

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 1990



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11/90
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 CANADA: \$18
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 MAKE CHECK OR MONEY ORDER PAYABLE TO WORLDWIDE TV-FM DX ASSOCIATION.

From The STAFF

AMAZING E-SKIP CONDITIONS...The late May/early June E-skip that took place across much of North America featured openings that could well have been some of the best in over ten years. WTFDAers have been observing the kinds of unusual Es events that tend to place a skip season into the "outstanding" category in the views of seasoned VHF DX enthusiasts: double hop--on FM as well as low band TV, high band TV skip with an MUF in one opening reaching channel 9, long duration openings resulting in rare all-night sessions for those who could stay awake through them, and numerous incidents of skip stations easily identified over strong locals. However, all of this took place in a relatively short period. A sharp decrease in Es activity followed, and has continued well into late June. We should note that E-skip very often does exhibit this kind of "lull"--some of the best seasons have featured it. The question that remains to be answered for many of us: can the rest of the season's sporadic-E DX possibly match what has already taken place? No matter how good the remainder of the summer proves to be, it may be hard to top what has already occurred.

A "HOT" SUMMER FOR TROPO, TOO?...Some enthusiasts think the 1990 season will be unusually good for tropospheric signal propagation modes. Traditional "symptoms" of this have already showed up: large amounts of moisture (much of it in the form of rain resulting in severe flooding in wide areas of the U.S. South and Midwest), followed by large stable high pressure system formations. Lately, temperatures in the West and parts of the Midwest have been well above normal. In all, what appears to be the "makings" of a good tropo season are present. Stay tuned!

VUD CONTRIBUTORS PLEASE NOTE...Please make sure your DX reports are sent to the column editors at the addresses listed on the first page of each of their columns. DO NOT send newspaper clippings about FM and TV station changes, or station logos, or photos, to PO Box 514. FCC FM, TELEVISION NEWS, LOGOS RUN, and PHOTO NEWS welcome your contributions directly. We've also learned that some mail to the main club business address NEVER reaches it, or is delayed as much as a few weeks due merely to incorrect zip code usage. The term "WTFDA Headquarters" was similarly confusing to the postal people--there is no such building. Use of the "HQ" term is archaic anyway, given the number of individuals involved in the production of the VUD, and the loose organizational structure of WTFDA.

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On the cover: Ahhh!...domestic bliss (?) in the TV DXer's household. Thanks to artist Harry Hayes for another of his great cartoons.

Television news

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ABBREVIATIONS USED IN THIS COLUMN:

AATm	Height (meters) above average terrain
AG	Antenna height above ground
ASL	Antenna height above sea level
AZ	Azimuth (North=0°)
BT	Beam Tilt
CIR	Circular polarization
CP	Construction permit
CRTC	Canadian Radio-television and Telecommunications Commission
DA	Directional antenna
ELL	Elliptical polarization
ERP	Effective Radiated Power
FCC	Federal Communications Commission (USA)
HOR	measured along a horizontal plane
MAX	In the direction or elevation of maximum signal strength
MP	Construction permit modification
TL	Transmitter or tower location
+	carrier frequency offset 10 kHz above standard
-	carrier frequency offset 10 kHz below standard
Z	carrier frequency not offset

APPLICATIONS FOR NEW TELEVISION STATIONS

ST	CH	ERP	AATm	CITY/APPLICANT
CA	52	3296	370	Sacramento; La Dov Educational Outreach Inc.
NE	54	5000	429	Omaha; Omaha Telecasters Inc. (amended; FCC judge proposed grant back in 1987.)
OR	36	43	211	Roseburg; MetroCom of Oregon Inc.
OR	36	13.6	222	Roseburg; KMTR Inc.
TX	10	316	447	Del Rio; Pena Communications Inc.
TX	10	316	352	Del Rio; Republic Broadcasting Co.

CONSTRUCTION PERMITS GRANTED

ST	CH	ERP	AATm	CITY/APPLICANT
GA	58	756	99	Perry; Radio Perry Inc. (Review Board, reversing initial decision)
IN	58	5000	254	Salem; Kentuckiana Broadcasting
LA	62	5000	423	Hammond; Florida Parishes TV Ltd. (FCC decision)
MO	32	5000	322	Kansas City; T.V. 32 Inc. (init)
NJ	63	5000	343	Newton; Mountain Broadcasting (After five years of fighting!)

APPLICATIONS DISMISSED

GA	Perry; ch. 58; Perry Television Inc. (Review Board)
IN	Salem; ch. 58; Greater Louisville Television Inc.
LA	Hammond; ch. 62; Pontchartrain Broadcasting Company Inc. (FCC decision)
LA	New Orleans; ch. 20; Cajun Broadcasting Co.; Tracy Lewis.
MO	Kansas City; ch. 32; Kansas City Television Ltd.; Mid-Continent Communications Inc. (both dismissed as not qualified); Channel 32 Broad-

casting Co.; Holt Ltd. Partnership; Kansas City Skywave (denied in initial decision).
NV Las Vegas; ch. 15; Media Profiles Inc.

CONSTRUCTION PERMITS CANCELLED

ST	CH	CALLS	CITY
AL	61	WMAI	Mobile
FL	51	WJOE	Marianna
GA	52	WOCT	Albany
IN	58	----	Salem (Greater Louisville TV Inc.)
KY	62	WLKT	Lexington (at its request; on air from 10/15/88 to 7/7/89)
ME	62	WJRP	Presque Isle
MT	17	KRBT	Missoula
NY	56	WSPK	Syracuse
TX	15	KSUZ-TV	Abilene
WA	34	KRSK	Spokane

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST	CH	ERP	AATm	CALLS	CITY
FL	59	4966	289	WJEB-TV	Jacksonville
FL	62	4650	167	WBSV-TV	Venice (amended)
IN	69	1000	120	WBUU	Indianapolis
LA	44	2286	426	WPFT	Baton Rouge
MS	40	5000	192	WBUV	Holly Springs (amended)
PR	36	1480	329	WDWL	Bayamon
TN	58	5000	381	WNAB	Nashville

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST	CH	ERP	AATm	CALLS	CITY
CA	29	4608	321	KCHT	Sacramento
CA	33	60.3	440	KADE	San Luis Obispo
FL	9	316	150	WKEB	Islamorada
OR	28	391	276	KZJD	Eugene
TN	58	5000	381	WNAB	Nashville
UT	16	3890	703	KZAR-TV	Provo

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST	CH	ERP	AATm	CALLS	CITY
CO	12	316	376	KBDD-TV	Broomfield (cp)
CO	6	100	37	KRMA-TV	Denver (mp; amended)
FL	18	60	287	WRES	Cocoa (cp; amended)
ID	12	316	346	KUID-TV	Moscow (cp)
KY	18	5000	507	WLEX-TV	Lexington (cp)
LA	27	2570	303	WLPB-TV	Baton Rouge (cp)
MD	47	3390	304	MMDT	Salisbury (cp)
OR	2	85	671	KOTI	Klamath Falls (cp)
PR	13	140	861	WPRV-TV	Fajardo (cp)
SD	8	263	265	KZSD-TV	Martin (cp)
TN	16	4680	329	WMTU	Jackson (cp)
VA	15	1820	625	NBRA-TV	Roanoke (cp)
WA	31	70.5	370	KTNW	Richland (cp)

CHANGES GRANTED STATIONS ON THE AIR

AZ	Nogales; KMSB-TV, ch. 11; granted license to cover CP for changes; ERP raised from 150 kw to 316 kw max; antenna raised 23 meters to 507m AAT/57m AG/1846m ASL; same TL; the transmitter is located between Tucson and Nogales, with directional lobes toward both cities, covering them well within its grade A contour.
----	---

CA Huntington Beach; KOCE-TV, ch. 50; granted CP to raise ERP from 2750 kw max/290 kw hor to 5010 kw max; reduce antenna height 7 meters to 330m AAT/70m AG/462m ASL; DA BT; same TL. That new ERP should make for much improvement.

CA Riverside; KSLD, ch. 62; granted CP (must have been granted a license; I had original CP as still current) to raise ERP from 2366 kw max to 3720 kw max; 723m AAT/51m AG/ 1685m ASL (4 meters higher AG); Same TL; DA BT.

CA Stockton; KFTL, ch. 64; granted CP to raise ERP from 1610 kw max to 1950 kw max; same TL; one ref. has 874m AAT instead of present 909m AAT, but there is supposedly no change in antenna height; BT.

CA Visalia; KMPH, ch. 26; granted MP to raise ERP from 2950 kw max/363 kw hor to 3214 kw max; 784m AAT/130m AG/2541m ASL (736m higher ASL); TL Big Baldy Ridge, Sequoia National Forest; coordinates 36°40'02"/118°52'42" (Az. 355°, or slightly west of due north, 26.33 miles from present TL); DA BT. It is my guess that the DA lobes point toward Visalia and Fresno; Bakersfield will be farther away from the transmitter and probably out of range.

FL Fort Lauderdale; WSCV, ch. 51; granted license to cover CP for changes; ERP raised from 1167 kw max/355 kw hor to 5000 kw max; antenna height reduced 54 meters to 262m AAT/260m AG/262m ASL; TL 390 NW 210th Street, Miami; coordinates 25°57'59"/80°12'33" (Az. 229°, or SW, 2.85 miles from former TL). This should expand their coverage area somewhat, but I don't think DX will be that much of an improvement.

FL Panama City; WMBB, ch. 13; granted CP to reduce antenna height 10 meters to 437m AAT/436m AG/462m ASL; TL 1.5 km ENW of intersection of Scotts Ferry Road and McGill Road, 4.9 km ESW of Youngstown, Bay County; coordinates 30°21'09"/85°23'26" (Az. 264°, or slightly south of due west, 11 miles from present TL; same ERP (316 kw max).

KY Louisville; WDRB-TV, ch. 41; granted license to cover CP for changes; ERP raised from 1150 kw max/303 kw hor to 5000 kw max; 391m AAT/296m AG/589m ASL (reduced 9 meters); same TL. Anybody see any improvement?

LA Baton Rouge; WLPB-TV, ch. 27; granted CP to raise ERP from 1170 kw max to 2570 kw max; antenna to be raised 11 meters to 303m AAT/304m AG/310m ASL; same TL; DA BT. Looks like an improvement for gulf coast tops.

MD Baltimore; WBFF, ch. 45; granted license to cover MP for changes; ERP reduced from 3925 kw max to 1292 kw max; antenna raised 104 meters to 377m AAT/384m AG/472m ASL; TL 0.4 km NNW of the intersection of Hooper Avenue and 41st Street, Baltimore; coordinates 39°20'10"/76°38'59" (Az. 59°, 6.56 miles from former TL); BT CIR.

MD Salisbury; WMDT, ch. 47; granted CP to raise ERP from 3390 kw max; reduce antenna height 8 meters to 304m AAT/305m AG/312m ASL; same TL. Nobody'll ever know the difference, except maybe a few low-flying geese.

MN St. Paul; KTCI-TV, ch. 17; granted CP to raise ERP from 141 kw to 333 kw max; 396m AAT/

400m AG/674m ASL (4 meters higher); same TL; DA BT. Don't let the ERP increase fool you; it's still pretty weak.

MO Kansas City; KMBC-TV, ch. 9; granted license to cover CP for changes; antenna raised 19 meters to 356m AAT/331m AG/612m ASL; same TL and ERP (316 kw).

NJ Paterson; WXTV, ch. 41; granted CP to change ERP from 3240 kw max/2140 kw hor to 2340 kw max (is that an increase or reduction?); TL to be changed from World Trade Center 1 to Empire State Building, 350 Fifth Avenue; 421m AAT/422m AG/438m ASL (93 meters lower); coordinates 40°44'54"/73°59'10" (Az. 21°, or NNE, 3.1 miles, from present TL); DA BT. This reduction in height will probably make it harder to DX.

NY Binghamton; WICZ-TV, ch. 40; granted license to cover CP for change; ERP reduced from 565 kw max/501 kw hor to 468.3 kw max; same TL and height.

OR La Grande; KTVR, ch. 13; granted license to cover CP for changes; see 12/89 VUD.

PA Reading; WTVE, ch. 51; granted CP to raise ERP from 1445 kw max/1090 kw hor to 5000 kw max; 384m AAT/198m AG/534m ASL (153m higher ASL); TL 16 km east of Reading, Berks County; coordinates 40°20'47"/75°42'03" (Az. 93°, or slightly south of due east, 10.47 miles from its present TL). Too bad all this increased coverage area and DX potential is going to be wasted on home shopping.

PR Fajardo; WMTJ, ch. 40; granted CP to raise ERP from 96.38 kw to 388 kw max; 845m AAT/46m AG/1051m ASL (that's 4 meters higher ASL, but 16 meters lower AG; wonder how they do that.); same TL. Should be no problem picking them up from New England after they build this.

PR Fajardo; WPRV-TV, ch. 13; granted CP to change ERP from 170 kw max/6.77 kw hor to 140.2 kw max; same TL and height.

PR Mayaguez; WIPM-TV, ch. 3; granted CP to raise ERP from 72.4 kw max to 81.3 kw max; reduce antenna height 19 meters to 691m AAT/98m AG/998m ASL; BT; same TL.

SC Charleston; WTAT-TV, ch. 24; granted CP to raise antenna 42 meters to 542m AAT/539m AG/544m ASL; TL 6.4 km northeast of Ten Mile, on Sewee Road, Isle of Palms; coordinates 32°56'24"/79°41'45" (Az. 48°, or NE, 1.2 miles from present TL); DA BT; ERP remains at 5000 kw max. No substantial change in coverage or DX.

SC Hardeeville; WTGS, ch. 28; granted license to raise ERP from 4920 kw max to 5000 kw max; raise antenna (contrary to the 7/88 VUD, which incorrectly reported a reduction in height of 713' AAT; that should have been in increase) 217m ASL; TL 4 km NNW of the intersection of I-95 and SC 204, south of Bloomingdale, Georgia; coordinates 32°02'48"/81°20'27" (Az. 230°, or SW, 30.63 miles from former TL. Don't expect any better coastal DX, but viewers SW of the station should be receiving a clearer signal.

UT Ogden; K00G-TV, ch. 30; granted CP to reduce ERP from 5000 kw max to 1537 kw max; raise antenna to 1190m AAT/68m AG/2774m ASL (1258 meters higher ASL); TL on Farnsworth

Peak Antenna Farm, east of Salt Lake City; coordinates 40°39'25"/112°12'07" (Az. 177°, or slightly east of due south, 41.29 miles from present TL); DA BT. The increased antenna height will probably balance the reduced power, amounting to about the same coverage area.

WA Seattle; KTZZ-TV, ch. 22; granted CP to raise antenna 91 meters to 366m AAT/277m AG/402m ASL; same TL; same ERP (5000 kw max).

WY Rock Springs; KGWR-TV, ch. 13; granted MP to raise ERP drastically from 6.03 kw to 209 kw max; antenna to be 30m ASL lower, to 495m AAT/45m AG/2650m ASL; TL Quaking Asp Mountain Communications Site; coordinates 41°26'21"/109°06'42" (Az. 162°, or SSE, 11.51 miles from present TL. All we need now are a few more DXers in that area.

CALL LETTER APPLICATION: EXISTING STATION

ST	CH	CALLS	CITY/APPLICANT
MA	46	WPHX	Norwell; WHRC

CALL LETTER GRANTS: NEW STATIONS

ST	CH	CALLS	CITY/APPLICANT
AL	60	WRKJ	Dothan; Marcus Broadcasting Corp.
CO	50	KTDC	Denver; Lomas de Oro Bcg. Corp.
MI	19	WJMV	Marquette; WUAA
NM	3	KOAY	Gallup; KOAT Television Inc.
OK	45	KTDA	Lawton; Barton W. Ratliff
OR	28	KEPB	Eugene; KZJD
PR	60	WNEI	Bayamon; Hector Negrón Cartagena
PR	34	WRUA	Fajardo; Damaris DeJesus
SC	63	WQHB	Sumter; C. Fred McLaughlin
TX	51	KNWS-TV	Katy; KQBA

CALL LETTER GRANTS: EXISTING STATIONS

ST	CH	CALLS	CITY/APPLICANT
CA	18	KVPT	Fresno; KMTF
MA	7	WHDH-TV	Boston; WNEV-TV
MS	29	WMPN-TV	Jackson; WMAA-TV
NV	4	KRNV	Reno; KCRL
OK	4	KFOR-TV	Oklahoma City; KTVY
VA	8	WRIC-TV	Petersburg; WLEX-TV
OR	24	KNMT	Portland; KTDZ-TV

NEW STATIONS ON THE AIR

CA Watsonville; KCAH, ch. *25; went on the air 11/19/1989; 52.8 kw max ERP; 670m AAT/38m AG/968m ASL; TL Fremont Peak, Gabriel Range, 14.5 km northeast of Salinas (same tower as KSMs-TV, ch. 67; 17 meters higher than KSMs-TV); coordinates 36°45'23"/121°30'05"; educational station; address: Community TV Network, 3683 Martin Luther King Jr. Blvd, Oakland CA 94681.

GA Brunswick; WBSG-TV, ch. 21+; went on the air 4/2/1990; 2884 kw max ERP; 311m AAT/302m AG/323m ASL; TL 5.5 km east of US Rte 301 at Buffalo Creek Crossing, near Nahant; coordinates 31°08'22"/81°56'15"; independent station; address: WBSG-TV Ltd., 7321 Georgia HWY 303, Brunswick GA 31520.

PA Philadelphia; WYBE, ch. *35-; went on the air on or before 6/12/1990; 323.6 kw max ERP

(according to original CP; later modifications did not indicate change in ERP, despite changes in TL and height); 284m AAT/280m AG/349m ASL; TL east of Doanino Lane, Philadelphia (in the Roxborough section, northwestern part of the city, where all Philadelphia television stations, WHY-12, and most FM stations are located; WYBE is on the same tower as WTXF-29, but 82 meters lower); coordinates 40°02'26"/75°14'20"; DA HOR; independent educational station, presently operating 7 p.m. to 10 p.m.; current address not yet available.

UT Cedar City; KCCZ, ch. 4z, went on the air 4/25/1990; 37.6 kw max ERP; 836m AAT/99m AG/3143m ASL; TL KRECF(M) transmitter site on Three Knolls, 15 km south (Az. 180° True), from Cedar City; coordinates 37°32'32"/113°04'05"; independent station; address: Liberty Broadcasting Company, 1305 N Airport RD, Cedar City UT 84720.

VA Ashland; WZXX, ch. 65+, went on the air 3/9/1990; 824 kw max ERP; 262m AAT/265m AG/295m ASL; TL Route 652, 1 mile from the intersection with Route 615; coordinates 37°44'32"/77°15'18"; independent station; address: Christian Broadcasting Inc., Box 797, Glen Allen VA 23060.

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

CA Chico: add *46z; delete *30-

CA Paradise: add 30(- or z); delete 46z

FL Clermont: add 18-; delete 68z

FL Cocoa: add *68z; delete *18-

ID Sun Valley: add 5-

NY Arcata: add 62- (site restriction 9.5 miles east to avoid short-spacing to CP for ch. 48 in Corning, NY, and vacant ch. 55 in Niagara Falls, Ont.)

NY Springville: add 67+ (site restriction 5.5 miles south to avoid short-spacing to ch. 60 in St. Catherine's, Ont., and the newly assigned ch. 62 in Arcata NY.)

OR Coos Bay: add 41z (applicant proposes TL site 13 miles south of Coos Bay, which is more than 175 miles from Portland, hence not subject to the current FCC freeze on applications within 175 miles of major cities.)

OR Medford: delete ch. 27z; add ch. 26z

FORUM

Let me begin with my apologies for not getting my column in last month. I just didn't have the time to complete it; there were too many other priorities. But I did get a good head start on this month's.

Further observations need to be made concerning John Zeis' comments on W1486 in Newark-Brookside DE (See 5/90 column): At that time I also observed W1486 with independent programming instead of repeating WGCBC-49 Red Lion PA. But shortly thereafter it went back to carrying the same programming. WGCBC is the flagship station of Keystone Inspirational Network, and I have no idea how extensive this network is, whether it is on cable, satellite, or other religious broadcasting stations. W1486 does, however, use its own identification at

periods designated by Keystone for local identification, and its vertical blanking interval (VBI) is blank, whereas the VBI on WGCB contains various test signals. One more peculiarity about W14B6: even when I am receiving a fairly good picture, the sound is still poor. Only when the signal comes in snow-free is the sound noise-free.

Also, on the startup of WYBE, ch. 35 in Philadelphia PA: I first saw it on the air on 6/12. My set had been off for a few days before that, so I don't know how long it had been on. Programming really stinks, and it broadcasts for only four hours each evening. I haven't seen anything in the newspapers about it yet, and I wonder how many people know it even exists.

Let's begin our geographical tour in New England, with JOHN BOLDUC (Londonderry NH), who sent in this article from the 5/27 *New Hampshire Sunday News* about WNNE, ch. 31, Hartford VT: "Local news and programming will continue on WNNE, Channel 31, if and when the [FCC] approves the sale of the White River Junction, Vt., NBC station to Texas-based Heritage Media Corp., which owns WPTZ, an NBC-TV affiliate in the Burlington, Vt. - Plattsburgh, N.Y., market." "Channel 31 would rebroadcast WPTZ's signal for at least 95 percent of its broadcast day. ...Channel 31 would be allowed to originate no more than eight hours of local programming each week as a satellite."

Up to now this column has been dependent on reference material dating back to the middle of 1981, and a worn out 1980 *Television Factbook*, which contained information as of October, 1979. So this gap between 10/79 and 7/81 used to often plague me with missing information. I haven't had that problem too much lately, but occasionally I would find the need to search in vain for a permit or application that occurred during that time.

But no more, thanks to TOM BRYANT (Nashville TN), who offered leftover 1988 *Factbooks* at only \$50 for each two-volume set. Tom writes, "For the information of those who took advantage of the TV Factbook offer, they were all shipped from Nashville via U.S. Postal Service on May 22. Hopefully everyone has received their shipment by now (however the Canadian and West German orders might take quite a while).

"WKRN-TV (2) is now on 24 hrs., 5 days...off Sat. and Sun. approx. 1:30-6:30 AM. They'll be hard to ID as they're carrying CNN Headline News intact with no local inserts and supering ID (very small, lower right corner) only at the top of the hour. WTVF [ch. 5, Nashville - wbf] is also 24 hrs. 5 days, but usually leaves its carrier on Fri. and Sat. after program signoff. There is no audio, but a b&w slide with very large (centered) lettering: WTVF [next line] - Nashville." (Why a television station would show a slide of a bottle of root beer all night is beyond me. Is b&w paying for this? -wbf) "WSMV (ch. 4 -wbf) never shuts down and runs HSN 7 nites, but there are a lot of local cut-ins, promos and ID's. Hope that info is useful for late nite skip addicts." (and maybe for a few late night impulsive shoppers. -wbf)

(Speaking of impulse shopping, did you know

that there's a car out on the market named Impulse. I wonder what kind of person would buy one of them. You don't suppose... Nah! Besides, my physics textbook defines impulse as a transfer of momentum resulting from a collision of two objects.)

JOHN COMBS (Jacksonville FL) writes, "Member Christopher Dunne (Pembroke Pines) reports that WETV-13 Key West has been on the air for quite some time, and still on during his recent trip to Sugarloaf Key. The info I have shows WETV's xmr location as '1 mile N. of U.S. 1 of west side of Cudjoe Key.' Cudjoe Key is the site of TV Marti's balloon - also utilizing channel 13. Could this be why TV Marti tests have only been carried out in the wee hours of the morning - presumably when WETV is off? Surely the VOA was aware of the existing ch. 13 xmr - do they not intend to broadcast TV Marti during daylight hours at all?? Very strange..."

You see! Nobody believed me! Years ago I tried to warn everybody that educational stations were really fronts for covert CIA operations. But did anybody believe me? No!! That's why newspapers don't carry their program listings. They're top secret! When are people going to wake up and realize that many of the PBS personalities are just puppets? Well, just go ahead and keep sending them your Contra-butions. Jim Henson tried to warn us, and you see what they did to him. Word is out that they're also operating a commercial TV station in Champaign, Illinois.

John also sent in this article from the 4/3 *Miami Herald*: "A man claiming there is a bomb in his brain - surgically implanted by the CIA in 1965 - walked into the WTVJ building Monday, hoping someone would listen to him." (Too much competition for WPBT-2, I suspect. -wbf)

From the 3/20 *Palm Beach Post*: "The man who launched Jim and Tammy Faye Bakker's TV careers has taken control of Channel 21 in Fort Pierce, ending plans to turn that dormant station into a satellite of Miami's public broadcasting station. The emergence of Paul Crouch, the founder of the Trinity Broadcasting Network, is the latest wrinkle in Palm Beach Atlantic College President Claude Rhea's forays into the rough-and-tumble world of not-for-profit TV.

"Rhea got interest-free loans from his West Palm Beach college to start a company that bought six unused educational TV station licenses across the state. Last year, Rhea's group - Palmetto Broadcasters for Associated Communities - announced that Channel 21 in Fort Pierce would be the first of those stations on the air. It was pitched as a PBS affiliate with lots of local programming and a start date of Jan. 7.

"Rhea's announcement caught the operator of South Florida's two public television stations by surprise. WPBT-Channel 2 in Miami and WXEL-Channel 42 in Boynton Beach didn't welcome the prospect of competition. Because of the saturation of cable television in the Treasure Coast, the two public broadcasting stations to the south were already reaching about 80 percent of the homes there."

"Crouch and Rhea hooked up in December, when Rhea's cash-strapped television venture sold one of its six stations to one of Crouch's television companies. Palmetto sold its Jacksonville license to Community Educational Television, a Crouch company. (ch. 59 cp (WJEB) -jc) As part of that deal, Rhea's company borrowed money from Crouch.

"Crouch's television empire is one of the biggest in the country. His Trinity Broadcasting Network and its

subsidiaries own more than 100 television stations across the country and beam their programming to dozens of others.... WHFT-Channel 45 in Miami is part of that empire. It started in 1973 when Paul and Jan Crouch teamed up with Jim and Tammy Faye Bakker to start a 24-hour Christian programming station in Southern California. The Bakkers left to form their PTL Network, which skyrocketed before falling spectacularly amid a scandal of sex and financial plundering."

"In documents filed with the [FCC] the Crouch station in Jacksonville promised it would air vocational and college courses over the air, offer programming to serve Jacksonville's burgeoning banking and insurance industries' and be a community resource in the war on drugs. But so far, it's being used as a home-shopping network by another broadcaster. The FCC has yet to approve a transfer of Channel 21's license from Palmetto to Crouch's company."

"Meanwhile Palmetto's television ventures are continuing. This month, an ad appeared in a local newspaper for its next project, a Boca Raton station geared to senior citizens." (ch.63 cp (WPPB) -jc) (I figured it would be a channel somewhere up in the sixties. -wbf)

Now from JEFF KRUSZKA (Harahan LA), this article from the 5/2 *Times-Picayune*: "A third low-power TV station has signed on in New Orleans: Video Jukebox, a broadcast pay-per-view service on channel 10 that allows viewers to order music videos by dialing 976 numbers that correspond with song titles. Unlike cable pay-per-view events, which are seen only in the home that orders it, Video Jukebox selections are broadcast to the entire market. If no video is being shown, viewers see a directory of song titles and the 976 numbers that activate them on the local 'video jukebox' computer. They air in the order they are phoned; if 15 people in a row order 'I Wanna Be Rich', then 'I Wanna Be Rich' is played 15 times in a row.

"The cost is an outrageous \$2.50 per video, which is charged on the next month's phone bill. Miami-based Video Jukebox Network, Inc., gets most of that, with the phone company receiving 'as much as 35 percent' of the charges in some markets, according to company spokesman John Robson. Robson says the five-year-old company is in 95 cities, with two-thirds on cable systems and the rest on low-power frequencies (K10NG in New Orleans)."

"Low-power stations, such as Channel America (on channel 61) and Trinity Broadcasting (channel 59), have much weaker signals than full-power stations and do not send a clear picture to all parts of the city and the outlying areas."

ROBERT GRANT (Allenton MI) writes, "I have an answer for a question you raised in the 4/90 VUD and some local LPTV news. Radio Havana Cuba reports that TV Marti is broadcasting on ch 13. Quote: 'TV Marti operates on (NTSC) standard VHF TV channel 13.....210-216 MHz, this is clearly in violation of (ITU regulations)...' (which state that broadcasting above 41 MHz be domestic). RHC also reports that TV Marti is on only in the pre-sunrise morning hours, and is being jammed by Cuba. My guess is that UHF tuners are probably virtually non-existent in Cuba, since there are no UHF stations, though a man on RHC said he personally watches WBBH-20. At any rate, it does not surprise me that USIA chose a VHF channel to broadcast TV Marti, since international broadcasters always avoid clear frequencies, preferring frequencies where viewers/listeners not looking for their stations

are likely to inadvertently tune in on them. This explains Radio Marti being famous only for their broadcast on 1180 (AM) while their shortwave simulcast is little known to Americans (it BOOMS in here in MI) and is not jammed by Cuba. Cuba, too, beams Radio Taihino on the bands, and the 7100-7300 kHz band is one of the most important IBC bands only because ham operators are tuning into the band looking for a frequency not being trounced by broadcasters!

"W05BN Detroit is on the air with either a sharp directional pattern or a meaningless city of license. The Video Jukebox LPTV has a watchable (but not snowfree and certainly not interference-free) signal at my in-law's house in Carleton, about 27 miles SW of Downtown Detroit...while at my parent's house (my old QTH) in Detroit, there is ABSOLUTELY NO TRACE of CCI from W05BN at all! (Nor any up here in Allenton, but that's no surprise at all). Do you know where W05BN is? How much power?" (I have no idea. -wbf)

"a unID LPTV was seen in Carleton on ch41, with CATV-style open video text. Too weak to ID, but beam heading suggests that it is in the Sandusky, OH area.

"To my knowledge, Value Vision International has no outlet in the Detroit area (contrary to page 5, 4/90 VUD).

"W26AB Detroit (Channel America) apparently has a northward beam. Weak at my parent's on the east side, strong in Warren, and always 'sync-able' up here (abt 40 mi. NNE Detroit).

"I think the form LPTV has taken is a major mistake. A 1kw TPO UHF on a very high tower doesn't produce a sharp picture for a small area, it produces a snowy signal for miles, the signal flying over the heads of nearby residents. I would like to see 'class A UHFs' with 250kw ERP at 100m AAT, about 100km co-channel spacing between themselves, and about 165km from a full service UHF. This would provide a much stronger signal in the LPTV's area, yet at a distance would probably cause less interference than some 1kwTPO/30kw ERP/400m LPTVs."

FRED McCORMACK (Fargo ND) writes, "Good guess on Dave Sinclair's KCY-TV being K53CY. K53CY Yakima is owned by KAYU TV Partners Ltd. and presumably carries KAYU-TV's programs as a translator.

"LPTV's reported with Fox include K25AS Eugene OR, K49AZ Twin Falls ID, and K46BZ Fort Smith AR."

DAVE SINCLAIR (Vancouver B.C., Canada) writes, "I found out that a Toronto based group is interested in starting a fourth English television service from Vancouver. This is all I know so far. The CRTC will probably call for competing applications for a hearing."

Dave sent an article from the 3/12 *Playback Strategy*, which reports on the growth of cable television over broadcast television. "Local cable will be the dominant force in the 1990s, the editor of a U.S. TV magazine says. Merrill Brown, editor-in-chief of the New York-based monthly *Channels*, told the [Canadian Advertising Research Foundation] conference (held in Toronto, 2/27. -wbf) that cable reaches 80% of U.S. homes and has become the 'dominant programming and distribution medium for the '90s.' 'No longer are the networks the only vehicle for television news, sports and entertainment,' says Brown.... 'In 1976 [U.S. networks] ABC, CBS and NBC routinely reached over 90% of the prime time [U.S.] viewing audience, a figure today dwindling below 50% in key time periods in markets with extensive cable television service."



FM NEWS

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Skip Brings More Station News

Oodles of skip pouring in in late May has or have contributed to lots of station news—revealing the likes of stereo on stations like KLAN 93.5 Glasgow MT. Even translators have skipped in. I heard three recently, one of which, you'll see below, is a mystery with the primary station (in UT) not knowing what it might be.

To dispose of the reports, an IL writer said "you have an excellent, concise book. Recently I DXed three stations from Texas and was able to identify them exactly. . . Could you make station layout similar to NYC for Chicago?" It was like that, a decade or so ago.

Mike Cherry sent a map showing his home and how it favors certain directions for DX, as well as other locations on Salt Spring Island BC on which he DXes. Some of them take a four-wheel-drive vehicle to get to, as high as 1000 meters. Mike writes: "Later this fall I shall renew my subscription to FMedia! at the new rate. How could I get through my month without it? Of course you and Carol deserve to make some profit from the venture!" Then he tells of a temporary FM station to be in Vancouver on 91.3 to cover the Molson/Indy Races Labour Day weekend, and Mike wonders if it'll interfere with the KPLU translator on 91.3, which normally covers Vancouver. "This will be the first time a temporary station has operated on FM in Vancouver."

Mike's letter is full of listings I don't know about, like BC Christina Lake *88.5, relay of CBU AM, and Greenwood *97.5, another CBU Vancouver relay, Halifax NS to Sun Radio, with frequency unknown, and Ottawa to Rawlinson Communications. Again, the frequency is unknown. Until more is published on those, I will keep them out of my listings.

Dave Sinclair has not heard anything about new CRTC decisions on FM applications for Vancouver. He sent an item about Portland OR FM stations building a massive concrete tower for KGON FM and five other stations atop Healy Heights. It will be the tallest structure between San Francisco and Seattle. The concrete is laid inside round steel tubes, three legs and designed to withstand winds and earthquakes.

Promoting or collecting promotional items in radio, like bumper stickers, is Mark Strickert's group, DECAL-coMANIA, getting together Aug. 17 to 19, 1990. I think this was in June's VUD, but here's a reminder you can get more info on the gathering by sending Mark an SASE at 3852 N. Oconto Ave., Chicago IL 60634.

* Matt Sittel says WIFX 94.3 Jenkins KY claims to be 50000 watts now. Really, they're only 2800 h.v.; 455 m. And WJLS-FM 99.5 Beckley WV is really stereo now—finally!

Eric Fader sent info on Technics new CQ-ID90 FM receiver for cars which retails for \$799. It features ID Logic and has 4500 AM and 4900 FM stations in it in 5100 U.S. cities having 10,000 or more population. A lower price for ID Logic would give long distance drivers "and DXers" a leg up on the world, concludes the article. Eric added the "and DXers" part, and he wonders if I could make a deal with them for updates. I guess not, as the M Street Journal people are supplying the information to them. Items from the article Eric finds false are: "Most call letters or programming changes involve small radio stations. Technics' research

indicates only 3.4 percent of radio stations undergo a change in a given year." And Eric wonders what would change in the radio's "logic" if Es is in?

Houston's Marty Blaise writes, "Your book is fascinating. I'm hoping to do some FM DXing soon and it should come in very handy. . . I enjoy the radio hobby very much."

Florida's Debra Lee Oliver sent a massive listing of nonIDs from her travels and DX listings. She also heard travel beacons on AM, 1170 St. Augustine FL and Valdosta GA 910. I hear that Valdosta has since left the air. "I am afraid I don't have one of your great FM directories (my copy is about 1978) so I recently bought a 1988 Broadcast Yearbook at a library book sale for \$5 and that is what I am using for now. . . Keep up the good work!"

Doug Allen says there's no Evergreen 96.5 yet, nor has KKFM vacated 96.5. "Not sure what Keith heard (VUD Nov. '89). The Springs stations advertise Winter Park, but not channel 2 which few can receive in the Springs." Doug kindly sent a list of translators that are most likely off the air and/or deleted, which is reported on in the columns which follow.

Fred Vobbe says rumor has it that 96.7 will be Leamington ON's frequency if the CRTC will allow CHYR to abandon AM for FM. "I believe that WXTS *88.3 Toledo is 'Jazz Express.'" He thinks their calls may be WXPS.

European FM Handbook 1990 should be available by now, showing 24,000 stations, up from 20,000 in 1989 and 14,000 in 1988. Price is 160 Finnmarks outside Europe from Timo Leponiemi, Box 7, SF-05901 Hyvinkaa FINLAND. I hope the type is easier to read than last year's.

Thanks to Karl Zuk for mentioning the "FM Atlas" in May's "Monitoring Times," available for \$9.95 plus .90 shipping from DX Radio Supply, PO Box 360, Wagontown PA 19376. Karl's article, "FM DXing," is found on pp. 16-17 of the magazine. It even mentions translators and stations forming networks like PRM in Mississippi.

Mike Bugaj corrects on the calls of Rutland VT 97.1 being WZRT, strictly "Z-97." Bill Nollman, Mike reports, tried three 110-kHz selectivity filters from Murata Erie. "Seems that these have been out only since 1987. Bill says they are a bit better than the 150s. I listened to his Carver at his place and selectivity seemed good, but I had no way to compare with mine. Besides, he had to put his Probe 9 in the attic, and in order to do that he had to chop it in half. I wonder if the average DXer will be able to find these anywhere, especially since Murata Erie doesn't seem to want to cooperate."

Then Bill Nollman wrote, sending a list from Murata Erie of distributors, which seems very inaccurate, about three years old, and the latest that Murata seems to issue. Almost all the distributors, as well as the regional Murata center, were no more—at least in MN where I checked. "Good luck and see you in Virginia!" [Not sure I'm going—b.e.]

Filter sleuth Bill Nienajadly says "we've been doing a lot of detective work in search of more information on filters," and he sent specification information from Murata, courtesy of Tim McVey. Tim claims 130s are better than 110s because of lesser loss. He illustrated

FCC—FM

that with a chart showing sometimes it is better to leave a wider filter in place. Confirming that is Bill's latest experiment—with the 55 kHz filters. "We put them in and had unbearable distortion! But it did seem even more selective! Contrary to what I've been told the 55 kHz are available under a new number. I can't honestly recommend the 55 kHz because of the horrible sound. But DXers might want one or two anyway for experimenting. . . I do recommend the 110s highly. I've found using the molex (IC socket) is excellent for experimenting at home. Don't put them (IC molex) in car radios or portables, because they might come loose. Home tuners OK. Tim also brought over his modified TX-7500 with 110s and 130s and it equals the MR-78 in selectivity! Yea, I'm impressed! I have three 110s and one 150 in the Sony now and one 110 and three 150s in the Pioneer SX-828. All in all, if someone could get rid of the distortion associated with the 55s, then we could really benefit. Too bad there isn't a 90-kHz filter!"

Almost every day brings mail from Bill N., and as the deadline for this column occurs, today's mail has an article from the NYC Daily News speculating that new music on AM might help the struggling medium. The latest convert in NYC is 1480 AM, going to Z-Rock.

Promoting the extreme rock sound is John Scher, who says: "Look what big FM stations are worth today—\$50, \$70 million. If they've been sold lately, they're carrying huge debt service. So they're not going to take chances. They're going to program for the known 25-40 audience. They won't play metal and blow off the older listeners. AOR plays less black music because they don't want to blow off the white middle class [but] there's still a lot of music people like that mainstream radio isn't playing." He points out non-lame stations that dare to be different: Z-Rock, CD-101, "DRE", "RTN", "FMU", college stations. "Even K-Rock, between 2 and 6 a.m., is a free-form, old-fashioned, 1969 radio station. You can piece together some hope."

DXers might want to be aware of

Christians Hate Skip

moves toward or away from format homogenization as an aid to IDing the stations received.

I received 20 Toko filters (180 kHz) from Digi-Key and have another 30 of the 150s on order from Hosfeldt Electronics. Both John Ebeling and I noticed some difficulty in tuning in the skip stations with the filters installed. Seems it takes more careful tuning to get the skippers to sound right.

It's always good to hear from Fred McCormack, and he sent bunches of news that I have not yet analyzed from the incredibly DXing around Memorial Day. "These affect the FM Atlas, 12th edition; though they may well have been covered in FMedia! I always read FMedia!, but it is far too much information to commit to memory and also a lot of work to search through at a later date. I would love to be entering all of your information into a data base, but that is too major a project at present. If you didn't catch it, there was quite an opening on Sunday the 27th and running all night into May 28th. At 0535 on the 28th I made my first new logging in the five o'clock hour with [an Albuquerque station] . . ." He heard one mystery, "Lubbock's all new oldies 104.7," which I think was KLSC Lamesa-Lubbock. "Keep up the good work." I was with that opening until past 3 a.m., DXing also on 89.9 after local WHSA in WI left the air; some of the DX was strong enough, however, to penetrate our strongest local stations—IDaho on 94.9, for example, through local KQDS-FM Duluth-Superior. Ordinary listeners must hate DX. Christian station KXEI 95.1 Havre MT accuses me of being their most distant listener, and says: "We were surprised to get your letter. Probably not as surprised as we would have been had we not received some strange reports in our listening area. On Memorial Day and the day following we began to get reports from the fringe area of our listening area. The calls came from every direction reporting our signal was being blanketed by other stations, stations as far away as Madison WI, Tucson and Flagstaff AZ. As you probably know FM doesn't skip like this very often and would hardly ever last for two days. I'm told this phenomenon is called 'sporadic E layer'. Those reporting were not happy, as all the stations causing the interference were secular stations."

Look near the end of the news columns for "See Also," culled

July, 1990
from last month's VUD.

New FM Station Grants

AZ Globe KRXS 97.3 3000 h.v.; 126 m
CA Chowchilla 93.3 3000 h.v.; 100 m
CA Ford City (Taft) 102.1 3000 h.v.; 9 m
CA Fort Bragg 96.7 1700 h.v.; 128 m
CA Indio 102.3 860 h.v.; 174 m, Ty Stevens
FL Ponte Vedra Beach 106.5 3000 h.v.; 150 m
IA Sioux Rapids 102.9 5000 h.v.; 150 m
LA New Iberia 97.3 5000 h.v.; 150 m
ME Milbridge 93.7 5000 h.v.; 150 m
ME Thomaston 106.9 5000 h.v.; 150 m
MI Buchanan 99.1 3000 h.v.; 100 m
MN La Crescent *90.1 100 h.v.; 263 m, MN Public Radio

MO Charleston KSDJ 106.1 3000 h.v.; 100 m
NJ Wildwood Crest WDDX 93.1 3000 h.v.; 67 m
NY Henderson (35 km N. Pulaski) 100.7 3000 h.v.; 100 m, Jefferson Bcst. Corp.
NY Hoosick Falls 97.5 1800 h.v.; 131 m
NY Lake Luzerne 94.7 1400 h.v.; 146 m
NY Palmyra 99.7 3000 h.v.; 100 m
NY Webster (Rochester) 102.7 3000 h.v.; 100 m
NC Biltmore Forest (Asheville) 96.5 280 h.v.; 340 m, Orion Communications [Bcstg. Corp.
OH Huron 96.1 3000 h.v.; 100 m, Finlanda/
OH Swanton (Toledo) 107.3 3000 h.v.; 100 m
SC Conway 93.9 3000 h.v.; 100 m, C. Bcstg. Co.
TX Bay City 96.1 5000 h.v.; 150 m
TX Littlefield 95.5 3000 h.v.; 100 m
TX Midland 95.1 2500 h.v.; 98 m
VT Derby Center 92.1 790 h.v.; 189 m
VA Farmville 101.3 3000 h.v.; 100 m
WI Lomira 108.7 1300 h.v.; 155 m, Value Radio
BC There are 11 previously unknown low power stations on 96.1 and 96.1 operated by Native Communications Society, with 20 hours of weekly programming supplied them by a new AM station in Terrace BC with 40 watts on 990 kHz. Mike Cherry/Dave Sinclair can you help?

NS Halifax 96.5 10000 h.v.; 5, b
PO La Pocatiere CHGB 105.1 7900 h.v. (but must reduce this power so as not to serve Riviere-du-Loup), to displace CHGB AM. "It would not be economically feasible to replace the outdated AM plant of CHGB, which has served the area for over 50 years."
SO San Luis Rio Colorado 88.5, I, mono, "Radio Sonora," assumed 3000 h.v.; 100 m, and listed as a Class A allocation; heard on I-8 at 52 km to Tacna AZ

Call Letters Assigned

AL Bay Minette 108.5 WUIF
AL Brantley 104.3 WDHT
AL Trinity 92.5 WUIC
AK Fairbanks 95.9 KXLR (KINQ)
AK Seward *98.1 KUHA
AK Soldotna 98.5 KUHK
AZ Green Valley 97.1 KGMS
AZ Phoenix *89.5 K2088W [oldies, "Mix"
101.5 KMXX (KAMJ)-FM] r, AC/
AR Beebe 101.5 KPIC
AR Dumas 107.1 KXFE (KDDA-FM)
CA Davis 105.5 KKLQ (KYLO)
CA Salinas 102.5 KDON-FM (KDON)
CO Grand Junction 92.3 KJYE-FM (KJYE-FM; AM gets new calls), b, no c
CO Sterling 105.5 KPMX (KMXX)
CT Enfield 97.9 WPXX (WJAI), to 1100 h.v.; 161 m. "There's been a dogfight for 10 years. Several people have been applying to run it."
FL Miami 97.3 WFLL (WGTR), rm, "Coast 97, all new Coast 97.3 FM." It has "no commercials, never caught an ID." "This came as a surprise to me; I thought 'GTR's ratings were respectable."
GA Warronton 93.1 WSAA
HI Kawaihae 108.9 KTDH
ID Boise 92.3 K1ZN (KIYS), k, "Kizzin" Country," adds 1R SCS at 92 kHz (1M 67

(kHz)
 ID Gooding 101.3 KCRD
 IL Dwight 98.9 WKDL
 IL Woodlawn 106.9 WUID
 IN Cannelton 102.9 WKCM-FM (AM is in
 Hawesville KY) ["Magic 96"]
 IA Clinton 96.1 KMJC (KMJC-FM), still/
 IA Eddyville 101.5 KCSI (KRAM)
 IA Winterset 99.5 KTDG
 KS Liberal 102.7 KTDJ
 KS Manhattan 104.7 KTFD
 KY Louisville 92.3 WSAC
 ME Harpswell *91.9 WMSJ—got grant because
 WBSF *91.7 Biddeford deleted
 ME Presque Isle 96.9 WBPW (WDHP) "Power
 96"
 MI Grand Rapids 97.9 WGRD-FM (WGRD)
 MI Pentwater 94.1 WSAB
 MI Vandalia *89.9 WSAD
 MO Hannibal 92.5 KTDI
 MO Osceola 92.3 KBUG
 NE Hastings 91.1 KUHG
 NE Lincoln 106.3 KMXX (KHAT-FM)
 NH Meredith 101.5 WMRQ (WMRQ), "Sunny
 101.5"
 NH Rochester 96.7 WWMW (WKOS-FM)
 NM Espanola *91.1 KTDE
 NY Delhi 100.3 WDHI
 NY Irondequoit 106.7 WOSB (WQJ)
 NY Poughkeepsie *88.7 WRHV (WMHX)
 NY Ticonderoga 103.9 WANC (WXTV)
 NC Kingston 97.7 WODW (WFTC)
 NC Rocky Mount *90.9 WUIE
 ND Sars 105.3 KYWG
 OH Delta 106.5 WUIA
 OH Port Clinton 94.5 WXOF (WOSE)
 OK Clinton 106.9 KSWR (KCCF-FM)
 OK Heavener 92.6 KPRV-FM (KPRV); AM is in
 Poteau, k
 OK Holdenville 106.5 KUHD
 OK Lawton 95.3 KBZD
 OK Locust Grove 100.7 KEMX (KWJ)
 OK Moore *88.1 KMSI
 OR Newport *90.5 KLCG (KGZD) [CHR
 SD Vermillion 102.3 KVHT (KVRP), still r./
 TN Parsons 97.3 WKJQ—"FM"
 TX Huntsville 103.5 KTDD
 TX Johnson City 107.9 KBKK (KBZD)
 TX Los Ybancos 107.9 KYMI [strict]
 VT Burlington 97.1 WZRT (not WRXT), "Z-97"
 VA Accomac 99.3 WREL (WLFY)
 VA Buena Vista 96.7 WVLE-FM (WVLI); AM is in
 Lexington VA
 VA Rural Retreat 103.1 WCRF-FM (WYBD)
 WV Bluefield *91.1 WPFR

Facilities Changes Granted

AZ Kingman KGMN 99.9 (from 100.1) 930 h, v;
 863 m, C2
 CA Johannesburg KRAJ 103.9 398 m (194 h, v)
 CA Los Osos KLZZ 101.3 3400 h, v; 510 m
 CA Marysville KRFD-FM 99.9 1700 h, v; 663 m
 CA Pacific Grove KDCN 104.9 930 h, v; 181 m
 CA San Fernando KMGX 94.3 34 m (3000 h, v)
 CA San Luis Obispo K232-94.3 (from K2B1B
 100.1), having moved because of KRQK
 Lompoc now on 100.3
 CO Colorado Springs KTLF *89.7 100 h, 400 v,
 625 m, d-s, \$
 KEPC *90.5 3700 h, v; 84 m, \$; these two did
 not swap frequencies, with KTLF now on
 Cheyenne Mountain "and not interested in a
 swap. KTSC *89.5 Pueblo off, and in suspect
 deleted, since KTLF puts excellent signal into
 Pueblo."
 CO Edwards K292-106.3 (from K244CL 96.7)
 CO Silverthorne K249AX 97.7 off air, but to
 translate KZYR 103.1 Avon when it returns
 (instead of KSKE-FM 104.7 Vail)
 CO Vail K296CM 107.1 has KOSL 92.1 Frisco
 CO, not KRMH-FM 93.5 Leadville
 CT Monroe WMNR *88.1 5000 h, v (122 m, d-a)
 FL Havana WMLO 104.9 47000 h, v; 154 m, C2

FL Key West WQZN 98.7 38 m (10000 h, v), C1
 FL Madison WIMV 102.7 (from 104.9)
 FL St. Augustine WUVU 97.9 (from 97.7) 50000
 h, v; 147 m, C2
 FL Sanibel WRWX 98.5 2600 h, v; 149 m
 GA Augusta WGUS-FM 102.3 1500 h, v; 203 m
 GA Douglas WDMG-FM 99.5 48 m (10000 h, v),
 C1 [m, C2
 GA Fort Valley WDBZ 106.3 48300 h, v; 150/
 GA St. Mary's WAIA 93.3 (from 93.5) 50000
 h, v; 141 m, C2 [m, B1
 IL Carthage WCAZ-FM 92.1 25000 h, v; 100/
 IL Elgin WJKL 94.3 6000 h, v (64 m)
 IN Angola WEAH *88.3 920 h, v; 46 m
 IA Brooklyn KSKB 99.1 (from 99.3) 50000 h, v
 (51 m), C2
 KY Beaver Dam WVPV 102.7 3000 h, v; 100 m
 KY Jeffersonton WLSY-FM 101.7 1900 h, v
 KY Lexington WUKY *91.3 d-a (directional
 antenna) [(100000 h, v)
 LA Alexandria KRVR-FM 100.3 321 m/
 LA Baton Rouge WBRH *90.3 7000 h, v; 47 m
 LA Tioga KLLA 103.5 50000 h, v (100 m)
 LA West Monroe KYEA 98.3 60000 h, v; 150 m,
 C2 [44000 h, v; 162 m, C2
 MI Grayling WQON 100.3 (from 100.1)
 MN Minneapolis WCTS *100.3 97000 h, v; 276 m
 MN Spring Grove KQYB 98.3 50000 h, v; 157 m
 MS Natchez WQNZ 96.1 100000 h, v; 322 m, C
 MO Carrollton KMMZ 100.7 (from 101.1) 98600
 h, v (302 m), C1
 MO Harrisville KCFX 101.1 (from 100.7)
 97300 h, 79800 v, 303 m, C1
 MO Springfield KXUS 97.3 301 m (100000 h, v)
 NJ Margate City WFOU 96.1 84 m (3000 h, v)
 NY New York WQCD 101.9 6200 h, v; 413 m
 NY Plainville WPOB *88.5 79 m, d-a (130 h, v)
 NY Syosset WKWZ *88.5 79 m, d-a (130 h, v)
 NC Charlotte WFAE *90.7 228 m (100000 h, v)
 OH Archbold WMTR-FM 96.1 (having moved
 from 95.9), A
 OH Clyde WHVT *90.5 2700 h, v; 47 m
 OK Lawton KMGZ 99.6 (from 95.3) 50000 h, v;
 150 m, C2
 OK Stillwater KSPF-FM 93.7 16000 h, v; 270 m
 OR Ontario KSRV-FM 96.1 100000 h, v; 147 m
 PA Edinboro WXTA 97.9 2500 h, v (154 m)
 TN Alcoa WYLV *89.1 31 m (3000 h, v)
 TN Collegedale WSMC *90.5 314 m, d-a (100000
 h, v) [318 m
 TN South Pittsburg WKXJ 97.3 11000 h, v/
 TX Gatesville KRYL 98.3 96 m (3000 h, v)
 TX San Antonio KSYM *90.1 3000 h, v; 39 m
 adds vertical [h, v; 182 m, C2
 TX Temple KPLE 104.3 (from 104.9) 33500/
 UT Tremonton KBXQ 105.1 12500 h, v; 301 m
 VT Stowe WRFB 101.7 43 watts h, v; 805 m
 VA Broadway WLTK 96.1 (from 95.5) 2600 h, v;
 308 m, B1
 VA Emporia WEVA-FM 99.5 (not 99.1)
 VA Fredericksburg WBOB 101.5 50000 h,
 48300 v, 150 m, d-a
 WA Tacoma KVTI *90.9 50000 h, v (214 m, d-a)
 NB Saint John CJYC 98.9 30000 h, v (125 m); its
 change to 50000 h, v not yet approved by the
 CRIC
 PQ Montreal C1NQ 102.3 1500 h, v (91 m)
 CIBL 101.5 (from 104.5) 220 h, v; (107 m)

Stereo, or to be Stereo

CA Bakersfield KTIE 107.1, Drake County
 GA Clarksville WMJE 102.9 mr, "Magic 103
 FM," ID with Gainesville
 HI Honolulu KIPO-FM *89.3
 KY Shelbyville WCKP 101.3
 MA Springfield WSCB *89.5, now s[oul]
 MT Glasgow KLAN 93.5, 1U, 67 SCS
 TX Burk Burnett KYYI 104.7, k
 TX Tyler KTMJ 104.1 mr, "Magic"
 Monophonic
 AL Dothan WYOB *91.3
 CA Calixto KUBO *88.7, with some English-

language news, NPR in the morning
 ID Twin Falls KCR *90.7
 OH Marietta WEYO 102.1, "even though it is
 CHR. Antenna problems?" Remove stereo
 listing for this station.
 WV Hinton WMTD-FM 102.3, remove stereo
 listing [stereo listing
 WV Princeton WAFY-FM 95.9, remove/
 BN Tijuana XHITC 98.7, with morning classical
Format Changes (Selected)
 Formats are the same as in the FM Atlas
 AL Butler WQGL 93.5 r
 AZ Flagstaff KVNA-FM 97.5 r, \$
 AZ Kingman KZZZ 94.7 mr
 CO Widefield KLLI 106.3 mr, \$, facilities to
 1600 h, v; 678 m, C2
 FL Goulds WRTO 98.3 S, latin, no longer
 "Whisper 98.3," and sounding similar to
 WXDJ 95.7
 FL Key West WEOW 92.5 r, "Southernmost
 Rock," giving "credence" to the VUD story
 that WIS 107.1 will take over this frequency
 IL Elgin WJKL 94.3 r
 IL Lincoln WESZ 100.1 k, "Easy"
 IA Bettendorf KGLR 93.5 o [dies]
 KY McKee WWAG 107.9 k [country]
 KY Monticello WMKZ 93.1 to be k
 LA Basile KBAZ 102.1 k
 MD Middletown WAFY 103.1 to be mr, \$
 MA Brockton WCAV 97.9 o, +X 67 kHz utilities
 MA Harrisville KCFX 101.1 (having moved
 from 95.9); \$S, sports and special events
 (archival audio) 92 kHz [stereo]
 MA Framingham WDJM *91.3 p, "they just went/
 MS Grenada WQXB 100.1 m, Drake AC
 NY Tupelo WZLZ 98.5 r, AC-olides
 MO Warsaw KAYQ 97.7 k, Drake Country
 MT Sidney KSDY 95.1 remove \$, format, as is
 silent and may stay that way a long time
 NV Ely KELY-FM 101.7 r, CHR
 NV Panaca KLNK *91.7 r, parallel to KNPR
 *89.5 Las Vegas-Stereo?
 NV Tonopah KTPH *91.7 r, with KNPR, \$?
 NJ Villas WLDE 98.7 k
 NY Dansville WACZ 93.9 r, parallel to WDNY
 AM, "no not known if stereo, as signal very
 weak"
 NC Ahoskie WDDK 99.3 k [gospel]
 NC Albemarle WABZ-FM 100.9 g, "southern/
 NC Lumberton KWSJ 102.3 o, "K-102"
 OH Baldrige WKHR *88.3 r
 OH Columbus WMMG 99.7 p
 OH Uhrichville WTUW 99.9 to be k, \$
 OK Oklahoma City KKNK 92.5 mr
 PA Hazleton WWSH 97.9 mr, soft AC
 PA Linesville WVCC 101.7 p, SMN Z-Rock
 PA New Kensington WMPX 100.7 r, "Mix Jams
 100.7" [classical any more]
 PA Pittsburgh WDUQ *90.5 i, "hardly any/
 WYEP *91.3 fj, also some ethnic, no "YEP"
 RI Coventry WCVY *91.5 rp, "91% Rock"
 SC Charleston WWSU 100.7 m, Unis. 41-\$
 SC Georgetown WSYN 106.5 o, "Sunny 106.5."
 SC Goose Creek WUMJ 94.3 r, back to, "94
 Jams"
 SC Marion WPPD 94.3 m
 SC Mount Pleasant WDXZ 104.5 m
 SC Myrtle Beach WKZD 101.7 rp, "Energy 102"
 SC North Myrtle Beach WNNB 105.5 m,
 "B-105," ID with Myrtle Beach
 TN Germantown WEZI-FM 94.3 mr, soft AC
 TN Kingsport WCSK *90.3 r, \$
 UT Ogden KBZN 97.9 mj, PNM Breeze
 UT St. George KZEE 93.5 b, no c
 UT Salt Lake City KSFI 100.3 mr, "more
 energetic"
 WV Fairmont WRLF 94.3 op (classic rock), \$
 WV Miami WLTZ 107.3 o, still "Z-107"
 WV Morgantown WCLG-FM 100.1 rp, \$
 WV Princeton WKMY 100.9 m, "K-Lite 101"
 WI Washburn WEGZ 105.9 r, "power"; now
 "Eagle 106" (not strict)
 ON Sudbury C1GZ 92.7 m, "soft rock," with k
 going to CKSO AM

BN Mexicali XHBA 104.1 mr "and a little c,"
On Air (Selected)
 AZ Wickenburg KTIM-FM 105.3, having moved
 from 105.5
 CA Santa Maria K285CX, but a monophonic
 pick-up of KEAR 106.9 San Francisco
 UT or WY 95.3 a translator for KMGR-FM 107.5
 Orem UT, possibly K2378A Mountain View
 WY, heard via skip. KMGR-FM says "We
 know of no translator relaying us. We have
 only one frequency, 107.5," which is also
 used by KMGR-FM's on-channel booster in
 Bountiful UT. [from 102.3
 VA Marion WOLD-FM 102.5, having moved/
 PD Sherbrooke CBMB *91.7 monophonic, but
 has a pesky 400-hz tone on all night. "They
 pause for about 80 seconds on the top of the
 hour, but no ID, then a resumption of the
 tone." A DX devastator!

Off the Air or Not Yet On

AZ Clifton KJJJ 102.1
 AZ Glendale KQWB 103.5
 AZ Kenya KNDX 105.1
 AZ Phoenix KNAI *85.3
 AZ Yuma KAWC-FM *88.9
 CA Atwater KVRK 92.5
 CA Calipatria KSSB 100.9
 CA Greenacres KAKL *88.3
 CA Greenfield KOKZ 107.9
 CA Gadsuque KHDZ 105.5
 CA Imperial KOZN 99.3, and in bankruptcy
 CA Madera KJDN 107.3
 CA Mariposa KHRA 103.9
 CA Morgan Hill KRAC 96.1
 CA Orange Cove KMAK 100.3
 CA Palm Springs KPFI-FM 100.5 (still on 100.9)
 CA San Jacinto KWPR 96.1
 CA San Joaquin KPVC 105.5
 CA Ventura KAGB 107.1
 CA Visalia KARM *89.7, KGYU 96.1
 CA Winston KEAL 98.7
 CO Trinidad KCRF-FM 92.5 (still on 92.7)
 CO Vail K232AL 94.3, has CP for changes
 ME Bath WIGY 105.9, "asking price \$1 million."
 MD Federalburg WDLF-FM 107.1
 NV Las Vegas KEDS *88.7, KRBO 105.1
 NV Laughlin KLUX 107.9
 NV Mesquite KIPP 97.7
 NM Alamogordo KINN 105.3 (still on 105.5)
 NM Las Cruces KLVG
 NM Las Vegas KEDP *91.1
 OR Phoenix KHUG-FM 101.1, along with its
 AM; former address shunned by the postal
 service: "Forwarding order expired"
 PA Tioga WPHD 93.3—will probably displace
 WNGZ 93.5 Elmira-Corning translator
 PA Tunkhannock WEMR-FM 107.7
 TN Manchester WMSR-FM 99.7, having been
 sold, to be silent for up to four months.
 TX Kennedy KTRN 92.1
 UT North Moab K213BC *90.5
 UT Price KPRQ 100.9 (along with AM), until sale
 WV Wheeling WPHF *91.9—was to have gone to
 100 (h), 13 m. One DXer thinks its operation
 on 91.9 will conflict with WGLZ *91.5 West
 Liberty WV. Anybody in the area who can
 check with the school board at (304)
 243-0400?
 SO Nogales XHNS-FM 106.7

Deletions

CA Fresno K232AY 94.3 "off the air for good."
 Was on for a while, giving the new KTAJ 94.3
 Kerman CA interference.
 CO Colorado Springs K208BE *89.5 (had been
 on 88.1 for a few weeks after leaving 89.5),
 "was short-lived and has not been heard since
 early March."
 CO Eagle K252CH 98.3, K272AF 102.3
 CO Glenwood Springs K272AJ 102.3
 CO Lake George K204AI *88.7
 CO Manitou Springs K205AE *88.9

K211AW *90.1
 CO Mesa K252BP 98.3
 CO Minum K249AS 96.7
 CO New Castle K244DB 96.7
 CO Palisade K252AT 98.3
 CO Parachute K244AP 96.7
 CO Silverthorne K296CK 107.1
 CO Sylvan Lakes K244BP 96.7
 CO Vail K240BM 95.9
 SC Services, 57, 67, 76 and 92 kHz
 See this feature in FMedia!

NonIDs, Not Just Slogans

Mentioned an air usually without call letters;
 "strict" if a station only uses call letters once per
 hour as required by the FCC (at or near the top of
 the hour).
 AL Enterprise WKMX 106.7 Max 107 (from
 "KMX") ["Sunny 96"], not strict
 CO Denver KSYU 95.7 Sunny 95.7 (from/
 CT Norwich WCTY 97.7 no nonID
 CT Williamantic WLLI-FM 98.3 I-98
 FL Callaway WBKL 103.5 Kool 103, ID with
 Panama City [try (from "Q-103")
 FL DeFuniak Springs WQUH 103.1 Q-Coun-/
 FL Jacksonville WKOL 96.9 96.9 Cool FM
 WCRJ 107.3 The Rooster
 FL Panama City WPFM 107.9 The Great 108
 ("108 FM, The Country K")
 FL Starke WEAG-FM 106.3 Eagle 106.3, ID with
 Gainesville [(from "Z-103")
 FL Tallahassee WTHZ 103.1 Rock 103/
 GA Cleveland WGGG-FM 101.9 Georgia 101
 (used more often than "Georgia 101.9")
 GA Royston WUPU 103.7 The Pup
 IL Summit WARG *88.9 The Radio Alternative
 IN Corydon WGZB-FM 96.5 B-96.5
 IA New Iberia KDEA 99.1 Easy
 ME Norway WDXO 92.7 93-X, k via satellite
 MA Pittsfield WRCT 101.7 Z-101.7
 MN Pipestone KISD 98.7 Kiss-FM, still r, "heat"
 MS Biloxi WQID 93.7 The Q (from "93.7 Q10")
 MS Hattiesburg WHER 103.7 Eagle 103
 MS Meridian WZMP 95.1 Z-95, \$
 MT Lewistown KLCM 95.9 K-96
 NM Los Alamos KPZA 106.7 K-Bomb
 NM White Rock KNLA 101.1 LA-101, o
 NY North Syracuse WEZG 100.9 Lite 101 FM
 NC Davidson WDAV *89.9 Classical 89.9
 NC Kinston WKMS *90.5 K-91
 NC Morehead City WRHT 96.3 Sunny 96
 NC Shelby WMMG 96.1 Magic Oldies 96
 OH Alliance WDJQ 92.5 DJQ (x-"HitRadio 92")
 OH Niles WNCO 106.1 and PA Grove City
 WRKU 95.1 both known as "The Wolf," with
 WKRU relaying WNCO
 PA Beaver Falls WWSK 106.7 Kiss 107 (from
 "Kiss 106.7")
 PA Franklin WFRA-FM 99.3 Mix 99.3
 PA Johnstown WKYE 95.5 95-KYE
 PA Mercer WWIZ 103.9 I-104 (from "104-4")
 SC West Columbia WSCQ 100.1 Q-100 (from
 "Lite Rock 100")
 TN Chattanooga WDEF-FM 92.3 no nonID,
 "Easy 92" now "rarely used," still b
 WV Clarksburg WVHF 92.7 Stereo 93
 WV Mullens WPMW 92.7 still "C-92" and no call
 letters' change. "I have no idea why we call it
 C-92!" [ing "Lite Rock 97" out
 WV Wheeling WKWK-FM 97.3 K-97, throw/
 WOVK 98.7 98 Country

Multi-City IDs in Use
 (selected)
 AL Andalusia WWSF 98.1, "98 Surf FM," with
 Fort Walton Beach FL
 CO Atamora KALQ 93.5 with Antonio
 CO Colorado Springs K10L 93.9 with Pueblo,
 but no longer with Denver
 TX Midland KNFM 92.3 with Odessa
 WA Richland KFAE *89.1 with Pasco-
 Kennewick, still has IT, 67 SCS
 WV Beckley WJLS-FM 99.5, now \$, with
 Bluefield-Princeton-Oak Hill

**AM Happenings Most Likely Caused
 by FM (Selected)**
 AZ Flagstaff KCLS 600 silent
 GA Camilla WCLB 1400 silent
 GA Valdosta WFRV 910 silent
 MS Columbus WDBI 650 silent
 MS Greenville WBDT 900 silent
 MS Monticello WMLC 1270 silent
 NC Reidsville WRNC 1600 silent
 SC Gaffney WFGN 1180 silent, had been religion
 SC Spartanburg WKDY 1400 silent

See Also June VUD For:
 KS Colby KTCC *91.9 "T-92" nonID, Allen, p.
 29 [p. 30
 KY Henderson WKPB *89.5 has \$, c, Strobel,/
 NY Norwich WKXZ 93.9 adds O neonta ID,
 Heburn, p. 25
 NC Dunn WRCD 103.5 "Q-103" still in use, even
 after move from 103.1, Coniglio, p. 30
 VA Norfolk WACL 103.5 nonID has since
 changed, I am told, from "Cool 105.3" to
 "Z-105," Sittel, p. 28

Jones Booted Out at WUSF
 Ben Jones, classical music host at
 WUSF *89.7 Tampa FL, is no more—at
 least at that station. He made news when it
 was announced he had personally
 received \$30,000 per year from a fan who
 liked his announcing style. Seems Jones
 was not an English-born announcer, and
 he did not have the degree from the
 University of Wales he claimed he had.
 "Because I was not hired as an educator,
 but as an entertainer, I engaged in some
 deception in order to secure a role,"
 Jones said. "It's a real tragedy not to be
 able to serve this area. It's a bizarre sort
 of a situation." An unknown person had
 been the university check Jones' credentials-
 even station manager John Young was
 not sure who. A national search is going
 on for Jones' successor, with other staff
 members taking care of his shift after the
 firing.

Is It—Or Was It—Translator Abuse?
 Moody Bible Institute has filed 58 FM
 translator applications with the FCC in
 the days since the compromise with
 Family Stations, Inc., National Public
 Radio and the National Federation of
 Community Broadcasters was hammered
 out. All of the applications—accepted by
 the FCC but not yet granted—are in areas
 having at least one public radio channel
 open. States enjoying Moody FM transla-
 tor applications are LA, IN, KS, NM, AR,
 CA, CO, CT, FL, GA, ID, IL, KY, ME,
 MA, MS, MO, NJ, ND, OH, OK, SD, TN,
 TX, VA, WV. The FCC out-of-date for
 petitions to deny or mutually exclusive
 applications was May 1. However, an
 additional 32 Moody applications were
 turned back by the FCC on April 3.

**San Diego's KPBS and Mexican Station
 Sign Accord**
 KPBS *89.5 San Diego joins with
 XHITT Tijuana in simulcasting KPBS'
 Spanish-language programming. XHITT,
 licensed to the Institute of Technology,
 airs news, classical music and cultural
 programming, and also reaches most of
 San Diego county. No information is at
 hand on XHITT—or is it XHITZ?
**Eleven NY FMs Fight Landlord In Rent
 Hike Dispute**
 Eleven New York city-area FM stations
 have put aside their competitive differ-
 ences to battle Helmsley-Spear, Inc., which
 wants to double their rents in exchange
 7311, [B]

SOUTHERN FM DX

JULY 1990

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 10th

SKIP SEASON KICKS OFF ON MEMORIAL DAY

The Es season started May 27th for many DXers, and from there it appeared a chain reaction started with openings forming at a daily rate. At least 8 days in a row of it for one DXer. Es also found its way up to TV 7 and 9 as well as NOAA weather radio. Openings tended to be long lived. Es sure doesn't get off to such a great start most years. However, since around June 4 it seems the Es has spent itself out for awhile and has grown largely silent. Trop wise it seems the rough weather over much of the country made things too unsettled for it with little being reported with the major exception being some good trop over 600 miles received up on the front range of the Rockies. The DXer from Pikes Peak Country has awarded his DXing prize and offers a chance to earn another one. Well, reports started coming in here at a trickle and soon turned into a flood, so on with the reporting.

Doug Allen, w2crs, P. O. Box 5646, Woodland Park, CO 80866

Equip.: Denon TU 800 & stacked Stereo Probe 9's at 25'

5/8 ms

1328 KUNI 90.9 IA Cedar Falls, ID

5/10 trs

0720 KAML 96.9 WY Gillette, o/KCMI

5/11 ms

2105 WQEN 103.7 AL Gadsden, "q104"

5/15 tr ducting & ms 630 mi.

0450 KLMK 107.3 OK Poteau, many IDs, best tr

0455 KKWK 97.1 OK Muskogee, promos,

"call 687-FM-97" 570

0458 KBUL 98.1 NV Carson City, ms off back

of antenna

0458 KKRxt 98.1 OK Lawton, "Rock 98",

peaked in/out of noise

0500 KATT 100.5 OK Oklahoma City, ID, 457

"the Cat"

0501 KMYZ 104.5 OK Pryor, much weaker

than Poteau & OK City

0505 KMGL 104.1 OK OK City, "Magic 104" 475

0506 KRKO 107.7 OK OK City, local ads

0520 KWGS 89.5 OK Tulsa, "It's 75 in Tulsa"

0521 KMOD 97.5 OK Tulsa, very strong and in

until 0830 525

(At this point I tried to call Danny in

Stillwater without success. (And at that

point I was at work, sorry. Darn, I wish

I was present then. Gee, I'm starved for

some trop from the Rockies, direct from

xmitters atop Cheyenne Mountain. DB)

0523 KTFX 103.3 OK Tulsa, k, to ABC news,

not as strong as KMOD. (No wonder, KTFX's

tower is about 20 mi farther away. DB)

0530 KVLt 106.1 OK Owasso, "good time oldie

station, Cool 97"

0549 WMBW 88.9 TN Chattanooga, ID, ms

0558 KCLR 97.7 OK Edmond, in noise

0600 KSPit 93.7 OK Stillwater, could not

pull out of KIL0 splatter. (Maybe you can

after KSPi moves to a new 1033' tower. DB)

0606 K252AZ 98.3 KS Liberal, KANZ trans,

Hard to rule out Lamar, Ashland and Elkhart

but peaked right, and Liberal's 101.5 was

strongest non-local on band. Ducting was

moving northward at this time.

0709 KGSU 91.7 OK Stillwater, ID, strong

0725 KDCK 95.5 KS Dodge City, strongest

ever heard!

0730 KJKQ 97.3 KS Garden City, ads

5/15 tr

0730 K257BH 99.3 KS Dodge City, weak & steady,

best trans DX

0735 KINF 91.9 KS Dodge City, local spots

0800 KIOL 99.3 KS Iola, ID & wx, weak o/u

K257BH, best 3 kw DX

0815 KANZ 91.1 KS Garden City, o/ KWBI, my

strongest local!

0830 KMOD 97.5 OK still in, but weak. Wichita

& Amarillo out of duct and very little en-

hanced this morning.

5/17 trs & ms

0800 KCFRtr90.9 ? NPR, peaks north, but not

K215BE; help! burst

0822 KHYY 94.9 TX Arlington, "Y-95", 10 sec.

5/19 Es

1847 WUFE 92.1 GA Eastman, local spots

1853 WBYZ 94.5 GA Baxley, nx of Jesup, Boxley

5/20 tr

2029 KMML 98.7 TX Amarillo, strongest 310

Amarillo, almost local strength

2030 KECB 89.9 TX Amarillo, not sure of call

2125 KKRX 98.1 OK Lawton, "K-rocks", ID 470

2150 KQLI 94.3 OK Lawton, ID, 3 kw 470

2158 KKRK 93.5 OK Altus, "Y104 FM"

2210 KRGn 103.1 TX Amarillo, ID, 3 kw 310

2230 KJGE 94.5 TX Gainesville, "the edge" 565

2241 KVOqt 98.1 TX Lorenzo, "the Q" ?? Help?

5/23 Es

2200 CKUA 96.9 AB Peace River, ID

2222 CKSB-3t 93.7 MAN The pas, FF

5/26 tr

0515 KKRX 98.1 OK Lawton, "K-rocks", ID 470

0518 KRPT 103.7 OK Anadarko, ID, full Q 455

0610 KDJW 94.1 TX Amarillo, strong 310

other Amarillos weak

0646 KKWt 104.7 TX Burk Burnett, "New Y104" 475

Wichita Falls ads, Wichita county wx alert

5/27 Es

1501 WRVL 88.3 VA Lynchburg, ID

1503 WVKU 91.7 OH Cincinnati, ID

1520 WWSW 94.5 PA Pittsburg, "JWS", local ads

1522 WQIO 93.7 OH Mt. Vernon, ID

1523 WDFI 94.3 OH Marion, ID

1532 WHBG 94.1 OH Canton, ID

1536 WYNT 96.9 OH Sandusky, local ads

CONT...

SOUTHERN FM DX

5/27 Es

1538 WVEN 99.3 PA Franklin, "the new Mix

99.3 FM", new calls?

1541 WOSE 94.5 OH Port Clinton, ID

1543 WZAK 93.1 OH Cleveland, ID

2205 WNBV 93.5 MI Newberry, promos

2210 ?? 93.7 + 98.1 // in FF

2210 CBON7 94.9 ON Espanola, FF, //98.1

2220 WOLF? 97.7 ?? ? "The Wolf 98 FM"

2228 WJPD 92.3 MI Ishpeming, k

2239 CBON18 88.1 ON Sault Ste. Marie, FF //

2245 CBON23 98.1 ON Sudbury, FF, ID

2246 CBON23 96.9 ON Manitowadge, FF,

zz 98.1, 93.7, 88.1

2250 CBON22 93.7 ON Geraldton, FF, //98.1,

93.7, 88.1, 96.9

2252 CBON25 97.1 ON Timmons, FF, //98.1, 93.7

88.1, 96.9, 93.7

2254 CBON24 90.7 ON Kapusasing and/or

Wawa CBON27

2256 CBON26 90.3 ON Hearst, // above

2300 CBLJ 88.3 ON Wawa, ID'd as "CBC for

northern Ontario", //90.5, s/o NA 2314

2301 CBON27t 90.7 ON Wawa

2304 CBQT 90.5 ON Fort Francis, "CBC for

northern Ontario"

2305 KQDS 94.9 MN Duluth, ID

2305 CJSD 94.3 ON Thunder Bay, local spots,

wx

2310 KSTP 94.5 MN St. Paul, "KS-95", ID

5/28 Es

0007 WJJO 98.1 MN St. Cloud, wx

0016 KMPY 96.9 MN Grand Rapids, ID, x-KNNS

5/29 Es

0840 WETK? 93.1 ?? sounded like WBTK, help!

0850 WNT0 93.5 FL Port St. Joe, ID

0852 WSM 95.5 TN Nashville, ID

0855 WJST 94.5 FL Port St. Joe, ID

0858 WEZI 94.3 TN Germantown, ID

0908 WMEZ 94.1 FL Pensacola, ID

0910 WONE 98.1 FL Titusville, "98 Surf FM"

0920 WDJR 96.9 FL Jacksonville, "classical

rock WDJR"

0921 WTNT 94.9 FL Tallahassee, ID

1000 WLRH 89.3 AL Huntsville, ID, from car

1024 WKYQ 93.3 KY Paducah, ID, from car

1025 unID 94.5 "Clear country 94", HELP!

1058 WRTE 106.5 IN Washington, ID

1059 WEKU 88.9 IN Richmond, ID

1115 KDRM 99.3 WA Moses Lake, ID

1120 KVTI 90.9 WA Tacoma, "I 91 FM"

1124 KPO 102.1 WA Wenatchee, "Q102 FM"

1131 KKSX 97.1 OR Portland, "Klessin FM"

1132 KMCC 104.5 OR The Dalles, local ads

1139 KFFM 105.3 WA Yakima, "K double FM"

1141 KAARxlator 107.9 WA ? "Car FM 95.3, 107.3"

KQBE 103.1 WA Ellensburg, "FM 103 KQBE"

1143 KCMS 105.3 WA Edmunds, ID

1150 KUMA? 107.7 OR Pendleton, local ads,

"YX 107" Or was this something else?

1821 WMQX 93.1 NC Winston-Salem

1838 WLVT 96.9 NC Charlotte "Thunder

96.9" HELP!

1840 WNGC 95.5 GA Athens, ID

1842 WIRQ 94.9 TN Greenville, ID

1843 WDBL 94.3 TN Springfield, ads

1844 WIVK 107.7 TN Knoxville, "656-WIVK"

1854 WZLI 106.1 GA Toccoa, "106 WKLI"

1856 WMCX 104.7 NC Charlotte, "WMIX"

1907 unID 98.7 ?? Good time oldies Cool

98.7" HELP!

Allen, cont.

5/29 Es

1914 WKHX 101.5 GA Marietta, k, "KICKS 105 FM"

1918 WXXX 106.9 AL Birmingham, "KIX 106"

1920 WPCB 94.9 GA Atlanta, ID

1922 WKRM 102.1 AL Decatur, ID

1924 WQLT 105.3 AL Forence, k, "75 in Shoals"

1927 WNDM 101.3 SC Sumter, "the big DM"

1931 WXXX 103.1 TN Jackson, "MIX 103 FM"

1937 WNYU 102.1 TN Seville, "U102"

1941 WQQG 101.3 NC Wilmington, k, "WQ 101.3"

(long single hop!)

1943 WFFV 104.5 FL "Atlantic Beach on Rock 105"

1945 WMMZ 93.7 FL Ocala, "Z 93.7"

1949 WBTL 95.9 AL Tuskegee, ID, soul-rap

1952 WDJC 93.7 AL Birmingham, ID

1010 WBTB 97.7 FL Bonifay, "Gospel 97"

2012 WDLT 98.3 AL Chicksaw, ID

2018 WHER 103.7 MS Hattiesburg, "Eagle 103"

2027 WQID 93.7 MS Biloxi, r, many dedications.

2029 WMAHt 90.3 MS Biloxi, c

5/30 Es

1233 KATS 94.5 WA Yakima

1238 CBUF 97.7 BC Vancouver, ff, from car

1240 CKKS 96.9 BC Vancouver, "Kiss FM", car

1243 KMOK 106.9 ID Lewiston, "K107", from car

2039 KHLQ 102.1 TX Houston, "Magic 102"

5/31 Es

0800 WYFK 89.5 GA Columbus, ID

2026 WVEZ 106.9 KY Louisville, "Easy 107"

2116 WGUU 90.9 OH Cincinnati, ID

Mike Cherry of BC won the prize (see April

VUD) of a TV mast mounted preamp by calling me

May 28th. There's a new prize for 700 mile

plus tropo to Colorado Springs. Call me at

719/687-3549.

What a month! Three good tropo openings

into eastern Oklahoma and/or southern Oklahoma

& TX with new tropo DX record of 630 miles,

and almost non-stop Es the last few days of

the month. The Es MUF hit 144+ mhz on several

occasions. Some of the above Es stations were

logged from my gift shop in Divide, about 4

miles west of my home, using a Kenwood KR-5010

receiver with 150 khz filters and crossed

yagis at 20'. A preview of my June report is

a 750 mile tropo catch to Shreveport, LA on

June 6th. 73.

SOME ABBREVIATIONS USED IN SFM:

- r-rock
- g-gospel
- m-middle of the road
- k-country and western
- nx-news
- wx-weather
- \$-stereo
- c-classical
- j-jazz
- ID-station identification
- FF-French
- SS-Spanish
- QSL-written station reception confirm.
- Es-E-skip propagation
- tr-tropospheric propagation
- ms-meteor scatter propagation

Fred Laun(K3ZO) 5801 Huntland Rd., Temple Hills, MD 20748

Equip.: Denon TU-800, Winegard at 35'

5/27

0900 WINK 96.9 FL Fort Myers
0913 WKZY 92.1 FL Naples
0953 CMBC 90.3 Cuba Habana, R. Progreso
1029 WAFQ 90.3 FL Ft. Lauderdale
1032 WCMQ 92.3 FL Hialeah

5/27

2044 KQHT 96.1 ND Grand Forks
2049 KXKL 92.9 ND Grand Forks
5/28
1805 JBC-FM 92.1 Jamaica Montego Bay(Jamaican
Broadcasting Co.) Stayed in for over an hour.
No other DX on band.

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663 Equip.; same as listed 5/90

Raleigh, NC DX:

5/1 tr
0530 WRSF 105.7 NC Columbia 140
0532 WTCB 106.7 SC Orangeburg, "B106" 201
0534 WNVZ 104.5 VA Norfolk, "Z104" 156
0542 WCOS 97.9 SC Columbia, calls 179
5/4 tr
0600 WSSX 95.1 SC Charleston 218
0606 WTCB 106.7 SC Orangeburg, "B106" 201

5/8 tr

0533 WXQR 105.5 NC Jacksonville, calls 101
0620 WYAK 103.1 SC Surfside Beach 156

Kingsport, TN DX:

5/8 trs
2134 WIFM 100.9 NC Elkin 94
5/20 trs
0005 WQNS 104.9 NC Wavnesville, calls 69
1327 WQSM 98.1 NC Fayetteville 224
1357 WYAV 104.1 SC Conway, "Wave 104" 265

Es

1634 unID 89.1 opera
5/21 tr
0651 WFXS 102.3 TN Soddy-Daisy 170
0655 WDEN 105.3 GA Macon, calls 257
0659 WLTR 91.3 SC Columbia, ID 187
0701 WPCM 101.1 NC Burlington, calls 171
5/22 tr
2212 WABZ 100.9 NC Albemarle, g, calls 150
5/23 tr
0559 WDRZ 103.1 TN Etowah, ID, g 137
0603 WROV 96.3 VA Martinsville 149
0645 WBRF 98.1 VA Galax 91

5/27 Es

1058 RJR 94.5 JAMAICA Kingston 1441
1110 ???? 92.1 CUBA
1115 RHC 90.3 CUBA Havana
1204 KBIL 92.9 TX San Angelo, r\$ 1088
1206 KIXY 95.3 TX Brady 1037
1209 KITV 92.9 TX San Antonio 1053
1210 KBTLS 93.3 TX Killeen, "B93" 948
1224 KLTY 94.1 TX Fort Worth 887
1230 KIXY 94.7 TX Big Spring 1120
1232 KAPT 94.7 TX Luling 998
1244 KWKH 94.5 LA Shreveport 702
1245 KAND 107.9 TX Whitehouse, "Kiss107" 782
1251 KISX 107.3 TX Whitehouse, "Kiss107" 782
1252 KMMX 106.7 TX Terrell Hills 1043
1253 KOAI 106.1 TX Denton, "The Oasis" 861
1256 KIXS 105.5 TX Harker Heights 949
1258 KKNY 104.5 TX Orange 783
1301 KERA 90.1 TX Dallas, calls 864
1306 KVL 103.7 TX Dallas, calls 864
1311 KFAN 101.1 TX Fredericksburg 1040
1312 KEFG 100.9 TX Victoria 999
1323 KGLF 103.3 TX Freeport 913
1329 KPEZ 102.3 TX Austin, "Z 102" 981
1334 KTFM 102.7 TX San Antonio, calls 1053
1339 KASE 100.7 TX Austin, "Case" 981
1344 KPJN 106.3 TX Gonzales, local ads 994
1347 KCRM 103.1 TX Cameron, "KC103" 921

5/27 Es

1348 KMQJ 102.1 TX Houston, "Magic102" 878
1349 KNCN 101.3 TX Sinton, local ad 1055
1353 KCYV 100.3 TX San Antonio, "Y100" 1053
1357 KRRG 98.1 TX Laredo 1182
1358 KWVS 97.5 TX Kingsville, "Waves" 1096
1400 KSTX 89.1 TX San Antonio 1053
1404 KHFI 98.1 TX Austin, "K98" 981
1409 KLDE 94.5 TX Houston, "Oldies 94.5" 878
1413 KBHT 93.5 TX Crockett, calls 823
1415 KLLL 96.3 TX Lubbock, "K Triple L" 1116
1426 KSCS 96.3 TX Fort Worth 887
1536 KZOC 92.9 KS Osage City, "KZ93" 745
1555 KEZU 94.5 KS Scott City, "Cool 94.5" 1019
1616 KGLS 93.1 KS Pratt, calls 897
1616 KSEC 93.3 CO Lamar, local ads 1018
1622 KSPZ 92.9 CO Colorado Springs 1230
1622 KIL0 93.9 CO Colorado Springs, "Kilo94" 1230
1625 KRDO 95.1 CO Colorado Springs, calls 1230
1633 KKFJ 96.5 CO Colorado Springs 1230
1635 KOEZ 92.3 KS Newton, b 821
1639 KJCK 94.5 KS Junction City, area mention 808
1648 KBPT 105.9 CO Denver, calls 1242
1649 KAZY 106.7 CO Denver, calls 1242
1704 KINI 96.1 NE Crookston, area wx 1063
1710 KKPR 98.9 NE Kearney, "Power 99" 939
1725 KEFM 96.1 NE Omaha, "Lite 96" 797
1732 KSDZ 95.5 NE Gordon, calls, r 1133
1735 KXLP 93.1 MN New Ulm, calls 901
1735 KSKM 93.3 ND Jamestown, calls 1105
1740 KBRF 103.3 MN Fergus Falls, "FM 103" 968
1744 KRCS 93.1 SD Sturgis, area wx 1233
1752 KQHT 96.1 MN Crookston, area ad 1063
1755 KMSR 94.3 MN Sauk Centre, calls 913
1802 KXKL 92.9 ND Grand Forks, "XL93" 1089
1809 KYYY 92.9 ND Bismarck, "Y93" 1179
1817 KBYZ 96.5 ND Bismarck, "Z96", calls 1179
1819 KZPR 105.3 ND Minot, "k Magic 105" 1256
1821 KQDY 94.5 ND Bismarck, calls 1179
1822 KSDN 94.1 SD Aberdeen, local mention 1038
1829 QDUJ 95.5 ND Jamestown, "J Country" 1105
1909 CHI0 94.3 MB Winnipeg, "Q94" 1182
2228 WSCD 92.9 MN Duluth 882

5/28 Es

1654 unID 89.3 British accent, EE-TV into Cuba.
5/29 Es
1905 KACV 89.9 TX Amarillo, "FM 90", pr 1116
1931 KMOR 92.9 NE Scottsbluff, calls 1206
1942 KNEB 94.1 NE Scottsbluff, "AllHit k 94" 1206
1948 KCGY 95.1 WY Laramie, "Y 95 country" 1281
2001 KBPT 105.9 CO Denver, ID 1242
2026 KEZU 94.5 KS Scott City 1019
2051 KRDO 95.1 CO Colorado Springs, b 1230
2051 KSPZ 92.9 CO Colorado Springs 1230
"The All New Oldies 92.9 FM"
2054 KIL0 93.9 CO Colorado Springs, "Kilo94" 1230
2101 KBLJ 92.1 CO La Junta, calls 1159
2105 KOIZ 93.1 TX Amarillo 1116
2113 KMRE 95.3 TX Dumas, "KDDD-KMRE" 1089

cont...

5/29 Es

2116 KCEM 104.5 NM Bloomfield, area ad 1414
2130 KATX 97.3 TX Plainfield 1097
2131 KSEL 95.3 NM Portales, calls 1206
2132 KCLI 95.3 OK Clinton, calls 927
2137 KBAT 93.3 TX Midland, local ad 1174
2138 KNFM 92.3 TX Midland 1174
2149 KBIL 92.9 TX San Angelo 1088
2151 KKKK 99.1 TX Odessa, gr\$ 1182
2154 KWMJ 103.3 TX Midland 1174
2200 KLTZA 92.9 NM Artesia, ID 1271
5/30 tr
0559 WDRZ 103.1 TN Etowah, ID 137

Es

ZI46 KFMX 94.5 TX Lubbock, "94.5 FMX" 1116
2152 KNIN 92.9 TX Wichita Falls, calls 936
2153 KZOR 94.1 NM Hobbs, calls 1205
2154 KBAT 93.3 TX Midland, "The Bat" 1174
5/31 Es
1824 KELT 94.5 TX Harlingen, "K-Light" 1166
1835 XHOX 95.3 TX Tampico, many local ads 1369
1838 XHMU 90.1 TA Tampico, "FM Noventa" 1369
1953 KSCB 107.5 KS Liberal, local mention 1024
1955 KVL 106.1 OK Owasso, "Cool 106" 746
1959 KMOQ 107.1 KS Baxter Springs, ID 679
2000 KJFK 105.1 OK Perry, calls 825
2001 KKR0 107.3 KS Wichita, calls 819
2005 KGBX 105.9 MO Bolivar, calls 607
2012 KKND 105.5 OK Stillwater, calls 812
2024 KRYT 107.9 CO Pueblo, "K-Right" 1241

I have never heard so much FM E-skip in May. There was skip on the last 5 days of the month; 5 days of FM E-skip in a row is a personal best for me, after a few strings of 4. DX on 5/29 and 5/31 both peaked in the hi-band VHF TV channels. A few unIDs that kept coming in were Kansas City Royals baseball on 100.3, 101.1, 100.9, 93.5, and 106.7. Also on 5/29 slogans of "106.7 KFX" and "Power 105.7", along with "Country 102.9", were heard and I cannot find any station using these. Any ideas? Thanks to Doug Allen for his help in ID'ing some stations on 5/29 for me. I'm working 7:25AM-3:55PM M-F until 7/23, so I can't monitor DX in the mornings unless it occurs on the weekend. Best of DX to all!

Gus Mancuso, 5616 Inwood St., Cheverly, MD 20785

Equip.: Pioneer SX-40 w/single 130 filter

5/31 Es

1930 KYKZ 96.1 LA Lake Charles
2000 KWBS 103.3 TX Wichita Falls
2007 KNIN 92.9 TX Wichita Falls
2025 KRPT 103.7 OK Anadarko
2037 KGNZ 88.1 TX Abilene
2041 KLUR 99.9 TX Wichita Falls
2049 KSRW 96.1 TX Childress

5/31 Es

2028 KVGB 104.3 KS Great Bend, "K-104" 903
2034 KJLS 103.3 KS Hays 936
2035 KEYN 103.7 KS Wichita, calls 819
2037 KRUZ 102.5 MO Joplin, "Z 103" 666
2038 KIKX 102.7 CO Manitou Springs 1232
2040 KWQD 102.3 OK Woodward, "Q102" 941
2041 KFDT 101.3 KS Wichita, calls, k 819
2043 KNIC 105.7 CO Lamar, "The Fox" calls? 1108
2048 KWKL 106.5 KS Arkansas City 807
2058 KXJK 105.3 KS Haysville, ID 826
2059 KOBC 90.7 MO Joplin, ID 666
2100 KBLJ 92.1 CO La Junta, ID 1159
2112 KATM 100.7 CO Pueblo 1241
2115 KBVZ 99.1 KS El Dorado, calls 799
2123 KW0X 101.1 OK Woodward, "K-101" 941
2124 KPNC 100.9 OK Ponca City, calls 810
2125 KOST 101.1 CO Denver, local mention 1242
2130 KKOJ 97.3 KS Garden City, "Q97FM" 1013
2133 KKFM 96.5 CO Colorado Springs 1230
2137 KRZZ 96.3 KS Derby 817
2149 KGLS 93.1 KS Pratt 897
2151 KIL0 93.9 CO Colorado Springs, ID 1230
2155 KSPK 102.3 CO Walsenburg, calls 1232
2159 KRDO 95.1 CO Colorado Springs, ID 1230
2208 KMG8 98.9 CO Pueblo, "Magic FM" 1241
2211 KSEC 93.3 CO Lamar 1108
2221 KSPZ 92.9 CO Colorado Springs 1230
<---Hi, Danny! I finally heard your area!!
(Well, it's about time after their move to
much higher tower, last year. DB)

Christopher S. Dunne, P.O. Box 533, 21500 Johnson St., Pembroke Pines, FL 33029

Equipment: GE Superadio II modified w/150 filter, Radio Shack 6-element antenna 20' high

4/27 tr

0000 WLPT 88.3 GA Jesup
0012 WIVY 102.9 FL Jax, Y103 after dark...
0835 WHHR? 106.1 SC Hilton Head Is., "Magic
106"/w/temps. for Savannah, Beaufort &
H.H.I. then Smokey R. tune
0842 WLOW 106.9 SC Bluffton, "Folvio's
Grill in Main St. Village..."
0902 WWOQ 101.3 NC Wilmington, "Wilmington's
Country MX Leader, Double Q 101.3..."
0929 WHTK 99.7 SC Port Royal, jingle
0935 WLRQ 99.3 FL Cocoa
0939 WBGW 98.9 FL Tallahassee
0951 WNEF 94.3 FL Lake City, spot
1005 WSVH 91.1 GA Savannah, ID
1007 WBYZ 92.5 SC Manning, Wheels 92-5

5/31 tr

2115 WAAI 100.9 MD Hurlock, sandwiched between
2 locals, a tribute to filter modification,
humidity(60) and temp(70) modest tonight.
6/1 tr
0700 WBOC 98.9 MD Salisbury, calls (new
station, VUD list WBDY, but heard WBOC as AM
plus TV.)
0701 WCVE 88.9 VA Richmond, ex 101.1

4/27 tr

1014 WSSX 95.1 SC Charleston, ID
5/1 tr
0921 WOOF 99.7 AL Dothan
0926 WFSY 98.5 FL Panama City, Sunny 98.5
0937 WKZY 92.1 FL Labelle, "Kozy country"
0942 WAPE 95.1 FL Jacksonville
0948 WTRS 102.3 FL Dunellon
0952 WSYA 103.3 AL Montgomery
0959 WZHT 105.7 AL Troy, tallest tow. in AL
1022 WPAP 92.5 FL Panama City
1023 WAAC 92.9 GA Valdosta, "here at WAAC"
1027 WJIZ 96.3 GA Albany, ad for Central Ford
Inc. Merc. "I-75, exit 35, Cordele Ga., SBS
1100 WUFT 89.1 FL Gainesville, ID
1252 WXCL 103.7 FL Vero Beach, tone testing

cont..

5/29 Es
 1109 KYGO 98.5 CO Denver
 1122 KTKA 93.9 WY Riverton, ID
 1126 KRAI 93.7 CO Craig, ID
 1131 KSIIT 104.5 WY Rock Sp.,r, ID
 F/out 1139
 1757 WCLZ 98.9 ME Brunswick
 1800 WPOR 101.9 ME Portland, ads
 1803 CFQM 103.9 NB Montcon,k, ID
 1805 WYOU 97.1 ME Bangor
 1808 UNID 107.5 r, "Thunder 107"
 1810 WTLV 98.5 ME Waterville,r
 1833 KQRS 92.5 MN Golden Valley,rp
 1835 KOUR 95.3 IA Independence,r
 1839 WTMS 96.1 ME Presque Isle, ID
 1843 WSCG 93.5 NY Corinth,Country 93
 1846 WJJR 98.1 VT Rutland, ID
 1849 W??? 97.1 VT " ,lcl.ad
 1855 WHHX 99.3 ME Lincoln, HOT MIX
 1856 WHOU 100.1 ME Houlton,r, ID
 1856 K??? 92.1 IA Fort Dodge,lcl.ads
 1900 WYKR 101.3 NH Haverhill,k, ID
 1902 KDSJ 90.9 SD Pierpont,c, ID
 1906 WKXE 95.3 VT White River Junc,
 1907 KKRC 93.5 SD Sioux Falls
 1911 KL?Y 99.5 ??
 1915 WHCF 88.5 ME Bangor, ID
 1915 WOV 94.1 NE Omaha, ID
 1919 KESY 104.5 NE " , ID 106"
 1921 KEXL 106.7 NE Norfolk, Lite Hits
 1930 UNID 102.7 "KMX",r
 1935 KTRR 102.5 CO Loveland,"Tri-102"
 1951 KOSI 101.1 CO Denver, ID
 1952 KRXY 107.5 CO Lakewood
 2000 KJCO 100.9 CO Yuma, "KJ-Country"
 2007 KFUM 103.9 CO Oak Creek,rp, ID
 2011 unid 104.7 "The new K-SKY",r,mo
 2030 KHFM 96.3 NM Albuquerque, ID
 2037 KSEL 95.3 NM Portales
 2041 KLZK 98.3 TX Farwell
 2104 KIDI 103.3 NM Albuquerque,SS
 5/30 Es
 1110 KSTX 89.1 TX San Antonio,lcl.wx
 2200 KQIZ 93.1 TX Amarillo
 2201 MUF 107.1(Brief)
 5/31 Es
 0957 XHSR 97.3 NL Monterrey
 1007 XET 94.1 NL "
 1020 XHPJ 106.9 NL "
 1033 XHQC 93.5 CL Saltillo
 1336 KKWQ 92.5 MN Warroad,area ads
 1359 KBWS 102.9 SD Sisseton
 1404 KLQP 92.1 MN Madison,k, ID
 1412 KMXX 94.9 MN Litchfield,"The MIX"
 1417 KZZY 103.5 ND Devils Lake,nx
 1423 KQDS 94.9 MN Duluth, ID
 1859 KCGM 95.7 MT Scobey,ads, ID
 1901 CKOB 94.5 SK Regina, ID
 1903 KAUS 99.9 MN Austin,k, ID
 1906 KJAM 103.1 SD Madison,lcl.ads
 1911 KJJR 107.1 MN Hutchinson,lcl.ads
 1913 KCCQ 107.1 IA Ames, ID
 1914 KKW5 105.9 MN Wadena,k,ads
 1917 KRVR 106.7 IA Davenport, ID
 1923 KDFX 102.3 IA Dubuque, ID
 1933 KBBN 98.3 NE Broken Bow, ID
 1935 KCLD 104.7 MN St. Cloud,r, ID
 1941 KHAT 106.3 NE Lincoln, ID
 1946 WWJO 98.1 MN St. Cloud,"98 Country"
 1949 KZMX 96.7 SD Hot Springs,area ads
 1952 KFMO 101.9 NE Lincoln,lcl.wx

5/31 Es

1955 KTWB 101.9 SD Sioux Falls,k, ID
 1959 KVCK 101.5 SD Gregory,g, ID
 2003 KKPR 98.9 NE Kearney,"Power 99", ID
 2008 KELN 97.1 NE North Platte, ID
 2020 KSYZ 107.7 NE Grand Island,"Sunny 108"
 2022 KZEN 100.3 NE Central City,k,ads
 2032 KMTY 97.3 NE Aurora,area ads,"FM-97"
 2034 KUTT 99.3 NE Fairbury,lcl. ref
 2046 KEZH 101.5 NE Hastings,r,"Magic 101"
 2102 KQKY 105.9 NE Kearney,r, ID
 2105 KRNK 102.3 NE " ,k,nx, ID

6/1 Es

0930 KWBI 91.1 CO Morrison, ID
 0934 KKCS 101.9 CO CO.Springs
 0939 KNIC 105.7 CO Lamar, ID
 0940 KBPI 105.9 CO Denver
 0947 MUF 108.5 ,VOR
 0950 KZMC 105.3 NE McCook,ads
 0953 KRVT 107.9 CO Pueblo,wx, ID
 1001 KGRQ 107.1 CO " ,Q-107", ID
 1004 K232CH 94.3 CO Alamosa, KSPK(102.3)ID,k
 1007 KCLY 100.9 KS Clay Center, ID
 1015 KNDY 103.1 KS Maryville,k,mono, ID
 1017 UNID 97.7 Moberidge,SD ad,mono.
 1019 KICX 95.9 NE McCook,wx
 1022 KJCO 100.9 CO Yuma,"KJ-101",mono
 1024 K261CB 100.1 CO Buena Vista
 1026 KAWL 104.9 NE York,wx,Utica,"K105"
 1028 KLEN 106.3 WY Cheyenne, ID
 1030 KNAB 104.1 CO Burlington,wx, ID
 1031 KRFS 103.9 NE Superior, ID
 1034 KUTT 99.3 NE Fairbury,nx,"\$-99"
 1040 UNID 104.9 "K-SKY",op
 1058 KEZO 92.3 NE Omaha, ID
 1100 KTSB 93.9 IA Sioux Center
 1111 KLQP 92.1 MN Madison,ad
 1130 WFCR 88.5 MA Amherst
 1136 WHYH 93.1 MA Springfield
 1230 KWBI 91.1 CO Morrison
 1233 KDHT 92.5 CO Greeley
 1458 KKEZ 94.5 IA Fort Dodge
 1459 KPLO 94.5 SD Reliance
 1502 KEXL 106.7 NE Norfolk
 1506 KGRD 105.3 NE Orchard,g, ID
 1514 KSCR 93.5 MN Benson
 1525 KURO 92.1 SD Huron,"U-Rock-92"
 1527 KNEY 95.3 SD Pierre,"Classic 95"
 1532 KTWB 101.9 SD Sioux Falls,k,"102FM"
 1535 KDOG 96.7 MN North Mankato,wx,ads
 6/2 tr/Gw
 1832 WCSV 102.5 TN Crossville,k,\$,[New

Never before have I had 8 straight days FM Es! And MUF's have never been as steady that I can recall. On 5/26 all Mexico City FM's were blasting in, but could only ID 3 of them. The morning of 5/28 is the earliest Es ever for me with s/off of KDVL 102.5 at 0128. At that time the spotty MUF would rise high in the FM band for a few minutes time, then drop completely out and back again. This probably continued after 0128, but I was Es'ed out! 73 + good dx.

KEEP TUNED
 MORE REPORTS CONT.....

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

Equip.: Sears AN, FM,TV band radio

5/29 Es (EDT)

1928 KNIN 92.9 TX Wichita Falls

"Rockin' 92-9 KNIN"

2112 MUF 93.3 or 5

5/31 Es

1952 KNIN 92.9 TX Wichita Falls

1955 KLAK 97.5 OK Durant, "K-Lake"

2014 MUF 106.3

Hank Holbrook, 407 Arundel Rd., Fair Haven Cliffs, Dunkirk, MD 20754

(Dunkirk is our post office and is about 10 miles away! Fair Haven Cliffs, our community, overlooks the Herring & Chesapeake Bays about 15 miles below Annapolis, MD.)

RX-ANT (1) Pioneer SX-50 FM tuner(replacing the old Scott 310E from the 60's). Antenna is a Winegard CS-6065 used with a heavy duty Channel Master rotor. However, we're having trouble with the new system, apparently trouble with the booster or lead-in. Anyway we use to hear Philadelphia daily, and now I can't even hear it on a good trop opening(120 mi. away). Also this tuner is digital and has broad tuning and it's got to be modified for DXing. The Scott was modified and was sharp tuning. (2) Realistic DX-400. The whip is broken. I've got to replace it. Even with the busted whip it outpuls the SX-50!! (3) Toyota AN/FM auto radio. 10 days ago we purchased a new Toyota Corolla statio wagon and it like the old Toyota has a fine car radio. Was going to buy a Blaupunkt for the car but this set seems to be doing fine, so we'll save \$328.00! Parked in my driveway at time of reception. (Standard auto whip antenna)

5/20 tr (All Holbrook, MD)

0159 WRKE 101.7 DE Oceanview, ex-WOVU, 80

fairly good, oldies & ads, "101.7 KISS-FM,

write it down." RX-ANT (1)

5/29 Es (RX-ANT (3))

2057 KLTU 94.1 TX Dallas, g, ID 1350

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075

Equip.: Pioneer TX-9100 IF modified, Antennacraft GFM-10 up 15' and rotor

5/23 tr (new to air)

1945 KRZZ 96.3 KS Derby-Wichita, calls 115

(Interesting that another Wichita has the

calls KRBB.)

2000 KIVY 92.7 TX Crockett, ID 350

2246 KYKM 97.7 TX Winfield, k, \$ 260

2247 KDXE 95.9 TX Sulphur Springs 250

5/24 tr

2359 WSTZ 106.7 MS Vicksburg-Jackson, ID 445

5/25 tr

0026 KLLA 103.5 LA Tioga, "LA-103.5"

0100 KAJN 102.9 LA Crowley, ID 495

5/28 Es

1121 KQFC 97.9 ID Boise 1130

1137 KICE 100.7 OR Bend, k 1380

1154 KLZX 93.3 UT Salt Lake City, r, ad

"Rocking UT from the Salt Flats to the 905

Wasatch Z-93, great rock 'n roll".

1200 KWNA 92.7 NV Winnemucca, ID

1209 KRJC 95.3 NV Elco, ad, k

1221 KZDX 99.9 ID Burly 1000

1228 KIOK 94.9 WA Richland, "OK-95" 1340

1230 KPAH 92.7 NV Tonopah, ID

1232 KUNR 88.7 NV Reno 1280

1235 KXIQ 94.1 OR Bend, ads, "Q-94" 1380

1240 KEYW 98.3 WA Pasco, ad, "Key-98" 1350

1245 KBUL 98.1 NV Carson City, wx

1250 KWNZ 97.3 NV Carson City, ad

1255 KOMP 92.3 NV Las Vegas, ID, r 985

1305 KREW 96.7 WA Sunnyside

1305 KONA 105.3 WA Kennewick

1310 KARZ 106.1 CA Burney, "Cars 106"

1331 KATS 94.5 WA Yakima, ad, ID, r 1400

1332 KINA 91.9 WA Yakima, SS, Yakima ment.

1355 KXCA 107.9 CA Sacramento, ID 1320

5/29 Es

2050 KHKZ 93.5 OK Altus, ment. phone call from

VA, "...picking up the 93-5 signal..." "...All

Hit Radio KREZ"

2110 KYVI 104.7 TX Burkburnett, k, ID, "-104"

6/2 Es

2107 KNIN 92.9 TX Wichita Falls

2122 f/out

5/29 Es (RX-ANT (3))

2050 KQXY 94.1 TX Beaumont, pop mx, light, ID 1175

2000 WAFQ 90.3 FL Ft. Lauderdale, ID 895

2043 KHLT 94.1 AR Little Rock, K-Lite ID 920

(Opening on 94.1 caught a channel w/all these

stations mixing in and out along with QRM at

times from WYSP Philadelphia, PA.)

5/28 Es

1359 KRNO 106.9 NV Reno, ID 1280

1402 CFMQ 92.1 SK Regina 1375

1406 CFMM 99.1 SK Prince Albert, local news

feature on Prince Albert hospital 1500

1420 CHFM 95.9 AB Calgary

1422 CJAY 92.1 AB Calgary

1759 KZEE 93.5 UT St George

1801 KXTZ 94.1 NV Henderson, m

1805 KBBY 95.1 CA Ventura 1280

1811 KZLA 93.9 CA Los Angeles, ad 1220

1816 KXXZ 95.9 CA Barstow, "Kicks 96 FM"

1819 KHAY 100.7 CA Ventura, "K-hay", k

1825 KOST 103.5 CA Los Angeles 1220

1900 KZIQ 92.7 CA Ridgecrest, ID

5/29 Es

1833 WBNS 97.1 OH Columbus 820

1835 WPRR 100.1 PA Altoona

1841 WJIM 98.3 NY Bath

1843 WJMR 98.3 OH Fredericktown

1845 WAQX 95.7 NY Manlius, 95-X

2848 WHBC 94.1 OH Canton 920

1849 WBOZ 94.3 PA Saegertown

1858 WKSU 89.7 OH Kent 935

1859 WQED 89.3 PA Pittsburg 990

1909 WOVK 98.7 WV Wheeling, k 950

1921 WALI 90.3 MD Grantsville

1959 WRVL 88.3 VA Lynchburg

2002 WMMT 88.7 KY Whiteburg

2011 WQWZ 95.1 VA Charlottesville

WQAX? 93.9 ?? not known??

5/31 Es (MUF 107.9)

1914 WKEZ 94.1 VA Yorktown

1915 WHBC 94.1 OH Canton 920

1918 WTVR 98.1 VA Richmond, cont... 1100

SOUTHERN FM DX

5/31 Es	1100	Buntin, cont.
1940 WMBX 103.7 VA Richmond, ad, "B-107"		
1944 WFLO 95.7 VA Farmville		
1946 WSLQ 99.1 VA Roanoke, "Q-99", ad	970	
1953 WGH 97.3 VA Newport News		
1959 WMEJ 91.9 OH Proctorville, calls		
1959 WNSB 91.1 VA Norfolk		
2000 WLGN 98.3 OH Logan		
2005 WCOM 92.7 KY Catlettsburg, wx, calls		
2018 WSWO 102.3 OH Wilmington		
2024 WRRR 93.9 WV St. Mary's, wx, "93R"		
2029 WOSY 107.9 PA Pittsburg, k	990	
2032 CIMX 86.7 ON Windsor-Detroit, ID, "the Mix"	900	
2044 WTOP 98.1 OH Canton-Akron, ID, g	920	
2054 WAZU 102.9 OH Springfield-Dayton, ID	780	
2105 WMDH 102.5 IN New Castle, calls	700	
2105 WHIZ 102.5 OH Zanesville, ID	875	
2115 WIXX 101.1 WI Green Bay, calls, r	750	
2119 WJPD 92.3 MI Ishpeming, calls, nx		
2123 WUPY? 101.1 MI "on upper peninsula"		
2129 WYGO 107.9 WI Wausau, ads		
2137 WHWL 95.7 MI Marquette, calls		
6/1 Es		
1743 KWBK 92.1 OR Enterprise, calls		
1744 KIOK 94.9 WA Richland	1340	
1756 KATS 94.5 WA Yakima, "Cats", r	1400	
1859 KCLK 94.1 WA Clarkston, ID		
1903 KATW 101.5 ID Lewiston, "Cat FM", wx	1240	
1906 KUPT 99.1 ID Idaho Falls	950	
1916 KOMB 104.7 OR Baker, ad, k		

The kickoff of the Es season was nice while it lasted. And it started out coming from the West and Northwest, places that not come in as much as the East does. Alberta and Saskatchewan had only been heard from 2 or 3 times before. Before May was over with, the season was already better for both Es and tr over dismal 1989.

On the evening of May 15 an unusually vicious storm came barreling through here packing with it a deadly tornado. Winds blew 50 to 100 mph all over town and estimated at 160+ mph in the narrow path of the actual tornado. The tornado bearing cloud was halfway through town without creating too much havoc when it started dipping down on homes and businesses, rather erratically. At the 6 screen theater films were stopped and patrons urged to seek safety in the hallway. Not sustaining major damage, the theater was ready to reopen 3 nights later. The hardest hit apartment complex was soon abandoned and had a fence put up around it. It looked bombed out. In the vicinity, a subdivision was a scene of utter devastation. More than a dozen homes were unroofed and destroyed. The worst tragedy of the storm played out here. Not wanting to wait out the tornado threat in a mobile home, a little boy and his mom fled for better safety to a friend's home. They just managed to make it to the drive in a pickup when the tornado struck. The pickup got hit by a huge piece of roofing debris on the boy's side, killing him. The mother was not severely hurt. After the tornado passed the friend had to rush out the back door of his home to help them. The front entrance was blocked by debris. Regular power was out at all 3 local FM stations, but KSPI in living up to their call letters "Keep Stillwater People Informed" switched to auxiliary power and soon started a continuous track of damage reports. The sunny morning after revealed the extent of the damage for the first time. The sound of the coming and going of helicopters involving the military and TV media were constantly pounding the morning air. The Tulsa and OKC TV stations were out in full force with their vans and trucks containing equipment like satellite dishes with uplink and micros. The National Guard and police cordoned off entrances to the square mile area hardest hit. Once we had left the area, I and over 2000 others in this town of 30 something thousand were expected to go to city hall and pick up an orange pass before we could drive through the blocked off areas to get home. A portion of north Husband St., where Glenn Hauser lived years ago, was a mess, mostly from tree debris. Sightseers jammed the street since it was one of the few hard hit streets allowed to be open. Shortly before the tornado, I was talking with a DXer from KS who called when I started hearing the civil defense siren blaring & nearby thunder. I was already aware a severe storm was approaching and quickly got off the phone. Checking NOAA wx radio told of a tornado warning affecting Stillwater. I tried to tune in to what the amateur radio wx spotters were thinking when all of a sudden the electricity went off. (Sorry, to be continued next month...)

Buntin, cont.

6/1 Es	1300	JULY 1990
1919 KMHT 103.5 OR Pendleton, wx	1300	
1921 KGVV 96.7 MT Belgrade, calls, m, wx		
1933 KMSO 102.5 MT Missoula, "R.Missoula"	m1150	
1941 KEZE 105.7 WA Spokane, ad, calls	1310	
1942 KMBI 107.9 WA Spokane, g, calls		
1943 KHTR 104.3 WA Pullman, calls, ad		
1950 KMGR 107.5 UT Orem, ad, Magic 107		
1957 KJLF 92.7 MT Butte, calls, g	1060	
2000 KUFM 89.1 MT Missoula, ID	1150	
2011 KNAU 88.7 AZ Flagstaff		
2016 KQKQ 92.3 MT Ronan, ad, "KQ-92"		
2020 KCPX 98.7 UT Salt Lake City, r, calls	905	
2029 WQLM 92.9 FL Punta Gorda, m, calls		
2040 WUSA 100.7 FL Tampa, "W101", ad	1040	
2043 WSOR 90.9 FL Naples		
2045 WZZY 94.1 FL Lakeland		
2049 WYNF 94.9 FL Tampa	1040	
2055 WRBA 95.9 FL Springfield, calls		
2106 WKGR 98.7 FL Fort Pierce, "KGR"		
6/3 Es		
1930 WLRN 91.3 FL Miami, ID	1255	
1942 WINK 96.9 FL Ft. Myers, "Wink 97FM"	1130	
1945 WJQY 106.7 FL Ft. Lauderdale, "Joy 107"		
1954 WIVE 93.9 FL Miami Beach, ads, "Love 94"		
2005 WQEZ 99.3 FL Ft. Myers, calls		
2006 WAXY 105.9 FL Ft. Lauderdale, "Waxy FM"		
2011 WCVU 94.5 FL Naples, "refreshing sea view"		
2012 WNUM 94.3 FL Marathon, ID, m		
2016 WAYT 88.7 FL Ft. Myers, "Way FM"		
2024 WZTA 94.9 FL Miami Beach, "Zeta 94" cl. r		

NORTHERN FM-DX

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

JULY 1990

DEADLINE: The 1st

Log Cutoff for August column: May 1, 1990

Well, May started out slow for DX, but really picked up during the last week, with several very good openings. Hi Band TV skip was reported on 2 separate days, May 29th and May 31st. The skip reported by many has also been at unusually long distances. If you got in on any of this E-skip, or any other DX, let's hear from you today!....

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

EdNote: Mike mailed this report on time for last month but it did not reach me in time.

Equipment: see previous VUD's. @=1990 Toyota FM Stereo radio with stock antenna and whip, Realistic #12-1875 10db FM booster.

MARCH 1990

15 Tr

2221 KFAE 89.1 WA \$

2224 KFFM 107.3 WA \$

2258 KKPL 96.1 WA

30 MS

unID 14 sec burst on 96.3

classical, beam SSE (160 deg)

APRIL 1990

3 Es Noted 1253 to 66 Mhz briefly

10 Au

2110 CHFM 95.9 AB w/local ad

2119 CFFM1 99.7 BC, primary ID

11 Au

2340 CJFWT 103.1 BC, k, NNW

2359 CBXR 102.9 BC // CBU 690

"CBC British Columbia" ID

I wish I had better luck with M.S. In 15 yrs I have only IDed a few stations. No Es on FM yet - TV has only yielded CCI. On the 18th I may have missed the first part of the opening - 94.9 may be CKUA-FM AB? On the 10th CHFM may have been via Es, but nothing noted on TV other than severe AU noise, likewise FM. The pre-amp booster is rarely needed in the 4X4. It was on when KXYQ came it, but not in on the 15th. (Mike also kindly sent a logo for CTR 101.9. Thanks!-gc) 73's..Mike

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK 13041 (ELT)

Equipment: Receiver: Carver TX11A, modified with five 150 khz IF Filters. Antenna-One CM Sterep Probe 9 at 35' AGL - CAC11 75 ohm coax, homebrew tunable bandpass filter.

FEBRUARY 20, 1990 GW

2055 WKLL 94.9 NY Frankfort, classic rock (new) 54

MARCH 4 M.S.

2149 KLAZ 105.9 AR Little Rock, "KLAZ presents..."

unexpected burst 1043

APRIL 24 TROPO

2305 WGTY 107.7 PA Gettysburg, k, ID, no WRHP 235

2342 WFMZ 100.7 PA Allentown, b, ID, no WEZG 178

MAY 1 TROPO

1903 WEOZ 94.3 PA Seagertown, Top 40, ID

no QRM from WYYY. 227

APRIL 15-22: Vacation at West-Gate Villa Time Share in Kissimmee, FL. 21-22 bandscanned on Dodge Caravan Infinity FM rx. Most FM channels filled, including some as far away as Jacksonville (141), Sarasota (98), and Vero Beach (76). AM late night bandscan from Central FL was weird, with mostly Cubans and SS dominating the channels. Totals now up to 1475. On 2/15, my stacked Stereo Probe 9's antenna mast buckled in two places during the worst ice storm in memory. Locals WKFM/WFRG/WNYP/WRVO were knocked off, then the house power went off so I couldn't DX the vacant channels. Fortunately the antennas weren't damaged, just had to replace the mast. **FILTER MODIFICATION UPDATE:** *Thanks Bill Nienajadly and Bruce Elving for April VUD tips, on 4/24 I modified my Carver TX1a (replaced 5 filters) and backup Heathkit AJ-15 (2 filters) receivers with 150 khz Murata filters from Hosfelt Electronics. Selectivity greatly improved in both. On the Carver, channels adjacent to my locals cleared up, some splatter free for MS DX! Future projects may include building variable bandpass filters with state-of-the-art components to help eliminate overload, and installing 2 SP 9's side by side to sharpened directional characteristics. Can anyone recommend a good filter construction cookbook? I noticed a cable filter kit and an active filter kit in Hosfelt catalog

73-Fred

Bill Nienajadly 98 Highland Ave Clifton NJ 07011 Equipment Sony ST-J 60 tuner modified

April 1990

23 Gw/Trs
7 Locals off inc. 89.8, 101.9, 103.5
0130 Relogs:WIA 89.9, WMT 101.9, WLIF 101.9, WJIV 101.9
0145 WJFX 103.3 NY Buffalo WPRB on! "The Fox"---275
0206 WJMS 103.5 DC Washington ID ---207
0210 WSHQ 103.5 NY Cobbletskill 98.3 & 103.5 ShoFM-165

25 Tr
Morning: Boston 89.7, 102.5, 105.7 nothing more ---190

28 Trs
0902 WMBT 104.5 PA Wellsboro ID+"B-104"-----189
0925 WGOR 100.5 NY Rochester ID -----235
1733 WHOM 94.9 NH Mt Washington-----295

29 Trs
0942 WMOG 103.3 NY Vestal ID-----160

May 1990

1 Trs
2303 WRCZ 101.7 MA Pittsfield ID + "Z-101.7"-----170

6 MS
1053 KFMM 99.7 IA Muscatine "...Gates open at....
...(Fade)...thousands in cash, Theres a custom car
show & Miss Heartland Beutbey pagent too. Get your
tickets at all IOWA & ILLINOIS Ticket Master out-
lets Call 1-800-869-1414 A Heartland Thunderbird
Memorial Day weekend...." 16 sec burst! ---820

7 GW
0039 W244AS 96.7 NJ Oakhurst//Z-100, WJAZ off-----45

8 Trs
1944 WQMS 100.5 VA Norfolk ID-----307

13 Trs
1700 WSHH 99.7 PA Pittsburgh ID-----311
2045 WWCY 103.7 MD Havre De Grace ID, WMOG low pow-140

14 Tr
2000 WOLC 102.5 in all evening+Norfolk & Del Marva
2310 WRSF 105.7 NC Columbia

18 ES
1940 WBNK 92.1 MS Brookhaven B-92.1 cl ment+892-1080
1943 WQST 92.5 MS Forest local ments-----1050

20 Trs above average all day!!
0958 WSHH 99.7 Pittsburgh-----311
2236 WMR 102.9 NY Syracuse-----202
2254 WJYE 96.1 NY Buffalo-----275

23 ES MUF Ch 4 @ 1905

27 ES
0915 WCTQ 92.1 FL Venice ID-----1068
1430 MUF 88.1
2305 KKEG 92.1 AR Fayetteville ID-----1150
2316 KCTT 97.7 AR Yellowville ID-----1035
2326 RNTD 90.5 OK Broken Arrow ID-----1038
2345 RBZE 92.9 OK Tulsa ID-----1051
2348 WJQE 93.3 LA New Orleans ID-----1025

28 ES
0000 WQID 93.7 MS Biloxi ID-----1108
0005 WWRZ 95.7 LA New Orleans WMIK New Mix-----1025
0010 WKRZ 101.7 MS Collins ID-----1061
0020 KRCM 104.1 LA Hoama ID K-HOM-----1043
0022 WAKH 105.7 MS McComb ID-----1043
0024 KRCF 104.9 LA Abbeville ID-----1202

0030 ??? 99.7 Power 99 , not GA maybe MS? new
0033 KBIU 103.7 LA Lake Charles Bayou 104-----1283
0047 WJDD 101.3 MS Meridian Q-101.3-----1283
0101 KNTU 88.1 TX Denton ID Texas finally!-----1365
0111 KTLX 98.9 TX Carthage ID-----1255

28 Super Tropo
2230 Norfolk, Princess Anne, Salisbury MD all super
2300 Outstanding to Northeast!!!
2316 WOCB 94.9 MA Yarmouth ID w/talknet-----220
2330 WPTX 106.5 NY Albany ID super-----155
2335 WAAF 107.3 MA Worcester ID solid-----180
2340 WBF 105.7 MA Frammingham ID solid-----185
2342 WHOM 94.9 NH Mt Washington ID good!-----290
2350 WBO5 92.9 MA Brookline ID w/new age mx gd!185
2358 WJFD 97.3 MA New Bedford ethnic-----165

29 Super Tropo continues
0001 WRSR 96.1 MA Worcester ID solid-----180
0103 WROK 98.5 MA Boston ID long wanted-----190
0110 WBCN 104.1 MA Boston ID Ditto-----190
0112 WCRB 102.5 MA Waltham ID-----180
0115 WAOY 102.1 MA Springfield ID SOLID!-----125
0131 WFOR 88.5 MA Amherst super strong!-----165
0142 WOKQ 97.1 NH Dover ID wow! o/WALK!-----235
0145 WPLR 99.5 CT New Haven way over WAKZ
0149 WODS 103.3 MA Boston ID-----215
0248 WGGY 93.7 MA Lawrence ID yes over WLVH!!-190
0250 WORS 107.9 MA Boston cutting into WEBE!---190
0300 WOST 100.9 NY Woodstock strong-----100
29 ES OUTSTANDING!

1900 KVTT 91.7 TX Dallas ID-----1400
1903 KCBT 90.9 TX Dallas ID-----1400
1909 KITT 93.7 LA Shreveport ID-----1250
1911 KTRK 95.9 AR Eldorado Kix 96+1cl ment-----1100
1915 KOTY 94.1 TX Dallas ID new calls?-----1400
1919 KZPS 92.5 TX Dallas ID in over 1 Hr!-----1400
1923 (??) 97.3 FL Miami new calls 4 GTR-----1090
1925 KAEZ 95.3 TX Gilmer ID ment Longview too-1249
1929 WCVU 94.5 FL Naples ment SW FL+1cl area-----1100
1931 WLRN 91.3 FL Miami ID-----1090
1942 WJDD 95.7 FL Homestead SS ment Miami se-----1095
1946 WJZY 92.1 FL Labelle ID+Cozy 92-----
1957 WPCW 96.5 FL Miami ID Power-----1090
1959 WROK 96.1 FL Ft Myers ID-----1075
2000 KH 96.3 TX EL Paso ? or Bithville Ark ?
this was thru local WQXR!!! sounded
like KHLI HELP! have it on tape.

2022 KKBQ 92.9 TX Pasadena ID Q-93 1cl ment-----1330
2018 KTSR 92.1 TX College Station Star 92-----1410
2047 WYLD 98.5 LA New Orleans ID-----1025
2050 WJQE 93.3 LA New Orleans ID-----1025
2059 KVKI 96.5 LA Shreveport ID-----1250
2100 KRVS 88.7 LA Lafayette ID-----
2101 WJSM 88.5 MS Hattiesburg ID-----1075
2108 KLBQ 99.3 AR EL Dorado ment S.ARK+HEL Dorado!100
2114 KTLX 98.9 TX Car-Uage ID iux 99-----1255
2115 WGSZ 98.1 LA Baton Rouge 1cl ment+Z-98-----1210

Comments: WOW! 3 Days of Prime DX! This is May aint it
by the looks of things one would figure it was mid or
late June. May 29 goes down in my book as the best
skip I ever seen here in Clifton. That 29th tropo was
almost if not on par with the one I seen in 1983, in
fact it was better! Yes the season is here! If this
is just a small sample of whats ahead then I can't
wait!
Goodking! Bill1

JOHNEBELING - 9209 VINCENT AVENUE SO. - BLOOMINGTON, MINNESOTA 55431

JANUARY 8, 1990 TR
2024 QDDJ 95.5 ND Jamestown

JANUARY 23 TROPO
1900 KBPR 90.7 ND Brainerd

MARCH 26 AURORA
0059 WJCH 91.9 IL Joliet
That's it! All my Bloomington MN DX so far can easily fit on a post card! Regards. John Ebeling

MARCH 26 Aurora cont.

0100 KIOS 91.5 NE Omaha
0100 KGRC 92.9 MO Hannibal
0108 KMOD 97.5 OK Tulsa
MARCH 27 TROPO
2217 KZLT 104.3 MN East Grand Forks

Welcome New Reporter !!!

dBRUCE HALL c/o 141 KING ROAD - BRANTFORD, ONTARIO CANADA N3R 5K7

Equipment: Pioneer SX525 receiver, Pioneer SX550 receiver (as of 5/7/90), Magnum Dynalab ST2 Whip at 45' AGL
fed with RG59, Stereo Probe 9 fed with RG59 @ 50' AGL, whip now 55' (as of 4/11/90), new mast, A/B switch.
CM AMP 7363-16db, magnum dynalab. Signal sluth (as of 4/20/90), Pioneer SX550 modified with (1) 150 khz
filter as of May 12, 1990. AIWA WX220 tape deck.

APRIL 1990 DX
4 GW/Trs
2302 CIUT 89.5 ON Toronto, pr JS V/L(LOGO) following 80
2324 (CIMX)88.7 ON Windsor, f, "88.7 the right music mix" 253
0639 WCPN 90.3 OH Cleveland, jnS, traffic report sponsor 218
0700 CJRT 91.1 ON Toronto, c,j,S, ID 80
5 GW/Trs
0004 WFSE 88.9 PA Edinboro, r, AP Network News 145
0630 unID WGFC, NPR Washington (frequency? -gc) 218
0639 WCPN 90.3 OH Cleveland, jnS, traffic report sponsor 218
0700 CJRT 91.1 ON Toronto, c,j,S, ID 80
0705 CEMX1 96.3 ON Mississauga, cS, "1 celsius outside out
Lakeshore Studio; I'm Don Small" 69
0711 WKSE98.5 NY Niagara Falls, rS, "98.5 the #1 hit
music station; wx, ad, slogan 150
0713 WKLX 98.9 NY Rochester, rS, ad for WKLX time
machine at 8:40 AM on Classic Oldies 192

6 GW/Trs
2118 WWSE 93.3 NY Jamestown, rS, "scanning the universe
with 50 million microwatts", SE93,
DJ was Doctor Terry Lamar 192
2132 CKGL 96.7 ON Kitchener, kS, ID 35
2134 WGR 96.9 NY Buffalo, Tom Petty music (97 Rock) 115
2153 unID WNGW DJ Tim Michaels (approx frequency?-gc)
2213 CKNX 101.7 ON Wingham, nx, wx, ad for launch for New
Meaford. Frequency 104.9 as of 4/12/90
(I still hear them on 101.7. Have they delayed
the switch?-gc) 157
2221 WJFX 103.3 NY Buffalo, 103.3 the Fox 115
2223 WCCK 103.7 PA Erie, S, The all new K-Hits 104 115
2236 WHIT 104.1 NY Buffalo, rS, Oldies 104, good times
and great oldies jingle 115
2240 CHRE 105.7 ON St.Catherines, Nightcap Pete Walker 80
2248 WYRK106.5 NY Buffalo, kS, Restless Heart for Eden 115
2250 WBMW 107.7 NY Weathersfield, The Wave, mJS 170
2250 WCML 91.7 MI Alpena, CMU, ph# 800-999-5656
phoned to verify (Bruce, note calls/city-gc) 368
2312 WCVF 88.9 NY Fredonia, FM89,rS, ph 673-3428 115
7 GW
2316 CIBX 92.7 ON London, kS, BX-93 80

8 Tropo
0000 WZLE 104.9 OH Lorain, g (Bruce, note this is from Lorain-gc)
0721 WHOT 101.1 OH Youngstown, r, Hot FM 101, music.
by Gloria Estefan 230
0727 WDOX 102.1 OH Cleveland, m, traffic report Honda ad 218
0740 WQAL 104.1 OH Cleveland, b, Jewelry ad, wx 218
0755 WMIJ 105.7 OH Cleveland, r, Morning Zoo traffic 218
2157 WJET102.3 PA Erie, r, 10 most requested hits @ 2210 115
2212 unID WBAQ Top 10 at 10, Antenna Southwest
(Was this 101.9? If so, could be WVAQ Morgantown, WV-gc)

APRIL 8 Tropo continued
2259 CFMP 101.5 ON Peterborough, FM101, mj, ID 202
APRIL 25 Tropo (Hot and humid)
0620 unID 101.5 WPIZ? maybe WPTI (likely-gc) 80
0659 WCRE 103.3 OH Cleveland, gb, traffic nx, music,
Apple Tree discussion at 0707 218
0720 WJIM 97.5 MI E.Lansing, b, Christopher Cross mx 218
0737 WONE 97.5 OH Akron, r, The Home of Rock nRoll 258
1344 unid "weji" "Wish upon a fish" probe southwest (Bruce,
was this around 95.1? Could it be WAJI Fort Wayne?-gc)
1400 WDET101.9 MI Detroit, legal ID, jn 255
2132 WOED 89.3 PA Pittsburgh, c, subscription pledges 309
2157 unID Detroit 93.9, "WOR 94" nx, oldies, music by
Blood Sweat and Tears (Bruce, this is actually CKMR in
Windsor, whose slogan is MORE 94-gc)
2201 CKSY 95.1 ON Chatham, m, Cozy 95, DJ Jerry

26 Tropo (Hot, humid)
0617 WWSW 94.5 PA Pittsburgh, r, Morning Zoo, JWS 309
0750 WEZE 104.7 PA Pittsburgh, b, "EZ104, brand new"
Carpenters music (Bruce, note new call letters-gc) 309
0800 WDBA 107.3 PA DuBois, mg, USA Radio Network 258
0805 WHSB 107.7 MI Alpena, r, nx, spot on pet neutering 336
1905 WBCL 90.3 IN Fort Wayne, gc, furthest west DX 437
27 Hot Humid
0628 WKJC 104.7 MI Tawas City, k, wx, Alanna Myles mx 295
0650 unID 90.1 WUCX? (This is Bay City, Michigan-gc)
0659 unID WRKI (Frequency?-gc) 313
0659 WLOK 101.5 OH Toledo, b 350
0759 WKAR 90.5 MI E.Lansing, c, nx, wx, ID

28 Tropo (Hot, Humid)
0616 CIRV 88.7 ON Toronto, ethnic 80
0721 WPIG195.7 NY lean, ID, prior WOLN 200
29 Tropo (overcast)
0611 WCSB 89.3 OH Cleveland, p, ID 218
MAY 1990 DX
6 Tropo Scatter/Ground Wave
0657 WOED 89.3 PA Pittsburgh, c, 3m prestantaiton 309
0726 CHAY 93.1 ON Barrie, bS, wx 152
7 Trs (Pioneer SX550 now in use)
2212 WZAK 93.1 OH Cleveland, rs
2232 unID WKPJ antenna south
2235 unID FM98 WKBF probe Southwest
2355 WYQ 99.1 PA Ebensburg, rS, ID 315
8 Tropo
0755 WKDD 96.5 OH Akron, Top Banana's DJ 258
(Bruce, note calls are WKDD and freq is 96.5-gc)

MORE GREAT DX TO COME NEXT PAGE!

BRUCE HALL'S REPORT - continued

May 1990 DX
9 TrS
 Got up at 5 am to DX. Just getting set up in basement shack when I flicked on power switch on FM signal sleuth and everything went dead. I thought I had blown a fuse. Major local blackout due to transformer fire.
 1345 unid FM102 Bob Dylan "Knocking of Heaven's Door"
 1349 unid "Z Rock concert series" phone caller from Seattle requested Aerosmith (frequency-gc)
 0022 WWWW 106.7 MI Detroit, W4W, ad, wx 255
 0022 WQXA 105.1 PA York, "It's time to say goodnight to everybody over in PA, WV and Jersey tonight" (Bruce, this station is on 105.2. Is it possible you heard WQXX 105.1 from Salem, Ohio instead?-gc)
 2015 WMCE 88.5 PA Erie, "the voice of Mercyhurst C." 115
 2054 WZOU 94.5 MA Boston, "WZOU Boston's 10 in a row" Z-94, new DX record (Bruce, I suspect this was a "meteor" burst. Was it in for only a very short time, say a few seconds? Was the signal choppy as well?-gc) 713
9 TrS
 2143 WBLK 93.7 NY Depew, sg\$, took phone caller 130
 2235 WDCX 99.5 NY Buffalo, "Buffalo's Primere Christian Radio Station is the One to Turn to" 115
11 TrS CM Stereo Probe now in use. 50' AGL. ST2 whip 55'
 2129 WQLN 91.3 PA Erie, jc\$, "FM Erie 91.3 on your dial" 115
 2146 WKRT 100.9 PA North East, r\$, Rocket 101, "the radio station that sends blood to parts of your body that blood has never been before. Rocket 101, the Rock of Erie"
 2251 WBZZ 93.7 PA Pittsburgh, r, B94 ad for morning show 309
12 TrS
 0030 WGPR 107.5 MI Detroit, DJ talking to caller 255
 0702 WJYE 96.1 NY Buffalo, m\$, JOY 96 ID 115
 0712 WCOA 96.5 NY Fredonia, S, calls 115
 1330 WQMC 104.3 MI Detroit, m, Bob Dylan mx 255
 2355 WNEA 88.3 MI Port Huron, ad, g (Note Calls-gc) 180
13 TrS
 0001 CKOT 101.3 ON Tilsonburg, m\$, Stereo 101 50
 0008 unID WKBM Beach Boys mx (frequency?-gc)
 0655 WLTI 93.1 MI Detroit, Lite FM, ID, TC, music by Lennie Welsh "Since I Fell for You", ad 255
 0658 CKMR 93.9 ON Winsdor, TC, More 94 FM (Bruce, note that this is CKMR Winsdor, not "WOR Detroit", and that the slogan heard was More 94 not Wor 94-gc) 255
 0706 WQMX 94.9 OH Medina, m, Phil Collins, ad for Jay Leno tickets. 160
 0716 WREQ 97.1 OH Ashtabula, b, new FM 97, weather given by time earl of ch 35 (WSEE-TV Erie-gc) 160
 0724 WXTA 97.9 PA Edinboro, k, new Country 98 145
 0731 WNCX 98.5 OH Cleveland, r, Classic Rock, ID, TC 218
 0749 WKRC 99.9 PA Erie, m\$, Classy 100 FM 115
CM 7363 amp added
 2022 WBUF 92.9 NY Buffalo, m\$, Best mix of favorites from 60s, 70s and today, FM93 WBUF" 115
 2030 CKDS 95.3 ON Hamilton, m, lite rock, ID 40
 2048 WKYN 97.5 PA Saint Marys (Bruce, note the correct frequency and city-gc), Kid Cooper DJ, Debbie Gibson mx 185
 2050 WKBN 98.9 OH Youngstown, FM99, Elvis mx 230
 2056 WFERA 99.3 PA Franklin, "The New Mix specially designed so you can listen at work" (Note this is Franklin, Pa. -gc) 170
 2107 WZPR 100.3 PA Meadville, k, tc, George Strait mx 170
 2125 WCLV 104.9 PA Erie, ID (Bruce, what you heard was the translator for WCLV 95.5 Cleveland that operates on 104.9 serving Erie. Calls can be found in the translator section of the FM Atlas. Nice Catch!-gc) 115
 2200 WWKS 106.7 PA Beaver Falls, m, LiteRock (BumRock?) KISS 107 267
14 Tr
 0648 WERG 89.9 PA Erie, FM 90, ID (Freq is 89.9-gc) 115

May 1990 DX
15 TrS
 2356 WHUG 101.7 NY Jamestown, k, In Chautauqua Cnty 150
 2359 CHIN 100.7 ON Toronto, e, Multicultural radio where the good shows get together." 80
16 TrS
 0007 WVOR 100.5 NY Rochester, mr, ID 192
 0008 CFNC 103.9 ON Oshweken, k,r, Skyman DJ, CCR mx, power is 10 watts 25
 0636 WLTE 106.5 OH Cleveland, r, 1-800-829-1065 218
 0637 WDON 104.9 OH Geneva, m, Northern Lite wx 161
 2206 CIXX 106.9 ON London, r, 6X, tc, nx, flute mx 80
 2216 CIQM 103.1 ON London, mr, Jennifer Barnes mx 80
 2241 WBT101.7 NY Attica, m 175
17 TrS
 0106 WPIT 101.5 PA Pittsburgh, FM101, wx, Greg McAtee 309
18 TrS
 0654 WVCC 101.7 PA Linesville, calls and ID but no frequency (it is 101.7-gc) 175
 0659 WNEE 99.3 PA Erie, the new mix (Are you sure this was not WFRM in Franklin again? There is no such station as WNEE Erie-gc) 115
 2139 WJOT 104.7 OH Toledo, rp, "for 17 years" 313
 2210 WLLZ 98.7 MI Detroit, rp, "Detroit Wheels" 255
 2242 WCSX 94.7 MI Birmingham, r, weather, Detroit's only Classic Rock 279
19 Tr
 0633 WPCX 106.9 NY Auburn, k, George Strait mx 313
22 Tr (Fog)
 0025 WQXX 105.1 OH Salem, K105 "9 in a Row" (Bruce, note this is from Salem, Oh, not Philadelphia-gc) 80
 0114 CJEZ 97.3 ON Toronto, b\$, ID 281
 0155 WDIQ 92.5 OH Alliance, r, Q92 FM 230
 0600 WYSU 88.5 OH Youngstown, c, s/on, NPR 255
 0621 unID Detroit "The New K-95" (Bruce, this is 95.5 WKQI, The New Q95 Detroit-gc) 255
 0658 WNIC 100.3 MI Dearborn, sr, the best music mix 255
 0711 WRIF 101.1 MI Detroit, rp, ID 218
 0714 WMM5 100.7 OH Cleveland, r, Doors special 218
 0811 WNWV 107.3 OH Elyria, mj, "Musical Star-Streams for the north coast" 253
 1014 CKOT 101.3 ON Oshawa, b (Bruce, this station is from Tilsonburg, and was logged by you earlier-gc) 148
 1041 WIYQ 99.1 PA Ebensburg, r, Good Time Rock and Roll 315
 (Bruce, this is a relog for you-gc)
 1153 WIDL 104.9 MI Caro, m, fog now gone (Clear) 258
 2000 WAMQ 105.9 PA Pittsburgh, rs, Hot 106 309
 2046 unID 104.7 EZ 104.7 (This is WEZE Pittsburgh-gc) 309
23 TrS Restless night's sleep knowing sleuth hooked up and I might be missing good DX while sleeping
 0422 WBFQ 88.7 NY Buffalo, jc, NPR 115
 0455 WRKU 95.1 PA Grove City, The Wolk, ad (Note that this is not Youngstown-gc) 230
 0542 unID WQSK K Country K105 (WQXX Salem, Ohio-gc) 355
 0630 WFMK 99.1 MI E.Lansing, Lite Rock 99 355
 0654 unID WCLV "the new Q-95" (Bruce, what you heard was two stations, WCLV Cleveland and WKQI Detroit-gc) 258
 0657 unID 98.7 WCIX everyday a no repeat day, probe NW 218
23 TrS
 0600 WDUQ 90.5 PA Pittsburgh, jc, NPR, TV review 309
 0601 WCYJ 90.9 OH Jefferson, gospel 161
 0626 unID K94, request for phone callers, probe south 170
 0634 WBOZ 94.3 PA Seagertown, ad for Crawford car care 170
 0650 WKYN 97.5 PA St.Marys, 97KYN (Bruce, you heard this one earlier-gc) 258
 0719 WGAR 99.5 OH Cleveland, k, Northern Ohio ad 218
12 (1) Ceramin filter in place now. Left 1 filter stock as per phone conversation with T.K. McVey. Thanks. Thanks too for Bill Nienajadly's reports on merits of old analog Pioneers

BRUCE HALL'S REPORT continues.

May 1990 DX
12 GW (I think these are out of order-gc)
 0702 CKWR 98.7 ON Kitchener, pr, 1450 watts 35
14 Tr (Clear Skies)
 0628 WOMX PA DuBois, r, ID Frequency? (There is no such station. Perhaps it was WQMX Medina, Oh?-gc)
 0803 WOWO 102.1 PA DuBois, Q102, jr, thru CFNY, ID 258
 0809 WVOR 100.5 NY Rochester, mr, ID, WVOR 100 192
 1342 WRJS 98.5 PA Oil City, k, mx Billy Swan "I Can Help" 201
15 Tr (Hazy)
 0705 WRVO 89.9 NY Oswego, nj, FM90, NPR and UPI 339
 0714 WMMH 89.3 NY Webster, 315-469-5051, request line affiliate of WMHR 102.9 Syracuse 345
 0744 CFMU 103.9 ON Hamilton, pr, j, 50 watter, music by Laughing Hyennas 40
 0800 CEFB 95.7 ON Barrie, r, Rock 95, ID, nx 152
19 TrS (cloudy)
 0608 CBCL 93.5 ON London, tm, CBC, poem about Europe 80
 0621 CHTZ 97.7 ON St.Catherines, r, \$, 97.7 Hits FM 80
 0634 CIBC 99.3 ON London, tm, French station 80
 0641 CKFM 99.9 ON Toronto, r\$, ID 80
 David Bruce Hall is a 42 year old who was so close to enrolling into Ryerson Toronto to major in a radio career but chose a career in sales instead. I wonder "what if"?!...First DX experience was listening to WABC "Cousin Brucie" NYC on a regular basis in the 60's. Sending away for the FM Atlas led me to W.T.F.D.A and after 6 issues of VHF-UHF Digest and 6 weeks of twisting the dials decided to report in...Please excuse my missing frequencies due to inaccurate analog dial, lengthy report due to many locals to log and many unIDs. Well, what would you expect from a rookie? Please also excuse lack of propagation info due to inexperience...My location is just downstream from the centre of town beside the river valley; maybe not the best location for FM DX...Thanks for great articles on ceramic filters which have made my old SX550 Pioneer a lot sharper. Thanks again T.K. McVey for filters and advice and also Jeff Falconer for his letter on equipment. Plan to attend WTFDA Convention '90. Hope to gain some expertise there. (Bruce, Welcome to WTFDA and Northern FM DX. Do not worry, as you go on the different DX propagation modes will become much easier for you to discern. There are some nice catches made here, hope to hear from you again!-gc) 73, dB

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO NOM 110

Equipment: Magnum Dyalab FT101A, Stereo Probe 9 at 27' with rotor, RG-11U.
MARCH 1990
14 TrS
 0200 WAJC 104.5 IN Indianapolis, ID as "Public Radio for Indianapolis", Night Music pgm, r\$ 353
17 MS
 1434 KECO 96.5 OK Elk City, "...KECO Wants..." over WKDD 1132
31 MS
 0201 WMGQ 98.3 NJ New Brunswick, "...WMGQ..." State #36 Heard. 422
APRIL 1990
2 MS
 0233 KMYZ t 104.5 OK Pryor, "...on Z-104.5..." 919
 0258 WFYV, 104.5 FL Atlantic Beach, "...FYV, Jackson...", previously by Es 928
5 MS
 0236 KEYN 103.7 KS Wichita, ID 928
6 TrS
 1524 WSHW 99.7 IN Frankfort, in briefly with ad for furniture store in Flora. 343
 1538 WKSD 99.7 OH Paulding, r\$, Kiss 99.7 231
7 TrS
 1842 WIYQ 99.1 PA Ebensburg, r\$, ID: "serving all Cent. & West PA, 'TYQ' 99-1 FM" 261
8 MS
 0302 KESY t 104.5 NE Omaha, "...in Omaha..." 298
8 TrS
 1529 WOUB 91.3 OH Athens, \$ bluegrass program // WOUB 89.1 which was also in good 298
 1600 WDPB 89.5 OH Dayton, weak .ID, w/WMSU 304

May 1990 Dx
21 TrS (overcast)
 0630 WKSU 89.7 OH Kent, cj, NPR Morning Edition, ID 243
 0732 WACZ 93.9 NY Danville, Z-94, nx, Karen Turner 195
 1322 CFNC 103.9 ON Oshweken, (mono still) Ojibway native mx by the "7th Fire badn called Hi-Tech TeePee Trauma Mama". Still only 10 watts changin to 50 watts in June. Approx 50 foot tower. Visited studio and spoke to DJ Skyman at 14:30. No logo as of yet. 25
22 Tr (Cool clear)
 0539 WNWV 107.3 OH Elyria, Wave, mono reception, ID 253
 0558 WCTL 106.3 PA Union City, g, Stereo 106 Plus 155
 0620 WGOJ 105.5 OH Conneaut, g, ID, mono reception 158
 0752 WBRB 100.1 PA Bradford, Coal 100 250
23 E-Skip
 0600 WQPS 88.9 FL Fort Pierce, Classic 89, ID on hour followed by short musical piece. NPR, c, nt, spoke to Jill Roberts nxcaster, QSL, V/L to follow

KCHLA-99 FM

9 TrS
 0239 (WAMX) 107.1 MI Ann Arbor, m\$, The New Mix 107, ex WPAG. WSAQ off. 120
11 Tr
 0649 WSTD 96.9 MI Standish, r\$, ID, was one of my most wanted. 122
 0709 KPEZ 99.1 MN Mankato, good with local news and wx rpt. Hard to tell if this was Ty or Au, was weak, but 100% readable and fuzzy like Au. Logging #900 (Jeff, I heard that there was some very readable Au that night. Of course, I missed it, hi-gc) 644
 0739 WDOR 93.9 WI Sturgeon Bay, \$, o/CKMR 298
 0745 WDUZ 98.5 WI Green Bay, poor w/WUPS 323
12 Au
 0200 WFPK 91.9 KY Louisville, weak w/ID 429
 0310 CKMF 94.3 PQ Montreal, disco mx, FF 408
12 TrS
 0648 WRQK 106.9 OH Canton, r\$, Rock 107 186
 0925 CBON1Z 95.1 ON North Bay, FF // CBON 98.1, mono 197
22 Tr
 0043 CJAM 91.5 ON Winsdor, rp\$, excellent for being 29 watts 120
 0232 WXKE 103.9 IN Ft.Wayne, r\$, "Rock 104" 256
 0355 WNEY 93.5 MI Newberry, very weak, ID, CBCL off the air. 300

That's all from here, no DX since April 22. Only one brief Es opening here, May 20 around 2000 ELT. More when/ if it happens.. "Where's the skip..." Jeff

ROBERT S. ROSS - BOX 1003 STN B - LONDON, ONTARIO UE3 JFC

Equipment: Marante 2226B Receiver, FM Beam for antenna

MAY 27, 1990 E-Skip

1755 **KIYL** 93.1 TH Tyler, East Texas Miracle Network, ad for Business in Tyler
1800 **KERR** 90.1 TH Dallas, legal ID w/Ft.Worth
1806 **KLUU** 98.7 TH Dallas, ad for Dallas Credit Union, "Oldies all the Time on K-Love"
1st FM E-Skip of the season, 2 new stations.

MAY 27 E-skip continued

1810 **KLAK** 97.5 OK Durant, ads for Texas and Oklahoma. ID as K-Leke FM
1822 **KLDE** 94.5 TH Houston, Oldies 94.5, spot for USA Radio News

ERNEST COOPER - 5 ANTHONY STREET - PROVINCETOWN, MASSACHUSETTS 02567

Equipment: Realistic STA-52 with McIntosh MR78 tuner and 9 element rotary beam rooftop.

DECEMBER 1989

15 Es

1615 **WOKC** 103.1 FL Okeechobee, and
WSGL 103.1 FL Naples, ads and stock reports, these two in/out with one another. This seemed to be the only frequency affected.

MAY 1990 DX

10 GW

1644 **WZPK** 103.7 NH Berlin, r

20 GW

0230 **WNNH** 99.1 NH Hennicker, ro (Rock oldies) (Local WPLM is off Sun AMs)

27 ES

1843 **WKPY** 88.5 FL Sunrise, ads, phone numbers
1858-1902+ unID 89.3 ended one classical piece gave time in CDT, introduced another classical piece, no mention of call or location.
2100 **WLVE** 89.1 AL Montgomery, GOS
2135 **WEIT** 89.5 FL Melbourne, ment. Sebastian Beach
2159 **KDCR** 88.5 IA Sioux Center, g
2155 **KGNZ** 88.1 TX Abilene, g, only 2nd Texan heard
My thanks to JOE FELA for alerting me to these E-skip openings!

PETER Q. GEORGE (N1GGP) - 24 COLUMBIA ST. APT 1-F - BROCKTON, MASS. 02401

(508) 584-0374. Equipment: Sony STR-VX750, modified with 180 khz filters, antenna: 1948 vintage single bay "hale" FM transmitting antenna originally part of a six bay horizontally polarized array at WBET-FM Brockton, Ma. (now WCAV) now retired to the roof of my home @ 60' AGL, fed with RG-8/U coax into a Channel Master model 7363 all band TV/FM amplifier.

APRIL 19 TrS (WPLM 99.1 off air)

0105 **WAWZ** 99.1 \$ NJ Zarepath, "Holy-Rollin'" religion
0107 **WPLR** 99.1 \$ CT New Haven "99 Rock"
0114 **WNNH** 99.1 \$ NH Hennicker, Oldies 99, just like WODS Boston

APRIL 26 (WBOS 92.9 and WZOU 94.5 BOTH OFF DUE TO LIGHTNING!!!!)

2127 **WMVY** 92.7 \$ MA Martha's Vineyard, "Solid Gold Saturday Night"

2133 **WPBC** 92.9 \$ ME Bangor, Bright 93, AC/Unistar
2137 **WCHR** 94.5 NJ Trenton, religion in mono
2138 **WKSQ** 94.5 \$ ME Ellsworth, ad for local college
2144 **WMAS** 94.7 \$ MA Springfield, Sat. Night oldies
2145 **WBOS** and **WZOU** back on air....RATS!!!

APRIL 27 E-SKIP

1844 **WMJJ** 96.5 \$ AL Birmingham, Magic 96, AC/Oldies
1851 **WMYU** 102.1 \$ TN Sevierville, "Eastern Tennessee's U-102, country"
1859 **WUAL** 91.5 \$ AL Tuscaloosa, NPR, Car-talk, legal ID // **WQPR** 88.7
2034 **WHTQ** 96.5 \$ FL Orlando, Z-Rock
2045 **WPOW** 96.5 \$ FL Miami, Power 96, Urban
2143 **WRMB** 89.3 \$ FL Boynton Beach, Gospel Mx 67 khz U SCA

STATION UPDATE: WACZ 93.9 Dansville, NY is on the air, in MONO with a/c days simul with AM, and Z-94 ID, and talk at night. Should be a good E-skip target, so stay tuned!

PETER GEORGE'S comments.

Not bad for just a few days DXing. This was the first opportunity to really try out my DX facility. Some really strong Es paths to the South. I am very pleased with the results after using 180 khz filters. In addition, I have modified a 1976 vintage Philco Stereo receiver for my first car (Alas, my first Maverick, I knew it well) and have a super selective car radio now. I will be at the Manassas Convention in August. After the convention, I will be heading on to Louisville, Chicago, and Detroit and hope to get some good airchecks along the way. I look forward to seeing all my DX buddies and sharing many good memories to be made. 73's till next time!!!! Pete

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Pioneer TX-9100 tuner modified with 4 150 khz filters, Nikko NR-575 receiver/amplifier, Stereo Probe 9 at approx 25' AGL, CAC-11 coax, and Archerrotor used as well.

MAY 1990 (Radio now modified)

7 TrS

2220 **WQRT** 98.3 NY Salamanca, k, WKSE splash
2252 **WMZQ** 98.7 DC Washington, k, local ads

8 TrS

0723 **WONE** 97.5 OH Akron, rp\$, much wanted
0750(WMXXD) 92.3 MI Detroit, Mix, ex: WVAE/WNTM
1643 **WSHQ** 103.5 NY Cobleskill, rm, Show FM also mentioned 98.3 FM.

1825 **WACZ** 93.9 NY Danville, new semi-local, simul // **WDNY-AM**, rm MONO days, talk nights, Z-94

1947 **WBSB** 104.3 MD Baltimore, r\$, B-104

1957 **WGGG** 99.7 OH Columbus, op\$, Magic, the above two would be impossible without the filters
2317 **WVIN** 98.3 NY Bath, r, call letters

9 M.S.

1443 **KMZU** 101.1 MO Chillicothe, "...In Chillicothe 58."

9 TrS

2254 **CBCE** 97.5 ON Little Current, CBC // 98.7

10 TrS

1020 **WFMK** 99.1 MI E.Lansing, local ads

11 TrS

1945 **WAVT** 101.9 PA Pottsville, r\$, T-102

2023 **WRSR** 104.9 NY Johnstown, local ments

14 M.S.

1257 **WNUA** 95.5 IL Chicago, "...WNUA." (I)

17 E-skip!

1040 **KVRP** 95.5 TX Haskell, k\$, jingle

1050 **KNFM** 92.3 TX Midland, k\$, calls

1054 **KILC** 99.7 TX Tye, rm\$, Roxette song

1100 **KQLI** 94.3 OK Lawton, rm\$ Q-94

1102 **KRZK** 93.5 OK Altus, r\$, local ments

22 TrS (local WHTT 104.1 off air !!)

1713 **WPAY** 104.1 OH Portsmouth, Reds BB net

in extra innings #1000 FM STATION LOGGED

1718 **CKTF** 104.1 PQ Gatineau, French r\$

1722 **WQAL** 104.1 OH Cleveland, traffic report,

calls & freq, has switched to a/c from ez listening

1723 **WVGR** 104.1 MI Grand Rapids, in very briefly,

very weak parallel to WUOM 91.7 Ann Arbor

27 E-Skip

1540-2045

KJZY 99.1 TX Denton, Jazzy, new age/jazz mx (\$)

KSJT 107.5 TX San Angelo, Spanish,

KHRN 94.3 TX Hearne

KUEZ 99.3 TX Luftkin, rm\$

KFOX 102.7 TX Merkel, top 40

KOYN 93.9 TX Paris

KQIZ 93.1 TX Amarillo, Z-93

KADA 96.7 OK Ada, Magic 96.7

KAVI 106.9 OK Muskogee, K107, top 40

KLOR 99.3 OK Ponca City

KKSC 96.3 TX Dallas-Ft. Worth, k\$

KFEF 104.9 KS Emporis, The Fox

KAMO 94.3 AR Rogers, K-Mo 94 and K-Mo 1390

KOGA 99.7 NE Ogalalla

KELN 97.1 NE North Platte

MAY 27 Es continues!

KMKK 93.9 SD Rapid City Magic 93.9

KGKG 94.3 SD Brookings,

KEEZ 99.1 MN Mankato, Z-99, top 40

2333 **KTRS** 95.5 WY Casper, r\$, calls

2341 **KTRZ** 93.1 WY Rverton, r\$, calls, local ads

28 E-Skip

0007 **KDLY** 97.5 WY Lander, rm\$, about 1450 miles

0016 **WDEC** 94.3 GA Americus, k\$, calls

0026 **WMTQ** 93.5 FL Port St. Joe, calls, r\$, this

is new to the air

0030 **WRBA** 95.9 FL Springfield, r\$, Bay 96

0040 **WZZT** 101.1 AL Elba, k\$, strong at times,

especially for 640 watts, call letters heard

0041 **WAGH** 98.3 AL Ft. Mitchell, s\$, Magic 98.3

First E-skip ever on this tough frequency.

0043 **WKMX** 106.7 AL Enterprise, r\$, Max 106.7 KMX

28 TrS

1555 **WBNS** 97.1 OH Columbus, calls o/WREO

29 Double-Hop or Ionospheric Ducting (?)

1905 **XHUA** 90.1 CH Chihuahua, L\$, Ad in Spanish for

a hotel, and "Estereo Vida". I will do more

research to confirm this logging. Interesting

article by the way by Joop Prosser about this.

His theories were very interesting and made sense

1917 **WQCC** 92.7 LA Clinton, k\$, calls

1918 **WTVX** 94.7 MS Jackson, now oldies

1920 **KNIN** 92.9 TX Wichita Falls, r\$, over WBUF!

1926 **KDDQ** 96.7 OK Comanche, rm\$, off bird

1928 **KIXY** 94.7 TX San Angelo, r\$, Kicksie

1929 **KORQ** 100.7 TX Abilene, over local CHIN

1930 **KMAG** 99.1 AR Fort Smith, k\$

1932 **KLAK** 97.5 OK Durant, rm\$ Bonnie Raitt tune

1934 **WEZB** 97.1 LA New Orleans, r\$, B-97

1940 **KYXS** 95.9 TX Mineral Wells, k\$,

1943 unID 104.7, "Y-104"

2007 **KSJT** 107.5 TX San Angelo, tornado warning, SS

2011 **KGKL** 97.5 TX San Angelo, call, k\$, "Hi Big Lake"

2018 K--- 97.9 TX Dallas, now mr\$, Warm 97.9

2025 **KBAU** 94.3 LA Galliano, r\$, Bayou 94

2043 **KELI** 98.7 TX San Angelo, severe wx, Kelly, bm\$

also an unID 94.3 with Spanish

The last week of May was the best skip week I have ever

seen. May 31st was great, at 7:22PM ELT I had skip on

channel 9 !! (Details to Bill N.). Unfortunately due to

space constraints that will have to wait till next month.

June 2 was also an excellent skip day, but since then

things have really slowed down. Thankyou Bill Nienajady

for modifying my Pioneer for me, results are excellent.

Doesn't seem to be much sensitivity loss, except strangely

enough, above 105.7 MHz where a loss is obvious. But

the adjacent channels are amazing. A few are still bad

but most have cleared up (99.7, 104.3, 94.3, 101.9 to

name a few). Does anyone out there have opinions as to

the merits of FM amplifiers, whether they are worth it?

Would like to hear comments about this topic.

WESTERN TV-DX

Fred McCormack
Box 9077
Prairiewood Station
Fargo, ND 58106-9077

Deadline: 08-09-90
Cut-off: 05-01-90

July 1990

The E skip season really got going at the end of May and then, at least here in Fargo, dropped off dramatically in June. The hottest period for most reporters was May 27th and 28th when E skip continued virtually around the clock.

There are also some excellent tropo loggings reported this month. The most extraordinary, without doubt, was Pat Dyer's 1000 mile tropo logging of low band WSAV-3 on April 30th.

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

CH Chihuahua CU Coahuila NL Nuevo Leon SI Sinaloa TA Tamaulipas

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216

CDT

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 80's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

March 1990

20 gw 2145 WJJA 49 WI
(Home Shp. Club)
28 tr 0513 WADL 38 MI
(Home Shp. Club)
31 tr 1753 CBFLT23 16 ON

April 1990

4 tr AM KY, IN, OH UHF's

May 1990

12 gw 2245 W40AK 40 MI 115
(Muskegon LPTV-GHA)
14 Es 2155 KTWOT 2 WY
KCWCt 4 WY
17 Es 1100 KTBS 3 LA 910
unids chs 2 & 4
unid educ ch 3
1220 KCWC 4 WY
KOTAt 3 SD
1225 KTVxt 4 UT
20 Es 1930 unids chs 3,4 sw
22 gw 1953 W40AK 40 MI 115
(See Note # 1)
23 Es 1800 WCBD 2 SC 916
WCIV 4 SC 916
1805 WBTvt 3 NC
27 Es 1245 unid ch 2 sw
KATC 3 LA 1026
unid channel 4
1348 KDFwt 4 TX
1351 KXASt 5 TX
1440 KMOLt 4 TX
KENSt 5 TX
1730 unid ch 2- PBS
1750 WTVYt 4(FL)
2220 KBTX 3 TX 1079
KPRC 2 TX 1117
2228 KTBS 3 LA 910

27 Es 2239 KFDX 3 TX 945
2245 KXAS 5 TX 972
2318 KREG 3 CO
2328 KCWC 4 WY
2330 KOTA 3 SD 776
KIDK 3(WA)1214
2332 KDUH 4 NE 767
2333 KTWOT 2 WY
KIVVt 5 SD
KGWLT 5 WY
2347 KRMAt 6 CO
KGWnt 5 WY
2354 KTVX 4 UT 1264
28 Es 0004 KSL t 5 UT
0030-0445 went to bed
0445 KNBC 4 CA 1780
(State # 44)
KGWL 5 WY
(See Note # 2)
0456 @KTVX 4 UT 1264
0457 @KCNC 4 CO 952
0511 @KCCZ 4 UT 1398
0555 @KIDK 3(WA)1214
0859 KCWC 4 WY
0955 CFRN 3 AB 1320
CFCN 4 AB 1310
KENWt 3 NM
1128 KRTV 3 MT 1157
1129 KXLF 4 MT 1219
1140 KTYM 6 MT 1219
1145 KFBb 5 MT 1157
1200 KOUS 4 MT
1445 CHAT 6 AB 1154
1530 CFQC1 3 SK
1548 CITL 4 SK 1175
1608 CBKFT2 3 SK
1655 KPRCt 2 TX
KTBS 3 LA 910
1700 KBTX 3 TX 1079

28 Es 1700 KJACT 4 TX
1720 KJRht 2 OK
1755 KOETT 3 OK
1804 KIII 3 TX 1295
1829 KENW 3 NM 1103
31 Es 1200 unid ch 2+ south
unid ch 3- south
1300 unid ch 3- south
1715 WESH 2 FL
WDIQ 2 AL
WRBLt 3 GA
1759 WCBDt 2 SC
1801 WPBTt 2 FL
1815 WEDUt 3 FL
1822 unid channel 4-
1826 WCSCt 5 SC
1829 KOB 4 NM 1200
KDTN 2 TX
KKTOT 2 NM
1833 KAMR 4 TX
1840 KFSMt 5 AR
KTXtt 5 TX
KCENT 6 TX
KENWt 3 NM
1926 KSWK 3 KS
KTVct 6 KS
1932 KSNCt 2 KS
2056 KENSt 5 TX
KMOL 4 TX
2102 KBTX 3 TX 1079
KPRC 2 TX 1117
KMID 2 TX
2200 KIII 3 TX 1285
2213 WESH 2 FL

June 1990

1 Es 1130 KRGvt 5 TX
1200 KAMR 4 TX
KFDX 3 TX

Western TV-DX

July 1990

William Draeb (continued)

1 Es 1220	KDFW	4 TX	1135	WGBH	2 MA	830	3 Es 2000	KFDX	3 TX	
1226	WLBT	3 MS	1143	WCBSt	2 NY			KENW	3 NM	
1300	KENW	3 NM	1857	WCBD	2 SC			KVIOT	6 NM	
1330	KACVt	2 TX		WCIV	4 SC		2037	KDBct	4 TX	
1742	KPRC	2 TX 1117		WFMYt	2 NC			KMIDt	2 TX	
	KJACT	4 TX	2200	KBTX	3 TX 1079			KKTOT	2 NM	
1753	KTBS	3 LA 910		KPRC	2 TX 1117		2055	KAMRt	4 TX	
	KATC	3 LA 1026		2219	KJACT	4 TX		2103	KATC	3 LA 1026
1821	KGBT	4 TX 1400		1821	KJAC	4 TX		2113	KBTSt	3 LA
	XHRIOT	2 CH		3 Es 1130	KDFW	4 TX		2115	WBRZt	2 LA
1829	WPBT	2 FL 1368		1132	KDFW	4 TX		2154	all gone	
1830	KACB	3 TX		1136	KXASt	5 TX		4 tr 0714	WDRB	41(IN) 437
	(See Note # 3)				KDTNt	2 TX			WKPC	15(IN) 437
1900	KIDY	6 TX		1200	WEDU	3 FL		5 tr 0630	W47AZ	47 IN 336
1918	WCIXt	6 FL			WESH	2 FL			(Indianapolis	VJN)
	WEDUt	3 FL		1800	unid ch 2+ south				(Snow free)	
1926	WDIQt	2 AL			WDIQt	2 AL			Other IN UHF's	
2000	KIII	3 TX 1285			WEDU	3 FL			snow free too.	
	KRISt	6 TX			WPBTt	2 FL			W68AA	68 IL 315
2 Es 0817	WCBD	2 SC		1813	WTVYt	4(FL)			(Danville	WAND-17)
	WCIV	4 SC		1817	WSAV	3 GA 972		0656	KDNL	30 MO 432
1050	WFSB	3 CT 778		1834	KPRC	2 TX 1117			Iron Mtn UHF's	
	("FSB-3")			1835	WCBI	4 MS			snow free.	
	WLBZt	2 ME		1900	KBTX	3 TX 1079			W54AR	54 WI
					KXASt	5 TX			(Fence	WPNE-38)

Note # 1 - W40AK had their own ID at 1956 and an audio ID with local program promos. I saw Muskegon included with local commercials. The audio ID I heard was for Norton Shores. The W40AK signal is only in when conditions along the lake are above normal and the regular lake shore stuff is booming in. One of the local programs they were plugging when I saw them on the 22nd was "TV-BINGO".

Note # 2 - "Great Western Network" slide with program schedule and a list of the network stations. (KGWC-14 Casper, KGWL-5 Lander-Riverton, and KGWR-13 Rock Springs. fm)

Note # 3 - KACB-3: KRBC-9 ID. Also known as "BIG COUNTRY" (on ID slide).

Dave Pomeroy, 1169 Webster, Topeka KS 66604-1502

CDT

I haven't sent any reports in lately because there wasn't anything to report until last week. Since then I've had some fair tropo and skip.

May 1990

23 tr 0630	KWHB	47 OK	210	23 tr 0630	KAUT	34 OK	260	24 tr 0530	K30AL	30 KS	85
	KOKI	23 OK	210	0700	KXXV	25 TX	540	(Iola	w/KOED-11)		
	KDOR	17 OK	175	0730	WHLT	22 MS	640		(Normal	KTWU-11)	
	KHOG	29 AR	225	0800	KXTX	39 TX	450	0600	KOET	3 OK	265
	KPOM	24 AR	245		KFAA	51 AR	215		unid ch 9	NBC se	
	KWKT	44 TX	540	24 tr 0000	KFWD	52 TX	445	28 Es 0630	CFQC1	2 SC	985
	K39BR	39 KS	65		KETK	56 TX	485	0700	CFRN	3 AB	1290
	(Junction City	LPTV)			KDTX	58 TX	450	1200	CKCK	2 SK	895
	K59DA	59 KS	130		KXXV	25 TX	540	1300	CKBI	5 SK	1100
	(Wichita	LPTV-TBN)			KWKT	44 TX	540	1430	CBKFT2	3 SK	
	KHBS	40 AR	280		KXTX	39 TX	450	29 Es 2230	KVBC	3 NV	1075
	KTBO	14 OK	260	0030	KTVT	11 TX	450	30 Es 2100	WSAV	3 GA	940
	KOKH	25 OK	260	0530	KTEJ	19 AR	345		WCBD	2 SC	985
	KGMC	34 OK	260		unid ch 52	TBN		31 Es 2200	WSAV	3 GA	940

The only other new station not reported is K58CX in Lawrence, Kansas about 25 miles east. It is a translator for KTKA-49 and can be seen with a fair to poor signal at all times. K39BR is quite weak and not always present. K15BQ in Topeka is LPTV with some local programming. They provide a mixture of religion and entertainment. They have had a lot of technical problems and really block channels 14 and 15. KTBO-14 is the first channel I've seen while K15BQ was on.

Hope my next report will come sooner than this one.

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK6BO)

PDT

Equipment:

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

For anyone interested, the above ham call sign is new since last year...rather DISTINKtive don't ya think?

This May is a little slow compared to last year. The only good opening was on the 25th mainly from the southwest. Al Tobia and myself are planning a DXpedition to Mt. Ashland in Oregon at the end of June. This should be a fun event. We'll have TV, AM, FM and ham HF gear.

I have two KIDY-6 bumper stickers and about 15 KLEW-3 decals if anyone is interested. Does anyone have any memorabilia from any TV stations west of the Mississippi?

Everyone is doing a great job on the VUD. I appreciate everyone's efforts in making the VUD a great publication.

This report is through May 27th as I will be in Oregon May 28th through June 4th.

<u>May 1990</u>	19 Es 0800 CCI on chs 2 & 3	25 Es 1200 KACV 2 TX 1125
4 Es 0850 unid channel 4	21 Es 0910 unid 2 Spanish	1201 KAMR 4 TX 1125
1032 unid channel 3	1726 CCI on channel 3	1205 KFDX 3 TX 1331
1040 unid channel 2	23 Es 0945 unid ch 3 ABC	1233 KAUZ 6 TX 1331
6 Es 0923 unid channel 2	0948 unid channel 4	1239 KENW 3 NM 1060
17 tr 0957 KSBY 6 CA 185	0959 KTQV 2 MT 940	1301 KMDL 2 TX 1170
1000 KEYT 3 CA 230	1235 unid channel 3	1400 KTWO 2 WY 905
18 Es 0830 CCI on channel 2	25 Es 1115 KENW 3 NM 1060	1401 KOTA 3 SD 1082

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744

CST

Equipment:

1987 RCA model EMR 350E 13" color, Archer V-100 and 8 bay bow-tie UHF array at 20 feet with rotor.

<u>March 1990</u>	29 tr 0136 WFTS 28 FL 990	30 tr 0257 WINK 11 FL 1035
21 tr 2200 KPLC 7 LA 335	0145 WBRZ 2 LA 440	0258 KLFY 10 LA 370
22 tr 0031 WAFB 9 LA 440	0347 KBMT 12 TX 280	0304 WFTS 28 FL 990
0500 KTVE 10 AR 445	0402 KLTV 7 TX 290	0307 WTXL 27 FL 860
0504 KNOE 8 LA 425	0530 KMSS 33 LA 350	0323 WSAV 3 GA 1035
	2120 KPLC 7 LA 335	0332 WTLH 49 GA 850
<u>April 1990</u>	2128 KARD 14 LA 415	0336 KTRE 9 TX 260
11 F2 1335-1525 unids ch 2	2129 WAPT 16 MS 525	0340 KLTV 7 TX 290
19 tr 0258 KLFY 10 LA 370	2159 WLAE 32 LA 515	0346 KATC 3 LA 370
25 Es 0825 KCBS 2 CA 1190	30 tr 0046 WVUE 8 LA 515	0353 WGNO 26 LA 515
27 Es 1828 WMAB 2 MS 615	0100 WFXL 31 GA 880	0355 WACS 25 GA 845
28 tr 0115 KLFY 10 LA 370	0157 WDBB 17 AL 710	0358 WJHG 7 FL 785
2239 KPLC 7 LA 335	0202 WBRZ 2 LA 440	0429 WAWS 30 FL 1015
29 tr 0008 KLFY 10 LA 370	0217 WTGS 28 SC 1035	0455 WAPT 16 MS 525
0029 WNOL 38 LA 515	0233 KADN 15 LA 380	0458 WHOA 32 AL 750
0100 WTHV 32 FL 1010	0234 WFLA 8 FL 990	0459 WTHC 40 FL 855
0115 WGNO 26 LA 515	0250 WJKS 17 FL 1015	0500 WAFB 9 LA 440
0119 WVLA 33 LA 435	0257 WTLV 12 FL 1015	0529 WNOL 38 LA 515

The unid F2 on April 11th lasted a long time, but never sufficiently overrode the local LPTV K02MX color bars and audio tone. For whatever reason, that #3&4 item went off the air again on April 23rd!

K7RWT of Oregon has just "loaned" me a Realistic Portavision-100 (4") TV set that his sister-in-law had obtained for him during an Australian visit in the spring of 1989. So far my attempts at viewing the New Zealand 45 MHz video have encountered the same problems that he did - the local 43.22/43.58 MHz pagers ripping it up! Any simple trap designs around? I hope to be able to try it out on the 48.25 MHz European videos next fall.

The trans-Gulf tropo of late April finally showed. My largest "shock" was getting WSAV-3 that way!

I'm still using my J.C. Penney 1980 model with the transplanted 1975 tuner which always left a lot to be desired on UHF.

(Congratulations on your very fine tropo loggings. fm)

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

COT

DX from cabin at Alborn (Prosit), Minnesota

Equipment:

General Electric EC chassis about 1980 - electronic tuning (no fine tuning). Antennas in the attic - one pointed south towards Minneapolis/St. Paul and the other aimed southeast towards Duluth - selection via knife switch. Neither antenna is a DX type.

<u>May 1990</u>	27 Es 1400 WESH 2 FL 1386	29 Es 1000 KDBC 4 TX 1279
13 Es 1100 KKTO 2 NM 1054	WDIQ 2 AL 1116	1530 KREM 2 WA 1152
18 Es 1500 KUTV 2 UT 1065	(See Note # 1)	1532 KXLY 4 WA 1141
1930 unid chs 2-5	28 Es 0148 KBTX 3 TX 1150	1800 WTVY 4 AL 1188
(Gone by 2000)	0900 KKTO 2 NM 1054	1846 WKRG 5 AL 1154
25 Es 1930-2010 unid ch2 ABC	(Unfil 0955)	
unid ch 2 NBC	1000 KNAZ 2 AZ 1282	<u>June 1990</u>
26 Es 2330-2400 unids 2-4	1500 KFBB 5 MT 875	1 Es 1400 KTVX 4 UT 1066
27 Es 0128 KREM 2 WA 1152	1540 CFCN 4 AB 1012	1800 KPRC 2 TX 1213
(Very erratic)	1700 WDIQ 2 AL 1116	1801 WBRZ 2 LA 1155
1100 KDTN 2 TX 1021	2337 KBCI 2 ID 1156	WDIQ 2 AL 1116
1200 WMAB 2 MS 955	29 Es 1000 KNAZ 2 AZ 1282	1805 WWL 4 LA 1188

Note # 1 - May 27th @ 1400 - Good E skip - had to leave house for eleven hours. Still E skip upon return, so probably missed a great opening!!

The May 28th and 29th dates provided much FM E skip from the west, southwest and also Canada. I am sure I missed an excellent opening on May 27th as the people where we were said their TV was all messed up, especially KDLH-3.

Mike Cherry, Box 631, Ganges BC V0S-1E0

(604) 537-5201

PDT

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR. Antennas: VHF - Lindsay CC-30 22 element log-periodic with Lindsay VX-25 0-25 dB adjustable mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl.

<u>April 1990</u>	17 tr 2200 KTVZ 21 OR 350	24 Es 0843 fade-in
11 au CCI on 2 and 3	2203 unid channel 10	0848 KMTV 3 NE 1440
all evening.	(PTA: north OR)	0900 KINT 3 IA 1520
22 tr 0546 KXLY 4 WA 315	18 Es 0847 fade-in	0921 KYTV 3 MO 1740
0549 KREM 2 WA 315	0900 \$KOTA 3 SD 1030	(See Note # 3)
ms 0611 ch 2 17 seconds	0928 \$KTQV 2 MT 750	MUF drops until
0515-0615 many pings	(Over CBUT)	1055
23 ms 0630 KBCI 2 ID 510	0929 KXLF 4 MT 565	1058 CFCQ1 3 SK 700
(12 secs - ad)	(Over KOMO)	1100 CBKT1 4 SK 805
	1000 KNOP 2 NE 1240	1102 fade-out
<u>May 1990</u>	1030 KWGN 2 CO 1110	(MUF: 76 MHz)
3 tr 2218 K36BO 36 WA 70	1032 KCNC 4 CO 1110	tr 2248 KNDO 23 WA 225
(Deming KOMO- 4)	1100 \$KTWO 2 WY 940	(Over CHAN6)
(Snow free)	KLNE 3 NE 1325	2252 KIWA 29 WA 225
2224 KCKA 15 WA 165	unid ch 3z 100°	28 Es 1112 fade-in
(Snow free)	(See Note # 2)	1130 KOB 4 NM 1290
5 ms 2243 unid ch 3 - 7sec	1130 KOTA 3 SD 1030	1130+ Albuquerque FM's
2315 unid ch 4 - 9sec	1200 KNAZ 2 AZ 1145	1140 KENW 3 NM 1480
many pings - eve	1230 KTVS 3 CO 1165	1200 XEPnt 3 CU
11 ms 0308 CFCnt 4 AB	1238 fade-out	1230 CBWFT 3 MB 1180
(See Note # 1)	(MUF: 74 MHz)	1231 XEPN 3 CU 1860
17 Es 1114 heavy CCI 2 & 3	21 tr 0306 KREM 2 WA 315	(MUF: 96.1 MHz)
tr 2200 KNMT 24 OR 235	0308 KXLY 4 WA 315	1248 fade-out
KUTF 32 OR 275	0612 KLEW 3 ID 355	

Note # 1 - Lots of meteor scatter during Lyrids in April and Aquarids May 5-7. I phoned CFCJ-4 Kamloops, British Columbia, but this wasn't them. The phone kept ringing busy at CFCN-4 Calgary, but antenna bearing was aimed at them plus they are 24 hour operation. Picture full colour!!!! (19 seconds)

Mike Cherry (continued)

Note # 2 - CBS logo appeared with "Great Western Network" graphic underneath. Stereo noted - faded out as fast as it showed. Also, I think my unid CBS channel 2 from last summer was KTWO.

Note # 3 - Missouri is state number fifteen - not bad for a dude into TV-DX for only a year. In 15 years of FM DX'ing, I've only heard Missouri once. At 1740 miles, I think this might be double hop E skip. Signal was great for a minute or two - enough to catch a local ad!!

Tropo Scatter Summary: Enhancement 200+ miles: April 4, 7, 17, 19, 26, May 1, 3, and 22 plus above loggings. Local enhancement: April 18, May 1, 3, 12, and 23.

Finally got the Lindsay VHF up and running on a ten foot mast mounted on my sun deck railing. This monster definitely requires strong arms to turn it! The Lindsay mast-mount amplifier is similar to Radio Shack's but has much, much better weather protection. I've had trouble with the 15-1108's getting water in them, even with lots of Coax-seal applied. The extra 5 dB on the amplifier is appreciated, especially for tropo.

No F2 noted - the solar flux has rarely hit 200+ and when it has, conditions have usually been disturbed (auroral noted April 10, 11, 18 and 23). E skip finally showed up. The opening on May 18th produced CATV-grade signals.

(Mike, both William Draeb and myself have seen the "Great Western Network" logo on KGWL-5. The ID slide seen also listed KGWR-13 and KGWC-14. I don't know it for a fact, but I suspect co-owned KGWN-5 uses the "Great Western Network" designator. If that is true, your logging was KTVS-3, their Sterling, Colorado satellite. fm)

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509

PDT

Equipment:

JVC AH-7200U VCR as tuner (with Hitachi CT-932 as monitor) fed by a Channel Master UHF Quantum 4257 @ 35' and a Channel Master VHF/FM Quantum 1110 @ 32' on the same mast. Separate downleads with a Channel Master booster on the UHF. Bohsei black and white fed by a Radio Shack V185 in the garage @ 7' and aimed east southeast.

Omigosh, I have a logging on the VHF highband. First since 1981! It's nothing exceptional otherwise - a new semilocal - but beggars can't be choosers. Anyway, here's what's happening as the skip season revs up.

<u>May 1990</u>									
28 Es 0933	KMID	2 TX 1175	2 Es 2128	=KACV	2 TX 1115	3 gw 0043	KFWU	8 CA 150	(KRCR satellite)
1300	KLBY	4 KS 1125	2231	KMID	2 TX 1175	Es 2000	KMID	2 TX 1175	
1330	KNOP	2 NE 1110	3 Es 0000	unid ch 4 KF??		2205	=KACV	2 TX 1115	
1800	XHIT	4 CH 1135		(Faint!)		2230	KAMR	4 TX	
<u>June 1990</u>			gw 0040	K54CY	54 CA 85	5 Es 1011	KXMA	2 ND	
2 Es 1130	KNOP	2 NE 1110		(Lakeport	KOVR-13)			("Noon on 12")	

Here's the MUF breakdown from the first observed skip date:

DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME	DATE	MUF	TIME
05/05	4	1936	05/13	---		05/21	3	0825	05/29	94.7	2151
05/06	3	1051	05/14	---		05/22	---		05/30	4	1504
05/07	---		05/15	---		05/23	---		05/31	---	
05/08	---		05/16	4	1213	05/24	---		06/01	5	1842
05/09	---		05/17	---		05/25	---		06/02	106.7	2056
05/10	---		05/18	---		05/26	---		06/03	104.9	2016
05/11	---		05/19	2	0819	05/27	2	1038	06/04	---	
05/12	---		05/20	---		05/28	107.7	1015	06/05	5	2142

Definitely a slow start, but all's forgiven after May 28th. This was a major-league event, reaching 107.7+ into Iowa and Kansas and producing FM from Green Bay, Wisconsin at one point! Strangely, South Dakota and Minnesota FM were heard three minutes after KMID was ID'ed, but no Texas FM until six hours later!

I'm puzzled about the KOVR-13 translator on channel 54. It seemed to come from Mt. Konocti, home of the known Lakeport translators. But K52AJ, Lakeport, was also carrying

John Jefferson (continued) KOVR (Not KHSL-12). What gives? By the way, K64AZ, Lakeport, the former KOVR translator, was not seen even though KFTL-64 was off. I assume it is now deleted due to interference from or with KFTL.

KFWU-8 is now on, broadcasting from Cahto Peak with a KRCR-7 relay. Have no idea what their offset is, as KSBW-8 and KOLQ-9 Nevada have always made the channel look like 2 on a heavy skip day when the antenna is aimed at KFWU. With three approximately equal signals, now it's really a mess.

Incidentally, KFTL-64 now carries some home shopping program when it isn't saving souls. Don't know why they were off June 3rd - they're almost always on these days.

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment:

1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1962 detent tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

<u>April 1990</u>									
16 ms 0510	KPRC	2 TX 893	27 Es 1603	KKTO	2 NM 972	28 Es 1400	KFBB	5 MT 1112	
27 tr 2230	W30AL	30 IL 43	1620	WBRZ	2 LA 784		KRTV	3 MT 1112	
	(Plano	LPTV)	1730	WFSB	3 CT 842	1420	CFAC	2 AB 1293	
28 tr 2320	WJJA	49 WI 107		WGBH	2 MA 918	1500	CFRN	3 AB 1337	
			1735	WCBS	2 NY 792	1730	KBCI	2 ID 1329	
<u>May 1990</u>			1740	WLBZ	2 ME 1030	1800	KMID	2 TX 967	
15 Es 2135	KMID	2 TX 967	2200	CKND2	2 MB 752	29 Es 0505	KMID	2 TX 967	
20 Es 1750	WBRZ	2 LA 784	2303	KXGN	5 MT 816	1000	KENW	3 NM 912	
	1755	WWL	2305	KFYR	5 ND 644	1215	KTWO	2 WY 849	
	2055	KPRC	2310	KTVQ	2 MT 968	1300	KSL	5 UT 1139	
	2112	KIII	2312	KFBB	5 MT 1112		KIDK	3 ID 1123	
25 Es 1900	WPBT	2 FL 1229	2330	KXLF	4 MT 1151	1303	KUTV	2 UT 1139	
	KACB	3 TX 933	2335	KRTV	3 MT 1112	1800	WBRZ	2 LA 784	
	2000	WEDU	28 Es 0040	KIDK	3 ID 1123	2100	KRIS	6 TX 1072	
	1210	KATC	0050	KOUS	4 MT 925	2120	WPBT	2 FL 1229	
	1230	WPBT	0120	KBTX	3 TX 856	30 Es 0858	WPBT	2 FL 1229	
	1300	WEDU	0140	KTVX	4 UT 1139	2100	WBRZ	2 LA 784	
	1305	WPTV	0145	KUTV	2 UT 1139	31 Es 1025	WESH	2 FL 983	
	1335	WKRQ	0205	KTWO	2 WY 849	1030	WPBT	2 FL 1229	
	1340	KPRC	0208	KOB	4 NM 1026	1400	KMID	2 TX 967	
	1408	KRGV	0211	KLEW	3 ID 1360	1535	KNAZ	2 AZ 1258	
	1430	KGBT	0215	KXLY	4 WA 1386	2200	KACV	2 TX 803	
			0225	KREM	2 WA 1386	2210	KIII	3 TX 1072	

The late April logging of channel 30 in Plano is mysterious. I first saw them snow free at 2230. They were on all night and til past 0500 the next morning. I haven't seen them since. On their slide was W30AL - Plano and WFXV Broadcasting. They gave a number to call. At past midnight, I got a recording instructing me to call an Aurora FM station. I did not pursue it any further. I took two pictures and hope I never see them again.

During the last week of May it was rare when E skip was not in. There were only two days I could devote a lot of time to DX'ing. There was a rare all night opening. I had not seen KXLY-4 Spokane and KLEW-3 Lewiston in thirty years. The Spokane stations were in for two hours.

Marvin Shults, RR #1, Toulon IL 61483

CDT

<u>May 1990</u>										
27 Es 1359	unid ch 2 Mexico		27 Es 2132	WSTM	3 NY 715	28 Es 1300	CKBQ	2 SK 1055		
1400	KPRC	2 TX 855		2200	unid ch 4 Canada		CFQC1	3 SK 1145		
	KIII	3 TX 1025		2217	CKND2	2 MB 800	1400	CKBI	5 SK 1110	
1408	KRGV	5 TX 1125		2218	CBWFT	3 MB 705		KFBB	5 MT 1140	
1410	KGBT	4 TX 1125		2230	KRTV	3 MT 1140	1427	CBXT	5 AB 1380	
1500	WLBZ	3 MS 615		28 Es 0730	@unid channel 2		1500	KTWO	2 WY 850	
1557	WBRZ	2 LA 750		tr 0739	W65BT 65 WI 165		1639	unid ch 5 CBS		
1600	WDIQ	2 AL 685			(Milwaukee	WCIU-26)	1643	KXLF	4 MT	
1621	WBTY	3 NC 615			0816	W46AR 46 WI 165	1730	KBCI	2 ID 1345	
1628	unid ch 3 French				(Milwaukee	LPTV)		unid ch 2 Mexico		
2124	unid ch 3 French			Es 1129	CKCK	2 SK 950	2159	KMID	2 TX 925	
2125	WLBZ	2 ME 1095			1130	CFRN	3 AB 1375	2213	KENW	3 NM 915
						CFQC1	3 SK 1145	2220	KBCI	2 ID 1345

Frank Merrill (continued) Has anybody noticed the recent proliferation of "Home Shopping Spree"? I've seen it suddenly appear on WQAD-8 Illinois (replacing all night 3/4 color bars) and WIBW-13 Kansas and I know I've seen it on others. Offhand, I can't remember if this is the shopping service that WCIU-26 (and W33AR, W65BS, and W69BT) now carry overnight, but I think so.

Dave Pomeroy recently wrote me (in reply to my query about him not attending last year's National Radio Club convention in Topeka) and listed a bunch of "unknown" Kansas translators. I seem to have lost his letter! It seemed to support Fred's contention that I couldn't have seen Salina channel 44 last September, so I have changed my logging (09/19 @ 0407) to K44BQ (Ardmore, Oklahoma TBN) 580 miles. Salina was indeed off the air long before my logging. I believe Dave said it moved to channel 15. WTJR-16 spurs (faulty transmitter) will make that one difficult here!

The same trip that cost me the Memorial Day feeding frenzy got me up to Bill Draeb's QTH in Kewaunee, Wisconsin. He DX'es on an old black and white set and uses a UHF converter box; something that I've rarely seen in operation. His antenna system must have the world's longevity record as the original tower/antennas from (I think he said) 1962 are still up and working perfectly! The reason for his stunning easterly (see to n) loggings became obvious - the altitude drops about 150 feet from his place to the lake about a mile east. 7 tea trees y'all.

(Frank, I don't know it to be operational, but TBN has had a permit for W34AY at Champaign since November 30, 1988. fm)

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS)

MDT

DX from my gift shop in Divide, four miles west of my home in Woodland Park at 9100 feet.

Equipment:

1981 13" black and white Magnavox, CS-1000 30 element yagi at 20 feet with rotor.

May 1990

20 Es 1600	WDIQ 2 AL	1020	XET t 6 NL	31 Es 1400	WBRZ 2 LA 990
	WEDUt 3 FL		(Heavy XET-94.1)		KTBS 3 LA 760
1629	WRBL 3 GA 1225	1030	unid channel 4	1500	CHICt 3 ??
1635	WSB 2 GA 1200	1230	XHRIO 2 TA 1005		(French ID ??)
27 Es 1030	WKYC 3 OH 1240	1308	CKND2 2 MB 815	1502	CFRN 3 AB 1065
	WDIQ 2 AL 1165	1330	CKDSt 3 ??	1503	CKBI 5 SK 970
1031	WSB 2 GA 1200	1400	KCRA 3 CA 885	1538	unid ch 3 CTV
1059	unid ch 3 ABC	1402	KCBSt 2 CA	1545	unid ch 2 SK PSA

Almost non-stop E skip last few days of month. Spent most of time on FM. MUF up to 146 MHz at times. Still haven't gotten my seven foot parabolic back up. With my success on FM tropo DX, I'm hoping for some good UHF TV-DX when I get it back up. 73, Doug

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

Equipment:

VHF: Broadmoor 9" black & white, Winegard CS-4053; UHF: Rembrandt VA133 tuner, Winegard CH-9095, Blonder-Tongue CMA-Uc preamplifier; Alliance rotor.

May 1990

15 Es 0850	WEAR 3(AL)1225	22 Es 1022	WLBt 3 MS 1070	25 Es 1630	WMAB 2 MS 1015
0859	WDIQ 2 AL 1195	1127	WBRZ 2 LA 1185	27 Es	(MUF 99.1 @ 1645- GA)
0939	unid channel 5	23 Es 1029	XEPMt 2 CH	1800	WRAL 5 NC 1215
1026	WLBt 3 MS 1070		(MUF 90.7 @ 1054- NM)		(MUF 99.1 @ 1802- NC)
1157	WLBt 3 MS 1070	1056	XEJ t 5 CH	1926	KATU 2 OR 1240
1300	WDIQ 2 AL 1195	1102	unid ch 5 PBS		(MUF 107.7@1957)
16 Es 1137	unid ch 2 NBC	2229	KREMt 2 WA	1959	WPSX 3 PA 990
1257	unid ch 2 NBC	2257	KING 5 WA 1195	2048	unid ch 5 FOX
17 Es 0843	WCBd 2 SC 1310		(MUF 90.3 @ 2309- WA)		unid ch 4 NBC
0929	WUFT 5 FL 1415	24 Es 0933	unid ch 2 Mexico		(Over loc. KXJB)
0930	WRBLt 3 GA	0945	unid ch 2 NBC	2119	WDTV 5 WV 985
	(MUF 94.5 @ 0944- GA)	1157	KREM 2 WA 960	2202	WBTv 3 NC 1140
1158	WSIL 3 IL 755	1300	CFAC 2 AB 840	2204	WFMY 2 NC 1150

Fred McCormack (continued)

27 Es 2214	WCYB 5(TN)1040	29 Es	(MUF 107.9 @ 2227- NC)	1 Es 0118	(MUF 107.9@1342)
	(MUF 107.9 @ 2227- NC)		0822	KPRC 2 TX 1195	1359
2235	WKRg 5 AL 1215		0850	KATC 3 LA 1185	1814
	(MUF 95.7 @ 0011- OK)		0932	KENS 5 TX 1220	1818
0015	KOAA 5 CO 705		0943	KRGV 5 TX 1430	unid ch 5 Mexico
	(MUF 100.7 @ 0031- TX)			(MUF 102.7 @ 0950- TX)	(MUF 107.9 @ 2114- AZ)
0051	KCEN 6 TX 1075		0959	KTXT 5 TX 955	2148
	(Local WDAY off)		1029	KENS 5 TX 1220	(MUF 106.5 @ 2221- NV)
0101	WDSU 6 LA 1225		1036	KFDX 3 TX 900	2300
	(MUF 90.5 @ 0105- FL)			(MUF 107.9@1100)	KDK 3 ID 805
0118	unid channel 4		1200	XEJ 5 CH 1180	2 Es 0959
	(Local KXJB off)			(MUF 100.5 @ 1215- NV)	WBRZ 2 LA 1185
	(MUF 106.7 @ 0123- AL)		1229	KENW 3 NM 965	1000
0127	KENW 3 NM 965			(MUF 107.9 @ 1338- CA)	KATC 3 LA 1185
0154	KUTV 2 UT 880		1348	KUTV 2 UT 880	KBTX 3 TX 1120
0156	KTVYt 4 OK		1349	KSL 5 UT 875	1038
	(MUF 106.5 @ 1516- WA)		1459	KLEW 3(WA) 960	WTTG 5 DC 1135.
0200	WTVY 4 AL 1240			(MUF 106.5 @ 1516- WA)	1058
	(MUF 99.3@0235)		1600	KING 5 WA 1195	WPSX 3 PA 990
0249	KATU 2 OR 1240		1628	CFRN 3 AB 870	(MUF 92.7 @ 1121- NY)
0250	KOIN 6 OR 1235		1631	CBXT 5 AB 860	1218
0333	KTVX 4 UT 880		1759	WSB 2 GA 1115	unid ch 3 French
0348	KCCZ 4 UT 1050		1800	WSAV 3 GA 1320	unid ch 2 French
0409	KGWL 5 WY 645			(MUF 105.5@1821)	3 Es (MUF 102.7 @ 2005- TX)
	(MUF 107.9@0421)		1858	WUFT 5 FL 1415	4 Es 2127
0428	KUTV 2 UT 880			(MUF 107.9 @ 1937- FL)	CBUT 2 BC 1210
	(MUF 92.3 @ 0452- TX)		2000	WKRG 5 AL 1215	2139
0459	KSL 5 UT 875		2058	unid ch 5 CBS	KING 5 WA 1195
0512	KAMR 4 TX 840		1923	unid ch 2 CBS	(MUF 106.5 @ 2221- NV)
0520	KVIO 6 NM 1045		2023	unid ch 4 NBC	5 Es 0758
	(MUF 99.5@0540)			(Over loc. KXJB)	KUTV 2 UT 880
0554	KACV 2 TX 840			(MUF 92.3 @ 2035- KY)	0828
0958	KENW 3 NM 965		31 Es 0758	unid ch 2 NBC	unid ch 3 PBS
1025	KTVK 3 AZ 1230		0827	KIII 3 TX 1330	0859
1058	KUTV 2 UT 880		0830	KBTX 3 TX 1120	0900
1100	KNAZ 2 AZ 1120			(MUF 95.5 @ 1403- AL)	KMID 2 TX 1060
1141	KPHO 5 AZ 1230		1529	KBTX 3 TX 1120	0929
	(MUF 96.1 @ 1148- AZ)			unid ch 5 PBS	KENW 3 NM 965
1252	unid ch 5 Mexico		1530	unid ch 5 PBS	0956
1256	KVVU 5 NV 1200		1537	KMID 2 TX 1060	KNAZ 2 AZ 1120
1259	KREM 2 WA 960		1628	KENW 3 NM 965	1729
1301	KVBC 3 NV 1195			unid ch 2 Mexico	KMID 2 TX 1060
	(MUF 95.9 @ 1323- MT)		1723	KTBS 3 LA 990	1730
1329	KLEW 3(WA) 960			(MUF 107.9@1915)	KENW 3 NM 965
	(MUF 100.5@1423)		1815	WLBt 3 MS 1070	6 Es 0900
1600	KLEW 3(WA) 960		1819	WKRG 5 AL 1216	WEAR 3(AL)1225
	(MUF 92.3 @ 1640- NM)		1829	KFDX 3 TX 900	1100
1648	KKTO 2 NM 915			(MUF 106.7 @ 2046- LA)	KWGN 2 CO 650
	(MUF 88.9 @ 1800- GA)		2100	KALB 5 LA 1115	1616
1828	WBTv 3 NC 1140		2200	KATC 3 LA 1185	unid ch 2 French
2158	WBTv 3 NC 1140				1627
2200	WCBd 2 SC 1310				CFAC 2 AB 840
29 Es 0100	KOIN 6 OR 1235				(MUF 96.3@1643)
0109	KBCI 2 ID 960				1700
0124	KOBI 5 OR 1320				WGRZ 2 NY 935
0126	KOTI 2 OR 1265				1746
					KLEW 3(WA) 960
					1800
					KREM 2 WA 960
					(MUF 89.5 @ 1816- WA)
					1829
					CFQC1 3 SK 620
					1853
					KYW 3 PA 1175
					7 tr 0800
					KSIN 27 IA 300
					Es 0855
					WBRZ 2 LA 1185
					10 tr 1000
					CBWT3 29 MB 160
					1010
					K63DX 63 MN 90
					(Wadena
					KMSP- 9)
					Es 1030
					unid ch 3 NBC
					1230
					KDTN 2 TX 985
					1301
					KFDX 3 TX 900
					1349
					unid channel 5
					1350
					KMID 2 TX 1060
					1359
					KACV 2 TX 840
					11 Es 1029
					KKTO 2 NM 915
					14 Es 1659
					KFDX 3 TX 900
					1703
					KMID 2 TX 1060

It was great to see E skip still in after locals KXJB-4 and WDAY-6 signed off. I think the overnight opening of May 27th-28th was the most extraordinary event of that nature ever observed at either of my two North Dakota TV-DX QTH's.

TALL TOWERS REVISITED: Robert Baker of Humboldt, Iowa sent me data on some other 2000 foot towers in South Dakota and Iowa. (KDIN-11/WHO-13 (diplexed)/WOI-5, KCCI-8, KCRG-9/KRIN-32, KWLL-7, KELO-11 / KSFY-13). My source was the hagl (radiation center) as listed in the TV & Cable Factbook and I cut off at 2000' exactly. The TV & Cable Factbook lists an additional 41 TV stations with antenna heights between 1950 and 2000 feet above ground.

EASTERN TV-DX

Bill Nienajedly
P.O. Box 2999
Clifton NJ
07015

July 1990 Cutoff 5-1-90 Deadline August 1st 1990

The MUF reaches CHANNEL 9 !!! Greg Coniglio and Matt Sittel both observed CH 9 skip on May 29th, Greg on the 31st. Tom Bryant noted Channel 7 skip on May 31. The last couple of days of May saw outstanding E-Skip even into the dead of night, John Combs saw the skip on the 28th still in at 0345! And still more on that super gulf opening. Note that a new address for ETVDX, Please Report Promptly + thanx to all who do!

Michael Hollis 40 Lakewood St Mary Esther FL 32569

March 1990
21 Tr 2220 All U's LA 200
2221 KHOU 11 TX 530
2222 KHTV 39 TX 530
22 Tr 0524 KNOE 8 LA 370
0525 KPRC 2 TX 530
0527 KHTV 11 AR 450
0528 KLRT 16 AR 450
0534 KABN 38 AR 450
0544 KETG 9 AR 470
24 Tr 0550 WTGS 28 SC 360
0555 WJCL 22 GA 350
April 1990
16 Tr 0512 KPRC 2 TX 530
0520 KJAC 4 TX 470
0523 KLAX 31 LA 350
0530 KHTV 39 TX 530
0535 WSPF 30 FL 390
0550 KVHP 29 LA 390
0600 KALB 5 LA 360
0620 KEDT 16 TX 700
0621 KLPB 24 LA 340
0633 WMAU 17 MS 270
0636 WTVA 9 MS 300
27 ES 2215 KMID 2 TX 950
29 Tr 0424 WTVT 13 FL 300
0426 WLTV 12 FL 300
0428 WESH 2 FL 350
0433 W65BG FL 150
0444 KXLN 45 TX 570
0445 WFTS 28 FL 300
0447 KABB 29 TX 740
0448 KTXH 20 TX 530
0449 KLFY 10 LA 340
0450 WFLA 8 FL 300



29 Tr 0456 WAYQ 26 FL 350
0504 WAWS 30 FL 300
0515 KDFW 4 TX 660
0517 KTRE 9 TX 530
0519 KTXH 20 TX 530
0520 KHTV 39 TX 530
0527 KPRC 2 TX 530
0530 WFTV 9 FL 350
0545 KATC 3 LA 330
0552 KGBT 4 TX 750
0558 KSAT 12 TX 740
0626 KVTV 13 TX 820
0642 WMFE 24 FL 350
0650 KENS 8 TX 820
0730 XERV 9 MX 790
0732 ? 25 MX ---
0734 KEDT 16 TX 700
1430 KRIV 26 TX 530
1431 KHTV 39 TX 530
1435 KPRC 2 TX 530
1440 KHOU 11 TX 530
1455 XHAB 7 MX 760
2020 KHTV 39 TX 530
2030 KSHS 67 TX 520
30 Tr 0410 KRRT 35 TX 770
0422 WBSG 21 GA 340
0425 WSAV 3 GA 350
0430 WWSB 27 MS 250
0432 KATC 3 LA 330
0435 KXXV 25 TX 660
0448 KTRE 9 TX 500
0451 KCEN 6 TX 670
0455 KRIV 26 TX 530
0500 KETH 14 TX 540
0510 KSAT 12 TX 740
0515 KVUE 24 TX 690

30 Tr 0517 KTWX 10 TX 670
0520 KMOL 4 TX 740
0525 KXAN 36 TX 690
0531 KVEO 23 TX 750
0532 KABB 29 TX 740
0537 KDAF 33 TX 660
0539 KMSS 33 LA 460
0543 KETK 56 TX 530
0545 KBVO 42 TX 690
0548 KLMG 51 TX 550
0558 KXLN 45 TX 570
0610 KHTV 39 TX 530
0630 KLRU 18 TX 690
0635 WMAZ 2 MS 250
0640 WMAZ 23 MS 360
0641 WMAV 18 MS 360
0649 W45AA MS 210

May 1990
1 Tr 0438 WBSG 21 GA 340
0501 WLTV 23 FL 520
0502 WDZL 39 FL 520
0526 W3IAT FL 270
0536 KHTV 39 TX 530

I thought I had missed this years big opening in the spring but it came late this year. A good opening with WF pretty much a solid mess. This opening compared to the one on 16 March 1989 was not quite as intense but produced some new stations. Total stations logged so far after 18 months at this location, 337. Many good photos during this opening which I'll be sending in the Photo Column.

Harry Hayes 9 Henry St Wilkes Barre PA 18702 EDT
April 1990
28 ES 1740 UNID 2 -- ---- May 1990
SS Audio 14 ES 2300 WBRZ 2 LA
16 ES 1711 KJRH 2 OK 23 ES 2017 KQTV 2 MO

Equipment; Channel 2 Quad loop on frame w/1971 model color RCA. This May ranks as one of the all time poorest for DX in this neck of the woods. The Es season is really starting slowly with just teaser openings so far. I've seen some signs of skip to channel 4 at times but that's been the limit. Absolutely no tropes of significance seen. Im using this set for UHF also with its continuous dial. My other set has a busted tuner and is now only used for entertainment viewing. I will be back in 30 days with some better news I hope.

Jim Renfrew 61 Whitcox St Rochester NY 14607-3832 All times EDT
March 1990
11 AU 1745 CIII 2 ON 130 May 1990
w/WGRZ audio 27 ES 1410 MUF 5
1811 KJRH 2 OK 1075
2300 WEAR 3 FL 1025
April 1990
19 GW 1806 W38AW NY 001 29 ES 1800 KDTN 2 TX 1250
New station, CB/TP, All 1806 KXAS 5 TX 1275
News Network prg/summer AU 1822 UNID 2 -- ----
CBC news audio u/WGRZ
see note 1

See next page for the rest of Jims comment

Eastern TV DX July 1990

Jim Renfrew continued
5/27 and 5/29 saw lots of Es, up to Ch.5. There were few IDs during weekend network sports programs (drat), but much better results during local news programs in the early evening. It was a great experience watching 3 stations from 3 states fighting for channel 3. No sign of WSTM 3 Syracuse, so I had no idea how to interpret offset lines, audio vs video, etc. but it was lots of fun as I heard all three IDs during the news.

All this, and more, with a old color TV (has to warm up for 45 minutes before channels stabilize, with a terrible FM interference on CH 6) in the attic with Rembrant rabbit ears. Jim

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663 (615)239-9186

Here's a brief summary of the DX I received in Raleigh, NC during the school year that was not reported earlier.

10/12/89: I stumble onto a lone DX station, WNEG-32 GA 276, at 2147.
10/13/89: Strong early morning opening brings in some distant stuff. 4 new logs, listed below:
0758 WOGX-51 FL 486, 0801 WCJB-20 FL 477, 0810 WAWS-30 and WNFY-47, both 410 miles. Notable relogs include WTSG-31 GA 424, and WCES-20 GA 266.
10/24/89: On this morning I finally get strong DX to the north. 11 new stations, seen between 0847-0916: WBOC-16 MD 255, WMDT-47 MD 251, WBFF-45 MD 274, WHMM-32 DC 241, WFTY-50 DC 242, WHSW-24 MD 268, WTVT-53 VA 213, WTKC-55 VA 156, WNUV-54 MD 268, and WETA-26 DC 241. At one point on 26 WETA, WAGT, and WJKA were all in at once! Thankyou Sam Brown for your help in identifying some of these stations for me.
10/25/89: 5 new ones on this day. I had an exam at 0855 this morning, and had to walk out on WAWS-30 in color! I ran back, and got in the door with 40 seconds before 1000, and grabbed what may be my favorite logging of all time in Raleigh: WABW-14 GA 444. Also new were WTGS-28 SC 266 (very weak, but in color on the cable system, which picked it up after WPTF-28 signed off!), WHNS-21 NC 229, WRET-49 SC 187, and WRDW-12(SC)240. Relogs include WTSG-31 GA 424, WCES-20 GA 266, WNFY-47 FL 410, and only the 2nd time ever for WCBD-2 SC 199.
11/06/89: 3 new ones this morning during an unusual opening: WNTV-29 SC 217, and the other two were in without much in from near it: WKCF-68 and WMFE-24 FL 509. I may have had WOFL-35 at 0830 but they are not only the same offset as WRLH-35 but also ran the same show at the same time! WTSG-31 also was in.

1990: On January 28 I note a new LPTV that ruined its channel for DX. W13CI Raleigh, another "Video Jukebox Network" affiliate, has turned channel 13 into a frequently unusable channel. WBTV-13 has to be strong to overtake them, and things like WSET are unlikely to ever be seen again while W13CI is on. March 13 was the day I FINALLY received WFXI-8 in Morehead City, NC. At 133 miles, it's hard to believe I had such a hard time logging it. The last few days in April were extremely busy for me, as not only did I have finals to study for, but DX was great!! On the 17th the DC/Baltimore area were noted again. On the 26th I ID'd a pesky new station, channel 34 in Henderson, NC (43 miles). All they were running were alternating slides of a TP and a slide saying "Channel 34 Henderson Thank You" and no calls listed. The 2 best DX days of 1990 so far came on 4/27-28, with the 28th being the best DX day I've ever seen in Raleigh. First, the 27th: I caught only one new station, but its presence indicated that DX was better than it appeared to be: WBSG-21 GA 358. John Combs helped me out a lot on these 2 days in ID'ing stations-thanks, John! He helped on WOGX-51 FL 486 and WTOG-44 FL 582, only the 2nd time I've ever seen it. At least 10 unIDs were noted; many were perhaps the DC area, while others were a total mystery, especially on channel 53: Ads for "Groupama", "Binala", and "Epéda", and FRENCH audio! "#308" constantly stayed in the lower-left hand corner. Would WTVT have anything like this? If not, then what could it have been? On April 28th, DX opened up in all directions: To the east the best ever signal for WFXI-8 NC 133. To the north WFTY-50 DC 242, WBFF-45 MD 274, and WNUV-54 MD 268. To the west WHNS-21 NC 229, WRET-49 SC 187, and 2 new stations: WGGG-16 SC 217, and another NCPT affiliate, WUNP-33 NC 231. On 4/26 I logged WUNG-58 NC 118 for the first time, leaving only 2 NCPT's that I need: WUNE-17 and WUND-2. To the south, conditions were fantastic: WEBA-14 SC 233, WAGT-26(SC)239, and back to full power, W3IAT-24 SC 200. But there were two notable long catches: WTOG-44 FL 582, and a new station, my furthest tropologging from Raleigh so far: WTVX-34 FL 600. They were in color with a "Didi Seven" 30-minute commercial only 7 minutes before ID but faded until at 1000 I could still read the calls, and after that it was gone. Now, on to my Kingsport DX:

MAY 1990
20 Es 1530 unID-2 20 Es 1859 KACB-3 TX 1077 25 Es 1858 KENW-3 NM 1210
1628 KENW-3 NM 1210 22 Es 2102 unIDs-2,3 1859 KACV-2 TX 1116
1638 unID-6 (MUF 89.1) 23 Es 1902 unID-2 2037 KCNC-4 CO 1252
1708 unID-3 CBS 24 Es 1902 unIDs-2,3,4,5 2045 unID-4
1740 unID-4 ABC 25 Es 1845 unIDs-2 NBC,3 ABC, 2059 KOET-3 OK 724
1838 KSNZ-2 KS 901 3 NBC,4,6

I'm working 0725-1555 M-F until 7/23, so I won't see any AM Es unless on weekends! 73s MATT.

Eastern TV DX July 1990

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 CDT			
May 1990			
6 MS 0547 KUSD 2 SD 754	27 ES 1329 KENW 3 NM 963	29 ES 2048 KENW 3 NM 963	
0549 KPRC 2 TX 668	1430 KACV 2 TX 838	2059 KVVU 6 NM 1008	
9 ES 2047 MUF 2 see notes	1502 KMTV 3 NE 611	30 ES 2102 KENW 3 NM 963	
14 Tr 2227 WTHI 10 IN 223	1514 MUF 5	2106 MUF 6	
2339 KAIT 8 AR 226	1521 KOTA 3 SD 1024	2125 opening ended quickly	
15 Tr 0006 WISH 8 IN 223	1600 MUF 6	31 ES 0959 KTVS 3 CO 926	
0009 WCPO 9 OH 250	had to leave	1858 KTVS 3 CO 926	
0013 WTVA 9 MS 198	2259 CFSS 3 SK 1237	1859 KBME 3 ND 1022	
0017 WTHR 13 IN 271	KMBE 3 ND 1022	KSWK 3 KS 799	
17 ES 0935 MUF 2	CBWFT3 MB 1087	NBC 5 UN-ID	
19 ES 0133 KWGN 2 CO 1029	28 ES 0017 KOTA 3 SD 1024	see notes	
20 ES 2040 MUF 3	0101 KDLO 3 SD 832	1933 KWNB 6 NE 827	
27 ES 1235 KIII 3 TX 851	0230 KENW 3 NM 963	1958 KLN 3 NE 743	
1259 KACB 3 TX 832	29 ES 0959 KVVU 6 NM 1008	2001 KTVS 3 CO 926	
1302 KMID 2 TX 919	KENW 3 NM 963	2044 MUF 7 CBS	
		2059 KRMA 6 CO 1029	

Notes: 5/9- First traces of ES this spring w/moderate CCI on 2. 5/27- The most active DX-day here in a long time, and I had to miss part of it due to social (ugh) obligations! KMID and KACV spottings were my first ever 'through' local WRRN (2) (xmtr only 4 miles according to JFC print out! 5/28-KOTA dominant and quite steady from midnight til about 0215 CDT. 5/31-UNID NBC (5) WNW (through local WTVF)..likely KIVV, KDLT, KFYR; ES APPEARED TO BE ACTIVE ON 7.. first time ever to see such activity but it looked and sounded like lo-V ES ...likely guesses are Hays or Pittsburg, KS or Denver. Hope the rest of the season is as good as the kickoff! See you at the convention in Manassas! 73's Tom

Bob Smolarek 156 Oldwick Road Whitehouse Station NJ 08889

DXing at Bill Kretschmer's house in North Syracuse NY May 1990

27 ES 1425 KARK 4 AR	27 ES 1800 KPRY 4 SD	28 ES 0000 WTVY 4 AL
1500 KETS 2 AR	2134 KGAN 2 IA	0052 KARK 4 AR
1758 KELO 6 SD	2225 WDAF 4 MO	0112 KJRH 2 OK
1800 KDLO 3 SD	2325 KDUH 6 NE	0125 KARK 4 AR
	2327 WREG 3 TN	

While visiting Bill for the memorial day weekend we were treated to hours of great E-Skip. Besides the above there were countless UNID's. Local CH 3 (WSTM-BN) was unwatchable at times! 73

Greg Coniglio 5100 Glenwood Drive Williamsville NY 14221

May 1990

14 ES 2308 WEDU 3 FL	28 Tr 0100 Ft Wayne Us-367	29 ES 1815 WEAR 3 FL
17 ES 1050 MUF 105.9	0130 WLIO 35 OH 310	1900 WLBT 3 MS
2000 WRBL 3 GA	1800 KFDX 3 TX	WDSU 6 LA
23 ES 1845 WPBT 2 FL	1900 KSNW 3 KS	Local!
1927 KATC 3 LA	2300 KOTA 3 SD	1904 WKRG 5 AL
1928 WLBT 3 MS	29 ES 1700 KTBS 3 LA	31 ES 1915 UNID 7
27 ES many stations in but concentrated on FM. Logged 15 states on FM. (!-BN)	local!!	zero to WKWB
	1800 KARK 4 AR	1917 UNID 8 PBS
	1812 KXAS 5 TX	1933 UNID 9 -(wow!-BN)
		zero to CFTO
		CH 2-6 Wipeout!!
		2100 KIII 3 TX 1470

E-Skip is finally picking up! Two good openings on the 27th and 29th, on the 27th there were definitely multiple cloud's, at least three. The MUF was reportedly very high that day too. Hope everyone has gotten some good skip! 73s Greg

(Ed note; Greg phoned in the outstanding stuff on the 31st so it could get here, Thanx Greg-BN

Rich Shaftan 39 Old Middletown Rd Rockaway NJ 07866

****NEW REPORTER****

****NEW REPORTER****

May 1990

27 ES 2254 KTVO 3 MO	29 Tr 0018 WMDT 47 MD	3 ES 1903 MUF 88.1
28 Tr 1614 WRGB 6 NY	cci-thru-WNJU	4 Tr 0009 WDCA 20 DC-s/f
2232 WSBE 36 RI	June 1990	also 22,24,26,45,50-DCMD
2249 WXNE 25 MA	2 ES 1444 UNID 6 CBS	0108 WOLF 38 PA
		0109 WLYH 15 PA
		0316 WHLLT27 MA

That dude from Joisey 98 Highland Ave Clifton NJ 07011 or PO Box 2999 Clifton NJ 07015 May; 23-MUF-4 @ 1905/27-MUF 92.5 @ 0915-88.1 @ 1430 /30-1930 WPBT-2-FL & WTVJ-4-FL floaters on locals. 31st-1800-KTAC-3-LA. June: 1st-2015 MUF 107.7/2nd @ 1040 KY-3-MD /3rd 1030 approx KMTV-3-NE. Been DXing FM a lot!



Eastern TV DX July 1990

John P. Combs, 1308 Willow Branch #24, Jacksonville FL 32205 (904) 389-2451

[New loggings underlined; distances shown for new loggings and selected relogs...]

MAY 1990
 [1 Tr 0100-0130] Miami, WPB U's (0500-0615) Mobile/Pensacola U's, KHTV-39 and KRIV-26 TX (825), WNOL-38 LA (491), WBRZ-2 LA (564), WAFB-9 LA (565), KATC-3 LA (635) 3/4 cb w/ "Good Morning Acadiana" (whatever that is) and program schedule; also some tentative AL and MS U's (10930+) Recheck--band full... just about everything within 350 miles in all directions in at once; from Miami to Moline, Miami, WPB U's, a gaggle of FL LPTV/xltrs like Vero Beach (206) [2 Tr 0550-0625] Columbia, Miami, WPB U's, a gaggle of FL LPTV/xltrs like W61B, W35AJ, W27AE, W49AI, W61AK, Mobile 10, 15, 21 (348-365), KHTV-39 TX (825) and tent. WNOL-38 LA [2100+] Columbia, WPB U's, W19AX Kissimmee ("Tourist Channel") zero-beat w/WLTX, so its offset is plus [8 Tr 2155] Columbia 19, 25 [12 Tr 0125+1] WPB U's, WPTV-5, W50AW, W27AE Sebring (198), W16AJ Melbourne (169), W19AQ Palm Beach (267); Miami U's weak (311-313) [Es 12201 unID-2 brief SC [14 Es 2236-2300+1] WGRZ-2 NY 15 Tr 0015] Columbia 19, 25 [0820+1] SC 10, 19, 23, 25, 27, 35, 38, 57; Charlotte U's (342-346); W65BI Augusta GA (222) Most of same SC U's as at 8820 [16 Tr 0825-0900] Many SC U's, Charlotte U's, WBTW-13 SC (312), WATL-36 GA, WNRW-45 NC (425), WCVB-23 VA (549) dual ID w/WHTJ-41! Nice! WRLH-35 VA tent.; also an unID-8 ABC--offset says probably WCHP rather than more desired VA stn! [1400] WJKA-26 NC (334) noted weakly [17 Tr 0115] Miami, WPB U's, W50AW [19 Tr 0930] W49AI, W61AK [21 Tr 0015] Very weak stuff: WKFT-40 NC (392), WHMC-23 SC, WITV-7 SC [23 Es 2040-2130+] CHBX-2 ON, CKCO-2 ON, WJMN-3 MI all tentative; CCI on 2 in/out rest of evening [25 Es 1225-1350] tent. XEPM-2, XERB-2; other unID Mexicans [26 Tr 0825] Columbia 19, 25 [Es 1140-1240] unID-2 TCM, other unID Mexicans [27 Es 1310 t/in-1500] A good one! KJRH-2 OK, KGAN-2 IA, KQTV-2 MO, KSNK-2 KS, KUSD-2 SD, KOET-3 OK, KMTV-3 NE, KOCO-5 OK (981), KOAA-5 CO (1410), WMAQ-5 IL (864), WQWT-6 NE, KOTV-6 OK, KBSD-6 Ensign KS (1176) w/ads for Dodge City & ID w/new calls; unID-6 Lawrence Welk @ 1404 EST--KMOS or ??? Lots of CCI on local WJXT-4 (unusual) and from 1337-1345 noted CCI on 7, tho nothing in on 2 meters or NWS freqs! (1500-2245) Es noted while mobile around Jacksonville on several checks [2245 t/in-0345] UNUSUALLY INTENSE LATE-NIGHT OPENING! KGAN-2 IA, KTVI-2 MO, WBBM-2 IL, WJBK-2 MI, WGRZ-2 NY, KSNK-2 KS, KJRH-2 OK, KDLO-3 SD (1327) w/lots of "KELO-land TV" IDs, WSLI-3 IL (649) w/ID 3/4 cb in much of night, KMT-3 IA, CBFT-2 PQ, WKTC-3 OH, KCVR-3 ON, KMTV-3 NE, KSNW-3 KS, KCTV-5 MO, WQWT-6 NE, and KTWQ-2 NY (1603) w/part of s/off inviting viewers to write to KTWQ address--state #34, E-skip #100, and my most distant Es from Jax yet! Many tentatives, including such needed stations as CKRN3-3 and CIII-6; also many, many unIDs in 0100-0300 period [28 Es 2110 t/in-2200] KUSD-2 SD, other unIDs [29 Es 1723-2200] CKPR-2 ON, WGRZ-2 NY, WBAY-2 WI, KGAN-2 IA, WJMN-3 MI, KCVR-3 ON, KDHL-3 MN, KLNK-3 NE, WFRV-5 WI, WCML-6 MI, WITI-6 WI (945) w/ID; tentatives on WDTN-2, WMMT-3, and WLNS-6 (latter 2 w/Tigers BB); embarrassed to say I fell asleep during brief break just after 2200 IDs, so I don't know how late it went on! [30 Es 1830-2245] KDTN-2 TX (910) w/beautiful signal for almost 2 hours, KJRH-2 OK, KQTV-2 MO, KACB-3 TX, KTBS-3 LA, KOET-3 OK, KOTV-6 OK, KCEN-6 TX, and a very tentative KDFW-4 TX (strong zero "floater" behind WJXT-4 while KDTN-2 was booming in...) [31 Es 0810-1230] WBBM-2 WI, KGAN-2 IA, KQTV-2 MO, KMTV-3 NE; probably others, but after 1030 or so most were // w/Gorbachev arrival, so didn't pay much attention [2040 t/in-2230+] KDLO-3 SD, WQWT-6 NE and several unIDs; opening quickly faded to almost nothing, tho Sittel had hi-band only 20 minutes before I t/in! Strong trop-enhancement didn't help, either...

The first few days of May saw the "leftovers" of the great April 29-30 Gulf tropo. Only other notable tropo of the month was WCVB-23... I was rotating to the West, assuming it was Pensacola that was QRming WHMC-23, when I saw the ID! E-skip has gotten off to a wild and wooly start with several notable openings, chief among them the opening of May 27/28, which is the best late-night Es ever witnessed by me. Channel 6 was still open well after 0200, and there were traces of KCTV-5 when I called it quits at 0345! There were far more unIDs logged than available single-hops, so there was likely more double-hop activity than I was able to ID! I stayed awake (and amused) by frequently returning to KSNK-2/KSNW-3 who carry the inimitable Gene Scott from 0100-0300 EST. Where else can you hear fine "Christian" songs with lyrics like, "Kill a piss-ass for Jesus, then kill a piss-ass for me!?" (The man is not for real...) Anyway, if skip continues in this fashion, this could turn out to be one of the best summers in a long time!

I hope there aren't too many typos in this report as I'm rushing to prepare it before leaving for the Outer Banks, where I'll be from June 3-10. I'll be staying with former WTFDAer (and still very occasional TV-DXer) Jim Alexander and a bunch of TV-DX equipment. I hope coastal tropo lives up to its reputation while I'm there but, if not, maybe there'll be some more great E-skip!

 ATTENTION ALL STATION ENGINEERS, TECHNICIANS,
 + OTHER COLLECTORS OF UNUSUAL VIDEO!!!
 Your BLOOPERS are wanted!!

Mike Stone (WBOQCD), editor of Spec-Com, the journal of the U.S. Amateur Television Society, is looking for new donations of TV bloopers, mis-cues, and outtakes for his Videotape Library--tapes available on loan to USATVS members. When Mike ran an ad like this in Spec-Com some time back, he was deluged with tapes of all kinds and formats from all over the country, with some of the funniest, most outrageous, and raunchiest bloopers you'd ever hope to see! (This is not the sort of stuff that gets on Dick Clark's TV show!) Well, Mike has finished editing all these tapes, and is convinced that they represent just the tip of the iceberg of what's out there. So, c'mon, guys! All you fellows that work in the broadcast industry, dust off those tapes you've got stashed away, and send a dub to Mike at P.O. Box H, Lowden IA 52555. Any format. And for information on Spec-Com (a great publication) write: The Spec-Com Journal, 1520 Cerro Drive, Dubuque IA 52001. It's great for those into ATV, those who want to be, or those just curious about Amateur television!

.OK Dudes, this stuff came after my deadline and after everything was written up so consider this page a AFTER DEADLINE**BONUS!!! More on MUF reaching CH 9!*****
Matt Stittel 220 Brookfield Drive Kingsport TN 37633 Part 2

May 1990	28 Es 1544 ColorVision 2	30 Es 2058 KFDX 3 TX 922
27 Es 1045 SS 2,4.CCI 5	Dom.Republic	2059 KACB 3 TX 1077
1101 TV6 3 CUBA	1700 TV6 6 CUBA	2101 KENW 3 NM 1210
1103 TV6 6 CUBA	1755 TV6 2 CUBA	2128 unID 5
1159 KMOL 4 TX 1037	1830 unID 4	2136 unID 6
1201 unID 2	29 Es 1758 KTWO 2 WY 1335	31 Es 1802 KIII 3 TX 1069
1229 KDFW 4 TX 864	1858 KUSD 2 KS 929	1819 unID 4 SS
1230 unID 5	1859 KPRY 4 SD 1062	1826 unID 2
1315 KRIS 6 TX 1065	1859 KOTA 3 SD 1209	1828 KGBT 4 TX 1146
1358 KCEN 6 TX 915	1859 KTVS 3 CO 1142	1829 KRIS 6 TX 1065
1458 KAMR 4 TX 1083	1911 KTIV 4 IA 844	1829 unID 6 SS
1458 KENW 3 NM 1210	1913 KAMR 4 TX 1083	1927 KYTV 3 MO 579
1459 KACV 2 TX 1116	1920 unID 3 PBS	1929 KFDX 3 TX 922
1459 KFDX 3 TX 922	1921 WOWT 6 NE 800	1932 unID 3 PBS
1529 KSWK 3 KS 1039	1926 KSNB 4 NE 872	1956 KBSD 6 KS 985
1529 KLBV 4 KS 1044	1929 KDUH 4 NE 1172	2017 unID 7 CBS
1559 strong CCI on 2	1930 KMTV 3 NE 800	2130 unID 4 NBC
1559 KSNW 3 KS 831	1947 KWNB 6 NE 1039	June 1990
1730 NBC 4,5.ABC 4,6	1955 unID 7	01 Es 1647 unID 6
1759 KPRY 4 SD 1062	1958 unID 9 ABC	1651 KDUH 4 NE 1172
1829 KXJB 4 ND 1065	2017 unID 6 PBS	1659 KOTA 3 SD 1209
1859 CKYB 4 MB 1264	2029 KCNC 4 CO 1252	2029 KATC 3 LA 721
1859 CBWFT 3 MB 1187	2034 KBSD 6 KS 985	2031 KJAC 4 TX 791
2059 KLNE 3 NE 955	2053 unID 5 NBC	2059 KBTX 3 TX 877
2206 unIDs 2,4	2129 KTVY 4 OK 839	2104 unID 4 CBS
2221 KBSD 6 KS 985	2153 KSNW 3 KS 831	2129 KENW 3 NM 1210
2313 KDLO 3 SD 982	2156 KAVE 6 NM 1255	2159 KACB 3 TX 1077
2322 KOTA 3 SD 1209	2157 KENW 3 NM 1210	02 Es 0003 KIII 3 TX 1069
2334 KSNW 3 relog	2221 KDFW 4 TX 864	0028 KMID 2 TX 1165
28 Es 0058 KSNW 3 KS 831	30 Es 1903 unID 2	0029 KMOL 4 TX 1037
0104 KBTX 3 TX 877	1904 unID 3 SS	0029 KPRC 2 KS 888
1429 TV6 3 CUBA	2057 unIDs 2,4	1958 unID 3 R-C
		2010 unID 2,3 CBS,4 R-C
		2017 KXJB 4 ND 1065
		2059 KLNE 3 NE 955
		2059 WDAF 4 MO 684
		2105 unIDs 5,6

I've never had so much DX in May before! Especially nice was the hi-band DX: The 9 running ABC news that did not end at 2000 (KUSA?) and the CBS 7 that was CDT(KAYS?). Note the new calls of KTVC:KBSD. Best of DX to all!

Christopher Dunne 21500 Johnson St Pembroke Pines FL 33029

May 1990 (No time given for logging-BN)
27 ES WDAF 4 MO 1024/29 ES KTBS 3 LA 756 & KDFW 4 TX 932/31 ES KWAB 4 TX 1237//9-KTPX
Hi everybody. Report #3 is here, but not much TV DX to report, because even though there was lotsa ES on TV this week (wk of 5/27). I couldn't sort out the signals! DX is from Belleview FL (11 mi S. of Ocala-BN)
Thats all folks! I have lotsa FM to report too! Hope you all had a ball DXing this week. 73s Chris
PAUL MOUNT PO BOX 126 LINCROFT NJ 07738

Equipment; Sanyo 12" Color TV Model 21C100, it's dual telescopic ant. for VHF, Radio Shack dual bowtie table UHF antenna, about 15 HAAT, elevation not yet known.

May 1990 June 1990
30 ES 1830 WPBT 2 FL 1010 2 Tr 0025 WMGM 40 NJ 108-s/f 2 Tr 0047 WBOC 16 MD 160
31 ES 1902 KATC 3 LA 1195 0040 WTX 20 CT 93 0100 WLVT 39 PA 64
running Kiss FM countdown show

Distances approx; will order my printout from Combs after I get a topo map for coordinates, and elevation as well. Being approx 37 Air Miles from my old location (Teaneck). I've started a new log + thus everything is new. Location is approx 26 miles SSW of World Trade Center, NYC and 58 NE of Roxborough (Philly). Still have to bring down that Teknika tuner.

Regular reception here Mostly NY/Philly 2,3,4,5,6,7,9,10,11,12,13, and on UHF 17,21,23,25,29,31,41, the 44/54 simulcast from Long Island : 47,50,52,55(though no LI FMs make it) (Paul you mean NO WORE or WBAB ? argh! Hi!-BN)
Still better than being 12 miles from NYC, Bill knows how that is too. (Yea my area sucks-BN). TVstays on as I DX DX FM (same here-BN) 73 PAUL

Just a couple of notes to fill out this page. Remember to send all your UNIDs to John Combs TV-CCI column, that column is there for our benefit so please take advantage of it! I hope this small type is OK, I did it with this size to save space and to fit more in at the same time. Let me know how it looks! Another thing, thanx to those who pointed out on my misuse of plural's Hi!. There has not been any skip since 6/3 today is 6/7. Lets hope ES picks up again real soon. Oh yea..... Please Report Promptly!!! Thanx!-BN

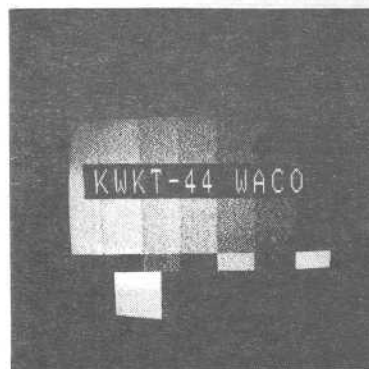
PHOTO NEWS

JULY 1990

Photos submitted to PHOTO-NEWS become the property of this column and will not be returned.

EDITED BY
David J. Nieman

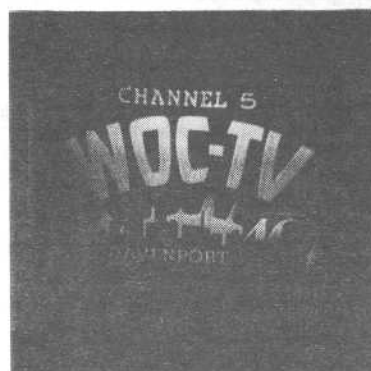
Had a little tropo early in the AM of June 13 to northern Illinois. It will be interesting to see what this months reporter; Bill Eckberg - Dixon, Illinois seen. Bill's DX equipment is a 1966 Zenith b&w TV model 14N22, modified Zenith 175-1962 detent tuner, Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with winegard PA4975 preamp on a 40 foot tower.



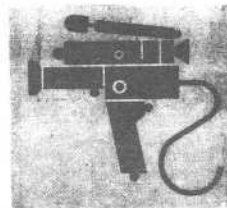
KWKT-44
Waco, Texas
825 mile tropo
seen September 19 1989
at 0545 CDTime



KNCT-46
Belton, Texas
863 mile tropo
seen September 19 1989
at 0555 CDTime



KWQC-6
Davenport, Iowa
61 mile groundwave
taken October 29 1989
"classic ID, 40th anniversary"



Thanks Bill for the tropo photos; it'd be interesting to see some of your latest E-skip catches. Its been a good skip season for us back east. So keep them fotos comin. Send them to: PHOTO NEWS - 12284 Nice Road - Akron New York 14001-9529

Till next time,

DAVE

NWS NEWS

IN THIS ISSUE:
 -NWS E-skip heard!!!
 -Various vacation NWS DX
 -New Weatheradio Canada stations on the air
 -An NWS station in Alaska's programming -AND MUCH MORE!

Matt Sittel
 220 Brookfield Drive
 Kingsport, TN 37663
 (615)239-9186...I'm home
 and up 5-10PM EDT M-F, and
 11AM-10PM Weekends.
 Deadline: 7/1/90 for 8/90
 NWS News column

July 1990

We've got a big column this time, as I've received quite a few reports plus I've got a lot of DX to report myself. Let's get started, shall we?

Bill Hepburn, 1211-1547 Mississauga Valley Blvd., Mississauga, ON L5A 3X8 CANADA

Just thought I'd let you know about some new stations we now have on the air...

XMJ-375 162.475 Little Current, ON (Sudbury studio)
 XLT-839 162.475 Goderich, ON (London studio day, Windsor night)
 XJV-492 162.400 Sarnia, ON (Oil Springs xmtr) (Sarnia studio day, Windsor night)
 XJV-363 162.475 Kingston, ON (Kingston studio day, Ottawa night)

These stations were funded in part by the "National Search and Rescue Program". The St. Catharines station has been put on hold. Future stations in the Cobourg and the Simcoe/Port Burwell areas are under discussion. (Thanks for that new info, Bill! -mcs)

Charles Gauthier, 3260 Beaulieu, Brossard, PQ J4Z 2P7 CANADA

NWS DX REPORT---Location: Lido Key, Sarasota, Florida
 Equipment: Realistic 12-141 Weatheradio

Local: KHB32 162.550 Ruskin/Tampa, FL 27 miles

MARCH 1990

11 tr 2200	KIH63 162.475 FL Orlando	116	On the 17th, I heard the warning alarm
	2230 KIH26 162.400 FL Daytona Beach	159	on local KHB32 for a severe thunderstorm
12 tr 0825	KIH24 162.400 FL Tallahassee	243	for the Tampa Bay metropolitan area, at
15 tr 1830	KIH24 162.400 FL Tallahassee	243	1520. (Charles apologizes to those who
	2315 WXX83 162.475 FL Fort Myers	66	have written to him and have not yet
18 tr 2345	KIH63 162.475 FL Orlando	116	received a response. He mentions that he
20 tr 2230	WXX83 162.475 FL Fort Myers	66	has had some health problems. He thanks
23 tr 1932	KIH24 162.400 FL Tallahassee	243	those who have written him and says he

can. I hope you're feeling better, Charles! Thanks for your fine report. -mcs)

Frank Merrill, PO Box 669, Macomb, IL 61455

I'll bet you've NEVER seen a promo item from a NWS station! I don't recall exactly what kind of place had it, but I picked it up when I briefly lived in Fairbanks in 1986.

(I'll print below the unique information, as many of these informative discussions about NWS stations tend to be almost the same in every one I've seen. -mcs)

"Weather forecasts and warnings are prepared and broadcast by meteorologists at the National Weather Service Forecast Office in Fairbanks. Programming for WXJ-81 includes public forecasts for Fairbanks and vicinity, the Tanana Valley and Denali Park (summer months). Updated weather summaries discuss what is happening around the state, what's causing our current weather, and what the future weather trends are. From September through May, we broadcast a motoring forecast for Alaska highways. During summer months, a recreational river summary and forecast for Tanana Valley rivers and streams is broadcast every 15 minutes."

"NOAA Weather Radio Station WXJ-81 is a very high frequency FM radio station which transmits at a frequency of 162.55 MHz from an antenna located on top of Ester Dome. This weather frequency is included with many multi-band portables..."

"If you have any questions or comments about Weather Radio, call us at 456-0247 or write: National Weather Service Forecast Office, Attn: Weather Radio, 101 12th Avenue, Box 21, Fairbanks, AK 99701."

(Frank also enclosed the coverage map of this station, which may appear somewhere in this or a future VUD. -mcs)

I do have miniscule DX to report:

FEBRUARY 1990

05 tr 2200 WXM78 162.450 IN Bloomington 240 <--Co-ID for WXJ58 Fort Wayne!
 2205 KEC74 162.550 IN Indianapolis 260

Matt Sittel, NWS News Editor

First, let me set straight the 162.550 SC NWS I've reported recently. It is Charleston, not Florence. Florence, SC is programmed from Columbia, and has different forecasts, voices, etc., than Charleston. Florence's forecasts are for the Midlands, Charleston for the Coastal Counties of South Carolina. Charleston/Myrtle Beach/Cross/Beaufort. This took a trip to South Carolina to figure this all out, and the trip DX report plus all the other DX from Raleigh, Kingsport, and vacation locations follow:

NWS NEWS, July 1990

APRIL 1990 Raleigh, NC DX:

01 tr 2316	KEC95 162.400 SC Myrtle Beach 123
02 tr 0637	WXL42 162.400 NC Winston-Salem 88
	2205 WXL42 162.400 NC Winston-Salem 88
05 tr 0758	WXL42 162.400 NC Winston-Salem 88
	0825 KEC95 162.400 SC Myrtle Beach 123
	2312 KEC84 162.400 NC New Bern 104
16 tr 0758	WXL42 162.400 NC Winston-Salem 88
17 tr 0847	KHB29 162.550 SC Charleston 200
	0848 KHB31 162.550 NC Wilmington 116
	0849 KEC95 162.400 SC Myrtle Beach 123
19 tr 0739	WXL42 162.400 NC Winston-Salem 88
	0809 KEC95 162.400 SC Myrtle Beach 123
	2230 KEC95 162.400 SC Myrtle Beach 123
20 tr 0827	WXL42 162.400 NC Winston-Salem 88
21 tr 0621	KEC95 162.400 SC Myrtle Beach 123
	2257 WXL42 162.400 NC Winston-Salem 88
23 tr 0741	KEC95 162.400 SC Myrtle Beach 123
	0751 WXL42 162.400 NC Winston-Salem 88
	2232 KEC95 162.400 SC Myrtle Beach 123
24 tr 0749	KHB29 162.550 SC Charleston 200
	2231 WXL42 162.400 NC Winston-Salem 88
25 tr 0759	KEC84 162.400 NC New Bern 104
	0836 KEC95 162.400 SC Myrtle Beach 123
	2231 WXL42 162.400 NC Winston-Salem 88
26 tr 0836	KHB31 162.550 NC Wilmington 116
	0836 KEC95 162.400 SC Myrtle Beach 123
27 tr 0508	KEC95 162.400 SC Myrtle Beach 123

APRIL 1990

27 tr 0731	WXL42 162.400 NC Winston-Salem 88
	0911 KHB29 162.550 NC Wilmington 116
	1010 KHB31 162.550 NC Wilmington 116
	1011 WXL59 162.475 NC Rocky Mount 66
	2053 KEC95 162.400 SC Myrtle Beach 123
	2341 KHB29 162.550 SC Charleston 200
28 tr 0036	KIG77 162.475 NC Cape Hatteras 187
	0038 KEC84 162.400 NC New Bern 104
	0038 KHB31 162.550 NC Wilmington 116
	0717 WXL56 162.400 NC Asheville 253
29 tr 0930	unID 162.400
	MAY 1990
01 tr 1034	WXL42 162.400 NC Winston-Salem 88
	2006 WXL42 162.400 NC Winston-Salem 88
	2259 WXL59 162.475 NC Rocky Mount 66
	2325 KEC84 162.400 NC New Bern 104
02 tr 0422	KEC95 162.400 SC Myrtle Beach 123
	1057 KHB29 162.550 NC Wilmington 116
	2325 KEC95 162.400 SC Myrtle Beach 123
03 tr 1832	KEC95 162.400 SC Myrtle Beach 123
	2136 WXL42 162.400 NC Winston-Salem 88
08 tr 0459	KEC84 162.400 NC New Bern 104
	0500 WXL42 162.400 NC Winston-Salem 88
	0501 WXL59 162.475 NC Rocky Mount 66
	0501 KHB31 162.550 NC Wilmington 116
	0546 KEC95 162.400 SC Myrtle Beach 123
	1345 left for Kingsport for summer

Plentiful DX, but nothing really spectacular, like on TV and FM. Still, it shows there was quite a bit of DX in April.

Myrtle Beach, SC DX: 4/12-15/90

Local: KEC95 162.400 SC Myrtle Beach 15
 12 tr 2211 KHB29 162.550 SC Charleston 88
 2211 KHB31 162.550 NC Wilmington 68
 (both of the above usually in)
 2221 162.475 SC Cross 81
 13 tr 1651 KIG77 162.475 NC Cape Hatteras 221
 (was still in at 2131)
 2140 WXJ22 162.550 SC Florence 61
 14 tr 2130 KIG77 162.475 NC Cape Hatteras 221
 2130 KHB29 162.550 SC Charleston 88
 2130 KHB31 162.550 NC Wilmington 68
 2130 162.475 SC Cross 81
 15 tr 0500 KIG77 162.475 NC Cape Hatteras 221

Thankyou to Greg Coniglio and his family for allowing me to stay with them during my visit. There wasn't a lot of DX on any band the whole time. WCJB-20 FL was about as far as we saw on TV. I had my scanner down there to DX NWS with. Both KHB29 and KHB31 seem to be in together at the same time; just turning the whip antenna can bring either one in. So when Florence tries to come in it can get to be a real mess! I still don't know the call letters for the NWS station in Cross; I suppose I should write NOAA to find out what they are.

Toronto, ON DX: 5/11-16/90

.400 KHA53 Rochester, NY 107
 .400 KEC58 Erie, PA 117
 .475 XMJ225 Toronto, ON 10
 .550 KEB98 Buffalo, NY 63

Plus, I received 161.650 Cobourg, ON and 161.775 Fonthill, ON Coast Guard radio. Distances: Cobourg 64, Fonthill 46. I kept noticing something like taxis or cellular phone noises kept cluttering the NWS band frequently.

Cambridge, OH DX: 5/17-18/90

.400 unID. (Charleston?) (116)
 .425 WXM72 Hinton, WV 170
 .450 WXM74 Sutton, WV 106
 .475 WXJ4 Caldwell, OH 19
 .500 WXM70 Spencer, WV 86
 .550 WXM71 Beckley, WV 157

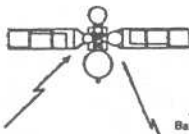
Cambridge is an interesting town to DX from. All of my NWS catches apparently fade in and out all the time if DX is up somewhat. My furthest FM catch was WSLQ-99.1.

Kingsport, TN DX:

MAY 1990

31 Es! 2017 WXX93 162.475 KS Dodge City 985. Boating tips, followed by ID. Apparently their transmitter is on KBSD-6's tower in Ensign. What a catch! You can imagine how excited I was, after reading about everyone else who has caught NWS Es. Now I have, too! Keep listening; if the season so far is any indication of how this season will be, NWS Es could happen again! Did YOU log any on this day or any other? If so, send it in! *Matt*
 NEXT TIME: Hopefully more NWS Es as DX '90 rolls along... '73's and super DX!!!

SATELLITE NEWS



GEORGE W. JENSEN
4604 Antenna Avenue
Baltimore, MD 21206-4220

Sorry about the lack of a column last month, but there were many equipment problems with the result that I decided to do some up-grading and changing. HQ will be glad to know that the next change will be a new typewriter.

Many minor changes in programming will be indicated in the yearly review lists coming in June and July (July and Aug. issues) thus only a few odds and ends this go-round.

Telstar 303 - It appears that this bird will almost exclusively be used for the TVN Pay-Per-View service which will use a Mac type scrambling. (This service will consume 10 transponders when fully operational) Spacenet 2 continues to grow more and more active. SCOLA is now on XPDR 16 Primary with testing on 1h (Mostly USSR I) A Sports Channel type of programmer is on XPDR 19. (KBL - Pittsburgh) XPDR is Telemundo (9) while 10 is the primary ECO feed from Mexico City. XPDR 22 occasionally has Swissair Airborne News put together from CNN.

Since last column the ESPN feed on PanAMSat Ku (Mac scrambled) has moved to C. CNN hybrid bi-lingual feed remains on Ku XPDR 15 in the clear. (With my new Uniden I hope to be able to be more accurate with Ku channel listings.).

Satcom 3 - XPDR 1h is no longer VISN, but a VCI Cable promo channel. VISN will remain on Satcom 3 but on another XPDR.

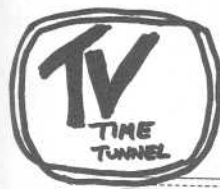
MovieTime is now called E! Entertainment TV. This is on Satcom 3 XPDR 15.

As reported in the current Orbit Magazine - SportsChannel services on Satcom 4 are moving around. More about this in the Yearly Wrap-Up next month. I just wish these channels would ID with specifics more often.

Orbit and other sources also report the following planned services and their start dates:

Southeast Sports - 1991
Career TV Network - 1991
In*Court - September 1990
Cowboy Channel - Fall, 1990
American Media Lawyer Channel - October, 1990
Chiller Channel - Halloween, 1990
Prime-Sports - Upper Midwest - November, 1990
Global Village Network - 1991
Sci-Fi Channel - Early 1991
How To Channel - Early 1991
Checkout Channel - Early 1991
K-Prime - Early 1991 (Pay-Per-View on K-1) also Superstations not using VCI
Sky Cable - 1994 - Ku service also not using VCI.

When Satellites and Transponders are known for these services I will pass them along. That's all for now - see you in 30.



THIS MONTH: Quickie Memory Joggers

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REMEMBER WHEN . . .

- ...You experienced the thrill of logging your first E-skip DX catch?
 - ...Most stations didn't begin programming until late afternoon and ran test patterns all day?
 - ...Cigarette commercials were as common as car ads are today?
 - ...Test signals almost always had an ID? Most U.S. stations used some version of the 'Indian Head' pattern while some CBS affiliates used the grey-scale 'bullseye'. [Note: Even then, many Canadian patterns did not include ID.]
 - ...Huntley and Brinkley were the hottest news team on the tube?
 - ...All TV sets were made in the U.S.?
 - ...TV's most famous chimp, J. Fred Muggs, was a regular on 'Today' with host Dave Garroway?
 - ...Most cities had only one or two stations on the air?
 - ...Host Jack Paar, disgusted by NBC censorship, walked off the set of the 'Tonight' show?
 - ...Receiver manufacturers included Westinghouse, Muntz, Hoffman, and DuMont?
 - ...There was no such thing as a transistor in tv circuitry?
 - ...16 MM movie cameras were the preferred means of news gathering?
 - ...Everything was telecast in black and white?
 - ...Stations were eager to confirm DX reports?
 - ...You watched in awe as the astronauts stepped onto the lunar surface from the Eagle landing craft?
 - ...Groucho's 'duck' came down to reveal the secret word?
 - ...NBC first linked the Atlantic with the Pacific via microwave relay?
 - ...TV receivers didn't have UHF tuners?
 - ...Ed Sullivan was the king of tv variety show hosts?
 - ...The CBS Evening News was a 15 minute offering anchored by Douglas Edwards?
 - ...Election returns were handwritten on blackboards, and erased to make way for updates?
 - ...Arthur Godfrey played his ukulele and touted the merits of Lipton Products?
 - ...FCC Chairman Newton Minow blasted American tv as a 'vast wasteland'?
- MEMORIES:** We all indulge in the recollection of simpler times and the pleasures of those fleeting moments in history!