 2 Full ID @ sign-off! WPBT signs off 10 minutes prior.  
# 3 // T.R. 13 Cuba, video Over WCIX! Havana likely. # 4 Mentioned "Grand Strand" @ = color

can anyone suggest a good V/U antenna for a mobile home, where 20 feet is the limit? I'm considering a 'Shack V-185' (11/90 VUD article) and U-120. To give you an idea how strong the Tr was, I saw WKAQ on the FM antenna! 73 Chris

(Nice going on WKAQ, I don't know what the WFDFA club record is for ch 2 Tropo...but it would be safe to say you have likely broken the DX record for lowband Tropo. Again nice going! A suggestion, the U-120 is a good UHF antenna but do get a amplifier for the UHF. UHF needs amplification even at 20 ft, it will make a big difference-BN)

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

7/4 ES 1141 MUF 4 7/12 Tr 0913+WTKR 3 VA 7/13 Tr 0225 NJ 65 PA 57 7/19 Tr 0819 WYED 17 NC  
1157 WPBT 2 FL 900 2123+NC 16,28,40 0230 WJSE 68 NY 196 0821 WCCB 18 NC  
1732 KPRC 2 TX 7/13 Tr 0000+Scranton 16,44 0233 Onancock xltres 0929 WPOE 15 SC  
7/7 ES 1900 KJRH 2 OK 1031 0100 WLYT 39 PA 0249 WKTV 41 NY 196 7/20 ES 1802+MUF 3  
2100 KFDX 3 TX 1225 0104 WRLH 35 VA 7/25 ES 1100 WPBT 2 FL  
7/11 Tr 0006 WJMP 36 NC 0200 WJFL 22 NC 251 7/18 Es 1128 KOET 3 OK 7/27 Tr 0203 WKFT 40 NC  
ES 1838 UNID 3 CBC-EE 0203 WKFT 40 NC 265 1458 fade out 7/28 ES 2005 NBC 3  
7/12 ES 0743+MUF 2 0213 W34AX NC 7/19 Tr 0759 WAAP 16 NC 251 2026 KDTN 2 TX

Harry Hayes 9 Henry St. Wilkes Barre PA 18702 RCA 1971 color TV set/ Ch 2 & 5 quad loop

#### JULY 1992 E-Skip

5 1128 KTCB 2 MN 11 2030 WEDU 3 FL 18 1130 WBAP 2 TX 18 1900 CKPR 2 ON 18 2000 KGAN 2 IA 18 2100 KJRH 2 OK  
7 2100 KPRC 2 TX 2030 KPRC 2 TX 1230 KQTV 2 MD 18 1932 KGFE 2 ND 2000 KUSD 2 SD 2130 KOET 3 OK  
2153 KOTN 2 TX

Not much skip this July, in fact I will say this is the poorest July in memory. How could one season have the best May ever followed by the worst July? It just goes to show that you can't predict anything about DX.

Doug Smith 14 Brookside Ct Nashville TN 37209-4503 W9WI

Regarding your questions in the July ETVDX, I.F. filter mods for TV: Most inexpensive TV's don't have the "mono lithic" filters used in AM/FM radios, they use instead, L-C tuned circuits, as they were used in radio for years and these can't be easily replaced, though they can be retuned with the help of test gear. Newer and more expensive TV's often do have replaceable filters, but since there's no application for narrowband TV filters, they aren't commonly available, they are available for for TV sound, cellular phones, & foreign broadcast. For adding video modulators to scanners: You need to demodulate the video first, the front end RF amp, mixer, and synthesized local oscillator from the scanner are indeed useable, from that point, you'll need to provide your own IF amp & AM detector. (The scanner's Am detector, if it has one, won't work, because the IF filters are WAY too narrow) Or you could provide another local oscillator & mixer, & convert the scanner's mixer's IF output up to a TV channel. As for defeating muting: Yes, I see no reason it couldn't be defeated the same way as with radio. Do be careful, there's a lot more higher voltages floating around a TV set than a radio. Defeating AFC/AFT: TV's & VCR's already have a switch that is activated when you open the door over the tuning controls. In digital TV's/VCR's, the frequency is set by the "reference crystal": you don't want to diddle with that. Take my word for it! And adding channels with jumpers: Probably not. The more channels a cable ready set covers, the higher it has to go in frequency. For example, my VCR, which covers only through ch 36, goes up to about 300 Mhz. Expanding that range to 400 Mhz adds about 16 channels, up to 52 or so. It costs money to expand that range: UHF transistors/circuits aren't all that cheap. Channels aren't missing because governments don't want you watching certain things---they're missing because adding them would raise the price. (Thank for the info & answers, I'm sure this was of benefit to TV DXers-me too! Again thank-BN)

Steven Sprachman 15 Berry Lane Hicksville NY 11801

.....July 7th-ES 1800 KATC 3 LA

.....August 3rd-Super trop opening- Salisbury MD to Portland ME: 2130 to 0000 WJHD 7 Boston over WABC (I hope the foto comes out) Also channels 2,4,5 Boston under NYC VHF's (No ID not counted) Boston U's 33 (The Box), ch 38 with Boston Red Sox game, 56, 66 HSN-s/f, WGBX-44-Boston -(totally covering LPTV W44AI), WQTV-68-tent u/WJSE, WGBY 57 Springfield totally covering W57BC, WINDS - 50 Derry ID slide (another photo opportunity, also Unids 23 u/WJUS (Albany NY?-BN), ch 65 u/WJSP- I speculate the LPTV on 65 is in Springfield MA. Also seen - WBOC 16 MD, 17,29,35 Philadelphia, 6,10,12,36,64 Providence, 19 N. Adams, 22, 40 Springfield, Tent 51 Portland ME (with the Olympics!!), WHLL 27 (with Telemundo programming) Not seen LPTV 28, 59 in West Haven Ct, WOST 69 Block Island -(this has proven to be a very difficult catch!) (Steven returns on the next page-BN)

Steven Sprachman's report continued from the last page

Have you seen WOST -69 yet? (No-ch 68 kills anything adjacent here, I wasn't really aware of WOST but I am pretty sure WCVX 58 remains OFF the air and this is why you haven't seen them-BN)

We are in the process of packing for a trip around NY State. I'm bringing my LPTV finder, I purchased a SONY Watchman. If I see anything interesting, I'll report it. What does amaze me is the number of LPTV networks Its becoming a real alphabet soup-AEN, HSN, HSS, HSN, CHA, ANC, TBN, etc...after I come back from this trip, I plan to do some research. If I find anything useful, I'll share it. The overnight News shows have been multi-plying like crazy. All the Networks have them (although the ABC version is NOT carried by WABC-7, but is, by WTNH-8.) Some stations have the All News Channel overnight. Then theres the Home Shopping Spree. What happened to the good old days when a station operating 24 hours a day was the exception and not the rule. (Ed Comments: I guess that went out of style when all we had to watch were the 3 networks PBS and nothing else to watch-BN)

The plans for the "New Jersey Network" are interesting. I get 3 of the 4 on a regular basis. I would like to have three more choices, but I doubt the State will give up the network. Besides they're spending \$\$ on a Public Radio Network like its really needed!! Well let me close, I hope the DX season ends with a bang! I'm still kicking myself for going to work on May 20th!! 73's Steven

Mike Reid 1408-65 Spring Garden Ave North York ON M2N 6H9 ALL TROPO LOGGINGS

19' 1977 Zenith Icon R-7000 RS Two Bay & AC 4990 all @ 105' AG

5/11 0100 NE OH 6/3 0235 CICO 48 ON 6/14 0720 W59BJ MI 7/3 0352 WSNR 43 NY  
0500 CFMT 47 ON-Nt # 1 0240 CHOT 40 PQ 0727 WFFT 55 IN-s/f //WTVU  
5/19 0200 WDLI 17 OH 0301 WEYI 25 MI 0927 WKAR 23 MI 7/9 0925 WMMO 24 OH  
0212 W30AJ NY-Syr HSS 6/8 0115 CBLN 45 ON as were some other 0927 WKAR 23 MI  
0250 WJUG 33 IN 0227 WANE 15 IN Ft. Wayne U's 0935 WFLM 28 MI  
0255 WPTA 21 IN 0227 WPTA 21 IN 0748 WDMJ 14 MI 7/12 0635 WMCB 34 NY  
0302 WQAC 67 OH 6/10 2310 CBLN 20 ON 0802 WKAR 23 MI 0638 WICZ 40 NY  
0305 WPGH 53 PA almost snow free 6/16 2057 WJUG 33 IN 0757 W60AD NY  
0300 WKEF 22 OH 6/14 0250 C9BT 32 ON-Nt # 4 2057 WFWA 39 IN 1200 WQNY 24 NY-s/f  
0740 W72AQ NY 0350 TVO 24-38-42 2102 WFFT 55 IN 7/18 0427 WENX 55 OH  
0110 CICA 51 ON & 53-55 2106 WANE 15 IN 0440 WJAT 53 OH  
0130 CBLFT 34 ON 0315 CHLF 39 ON 2106 WSTE 30 OH 0447 W3Z OH-TBN  
0130 W30AJ NY 0315 CHLF 48 ON 2330 WSBT 22 IN 0454 W50BE OH  
0420 CBLFT 53 ON-Nt # 2 0326 C\_\_ 26 ON 2340 WMLI 17 MI 0456 WFSJ 51 OH  
0546 W72AQ NY (CQWS Brighton) 2359 WKAR 23 MI 0506CBLFT 34 ON  
0550 WNEP 16 PA 0332 WXON 20 MI 6/17 0132 CBCE 16 ON 7/20 00009BEFT 54 ON  
0557 W81AI NY 0333 WEYI 25 MI 6/28 0915 WFLM 28 MI 0000 WJWP 36 ON  
0615 WSNR 43 NY 0357 CBLN 34 ON 0000 WSTE 30 OH  
0623 WYOU 22 PA 0412 WADL 38 MI (CICO 28 off) 0015 CIII 22 ON  
0626 WATM 23 PA 0420 Re1 44 MI?-Nt # 5 7/1 0037 CBLN 34 ON 0022CBLFT 48 ON  
0636 WJIA 44 PA 0515 CBLN 64 ON 0060CBLFT 68 ON 0032 W48AP OH  
0640 W50AJ NY CBEFT 54 ON 0122 WYOU 22 PA 0105 WDLI 17 OH  
0722 WPMF 43 PA-Nt # 3 0523 WJUG 33 IN 0144 WETM 18 NY 0107 W3Z OH  
0731 WLYH 15 PA 0527 W48AP OH 0814 WEYI 25 MI 7/22 2347 WSNR 43 NY  
0745 WITF 33 PA (Toledo Box) 0817 Ft W 33-39 2352 W62AN NY  
0752 W60AD NY 0547 W6GBV MI 7/2 0020 WNEP 16 PA 7/23 0007 WTVU 33 NY  
0755 W8QAK NY 0547 WSMH 66 MI 0025 WYOU 22 PA 0010 WJUR 20 NY  
0805 WUTR 20 NY 0600 WTLJ 54 MI 0026 WENY 36 NY 7/24 0155 CICO 19 ON  
6/2 0900 CHOT 40 PQ 0630 WMMO 24 OH 0027 WOLF 38 PA 0155 CHLF 25 ON  
6/3 0216 CICO 24 ON 0710 WFWA 39 IN 0030 Chatham 48-64 0150 CICO 24 ON  
0220 CBLFT 25 ON (w/gd evening sld) 0350 WBRE 28 PA 7/27 0052 WEYI 25 MI  
0230 C9BT 59 ON 0710 WANE 15 IN 0230 WMCB 23 IN  
0235 CHLF 39 ON 0710 WPTA 21 IN 0240 Ft. W 21-33-55

EXCEPT FOR THE NEW STATIONS, SATELLITE NUMBERS ON CANADIAN STATIONS ARE OMITTED.

Notes:

....# 1 Running both main and standby xmters. heavy zero beat. Main had TP and standby had an ID slide. ....  
....# 2 Both running Phillips TP from Montreal. CBLFT not on. Not sure if feed was shunted through Toronto or picked up in London on a dish. CBLFT9-53 does not feed off of CBLFT8-61. Both CBLFT10-48 and CBLFT17-68 are able to switch between CBLFT9 and CBEFT. Once when CBLFT and CBEFT ran different movies, CBLFT10 had CBEFT's movie and after when it was over, it switched to CBLFT9. One morning, CBLFT17 was running the TP that CBLFT9 runs All Nite. I saw it switch to the slide that CBEFT runs. ....# 3 Mixing with WSNR and WJAB. Never seen a three way fight on 43 before. ....# 4 With WTLI -50. I count off channel phantoms as different from the on channel operation. After all, if a station drifts a whole channel or changes channel it is new. As well, there is a real signal one channel off. Note this is based on output channel, not input channel. ....# 5 Not WTLW, W44AG TBN. CITY-57 produced an image on the Icon at the same place. CITY was running a movie with folk rock music & it was mixing with the gospel from this thing.

(Mike Reid's report continues on the next page-BN)

Mike Reid continued from the last page.....

Due to the odd weather, this season has produced a lot of small short lived openings not always when you expect them. It is odd to look at the paper and see on some days that Yellowknife is doing better (and not just cool days either). At the start of the 6/14 opening, the tropos would be strong towards the east & North East then switch to the West & SW ten minutes later and switch back again after that. My unid ch 30 from 12/10 appears to be WMT 30. I got a letter from Tom Bryant the same day the VUD with the last CCI column arrival. They agreed. There was a 17+ with it, which fits Nashville- but not enough details to count it. My second close call with WZTV. WMT is a relog. W39BC, Buffalo NY is on with a religious net called 'Family Net'. this station speaks volumes about FCC engineering standards. most of the time, they are out of sync. When they are in sync, there are usually one or two kinds of CCI-like patterns on the screen. I've seen skip thats more watchable. Haven't heard a code ID, either. ~~\*\*\*~~ (Editors' comments- Personally, I see at least 2 major FCC rules being broken, the FCC has been cracking down with very high fines for such serious violations -fines as high as \$10,000 per violation are being levied. It is up to us, we DXers to report these violations to the FCC. Maybe sending a video tape of the stations not adhering to FCC rules and not properly ID-ing to a FCC field office-for evidence : would ensure that these stations comply to the FCC rules or face high fines. As long as these "LPTV's" with no real entertainment value clog up the TV dial with useless programs and then go to create interference and fail to ID, then maybe we should in fact report these to the FCC. If they can't meet broadcast standards...they should go off the air until they do! This comment was the ETVDX editors' & and not of the reporter or the WITDA-BN) ~~\*\*\*~~ I noticed Bruce Hall's remarks about skip on U.S. Memorial Day. There have been tropos opening on U.S. Thanksgiving. I think there's a plot here. 73's Mike

Eric Voytko 1721 Dalewood Place, McLean, VA 22101 703-356-9663

Equipment; UHF-Screened 6' Channel Master dish, Winegard CP-4800 preamp and 6 UT-2700 traps  
HD73-1 rotor, RG11/064 Foam, 35' AG  
VHF-Channel Master Quantum 1110, Archerotor, RG11/064 foam, 35' AG  
RECEIVERS-Icom TV/R-7000, JVC HRD970U VCR, Zenith and Sony Monitors

## June 1992

3 Es 1006 KOET-3 OK 1030	20 Es 1104 WBRZ-2 LA 990	10 Tr 2315 Durham 17-28-36
1100 KYTV-3 MO 870	2100 <u>KLNE-3</u> NE 1190	7 Tr 0615 Altoona 10-23-47
4 Tr 0625 WJGM-40 NJ 130	2130 WBRZ-2 LA 990	18 Es 1058 KJRH-2 OK 1030
0627 WXTV-41 (NY) 210	21 Es MUF-2	1130 KOET-3 OK 1030
0700 W40AH VA 150	July 1992	1357 KLNE-3 NE 1190
0702 WHRO-15 VA 150	7 Es 1936 KATC-3 LA 1060	2052 <u>KMTV-3</u> NE 1010
(AMP FAILURE)	Tr 2320 <u>WUNJ-25</u> NC 230	2110 to 2200; KLNE,
9 Tr 2146 WTKR-3 VA 150	2326 WUNJ-39 NC 320	KQTV, KSNK, KSNW
2146 WAVY-10 VA 150	2327 WKFT-40 NC 240	27 Tr 2141 WNJS-23 NJ 130
12 Es 2054 2 & 3 Loaded	2120 Durham 36-40	WNJT-52 NJ 160
Fr. Canadian 3	2126 WAAP-16 NC 240	2243 WYBE-35 PA rare
13 Tr 0904 <u>WJAC-6</u> PA 140	2219 WZYK-65 VA 90	2310 WQPT-36 MD rare
Es 1001 WESH-2 FL 730	13 Tr 0534 WPDE-15 SC 340	28 Es 1007 <u>WBAT-2</u> WI 680
1300 WBRZ-2 LA 990	(solid)	1059 KGAN-2 IA 810
1300 KATC-3 LA 1060	0545 Durham 22-28-36	30 Es 2245 MUF-3
2134 KOTV-6 OK 1030	0630 WUNJ-39 (weak)	August 1992
17 Es 1735 MUF-6	16 Es 0858 KSNK-2 KS 1160	1 Es 1235 MUF-3
1800 KSNW-3 KS 1110	2118 KQTV-2 MO 940	1300 WBRZ-2 LA 990
1804 KSNK-2 KS 1160	1950 MUF-6	1327 KETS-2 AK 890
1821 KJRH-2 OK 1030	1959 WBRZ-2 LA 990	2 Es 1145 MUF-2
1827 <u>KMOS-6</u> MO 870	2041 <u>KAUZ-6</u> TX 1230	4 Es 1810 KPRC-2 TX 1230
1831 MUF-88.1	9 Tr 0613 WRDC-28 NC 240	1815 KBTX-3 Tx 1210
1903 KOTV-6 OK 1030	0613 WYED-17 NC 240	(super strong/stable)
1908 KPDX-3 TX 1240	0615 <u>WTVD-11</u> NC 240	5 Es 1824 KJRH-2 OK 1030
	0618 WPDE-15 SC 340	

I would say that June and July have been fairly good for Es, considering the limited time I have to pursue DX'ing. This is my second skip season, thus many stations are new loggings. From my perspective it has been ten times better than '91. On July 28 I logged my shortest skip ever, via VCR taping, off the back of the antenna! It pays to set your VCR on a lowband channel while at work. The short tropo on July 27 was unspectacular, but brought some freakish signal strengths. WPMT-43/WLYH 15.85 miles, were over 40db on the Icom's meter, outperforming the Baltimore U's. I even had a picture image of 43 on 38, unusual for a station that distance (at least for me)

My recently resurrected PA4975 died again, this time for good apparently. I'm using a CP4800 as a backup and it works well, but overloads more than the the 4975. Michael Parks directed me to Ford Electronics, who still have a few PA-4975's left, but am also considering the RDX amp.

Editors' tidbits..... Jeff Kruszka also wrote that he said there should be a VJN (Video Juke Box Network) channel guide printed in the VUD like CHA and TBN channel guide/station listings were published in the VUD some time ago. Also to clarify the heading in this month's ETVDX. It should read that Jeff's VCR has a switchable ON-OFF Video Muting.....-BN

Dave Nieman 12284 Nice Road, Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VIII on a CDE rotor at 23 feet. Channel Master 4251 UHF (1' dish) with Blonde-Tongue CMA-Ub preamp on a crankup tower at 30 feet with Alliance HD 73 rotor. Using RG 11 coax for both antenna.  
New loggings are underlined. New call {KKKK}.

JULY 1992 7 Es 1430 WDSU 6 LA 1097 11 Es 2030 WEDU 3 FL 1064  
1 Tr 0900 WFXT 25 MA 374 1500 WEAR 3 FL 987 18 Es 1400 KSNW 3 KS 1058  
0900 WHHH 66 MA 356 2038 KFDM 3 AR 988 2030 KTBS 3 LA 1096

Fast moving weather systems and lots of rain has shut-down any chance of good tropo. E-skip season is far from over but the openings are fewer and much shorter in duration. Dave

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

Equipment: RCA 9" b&w TV, Radio Shack V-110 VHF at 25 feet, Channel Master 4225A UHF with DX Tele Lab EU-4S preamp at 30 feet both antenna on Radio Shack rotor. Using RG-6 coax.  
New loggings are underlined. New call {KKKK}.

JULY 1992 26 Tr 0701 W39BC NY 61 26 Tr 0741 W46BA NY 40  
26 GW 0700 W20AB NY 3 Buffalo (Fam. Net.) Jamestown (WNED-17)  
Olean (Ch. Am.) 0730 WYTV 33 OH 129 0800 WUAB 43 OH 194  
0900 WAKC 23 OH 170

I mounted the VHF/UHF antennas on a 20 foot guyed mast for now, they do work better. Seen some skip on the 25th (best to southwest) around 10:00 AM with and MUF of 90.7 FM. Stayed in till past noon but I had no ID's. Dave

Matt Sittel, 603 Fulton Rd., Apt. B-24, Tallahassee, FL 32312 (904) 386-2212

Kingsport, TN DX:

## July 1992

3 tr 1452 WTCI-45 TN 179	16 Es 1213 KSNK-2 KS 901	21 Es 1129 KCWC-4 WYt
1455 <u>WDSI-61</u> TN 178	tr 1336 WKRN-2 TN 244	1130 KDLO-3 SD 982
1458 WTVG-9 TN 132	Es 1359 KNOP-2 NE 1032	1131 KXMA-2 ND 1265
1516 WDEF-12 TN 133	2059 KDLO-3 SD 982	1158 KUSD-2 SD 929
4 Es 1144 unID-2	17 Es 1552 unID-2	1158 unID-6
5-11 out of town	18 Es 1148 KLBV-4 KS 1033	1159 KPRY-4 SD 1062
11 Es 2222 unIDs-2,3	1159 KLNE-3 NE 955	1225 KWGN-2 CO 1252
12 Es 1047 unIDs-2,3,4	1359 KRME-3 ND 1172	1226 KCNC-4 CO 1252
13 Es 1127 unIDs-2,3	21 Es 1029 KGFE-2 ND 1126	1241 KLBV-4 KS 1033
15 Es 1258 KNOP-2 NE 1032	1051 KOTA-3 SD 1209	1259 KNOP-2 NE 1032
1259 KTVS-3 CO 1142	1056 KDUH-4 NE 1172	22-29 out of town
1328 KLNE-3 NE 955	1117 KTW-2 WY 1335	30 tr 1159 WAVE-3(IN) 226
16 Es 1136 CKPR-2 ON 898	tr 1126 WKRN-2 TN 244	1159 unID-4

This has been the worst season I can remember for E-skip! Even though I have been out of town a lot, the amount of skip out there has been less than previous seasons. I can see how seasons like this can make DXers give up the hobby! I am hopeful that DX in FL will rejuvenate my current lack of enthusiasm for '92's DX conditions! John Combs has already shown us that Tallahassee can get in on lots of good DX. Now I just hope that grad school won't eat up all of my free time! 73's Matt.

New guidelines go into effect with the November submissions. From now on, please list your MUF in a separate section and not in the TV DX catches, just like some reporters do in Western TV DX.

Also please list only DX catches in your submitted column format such as 7/11 Tr 2100 WAAA 37 NY 200-s/f Please don't list anything else in the column section. Don't add stuff like... "Syr, Scranton-s/f or CCI on Local WDX or Boston UHF's 25, 38, 56, 66" -etc This really should not go into the COLUMN FORMAT. After awhile everything looks very cluttered and very hard to scan. Instead delegate all this stuff to

Note # 1, Note # 2, Note # 3-Etc, on the bottom of the reports in the "Notesection" is where all this really belongs, not in the actual DX catches. There are no changes for narrative reports, except try to keep everything in order. In narrative you CAN use "Scranton 16, 22, 28, 38, 56-etc, Not on column format.

Please list translators IN the column as before, underneath the primary station as always as before, but keep it short please.

If I get anymore reports where the time of your DX catches were not in successive order and even some dates (!) of the catches were not in order. If I get anymore reports with catches listed like 2120, 2114, 2117 2112-etc, your report will be returned to you to be corrected. 98% of you have been following these guidelines already, and I thank you. But a few out there have been making things a bit harder to do up ETVDX, and these changes ARE for the better, making ETVDX easier to scan & making the columns clutter free! Thank! -BN

# WESTERN TV-DX

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

(612) 735-6860

Deadline: 10-08-92  
Cut-off: 07-01-92

September 1992

Judging by the size of this month's column, one might assume that July 1992 was an exceptional month for TV-DX. Unfortunately, it was not. The column is dominated by older loggings.

With a few notable exceptions, July was non-eventful. E skip was reported on the following dates: 1,4,5,6,7,8,10,11,12,13,14,15,16,18,20,21,22,25,28,29, and 31. That is a fair number of dates, but the openings did not seem to produce much.

Jeff Kruszka in Louisiana got into a fine gulf tropo opening from the 5th to the 8th. Also reporting 500+ mile tropo in July was new reporter Jim Dietrich pulling in south Texas UHF's from Derby, Kansas. Dave Pomeroy also had a nice tropo opening with numerous north Texas and Oklahoma translators being caught on the 15th.

A special welcome to new reporters Jim Dietrich and Mike Hawk. I hope to hear from both of you regularly. Anyone reading this column from the Western TV-DX region is encouraged to send in a report. Your DX is significant no matter how few loggings you may have. There are a host of states never heard from in Western TV-DX. Maybe DX never happens in Arizona, New Mexico (we know better than that, Jim Pizzi!), Nevada, Utah ....?

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

BN Baja California Norte CU Coahuila NL Nuevo Leon  
CH Chihuahua DF Distrito Federal TA Tamaulipas

ANC All News Channel TAB Three Angels Broadcasting  
CBN The Family Channel TBN Trinity Broadcasting Network  
CHA Channel America TBS TBS SuperStation  
CNN Cable News Network TNN The Nashville Network  
HSC Home Shopping Club USA USA Network  
HSS Home Shopping Spree VJN The Jukebox Network  
LIF Lifetime VVN Valuevision Network  
SHO Showtime

Jim Dietrich, PO Box 88, Derby KS 67037

CDT

### Equipment:

Samsung 5" black & white Model TB-0550, 10' HB yagi ch 14-45 with RDX Labs UA-900 preamplifier at 30'.

April 1992		May 1992		July 1992	
29 tr 0700	KHIN 36 IA 285	30 tr 1059	K54DT 54 TX 420	12 tr 0543	KMEG 14 IA 345
1000	KBIN 32 IA 270		(Abilene KIDY- 6)	0554	K7180 71 KS 80
1015	KPTM 42 NE 260		1110 KTAB 32 TX 430		(Herington KAKE-10)
	(All snow free)		2300 KXAN 36 TX 500	0607	KHIN 36 IA 285
30 tr 0025	KDNL 30 MO 400	1 tr 0313	KXLN 45 TX 560		KBIN 32 IA 270
0500	WEVV 44 IN 525	0431	KWKT 44 TX 425		( See Note # 2 )
0524	KBSI 23 MO 430	0436	KUVN 23 TX 325	1 tr 2330	KXAN 36 TX 500
0531	KWKT 44 TX 425	0510	KBSI 23 MO 425		KWKT 44 TX 425
0535	WICS 20 IL 450	0516	KASN 38 AR 360	2340	KXLN 45 TX 560
0538	WYZZ 43 IL 480	0528	WICS 20 IL 445	2 tr 0020	KABB 29 TX 560
0545	WRSP 55 IL 450	0546	WCFN 49 IL 445	0459	KLAX 31 LA 520
0605	KRIN 32 IA 430	0549	WYZZ 43 IL 480	0510	WLMT 30 TN 440
1045	KTXA 21 TX 340	0550	WMBD 31 IL 470	0521	WXVT 15 MS 470
	KDFI 27 TX 340	0554	WXMT 30 TN 590	0527	KCIT 14 TX 295
	KDAF 33 TX 340	0601	WBAK 38 IN 545	0535	KMSS 33 LA 395
	KXTX 39 TX 340	0620	WEVV 44 IN 525		( See Note # 3 )
	KJTL 18 TX 250				
1055	KWKT 44 TX 425				

Note # 1 - A continuous two day opening with many stations snow free.

Western TV-DX

September 1992

Jim Dietrich (Continued)

Note # 2 - Heavy fog locally. These were all snow free. Signals were strong only from the north.

Note # 3 - The opening was to the south generally. To the north, KPTM-42 at 260 miles was about average strength.

A severe hailstorm on June 19th left the UHF yagi in a "modified" condition so I'm replacing it with a 10 foot dish. No, it's not logical, but I've been planning the upgrade for some time. Should be up within two weeks.

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

PDT

Equipment: See July 1992 Western TV-DX.

June 1992		July 1992	
28 Es 1931	KNAZ 2 AZ 1137 (Over CBut)	6 Es 2100	KGFE 2 ND 1163
29 au 1829	CFJC 4 BC 186 (Audio only)	7 Es 0600	KBME 3 ND 1062
2218	CBUCT 3 BC (Audio only)		KTVN 2 NV 670
2230	KXLY 4 WA 300	0619	\$KVBC 3 NV 986
			2 NV
			(Unknown KVBC- 3)
		2100	KKTO 2 NH
		2330	KYTV 3 MO 1725
		8 Es 1800	KVBC 3 NV 986
		1900	KTVK 3 AZ 1223
			KCCZ 4 UT 940
		2000	KTVU 2 CA 769
			KCRA 3 CA 739
		11 Es 2000	\$KTVK 3 AZ 1223
		12 Es 0600	\$KUTV 2 UT 795
		2027	CBWFT 3 MB 1167
			0614 \$KTVX 4 UT 795
		12 Es 1200	KTVU 2 CA 769
			KCRA 3 CA 739
		14 Es 0800	KINT 3 IA 1596
		15 tr 2000	KREM 2 WA 299
			(Audio - o/CBut)
			KXLY 4 WA 300
		2100	KLEW 3 WA 341
		Es 2200	KREG 3 CO 1028
		16 Es 2027	\$KTVK 3 AZ 1223
			2033 KNAZ 2 AZ 1137
		18 Es 0730	\$KEYT 3 CA 1006
		20 Es 1930	KLNE 3 NE 1311
			2000 KTBS 3 LA 1887
			2029 \$KMTV 3 NE 1428
			2032 KTIV 4 IA 1376

June 29th aurora was only strong enough to produce intelligent video on KXLY-4. On the 7th, KVBC-3 appeared on channel 2. Signal hovered on channel 3 at the same time so I doubt it was an image. This was in for about 20 minutes. (Nice logging, Mike. Unfortunately, with several channel 2 translators of KVBC existing, it won't be possible to establish the actual origination of the transmission. fm)

There has been a cooling of E skip openings since early July, perhaps due to geomagnetic disturbance. July 20th, I was delighted to see KTBS-3 make its now annual appearance. At the same time, I had double hop E skip on 6 meters to Arkansas, Louisiana, and Oklahoma.

John Ebeling's unid channel 4 ("5" on screen) was probably a CKBI-5 Saskatchewan translator. 73's, Mike VE7SKA

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT

Equipment: See July 1992 Western TV-DX.

Not much of an E skip season yet. Most openings were weak and didn't get above channel 4.

June 1992		July 1992	
8 tr 0545	WWAT 53 OH 405	12 Es 2029	CBXT 5 AB
10 tr 0656	W64AU 64 WI 120 (Adams WHRM-20)	2050	CKSat 2 AB
11 Es 1059	KKTO 2 NM 1165 (HSS)		KBME 3 ND 660
	1215		KXGN 5 MT
	1250	2059	KXMA 2 ND 760
	1305		KRTV 3 MT 1155
	1310		KWSE 4 ND 820
		2105	KOUS 4 MT 1005
			CKKX 2 AB
			KFB 5 MT
		2124	KTVQ 2 MT
			( "News West" )
12 Es 1925	unid ch 2 south	13 Es 0510	unid ch 2 nw
2018	unids chs 2-5 nw	1358	WCBD 2 SC 900
	CKCK 2 SK		WWAY 3 NC 865
	unids chs 3, 4		WJXT 4 FL
	2029		WCSC 5 SC 900
	CFQC 3 SK 1015		WFMY 2 NC 715
			2259
			KDUH 4 NE 805
			2301
			KOTA 3 SD 780
		13 Es 1358	WEDU 3 FL
			WCIV 4 SC 900
		1959	KFDX 3 TX 935
			KENW 3 NM 1145
			KAUZ 6 TX
		2028	KARK 4 AR 715
			WCTV 6 FL
			WESH 2 FL
		2112	WEDU 3 FL
		2158	KENW 3 NM 1145
			KAMR 4 TX 985
		2215	KRMA 6 CO 965
			KCNC 4 CO 965
			KWNC 4 WY 1065
			KWGT 2 CO

<b>William Draeb (continued)</b>		14 Es 1800 all gone 1904 unid ch 3 south unid ch 2 south	20 Es 1145 KCNC 4 CO 965 2112 unid ch 2 west unid ch 3 Canada
13 Es 2315 KOB 4 NM 1185 2349 KTWOt 2 WY 2400 KCWC 4 WY 1065	15 Es 1315 KCWC 4 WY 1065 CBRT16 4 AB1195 ( See Note # 1 )	22 tr 0521 W54BK 54 IN 205 WUOC 44 OH 435 WEVV 44(KY) 455 WDRB 41(IN) 430 2159 W18AT 18 IN 195 (Snow free) (Gary LPTV)	
14 Es 0955 unids chs 2, 3 KOB t 4 NM 1058 XHPN 3 CU 1300 ( See Note # 2 ) KACB 3 TX 1130 (KRBC-9 ID)	16 tr 0600 W54BK 54 IN 205 (Chesterton ANG) 0612 WTBW 69 IN 325 W13BQt 13 IN (Portage LPTV)	27 Es 1158 KDFW 4 TX 965 KMOL 4 TX 1200 tr 2350 W29BE 29 MI 110 (Muskegon TBN)	
1114 KWABt 4 TX 1150 KFDX 3 TX 935 1159 KENW 3 NM 1145 KACVt 2 TX KAMRt 4 TX KMIDt 2 TX 1359 KTXt 5 TX KLBY 4 KS 795	Es 0629 unids chs 2-5 s (No time to DX ) 1300 all gone 1819 WCBdt 2 SC WCIVt 4 SC WESHt 2 FL WEDUt 3 FL 1827 KRTV 3 MT 1155 17 Es 1658 KATC 3 LA 1030 18 Es 2320 KDTNt 2 TX unid channel 3 2314 W18AT 18 IN 195 (Morse Code ID ) KDFW 4 TX 965 KXAS 5 TX 965 unid channel 6 19 Es 1330 KRTV 3 MT 1155 2105 unid ch 4 Canada 20 Es 0200 unids chs 2-6 nw 0430 unids chs 2-4 nw 0810 unid channel 2+ 0830 KRTV 3 MT 1155 0840 KTVQt 2 MT 1145 unid channel 2 KTVS 3 CO 830	28 tr 0630 W18AT 18 IN 195 W54BK 54 IN 205 30 tr 2235 W33ARt 33 IL (Rockford WCIU-26) Rockford45,62,68 W33AX 33 WI 135 (Madison TBN) ( See Note # 3 ) 2106 unid ch 2+ south unid ch 3 south unid ch 2-	
1404 KBSDt 6 KS 1451 KRMA 6 CO 965 1459 KCNC 4 CO 965 KOAAt 5 CO 1557 KOTA 3 SD 780 KDUH 4 NE 805 1601 KOUS 4 MT 1005 1604 KTVQt 2 MT 1610 KCWct 4 WY 1625 KBME 3 ND 660 KLNE 3 NE 670 KTWOt 2 WY 1640 CFQC1 3 SK 1085 1648 KWSE 4 ND 820 1659 CBKT1 4 SK 950 1719 CJFBt 5 SK		July 1992 4 Es 1808 unid channel 2+ 5 Es 1000 unid channel 2- 2106 unid ch 2+ south unid ch 3 south 6 Es 1405 unid ch 2-	

Note # 1 - Coutts/Milk River - "LETHBRIDGE" seen with local programming.

Note # 2 - Soccer match in Spanish. Network program. Network logo in upper left corner of screen.

Note # 3 - Snow free. Morse Code ID at 2303. No tone heard, but it modulated the picture as it took place (visual Morse Code).

This past weekend Robert Kramer called me to say that the channel 54 with Catholic programming which I saw wasn't W54BK, but was W54AP Mokena, Illinois (Blue Island per FCC. fm). That same evening they were in again with a movie entitled "Heidi" which was followed by the Rosary and color bars with ID in upper right corner and sign/off at 2215. There was no mistake this time as the picture was snow free.

Mike Hawk, 10212 P St., Omaha NE 68127-2130

CDT

Equipment:

VHF: Bradford B&W TV and FM-10 up 30'. UHF: Korvette brand TV (Toshiba parts) with loop at 1' above the ground (in the basement!).

July 1992 9 tr 0200 KWQC 6 IA 279 16 tr 0846 KITN 29 MN 297 0848 KYIN 24 IA 198	16 tr 0852 KTIN 21 IA 131 0858 KTKA 49 KS 151 0859 KTAJ 16 MO 118 0900 KDMS 17 IA 129	16 tr 1028 KMCI 38 KS 161 1030 KCPT 19 MO 167 1037 KHNE 29 NE 129
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June was real good for TV and FM, but July was terrible. I had a report ready to send to Fred in May, but all my files got erased on my word processor! It was mainly E skip, with about two dozen loggings.

Tropo had been pretty good until we got in this cold and wet weather pattern. We just finished the coldest July ever in Omaha, as well as one of the two wettest ever!

I usually only DX TV after the openings seem to be getting less productive on FM, as well as when I follow E skip MUF through channel 2, etc.

The small July 16th tropo opening was pretty good, with very strong signals, but nothing of any great distance logged. I have locals on channels 3, 6, 7, 10, 12, 36, and 42. Channels 3 and 6 being occupied makes E skip monitoring fairly tough. 73

Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDT

Equipment:

Archer Antennas: VHF-FM model 15-8654. UHF model U-120. Both mounted on Channel Master Crown rotor. UHF 4 feet above rotor, VHF-FM 1 foot above rotor. Rotor mounted on 5 foot pole, chimney straps. Archer amplifier model 15-1113, adjustable 10-20 dB, connected to UHF. Sony colour TV model 13TR14, purchased in 1991. Electrohome VHS VCR. Philips stereo converter model CT 3600 which has separate inputs for cable, VHF and UHF.

Channel 3 received over CBUT-2 rebroadcaster at Chilliwack, British Columbia, 56 miles east, 590 Watts erp. This rebroadcaster stays on all night with a colour bar and is fed by CBC North. CBUT's main transmitter on channel 2 signs off air after signoff.

May 1992 15 Es 1030 KOTA 3 SD 1002 29 tr 2030 K6BDL 68 WA 111 (Seattle TAB) 2100 KEBN 32 OR 288	13 Es 2000 KLBY 4 KS 1269 (Over KOMO) 2030 KTVX 4 UT 794 (Over KOMO) \$KCRA 3 CA 757 2100 XHBC 3 BN 1210	8 Es 1700 \$KVBC 3 NV 996 2037 KCRL 4 NV 681 (Over KOMO) 12 tr 0230 KATU 2 OR 262 24 tr KEBN 32 OR 288 (All day!) 25 tr 0130 K BSP 22 OR 288 (Over KTZZ-22)
June 1992 6 tr 0200 \$KATU 2 OR 252 0230 KNMT 24 OR 252	July 1992 6 Es 2000 KOTA 3 SD 1002	

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HI "Q" trap, and Zenith Z1920W 19" color TV.

May 1992 5 Es 1730 KPRct 2 TX 2200 KVBC 3 NV 1350 12 Es 1648 KENWt 3 NM 16 Es 2304 KIII 3 TX 1261 18 tr 2348 WDAY 6 ND 261 2351 KDLO 3 SD 260 2352 KTHI 11 ND 274 2354 KFME 13 ND 260 2358 KXJB 4 ND 274 ("KX4") 25 Es 1149 WSAV 3 GA 1094 1400 WCBd 2 SC 1092 1401 WCIVt 4 SC 1942 WMAR 2 MD 900 1956 WRC 4 DC 896 WTTGt 5 DC 2012 WCAX 3 VT 952	8 aE 0108 WLNE 6(RI)1087 0111 WFSB 3 CT 1005 0135 &CBFT2 3 PQ 799 Es 1400 KMID 2 TX 1065 1410 XEPM 2 CH 1215 1422 KENW 3 NM 1017 1500 KKTO 2 NM 998 10 Es 1357 KATC 3 LA 1062 1359 WBRZ 2 LA 1046 1458 KJRHt 2 OK 1500 WDIQ 2 AL 1008 1820 KENW 3 NM 1017 1900 KREG 3 CO 872 ("5-10-6-3" ID ) 1912 KMID 2 TX 1065 11 Es 1259 KENW 3 NM 1017 1300 KNAZ 2 AZ 1241 1318 KKTO 2 NM 998 1319 KTVK 3 AZ 1341 1400 XEPMt 2 CH 1544 KNAZ 2 AZ 1241 ms 1630 KACVt 2 TX 12 Es 1259 KPRC 2 TX 1109 2125 KIDK 3 ID 1012 KRTVt 3 MT 2200 KLEW 3(WA)1191	13 Es 0122 @KKTO 2 NM 998 0148 KNAZ 2 AZ 1241 0201 KOTI 2 OR 1476 (New State # 43) 0214 KBCI 2 ID 1175 2130 KBTX 3 TX 1047 WLBt 3 MS 918 2159 KATC 3 LA 1062 14 Es 0100 @KKTO 2 NM 998 KIDK 3 ID 1012 0207 =KENW 3 NM 1017 0213 KJRH 2 OK 672 0215 KMID 2 TX 1065 18 Es 2200 unid channel 3 19 Es 0123 KMID 2 TX 1065 0135 KNAZ 2 AZ 1241 0215 @KKTO 2 NM 998
June 1992 4 Es 1526 KATC 3 LA 1062 5 Es 1200 WMAR 2 MD 900 1300 WKTV 2 NY 872 1328 WFSB 3 CT 1005 8 aE 0106-0231 many Cana- dian unid chs2-6	6 Es 1900 unid ch 2z NBC 7 Es 1158 WEDU 3 FL 1333 20 Es 1730 unid ch 2- NBC 21 Es 1657 KENW 3 NM 1017 28 Es 2111 KENWt 3 NM 31 Es 0032 KTVK 3 AZ 1341	July 1992 6 Es 1900 unid ch 2z NBC 7 Es 1158 WEDU 3 FL 1333 20 Es 1730 unid ch 2- NBC 21 Es 1657 KENW 3 NM 1017 28 Es 2111 KENWt 3 NM 31 Es 0032 KTVK 3 AZ 1341

There seems to be an inordinate amount of E skip from the west/southwest this year vis-à-vis the more typical east/southeast. KOTI-2 was a pleasant surprise. They came in on top of KNAZ with an ad for Crater Lake Ford in Medford then went back to the Tonight Show. This station broke my old E skip distance record by 111 miles.

Local KTCA-2 was kindly absent during many of the skip openings in June. they were off the air each afternoon June 6-12 for antenna repairs.

Trops have definitely been lacking this summer which has been unusually cool here in the upper Midwest. A Twin Cities meteorologist remarked that the official high temperature made it into the 80s only three times in July!

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment: See July 1992 Western TV-DX.

July 1992		21 Es 1720		KREG 3 CO 933		28 Es 1000		WGBH 2 MS 918	
7 Es 0950	WESH 2 FL 985	1725	KWGN 2 CO 811	1030	WFSB 3 CT 842	1130	WTKR 3 VA 767	29 Es 0455	WESH 2 FL 985
1000	WPBT 2 FL 1229	tr 2245	WBTU 69 IN 214	0457	CFAP 2 PQ 938				
1015	WEDU 3 FL 1031	22 Es 1100	WESH 2 FL 985						
1300	WWAY 3 NC 800		WWAY 3 NC 800						
13 Es 0905	WPBT 2 FL 1229	28 tr 0435	WLMT 30 TN 451						
21 Es 1050	KNAZ 2 AZ 1258	Es 0930	WCBT 2 NY 792						

I had seventeen skip loggings from June 20th through July. All but three were AM. That is the least through the prime season I can remember.

I had a rare early AM opening into Quebec. The info on the color bars was different than anything seen before on that channel. I hope to verify my conclusion as to their origin from photos at the convention. At prime E skip distances, I've certainly seen them in the past. I've never seen any of the French Canadians ID during programming. This was a rare opportunity to positively ID them.

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CDT

## Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with winegard PA-4975 preamplifier, RG-11, at 40 feet.

## May 1992

1 tr 0232	OKSWO 7 OK 618	8 Es 0900	XEFB 2 NL 1161	10 au 0512	unid 14- audio
	OKC UHFs 502		WBRZ 2 LA 701		(Only from ne!)
0248	KWKT 44 TX 733		WEDU 3 FL 990	tr 0531	K45DF 45 MN 255
0251	Tulsa 41, 47 410		KMOL 4 TX 883		(Austin STV-CBN)
	K26CR 26 MO 231		KDBC 4 TX 1063	0537	WHLA 31 WI 234
	(Kansas City HSC)		unid ch 4 Mexico		(LOCAL!)
0308	W43AG 43 KY 301	1030	KGBT 4 TX 1069		WHWC 28 WI 323
	(Hopkinsville LPTV)		KRGV 5 TX 1069		(Rare - strong!)
0309	K43CJ 43 AR 299		KRIS 6 TX 962	0538	W25AN 25 WI 390
	(Mountain Home TBN)	1223	WCPX 6 FL 979		(Lac du Flambeau STV)
0315	KXLN 45 TX 800		WESH 2 FL 952	0540	W49AG 49 WI 200
0318	KERA 13 TX 646	9 tr 0506	KTBO 14 OK 502		(Bloomington WHLA-31)
	OKTEJ 19 AR 314		W43AG 43 KY 301		(Snow free)
	("AETN")		Huntsville 31,		&WLEF 36 WI 379
0350	KFDXt 3 TX		48, 54 455		&WHRM 20 WI 312
0438	KXAM 14 TX 807	0513	WLCN 19 KY 274		K39AS 39 IA 161
	(//KXAN-36 ANC)		(Snow free)		(Marshalltown CHA)
0447	OKUVN 23 TX 561	0520	WLMT 30 TN 356		( See Note # 2 )
	( See Note # 1 )		(Snow free)	0608	K14AF 15 IA 205
0523	KVDA 60 TX 882	Es 1745	WMAR 2 MD 743		(Decorah KYIN-24)
0529	KXAN 36 TX 806	10 tr 0220-0300	Many OH Us		(w/WLAX-25 vid)
0531	KAFT 13 AR 369		CIII22 22 ON 420	0637	K74CZ 74 MN 254
0545	OKFAA 51 AR 359		K38CL 38 MN 254		(Winona KITC-10)
	KRIV 26 TX 800		(Winona KITT-29)	0720	K63DY 63 MN 425
	OKXII 12 OK 557		KXLI 41 MN 374		(Little Falls KMSP- 9)
0550	OKBVO 42 TX 806		KXLT 47 MN 264		K57CN 57 MN 281
	("WHS-515")	0418	K51CY 51 MN 255		(Wabasha KSTP- 5)
0556	KL TJ 22 TX 800	(Austin	STV-USA)	0750	K38CL 38 MN 254
0640	KFWD 52 TX 646		K53DI 53 MN 255		(Over K38AB!)
	KTLK 43 OK 501		(Austin STV-SHO)	14 tr 0230	strong to se 300
0651	KABB 29 TX 882		(No audio)	Es 1240	OKXFE 2 TA 1026
0859	KXON 35 OK 393		K55FJ 55 MN 255		1241 XEFB 2 NL 1161
5 Es 1700	WKTV 2 NY 826		(Austin STV-CNN)	15 tr 0400	W39BH 39 IL 146
	CBFT 2 PQ 926		(No audio)		(Champaign HSS)
	WCAX 3 VT 947	0421	K49DB 49 MN 255	Es 1759	WPBT 2 FL 1164
	1705 WBZ 4 MA 1010		(Austin STV-TBS)		WTVJ 4 FL 1163
	WCVB 5 MA 1010	0427	K57EU 57 MN 255	tr 2048	Huntsville 48,54
	WSTM 3 NY 766		(Austin STV-LIF)		(Brief)
	1714 WL BZ 2 ME 1150	0440	K61EU 61 MN 255	16 Es 2327	WRBL 3 GA 648
6 Es 1120	WESH 2 FL 952		(Austin STV-TNN)	2334	WESH 2 FL 952
7 Es 1230	CBFT 2 PQ 926		(Through K61FF)		WJXT 4 FL 867

## Frank Merrill (continued)

6 tr 0705	W57BJ 57 WI 301	11 tr 0205	Marshalltown IA
	(Green Bay TAB)		translators 161
16 Es 2359	WCBT 2 SC 795		K35CFT 35 IA
	WSAV 3 GA 777		(Des Moines TBN)
	(Fence WPNE-38)	Es 1140	Arizona 2, 3, 5
24 Es 1730	WEDU 3 FL 990		( See Note # 5 )
	WESH 2 FL 952		1200 KIDK 3 ID 1146
	WPBT 2 FL 1164		1200 KTKO 2 NM 919
	WTVJ 4 FL 1163		1200 KTKO 3 ID 1146
1930	WGRZ 2 NY 641	Es 1957	KTVK 3 AZ 1276
1945	WTVH 5 NY 767	2032	KPHO 5 AZ 1276
2007	WBZ 4 MA 1010	2036-2100+	XHBCT BN
	MUF 107.9+		(Yuma on FM)
2024	WCVB 5 MA 1010	7 Es 1100	KMID 2 TX 866
	(DXed FM)	8 Es 0035	&CJBR 2 PQ 1199
25 Es 0705	WWL 4 LA 728		("Quebec")
0717	WBRZ 2 LA 701		&CBFT2 3 PQ 856
	KMID 2 TX 866		("Montreal")
0724	KATC 3 LA 725		&unid channel 3
	KALB 5 LA 658		(Full CBs no ID)
	(Rare)	0108	&CKCW 2 NB 1346
0736	KIII 3 TX 967		("ATV")
0745	KENW 3 NM 859	0113	&CKLT1 3 NB 1222
0825	WPTV 5 FL 1126		("ATV" // above)
0900	WUFT 5 FL 874	0130	&CBHT 3 NS 1395
	WESH 2 FL 952		("CBC-N.S.")
1310	NC stuff-DXed FM	0132	&JCCHT 5z NS
1930	WTVR 6 VA 732	0156	WBZ 4 MA 1010
1945+	exc- New England	0159	unid channel 6
	(DXed FM)		( See Note # 4 )
31 Es 1900	KTVQ 2 MT 968	0220	all fade
	CKND2 2 MB 818	tr 0225	W29BE 29 MI 298
	CKYB 4 MB 782		(Muskegon TBN)
	CBKFT2 3 SK 1125	0311	KHOG 29 AR 359
		0422	WEAO 49 OH 472
			WNEO 45 OH 509
		Es 1228	WPBT 2 FL 1164
		1530	Salt Lake 2,4,5
			1127
		1600	KCWC 4 WY 944
			KTWO 2 WY 824
			KIDK 3 ID 1146
		tr 1949	KITN 29 MN 342
			KHNE 29 NE 391
			KHOG 29 AR 359
		9 Es 1100	WEDU 3 FL 990
		1900	XHRIO 2 TA 1080
			KGBT 4 TX 1069
			unid ch 3 Mexico
		tr 2040	KITN 29 MN 342
			KXLT 41 MN 374
		10 tr 0118	WQHS 61 OH 470
			0400 W29BE 29 MI 298
			(Muskegon TBN)
			WTLJ 54 MI 298
			(Also TBN)
			Fort Wayne Us288
			Northern OH Us
			Detroit UHFs 403
			WSFJ 51 OH 434
			(Strong)
		Es 1750	KTVK 3 AZ 1276
		1830	KGWL 5 WY 946
			KIDK 3 ID 1146
			unid ch 6 Idaho
		1835	KREG 3 CO 887
		1850	KREX 5 CO 954
			KCNC 4 CO 772
		1915	KNAZ 2 AZ 1197
			KNID 2 TX 866
			(Plano CHA)
			( Like a local )

Frank Merrill (continued)

14 Es 1641	CBWGI 5 MB 850	16 tr 2216	KDTX 58 TX 646
1700	CBWFT7 2 ON 670		2221 KATV 7 AR 422
	CBWFT5 5 MB 1106		2228 KVUE 24 TX 806
	( See Note # 7 )		2230 KAFT 13 AR 369
15 Es 1420	WPBT 2 FL 1164		KDAF 33 TX 646
1840	El Paso/Juarez		2242 KWEX 41 TX 880
	chs 2,4,5 1063		2243 KRRI 35 TX 880
			(In all night)
2028	KENS 5 TX 885		2245 KXTX 39 TX 646
2228	WWL 4 LA 728		KBVO 42 TX 806
2232	unid channel 2		KXLN 45 TX 800
	( See Note # 8 )		KNCT 46 TX 761
2258	WLBT 3z MS NBC		KHSX 49 TX 646
0617	WESH 2 FL 952		KRIV 26 TX 799
0620	KBTX 3 TX 747		2358 =KLRU 18 TX 806
0622	@KIKTO 2 NM 919	17 tr 0000	KITU 34 TX 732
	WBRZ 2 LA 701		( See Note #11 )
0627	KPRC 2 TX 799	0014	KTVT 11 TX 646
0630	KMID 2 TX 866		unid channel 23+
	KFDX 3 TX 628		( See Note #12 )
0633	KDFW 4 TX 646	0055	KVHP 29 LA 722
0636	WWL 4 LA 728	0200	KLSS 19 TX 651
0639	WDSU 6 LA 725		( See Note #13 )
	KACB 3 TX 818		KTBS 3 LA 566
0647	KJRH 2 OK 410	0204	KLDT 55 TX 566
	( See Note # 9 )		( "The Power Ch" )
0651	KIII 3 TX 967	0212	KXXV 25 TX 731
0654	WKRG 5 AL 691		( Over WEEK! )
0658	WEAR 3 FL 698	0228	KLTV 7 TX 602
0659	KENW 3 NM 859		( All night ABC )
0718	KATC 3 LA 725	0505	@WLMT 30 TN 368
0729	KAMR 4 TX 705		( Rare )
	KACV 2 TX 703		@KASN 38 AR 424
0737	KOB 4 NM 933		unid channel 35
0745	+KNME 5 NM 933		( See Note #13 )
	( AM Weather )	0630	Evansville 242
0824	KREZ 6 CO 952		WTCT 27 IL 218
	KOAA 5 CO 755		KHOG 29 AR 359
	( Busy on FM )		WAFF 48 AL 455
0959	KNAZ 2 AZ 1197		W43AG 43 KY 301
1023	KOB 4 NM 933		W17AZ 17 IL 215
1038	KUATZ 6 AZ		( Johnston City TAB )
1049	KVOA 4 AZ 1241	Es 1750	WECT 6 NC 780
1110	KDBC 4 TX 1063	1830	WPBT 2 FL 1164
1605	Cuba 2 ICRT TP		WEDU 3 FL 990
	( See Note #10 )	18 tr 0300	K43CJ 43 AR 299
1629	WPBT 2 FL 1164		KTBO 14 OK 502
1631	Cuba 4 ICRT TP	Es 0800	KNAX 2 AZ 1197
	( See Note #10 )	0819	KVOA 4 AZ 1241
1800	KMOL 4 TX 883	0923	El Paso/Juarez
	WBRZ 2 LA 701		chs 2,4,5 1063
1830	CKSA 2 AB 1271		KTVK 3 AZ 1276
	CITL 4 AB 1271	1934	KNAZ 2 AZ 1197
1841	CKRD 6 AB 1359	2257	WBRC 6 AL 525
1852	CFQC2 6 SK 1196		( Previously tr )
	CFQC1 3 SK 1150	2300	KOAA 5 CO 755
1859	KFBF 5 MT 1132	2302	WEAR 3 FL 698
	KXLF 4 MT 1158	2304	WTVY 4 AL 712
1938	CBXT 5 AB 1387	2328	KACV 2 TX 703
1941	CKKX 2 AB 1345	2333	KCCZ 4 UT 1216
	CFRN 3 AB 1380		KCNC 4 CO 772
1944	CFCN 4 AB 1341	2336	KWGN 2 CO 772
1957	KMOL 4 TX 883	19 Es 0009	KAMR 4 TX 705
	XEFE 2 TA 1026	0021	KKTO 2 NM 919
	XHPN 3 CU 987	0030	KENW 3 NM 859
2056	KHQ 6 WA 1404	0041	KNME 5 NM 933
2100	KRTV 3 MT 1132	0142	KGWL 5 WY 946
	KREM 2 WA 1404	0157	KTVX 4 UT 1128
tr 2216	KVDA 60 TX 883		

19 Es 0218	%CHATZ 6 AB
	( 3/4 - Clock LL )
0255	KSL 5 UT 1128
0315	KUTV 2 UT 1127
0330	MUF still 99.1!
0400	KOTA 3 SD 690
0418	CFQC1 3 SK 1150
0430	CKCK 2 SK 960
0458	&CKYB 4 MB 782
0525	CFQC1 3 SK 1150
0800	El Paso/Juarez
	chs 2,4,5 1063
	Florida ch 2
2150	CKSA 2 AB 1271
2230	CITL 4 AB 1271
20 Es 0102	CFQC1 3 SK 1150
1000	WEDU 3 FL 990
	WESH 2 FL 952
2029	CITL 4 AB 1271
	CKCK 2 SK 960
2100	CKBI3 4 SK 1028
	CKBI 5 SK 1125
2158	CFSK 4 SK 1101
2201	CKBI# 2 SK
2239	CFRN 3 AB 1380
21 Es 1213	KNAZ 2 AZ 1197
22 tr 0530	WAFF 48 AL 455
	WZDX 54 AL 455
	Total overload
	to east.
23 Es 1759	CKBQ 2 SK 1070
	( See Note #11 )
1803	CKSA 2 AB 1271
24 tr 0440	KTBO 14 OK 502
	( Local program )
0450	WTBU 69 IN 236
	Central OH UHFs
	SW Ohio UHFs
0515	Dayton 22, 45
	snow free 340
2141	unid ch 29- ese
26 ms 0237	@KIKTO 2 NM 919
	( Previously Es )
29 tr 0240	Hunstville 31,
	48,54 463
	WDSI 61 TN 465
	W53AF 53 MS 417
	( Booneville WBUY-40 )
	July 1992
4 tr 0514	W54BK 54 IN 200
0517	@KYOU 15 IA 99
Es 1100	XEFB 2 NL 1161
1650	WESH 2 FL 952
1728	WEDU 3 FL 990
	KIII 3 TX 967
	KGBT 4 TX 1069
1830	XHRIO 2 TA 1080
1838	XEX 6 ??
1850	unid ch 3- XHGC
	( Probably XHBQ )
1901	XHGC 5 DF 1541
	( See Note #16 )
6 tr 0750	K64-- 64 MO
	( Unknown VVN )
	( St. Louis hdg )
	K58DH 58 MO 140
	( St. Louis VJN )
Es 1030	CFQC1 3 SK 1150

Frank Merrill (continued)

6 Es 1030	CKCK 2 SK 960	9 tr 0448	Austin 45,51,55,	12 Es 1225	@KTX 5 TX 779
	@unid ch 3 SK		CCI 61 255	16 Es 0549	unid ch 3 PQ
	( "CBC Regina" )		K48AA 48 MN 317		( "Quebec" )
	( St. James STV )		K14AD 14 MN 392		@unid ch 3 ON?
9 tr 0420	W18AT 18 IN 191		( Willmar KSAX-42 )		( "Ottawa" )
	W54BK 54 IN 200		0500 WUAB 43 OH 469		( See Note #13 )
	@WXOW 19 WI 234		( Snow free )		&CFRS 4 PQ 1061
	weak Cleveland,		0515 WVIZ 25 OH 467		&CFAP 2 PQ 1061
	WBSX, Detroit,		( Over WEEK )		0937 CKCK 2 SK 960
	and WTLW		0530 W68AA 67 IL 162	18 Es 1759	CFQC1 3 SK 1150
0435	WTOL 11 OH 386		( Danville WAND-17 )		1815 KWSE 4 ND 841
	WUPW 36 OH 383		( w/WTJR-16 aud )		1818 KBME 3 ND 661
	( Snow free )		10 Es 1000 WUND 2 NC 834		2011 CKYB 4 MB 782
	WOAC 67 OH 490		12 Es 0718 &KYUS 3 MT 866		CKB13 4 SK 1028
0448	KXLI 41 MN 374		( S9 + 40 db )		2028 KNAZ 2 AZ 1197
	KXLT 47 MN 264		0730 CKCK 2 SK 960		CKND2 2 MB 818

Note # 1 - 0447, 01 May - This one was "down in the mud" (weak floater with WIFR-23) with other D-FWs nearby or totally snow free, yet John Combs' mileage printout shows this Dallas suburb station as 85 miles (!) closer than the Cedar Hill antenna farm. Where is their tower? (3720 Marquis Dr in Garland - about 620 miles from your house. fm)

Note # 2 - 0540, 10 May - Satellite feed ruined by microwave tropo ducting CCI.

Note # 3 - 1029, 05 June - I noticed that their ID slide co-IDs with the new channel 2 in Jackson, Wyoming, so when I get this again (VERY rarely) I'll certainly be checking channel 2 for parallels on any local stuff.

Note # 4 - 0159, 08 June - Call 346-TIPS for "News Center 6" news tips. Not WCSH-6, Maine, (I tried) so unlikely needed, but would still be nice to know. (WRGB-6 has a 346 prefix. fm)

Note # 5 - 0205, 11 June - Heavy "translator-type CCI" against WWTO-35 It may have briefly been on top. If so, they're also TBN, but I couldn't really tell if WWTO ever yielded. Is this or somebody else in Iowa here now? (K35CF was licensed 06/19/92. fm)

Note # 6 - 0700, 12 June - Super-enhanced 300 mile tropo all directions except northwest.

Note # 7 - 1700, 14 June - This station does not appear in the WTFDA Data Base, but I later noticed it was on the John Combs mileage printout. I called CBC-Winnipeg 15 June to find out what I had, and they said their only SRC net on channel 5 was this 72 Watt outlet. Has this station ever been DX'ed before? This is my lowest power E skip logging though I surely had a brief Idaho(?) channel 3 translator several years ago around 0300 or 0400. Seven new E skips in one day is "unknown" for me, nowadays. Five new channel 5s in 44 hours made me feel like I'd just started a new log! The period June 12th to June 18th is probably the "most interesting" seven day period I've ever DX'ed, though the "best" would still be the massive tropo opening around Thanksgiving 1986.

Note # 8 - 2232, 15 June - Spanish newscast causing "bizarre CCI" to KTVI-2, with "Cadena de la..." in the lower left. Veracruz? Double hop E skip? WBRZ-2, Louisiana, conspicuously absent. I don't recall ever seeing this CCI before.

Note # 9 - 0647, 16 June - This is my closest E skip ever logged, giving Miami ("My-am-uh") and Ponca City temperatures. Former closest was KSNK-2, Kansas, 455 miles.

Note #10 - 1605, 1636 16 June - Where are these Cubans, anyway? I've never seen a trace of these on the rare occasions I've had 3-5-6 Cubans and today there was no trace of those others.

Note #11 - 0000, 17 June - Channel 34-. Both nearby TBNs are channel 34+. No aural ID. "In and out most of the night."

Note #12 - 0019, 17 June - This is strange! Audio was 23+ and carried Univision or programs that are carried by that network. Jeff Kadet wrote to Glenn Hauser who ID'ed the tape and said that KUVN, Garland, Texas carries Univision. This all sounds fine and dandy, except that KUVN is 23z! So what was this? Perhaps a wrong offset in the Data Base for KVEO or something.

Note #13 - 0530, 17 June - This one ran an ad for "KBSC" Radio which I do not have a listing of. It could have been KRRT-35, Texas, but I doubt it - the other Texans had faded by now. Perhaps a translator in Arkansas?

## Frank Merrill (continued)

Note #14 - 2201, 20 June/1759, 23 June - One phone call to CIPA-TV (not listed in the Data Base and I forgot to ask what channel they're on) (Channel 9. fm) solved both of these, sort of. On June 20th, I had "CKBI" programming on channel 2. This is a 3 kW transmitter at Spiritwood. My "CIPA-TV" on channel 2 was the Melfort (Star City) transmitter, which is still CKBQ. Apparently the one company owns both CKBI (CBC) and CIPA (CTV). I'm wondering whether this information is correct? My June 20th reception was 2+ offset which is correct for (listed) CKBQ and my June 23rd reception was 2- offset which is wrong for them. Also, the Melfort calls "CKBQ" mimic CKBI a lot more than they mimic CIPA. CIPA is, by the way, in Prince Albert, which explains the many Prince Albert mentions seen June 23rd during community notes show. I also wonder whether CIPA had these two "reversed" because, just after "CIPA", I had CKSA. Spiritwood is only about 100 miles east of Lloydminster! It appears that the CRTG is doing the same thing with fairly-low power VHF's ("short spacing" them) as the FCC is doing on UHF with translators (such as W24AI Michigan City, Indiana, "short spaced" to WCGV-24, Milwaukee).

Note #15 - 1838, 1901, 04 July - XEX (which carries XHGC) ID'ed by recognizable CCI and the channel 5 parallel. At 1901, a true XHGC ID was seen on channel 5. When I've had XHAJ they always had an XHAJ/XEX ID slide during XHGC's local ad/ID breaks - I have never seen an "XHGC" ID on XHAJ/XEX, until now. Does this mean that I truly had XHGC? To confuse matters all the more, the sky guide in Satellite Orbit Magazine shows transponder 10 of Morelos 1 as belonging to "XHGC/XHAJ. Does anybody know what's going on here?

Note #16 - 0549, 16 July - The "Quebec" test pattern had channel 3+ audio, suggesting CBFT2, but isn't that test pattern supposed to say "Montreal"? I always thought the "Quebec" on channel 3 was CBVT2, but CBFT2 is the only channel 3+ shown in Quebec. More mysterious is the "Ottawa" printed in huge white letters. I couldn't determine its offset. I show a CKRN3-3 in Bearn/Fabre which picks up CKRN, but where does CKRN get its signal from? CBOFT-9, Ottawa? "Ottawa" and a clock are language neutral, so it could have been either a French or an English station.

This has definitely been a strange DX season! There's been recent E skip, but very rarely into FM at all - and no tropo in about a month. The season seems to have crashed and burned as soon as summer officially arrived. I'm surprised, too, by the unusual amount of Canadian E skip this year - and most of the tropo has gone into the "wrong" direction! Before this year, I'm not sure if I've ever had significant "long-haul" more south than west tropo DX (Texas from here; Mississippi, Arkansas, Memphis, southern Missouri, eastern Texas from Ohio) at this time of year, and there's been three of them since April! Jeff tells me I missed some Austin, Texas, while in Indiana. Usually, I expect these in September through January. I've seen some of the typical summer/late spring tropo openings (Ohio, Wisconsin, Minnesota), but none of the most common long-haul summer stuff (CITY-57, WPGH-53, WSNB-47) has shown up yet. So, tropo and E skip (with all the Canadians) are both bizarre this year - why? I'm also surprised how often I see "foothills" E skip from less than 800 miles, such as KOAA-5 (755) seen here 5-10 times since starting my log; similar distances to the east like Washington DC channels 4 and 5 (726) and WFIL-6 (810) are among stations NEVER seen here via E skip! Fortunately, both DCs once came in on a super meteor burst. Even more surprising, I've seen KXAS-5 (646) via E skip three or four times. I've seen Ralph Strobel get Des Moines E skip on FM (300 something), Danny Buntin get FMs in the 300s, etc. Is there something about the Great Plains which encourages short-hop E skip. I never see, for example, New Jersey DXers getting Charlotte or Detroit via E skip. It's probably good (for me) that the season just-up-and-walked-out in June; I already had so much to post, and to report, that the project was awesome and intimidating, and almost became impossible. 73

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

Equipment: See July 1992 Western TV-DX.

July 1992	6 Es 1300	CKKX 2 AB	7 Es 1200	KTWO 2 WY 730
1 Es 0130	unid ch 2 Canada	7 Es 0900	unid ch 2 French	1300 KTVQ 2 MT 755
	("CBC Edmonton		unid ch 2 CBS	1330 KXGN 5 MT 565
	Ch 2, Cable 4")		unid ch 2 toons	1800 KBCI 2 ID 1155
6 Es 1100	unid channel 2	0915	KREM 2 WA 1150	MUF to FM
	(Probably AB)	0945	KXLY 4 WA 1140	2000 KETS 2 AR 865

## John Ebeling (continued)

12 Es 1050	KREM 2 WA 1150	25 Es 2100	KDTN 2 TX 1020
1300	WSB 2 GA 1010		Es gone
7 Es 2200	KBCI 2 ID 1155	2223	KMOL 4 TX 1260
	then fadeout		
2000	KKTO 2 NM 1055		
11 Es 0910	unids 2-3 weak	2230	KPRC 2 TX 1215
1000	WSB 2 GA 1010	25 Es 2010	unid ch 2 MDT
	unids 2-4 weak	2054	KDTN 2 TX 1020

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477) CDT

## Equipment:

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

## July 1992

15 tr 0600-0800	67 ??	15 tr 0644	K61CW 61 OK 260	15 tr 0644	K57-- 57 ??
(Unknown	KOKH-25)	(Woodward	KFOR- 4)	(Unknown	PBS)
K65CO	65 OK 260	KTBO	14 OK 260	K40DD	40 IL 365
(Woodward	KWTV- 9)	K14HK	14 KS 170	(Gruver	KCIT-14)
K66AB	66 TX 345	(Great Bend	KSAS-24)	K56AY	56 OK 305
(Perryton	KAMR- 4)	K53--	53 ??	(Beaver	KWET-12)
K58AX	58 OK 270	(Unknown	KCIT-14)	K59DA	59 KS 130
(Buffalo	KWET-12)	K33CF	33 TX 385	(Wichita	TBN)
K63CF	63 OK 260	(Wellington	KVII- 7)	0800	KVII 7 TX 425
(Woodward	KOCO- 5)	K20BR	20 OK 285		KBSD 6 KS 270
K68AD	68 TX 345	(Gage	KWTV- 9)		KCIT 14 TX 425
(Perryton	KVII- 7)	K45AU	45 TX 310		KAMR 4 TX 425
K69--	69 ??	(Booker	KVII- 7)	21 Es 1800	KIDK 3 ID 930
(Unknown	PBS)	K22CP	22 KS 105		
0644	K64AC 64 TX 345	(Salina	KAKE-10)	August 1992	
(Perryton	KFDA-10)	K44CC	44 TX 365	4 Es 1700	WWAY 3 NC 1025
		(Gruver	KFDA-10)		WUND 2 NC 1080

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 (504-733-8539) CDT

## Equipment:

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

## July 1992

4 Es 1631	WSTM 3 NY 1186	5 tr 0538	@KSLA 12 LA 290	6 tr 0545	KXAN 36 TX 454
1700	WMAR 2 MD 1003	0541	@KVUE 24 TX 454	0607	unid channel 38
1733	KOAA 5 CO 1003	0552	@KMSS 33 LA 290	1920	XHAB 7 TA 526
	KWGN 2 CO 1084	0557	+KTV 10 AR 247	2000	XERV 9 TA 559
	1841	0613	@KZTV 10 TX 473		( Like a local )
	KKTO 2 NM 1026	0627	@KXXV 25 TX 433	2101	KIII 3 TX 474
5 tr 0128	KBMT 12 TX 221	0646	KLIS 24 LA 290	2215	KENS 5 TX 486
0158	KSAT 12 TX 485	0648	@KLRN 9 TX 491		KZTV 10 TX 473
0248	KTRK 13 TX 318	0650	unid 55 rel west	7 tr 0552	KBTX 3 TX 350
0313	KERA 13 TX 438	0718	KXAS 5 TX 439	0553	KLNO 14 TX 523
	(Station #200! )	0759	KETG 9 AR 322		( See Note # 3 )
0328	KTVT 11 TX 438	1945	XHAB 7 TA 526	Es 1705	KDLO 3 SD 1112
	KTBC 7 TX 454	2000	KUHT 8 TX 318	1710	KMTV 3 NE 849
0400	WFAA 8 TX 439		KFDM 6 TX 226	1712	KQTV 2 MO 709
	(Over WVUE)		KBMT 12 TX 221	1758	KCTA 2 MN 1055
0431	KENS 5 TX 486		( See Note # 1 )	1759	KDLH 3 MN 1167
0432	KRRR 35 TX 521	2158	KIII 3 TX 474	1800	KGAN 2 IA 857
	K21DM LA 130		KZTV 10 TX 473	8 tr 0555	KLRT 16 AR 361
	(Lafayette	2206	KRGV 5 TX 460	0558	KHTV 1' AR 361
0443	KXAN 36 TX 454	2213	KGBT 4 TX 532		KETG 9 AR 322
0500	KIII 3 TX 474		(Floaters o/WVW)	0628	KATV 7 AR 334
0503	KABB 29 TX 486	2221	XHRIO 2 TA 526	0652	KTBS 3 LA 290
0510	KRBC 9 TX 586	2233	XERV 9 TA 559	0705	KMCT 39 LA
	(Furthest tropo)	6 tr 0454	@KDAF 33 TX 439	0730	KETS 2 AR 334
0512	@KLTV 7 TX 346	0458	@KGBT 4 TX 532	0737	KRRR 35 TX 521
0525	KTEN 10 OK 480		(Local WVW off )	0827	KVTE 10 AR 247
	( New tr state )	0532	KABB 29 TX 486	2000	KHOU 11 TX 319
0528	+KTR 9 TX 292	0533	WGBC 30 MS 187		tropo fading
0533	KLSS 19 TX 289	0544	KVEO 23 TX 534		



Jeff Kruszka (continued) 10 tr 0630 KLTM 13 LA 191 14-19 away  
 11 Es 2029 unids 2,3 brief 20 Es 1800 KBME 3 ND 1281  
 9 tr 2046 Houston 11,13 12 Es 1000 KACV 2 TX 770 28 Es 2015 unid ch2 Spanish  
 10 tr 0630 KSLA 12 LA 290 1030 KOAA 5 CO 1003

Note #1 - All locals on these channels were easily being wiped out by the Texas stations. Only local channel 4 was watchable on VHF.

Note #2 - With cartoons, maybe WTTA? Local WNOL inexplicably off!

Note #3 - This is the new one in Llano. Running KXAN-36 news.

The gulf megatropo opening of 7/5-7/8 was one for the record books! I almost missed it, too. I was ready to go to bed the morning of the 5th when I noticed KBMT-12 coming in awfully strong. I decided to see if some of my regulars would then come in and ended up pulling an all-nighter! A high pressure area had set up nicely over the gulf and stayed there the next 4 days! I nearly cleaned up on E and SE Texas. Here I was desperately waiting for station #200, getting an Es station here and there, then I get 20+ new stations in 4 days! Ron LeBlanc (Marrero) did a lot better than me - on the morning of the 8th, he had KOCC 34, KSHB 41, WIBW 13, KTKA 49, and KSNT 27, the latter three at 700 miles! Noting the lack of any big E-skip opening, if it weren't for the tropo opening, this month would have been a lot less exciting.

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

CDT

#### Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

July 1992	August 1992	
16 tr 0722 K49CU 49 MN 155 (Walker KMSP-9)	4 tr 0759 K32AF 32 MN 95 (St. James KSTP-5)	9 tr 0507 WFLD 32 IL 340 0531 WISN 12 WI 280
0758 K45DF 45 MN 90 (Austin STV-CBN)	8 tr 1223 KPTM 42 NE 310 1359 KYNE 26 NE 295	0656 KVRR 15(MN) 195 0724 K65DT 65 MN 165 (Walker KVRR-15)
0800 K51CY 51 MN 90 (Austin STV-USA)	1633 KSFY 13 SD 200 1759 KDSD 16 SD 230	(Walker K67BZ 67 MN 165 KARE-11)
0828 KYNE 26 MN 295	9 tr 0128 KDSM 17 IA 215 0149 KYFC 50 MO 415	0852 K39CJ 39 MN 180 (Erhard STV-WGN-9)
0843 KPTM 42 NE 310 (Storm Lake KMEG-14)	0216 KSPR 33 MO 530 0300 KDEB 27 MO 535	0855 K18AI 18 MN 165 (Grand Rapids KVRR-15)
0900 KHIN 36 IA 270	0310 KCCI 8 IA 215 0359 KFME 13 ND 245	0920 KDLO 3 SD 225 1029 WDSE 8 MN 135 WDIO 10 MN 135
0904 K49DB 49 MN 90 (Austin STV-TBS)	0449 K45AR 45 MN 130 (Eagle Bend LPTV)	
0909 K57EU 57 MN 90 (Austin STV-LIF)		

#### QSL CORNER (continued from p. 3)

NC WWAY 3 Wilmington, Box 2068, zip 28402. PFC card in 2 weeks from Dan Sullivan, K4GRI (no title). (Ross)

Well, this month's reports come from Bruce Elving & Robert Ross. Sorry about missing a few months, as the QSL's reported are all I have to use. I hope more members will report their qsl's soon. I finally got for the computer an video frame grabber that I will use on the video id tape to put more tv station id's soon. I hope to see you at the convention/conference in Sept. 73's till later. *Tom W...*



George W. Jensen  
4604 Anntana Avenue  
Baltimore, MD 21206-4220

## SATELLITE NEWS

Here is the first of the yearly summaries. Each year I try to present a summary of current satellite usage in 3 areas. Video Services - Audio SubCarriers - SCPC Audio Services. The first - as usual - the Video services - going by each satellite from West to East as seen at this location in the Mid-Atlantic area of the East coast.

SATCOM C-5 (Aurora 2) - 139 W Odds - Vertical Pol.  
 17 - Feeds Evens - Horizontal Pol.  
 18 - Feeds  
 24 - Alaska Satellite TV Project  
 other transponders used for SCPC and other purposes.  
 In general - even numbered transponders are directed to Alaska and odd numbered transponders are directed to the continental United States

SATCOM C-1 - 137 W Odds are Horizontal Pol.  
 Evens are vertical Pol.

1 - Hong Kong - Jade Network - Mandarin Chinese for US  
 2 - KUSA - Ch 9 ABC - Denver, Colorado VC2  
 3 - KRMA - Ch 6 PBS - Denver, Colorado VC2  
 4 - Sports Channel Pacific VC2  
 6 - KMGH - Ch 7 - Denver, Colorado (CBS) VC2  
 7 - Prime Ticket - Los Angeles VC2  
 8 - NBC feeds  
 9 - NBC feeds  
 10 - AM's - Agnet VC2  
 PM's - Home Sports Entertainment VC2  
 13 - Prostar for Sports Bars  
 14 - KCNC - Ch. 4 NBC - Denver, Colorado VC2  
 18 - S. T. E. P. educational for classroom use  
 20 - Sports Channel - Los Angeles VC2  
 22 - day - Cal-Channel  
 nights - Prime Sports Northwest VC2  
 23 - KWGN - Ch. 2 Denver, Colorado VC2  
 24 - Sunshine Network VC2

Galaxy 1 - 133 West Odds are horizontal/evens - vert.  
 the following listing considers the movements to G5

1 - Comedy Central VC2  
 6 - E. S. P. N. Blackout Channel VC2  
 8 - Cartoon Network (proposed)  
 10 - The Movie Channel - East VC2  
 13 - Country Music Television VC2  
 14 0 Shop-At-Home  
 15 - WWOR - ch. 9 - Secaucus, New Jersey (New York)  
 16 - Showtime - West VC2  
 19 - Cinemax - East VC2  
 20 - Galavision  
 24 - Disney Channel - West VC2

**OTNN**  
THE NASHVILLE NETWORK.

**ESPN**

The Disney Channel

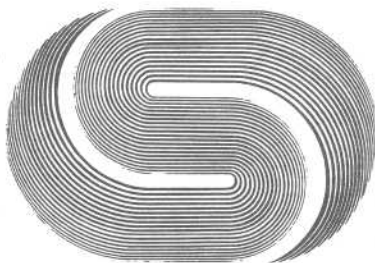
**CINEMAX**



SATCOM F-1 - 131 W Odds - Vertical/evens - Horizontal

This satellite replaces F3 since last review. F1 was originally near where C1 is now located.

- 1 - American Movie Classics VC2
- 2 - The Learning Channel
- 4 - Request TV 2 VC2 (B-Mac proposed)
- 5 - VISION Interfaith
- 7 - Univision
- 8 - QVC Fashion Channel
- 9 - the Travel Channel
- 10 - USA Network West VC2
- 11 - Prime Network Sports VC2
- 12 - Court TV
- 14 - The Family Channel - West VC2
- 15 - E! Entertainment TV
- 17 - Lifetime West VC2
- 18 - New Inspiration Network
- 21 - Request TV 1 VC2 (B-Mac being tested)
- 22 - Home Shopping Club 2
- 24 - Bravo - Nights and Weekends VC2  
RAI USA Italian network from Rome  
Informercials



**RAISAT**

ASC 1 - 128 W Odds - Horizontal/evens - Vertical Pol.

- 2 - Visnews feeds
  - 7 - Foxboro Racing L
  - 9 - Open Net - various transponders used for this  
North Carolina service
  - 16 - WBE - World of Better Entertainment
  - 21 - BrightStar - Washington to London etc. feed
  - 22 - Midwest Sports Channel VC2
  - ON THE Ku Band
  - 8 - Bluffs Run Racing
  - 24 - test Pattern MAC
- other transponders used for misc. feeds and teleconferences

G-STAR 4 Ku-Band only - 125 West

- 19V - CNN Checkout Counter News
- 22H - CNN International L
- 23V - CNN Airport Channel
- 26H - TP ID as transponder 7



GALAXY 5 - 125 West Odds - Horizontal/evens-Vertical

- 1 - The Disney Channel - East VC2
- 3 - Trinity Broadcasting
- 4 - The Sci-Fi Channel VC2 (proposed location)
- 5 - CNN VC2
- 6 - Superstation TBS VC2
- 7 - WGN - Ch. 9 - Chicago, Illinois VC2
- 8 - HBO West VC2
- 9 - E. S. P. N. VC2
- 10 - Shop-At-Home
- 11 - The Family Channel East VC2
- 12 - The Discovery Channel VC2
- 13 - C. N. B. C. VC2
- 14 - The Movie Channel West VC2
- 15 - HBO East VC2
- 16 - Cinemax West VC2
- 18 - T.N.T. VC2
- 19 - USA East VC2
- 20 - B.E.T. Black Entertainment Television
- 21 - Mind Extension University
- 22 - CNN Headline News VC2
- 23 - A & E Arts and Entertainment VC2
- 24 - Showtime East VC2



TELSTAR 303 - 123 West odds-vertical/evens-horizontal

- 1 - TVN Cinema 1 VC2
- 2 - TVN Cinema 2 VC2
- 3 - TVN Cinema 3 VC2
- 4 - TVN Cinema 4 VC2
- 5 - TVN Cinema 5 VC2
- 6 - TVN Cinema 6 VC2
- 7 - TVN Cinema 7 VC2
- 8 - TVN Cinema 8 VC2
- 9 - TVN Cinema 9 VC2
- 13 - feeds
- 17 - Showtime FLIX VC2 (proposed)
- 18 - Fox Network East
- 19 - Showtime 2 VC2
- 20 - TVN Cinema 10 VC2
- 23 - Fox Network West
- 24 - TVN promo channel



S B S 5 - 123 West Ku-Band only

- 4 - MAC feed
- 14 - TP Bars only
- 18 - PSN (Personal Satellite Network) MAC
- 20 - test Card (ID's as 10 H)
- 28 - MAC
- 31 - Test card same as 20

**VIACOM**

SPACENET 1 - 120 West odds - horizontal/evens-vertical

- 4 - Shop-At-Home occasional
- 7 - HSN O/O
- 11 - Hospital Satellite Network occ. O/O
- 13 - Keystone Satellite Network
- 15 - Chancellor Broadcasting AM's weekends (Art Bell)  
MAC programming occ.
- 17 - U. S. Sat Corp. In-Store music OCC video
- 18 - Univision Feeds
- 24 - S. C. O. L. A.

MORELOS F-2 116.5 West Odds-Horizontal/evens-Vertical

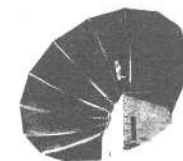
- 8 - XHGC - Ch. 5 - Mexico City
- 9 - XHFM - Ch. 2 - Veracruz
- 10 - Feeds
- 11 - recently appeared and unidentified
- 12 - TNT Latin America MAC
- 13 - XEIPN - Ch. 11 - Mexico City
- 14 - XEW - Ch. 2 - Mexico City
- 15 - Unidentified MAC
- 16 - ZAS - basically a children's channel
- 17 - ITESM - Instructional television
- 19 - Cable News Service
- 21 - Senal de Prueba
- 23 - Nuestro Cable



ANIK C-3 114.9 West Ku band only  
feeds only - may no longer be in use

MORELOS F-1 113.5 West Odds-Horizontal/evens-Vertical

- 2 - XHIMT - Imevision educational PBS type network
- 5 - MAC feeds
- 8 - XHDF - ch 13 - Imevision Mexico City
- 9 - possible new - unid.
- 11 - MAC - MultiDeporte possibly
- 13 - Unid
- 14 - XHTV - ch. 4 - Mexico City ALSO
- XEQ - Ch. 9 - Mexico City
- 18 - feeds



ANIK E-1 111.1 West Odds-Horizontal/Evens-Vertical

- 7 - feeds
- 8 - feeds
- 12 - CTV Network L
- 13 - feeds
- 14 - feeds
- 15 - Vision
- 16 - CTV feeds L
- 17 - Eurotele Canal 5 - Quebec Relay
- 19 - NCTV Northern Canada Television - Yellowknife and IQALIUT Northwest Territories
- 20 - Canadian Home Shopping Club
- 23 - Brightside Television - late nights only  
NCTV feeds occasionally
- 24 - CTV Network L

The Ku side of E-1 is used primarily for news feeds and other events - CBC World News Channel is usually found on XPDR 20.

ANIK E-2 107.3 West Odds-Horizontal/Evens-Vertical

- 1 - The Weather Network
- 2 - TSN - The Sports Network 0/0
- 3 - feeds
- 4 - First Choice VC2
- 5 - feeds
- 6 - MuchMusic
- 7 - CBC feeds
- 8 - CHCH - Ch. 11 - Hamilton, Ontario 0/0
- 9 - WDIV - Ch 4 - Detroit, Michigan 0/0
- 10 - WXYZ - Ch. 7 - detroit, Michigan 0/0
- 11 - CBC North Pacific Yukon feeds
- 12 - Global Network news feeds
- 13 - Super Channel 0/0
- 14 - CFTM - Ch. 10 - MontreAL, Quebec
- 15 - CBC French Network feeds
- 16 - CBC World News Service 0/0
- 17 - CBC North Labrador-Newfoundland feeds
- 18 - CITV - Ch. 13 - Edmonton, Alberta 0/0
- 19 - CBC North Atlantic Territories service
- 20 - CBMT - Ch. 6 - Montreal, Quebec
- 21 - WTVS - Ch. 56 - Detroit, Michigan 0/0
- 22 - CHAN - Ch. 8 - Vancouver, British Columbia 0/0
- 23 - WJBK - Ch. 2 - Detroit, Michigan 0/0
- 24 - CBC House of Commons Coverage

ON THE KuBAND side of this satellite are the following

- 6 - Super Ecran North beam VC2
- 8 - Musique plus North beam
- 10 - Radio Quebec (CIVM ch. 17 Montreal, Quebec) East
- 12 - TV Quatre Saisons (CFJP ch. 35 Montreal) East beam
- 16 - ROS - Reseau des Sports VC2 East beam
- 18 - TV Ontario - French East beam
- 20 - TV Ontario - English (CICA Ch. 19 Toronto) East
- 22 - Canal Famille VC2 East beam
- 24 - Ontario Legislature
- 26 - YTV East beam
- 28 - Family Channel VC2 East beam
- 32 - ASN - Atlantic Satellite Network (Halifax) East

**Global**  
Television  
CANWEST GLOBAL SYSTEM



**CBC TV**  
Toronto

G-STAR 2 105 West Ku Band only  
used primarily for news feeds and teleconferences.  
This is a good source for breaking major news stories of a local nature

G-STAR 1 103 West Ku Band only

- 20 - National Technological University MAC and Video Compression
  - 27 - Hospital Satellite Network O/O
- This bird is also a good source for breaking local major news stories covered by local TV remote units

SPACENET 4 101 West Odds-Horizontal/Evens-Vertical

- 6 - PBS - B
- 8 - PBS - A
- 9 - Three Angels
- 10 - PBS - C
- 12 - PBS - D

Ku-Band is used primarily for news feeds and teleconferences - though it seems quite inactive at this end

S B S - 6 99 West KuBand only

- 11 - ID Test Card
  - 28 - Conus news feeds
- rest is used primarily for news feeds and teleconferences

GALAXY 6 99 West Odds-Horizontal/Evens-vertical

- 5 - feeds
  - 6 - Shepherd's Chapel/National Christian Network
  - 7 - feeds
  - 8 - Catholic Television Network of America 0/0
  - 14 - Family Network
  - 15 - World Harvest television WHMB Ch 40 Indianapolis, Indiana
  - 17 - AFEN - American Family Entertainment Network
  - 18 - ABC network and others to Japan L occ.
  - 19 - Swissair News feed
- except for the 1st 4 transponders, the rest of this satellite is used for both domestic and international feeds

S B S 2 97 West KuBand only

- 24 - NBC News Channel
  - 28 - News feeds
- NBC uses this bird a great deal.....

TELSTAR 301 96 West Odds-Vertical/Evens-Horizontal

Most transponders are used for many programming distribution feeds

- 2 - CBS VC1
- 3 - Warner Brothers
- 4 - ABC West L
- 6 - ABC L
- 7 - CBS VC1
- 9 - Warner Brothers/Paramount etc. feeds
- 10 - ABC L
- 11 - ABC L
- 12 - ABC L
- 20 - TBS New York

**CBS**



**WARNER BROS.**  
DOMESTIC TELEVISION  
DISTRIBUTION  
A Time Warner Company

S B S 3 95 West Ku Band only - probably in inclined orbit

Most feeds are in MAC system and are for Holiday Inns Satellite Cinema PPV - CNN, ESPN, Showtime etc.

**CONTINUED NEXT MONTH!**



# SPECIAL REPORT

THE STRANGEST SUMMER IN E-SKIP HISTORY BRINGS NO DX AND RECORD DX AT THE SAME TIME! Summer of 1992 will be remembered among VHF DXing enthusiasts as one that featured long quiet periods between openings in North America. It did not behave anything like an E-skip season usually can be expected to. Summer weather was bizzaro, too, with Mount Pinatubo's eruption getting most of the blame for cold weather in the East and Midwest. What isn't readily apparent though, is the reason for the way that atmospheric jetstreams behaved this season. The Pacific Northwest literally FRIED under unusually high temperatures, and rain fell in record amounts in the Ohio Valley. Pinatubo takes the rap for short term cooling, but how do you explain the weird jetstream activity? That's what ionospheric researchers are asking themselves right now, because E-skip patterns vary from summer to summer in a way that often parallels jetsream variations.

But what happened this June seems to be incredible. European DX publications and amateur radio VHF circles are astounded by reports of incredible multi-hop E-skip, reaching 108 MHz and higher, straight across the Atlantic for hours on June 22, and possibly briefly (and much weaker) on July 19th. By far, the session that everyone is talking about was the June 22nd super opening. It may go down in the record books along with the "all time greatest" sporadic-E events.

Two things are worth noting when pondering all this. First of all, these transAtlantic E-skip sessions did take place on days which were notable for having little or no skip on the "usual" paths, as DXer Larry Curcio points out his July V.U.D. article. Secondly, as has been noted many times by DXpeditioners, a location on or near the Atlantic coast of North America was of paramount importance. Although, some of this skip did reach as far west as central New York and Ontario/Quebec on 50 MHz.

If any WTDers were in on any of the transAtlantic E-skip—which will long be remembered as the high point of an otherwise very poor E-skip season—please, TELL US ABOUT IT! If you saw or heard anything out of the ordinary, please report it. This activity may go down into the record books with the all-time "greats," such as the October, 1970 "world E-skip opening" cited by the late Mel Wilson in his landmark E-skip research.

—Bill Thompson

## ATTENTION: DUES INCREASE LIKELY NEXT MONTH!



OCTOBER'S VHF-UHF DIGEST WILL DETAIL NEW CLUB DUES RATES, PENDING APPROVAL OF THE BOARD OF DIRECTORS.

THOSE RENEWING BY OCTOBER 1st CAN GET A MAXIMUM OF ONE YEAR'S RENEWAL AT CURRENT DUES RATES OF \$17 PER YEAR IN THE U.S., (\$19 U.S. TO CANADA, \$27 ELSEWHERE!

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

# STATION BREAK

WTFDA Stationbreak  
P.O. Box 514  
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

LOGOS WANTED - Channel 2 through 6 TV station logos wanted for joint project of WTFDA and Monitoring Times magazine. Logos will be used to compile maps for each channel to aid E-skip DXers to identify stations. Include an SASE to receive finished product for free. Canadian, Mexican, and Caribbean stations especially wanted. Station catch phrases also useful. (i.e. "Newscenter 6") Mail to: TV DX Maps - 980 Broadway - Box 115 - Thornwood NY 10594

FOR SALE - Cable Television type hybrid amplifiers, 18 and 22 dB gain. Most cover 40 - 600 MHz or 0.5 to 200 MHz. (Great for HF) All have 5 dB or less NF and excellent distortion performance. (These dudes do not overload!) 24 Volts DC, 200 mA needed, you supply connectors. \$10 each includes S & H plus "How To" sheet. (Specify bandwidth needed) Postal Money Orders only. Please write: Jerry Monroe - 3135 Falls Road - Marcellus NY 13108

FOR SALE - Yamaha TX 930 AM/FM tuner, super DX machine AM and FM. Tunes in .01 MHz steps on FM / 1 kHz steps AM. IF has been modified (very selective, no distortion), excellent sound quality, 2 antenna inputs, 24 presets, alpha-numeric display, includes remote control. New cost \$450, asking \$325. Bill Nollman - 35 Nye Road - Glastonbury CT 06033 (203) 633-2883

YOUR non-commercial ad can appear in the VUD free of charge! This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers.

### NEW IRCA AM-FM ALMANAC UPDATERS ARE NOW AVAILABLE!

The International Radio Club of America has published the fifth in the series of updaters to its 1991 IRCA AM-FM Almanac.

Updater 5.5 features 1992 baseball networks, Spanish networks (CBS Hispanic, Hispano USA, Spanish Information Service), Interstate Radio Network, and 11 pages of AM slogan updates.

Updater 5.6, due for publication in September, will feature "Talk Networks 1992," a complete guide to radio talk, with schedules, formats, indexes by title and host, and all available station listings.

Updater 5.7 is planned for October, featuring NFL and college football. Both 5.6 and 5.7 can be ordered in advance.

The first four updaters are still available:

Updater 5.1 - 6 page Almanac index, 11 page AM slogan updater, silent station update, network updates (CBS, NBC, etc.).

Updater 5.2 - revised AM listings for Satellite Music Network and Unistar/Transtar, talk show updates, network updates (BRN, CNN, etc.), complete 1991 baseball including 4 pages of minor leagues.

Updater 5.3 - Rush Limbaugh talk show list, updates of Travelers Information Service and Highway Advisory Radio stations on 530 and 1610 kHz, 1991 NFL and college football, 1991-92 NHL hockey.

Updater 5.4 - Updates to ABC, AP, UPI, and USA networks, ESPN and SEN sports-talk networks, Canadian nighttime music networks, 1991-92 NBA and college basketball, network updates.

Future updaters will appear as needed, 4 to 5 times per year.

Revisions are in the works for major networks. You'll be able to get these in the updaters in advance of the next Almanac revision, currently planned for late 1992 or early 1993.

Readers interested in particular items (sports, slogans, FM, etc.) can choose to order the updaters covering their choice of items, or we can notify you by postcard as they become available.

20 pages each, \$2 each to U.S. or Canada, \$3 elsewhere, payable to IRCA in U.S. funds. You may order as many as you wish, past, present, or future. Order from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520. Thank you!