

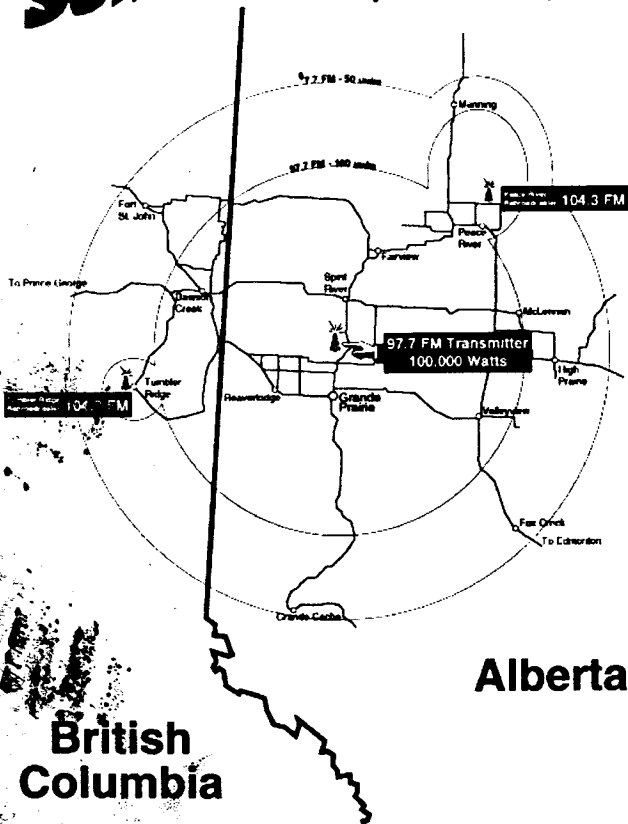
Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

OCTOBER 2000

97.7 SUN FM FM Coverage Map

Population 150,500



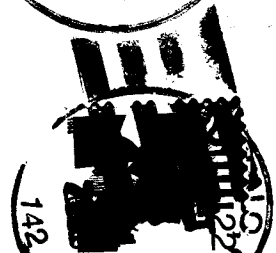
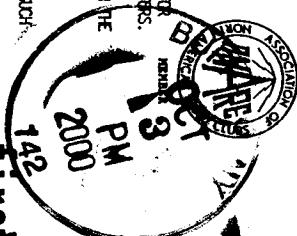
WORLDWIDE TV-FM DX ASSOCIATION
PO BOX 501 · SOMERSVILLE, CT 06072

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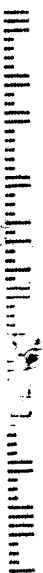
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WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

Editor/Publisher: Bill Thompson

Circulation: Mike Bugej *Comptroller:* Dave Janowiak

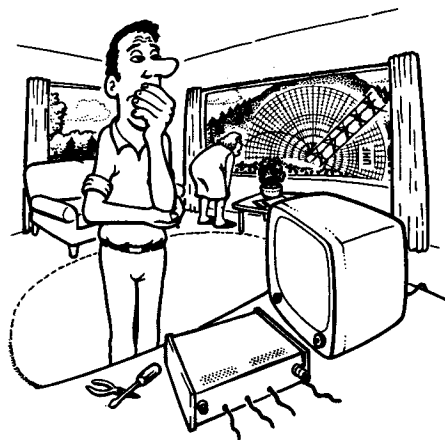
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FROM THE STAFF:

MEMBERSHIP DIRECTORY: Plans are moving ahead for publication of a list of WTFDA members. Unless we are requested to withhold any of the following data, listings will include name, city, location, and e-mail address (if available). We feel this is unobtrusive, yet will create an awareness of who and where our members are. If for some reason you wish to have your name withheld, you must notify Tom Bryant no later than October 31. Write or e-mail him at the addresses found on the "TV TIME TUNNEL" page.

QUIET ON THE FRONT: E-skip has pretty much skipped on out, Tr has begun to intensify, the Topica Forum on the web and via e-mail is a 'hot ticket', and the Delphi WTFDA chat nights are gaining in popularity. Since there are a lot of your reports and plenty of FCC happenings, this column will be abbreviated in order to make space for all of the more time-sensitive material available.



Dear, I may have found the reason you can't pick up anything with the dish.



WTFDA MAILBOX

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OCTOBER 2000

SEPTEMBER TROPO!

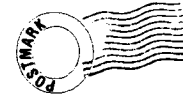
Well, the tropes were troping in September. For those of you who don't know, the midwest was hopping with some great tropo. One that comes to mind is Frank Merrill's and Neil Kazaross's catch of WETK-33 in Burlington, VT. Jeff Kadet had DTV tropo into Atlanta and of course Fernando Garcia had some great Gulf tropo. Even many of us on the east coast had some great tropo on Sept. 6th thru 8th. I myself had Roanoke, VA on 94.9 for four days. East coast Dxers are hoping that the tropo drought we experienced over the summer is over. This helps.

FORMAT CHANGE

In an attempt to try something different, I've gone over to a two column format for this VUD. If you like it and I like it, I might stay with it. Your comments are always welcome, so don't hesitate to tell me if this format stinks.

NEW MEMBERS

More new members this time. Let's say hello to John Coley, Jr from Lockport, NY. John is our



third member to live in Lockport. There must be something magical about that town. Also say hello to Steve White from

Clute, TX, Lee Freshwater from Ocala, FL (who joined for two years), Eugene Hinton in Porterville, CA, Steve French in Brooklyn Center, MN and last but not least, the one and only Glenn Hauser from Enid, OK. Glenn really needs no introduction, since Glenn is well known to AM and SW DXers, as well as the rest of us TV and FM types. Recently I found an old 1971 VUD down in my basement that had a column called Australasian Scene, written by Glenn. I wonder if he remembers writing those. Anyway, we're happy to have you back again, Glenn.

Also please welcome in new Associate Member Mike Prindle who lives on Long Island. Mike liked the WTFDA list so much he joined the club.

RENEWALS

We have plenty of renewals again. Welcome back to Mike Lazaro (NY), John Tudenham(MO), Scott Fybush(NY), Roderick Jorgenson(WI), John Bondurant(KY), Steve Sprachman(NY), Roosevelt Crawford(KS), George Green(OH), Greg Hardison(CA), Dennis Park Smith(CA) and David Shapiro(GA). Thanks for returning for another year with us!

BACK TO SCHOOL!

A couple of WTFDA members are heading back to the classroom this fall. David Shapiro(GA) is heading to the Univ of Arkansas for Graduate School and wondering if anybody has experience in Dxing from Little Rock. Ryan Grabow(NY) is starting at C.W. Post College on Long Island. Unfortunately for Ryan, he failed to pass his driving test, so it will be public transportation for his 35 mile trip to C.W. Post. I expect Ryan to pass his test and be driving soon.

ADDRESS CHANGES

A quick note here to mention that John Callarman has made the move from Mt. Vernon, IL to the metropolis of Krum, TX. John plans to retire in Krum and get back into DXing again. John was one of our WTFDA list subscribers, and we hope that when he's settled down and back online he'll be back with us there again.

New member David Flotman writes "Enclosed is my check for a 1 year membership. I really have gotten a lot of information from the website. I am using a small Crossfire antenna and am putting up a Channel Master 4 bay UHF antenna. I am located in Colombia, MO, right in the middle of the state".

From Glen Boche: "Glad to be coming aboard and enjoy a hobby I was into back in the 1960s". (Continued next page).



Eugene Hinton(CA) writes "I have been DXing Radio and TV since 1948. I am a member of the National Radio Club for about 16 years". Glad to have you with us Gene. Keep us posted on any changes you find in your area of CA. Gene is another proud owner of the WTFDA TV Station Guide.

John Vervoort(NY) writes, "During the past 12 years or so, I have discovered that certain or most video cassette recorders have amplification characteristics. Better Dxing results may be achieved by scanning channels with the VCR channel selector. Improvements are more noticeable on the video carrier as opposed to the audio portion of the carrier.

On VHF this process will probably work better in most rural or suburban areas, whereas in metropolitan areas the VHF band tends to be more crowded and a distorted signal may result. On UHF, scanning via the VCR should produce excellent results in both rural and urban centers.

Scanning by way of the VCR should be ideal for the weak end of a groundwave, E skip and tropo. I own a Zenith VRS70 manufactured in 1989. Sharp VCRs may also work well."

Joseph Smith(NY)...otherwise known as Joey...mentioned a while back he had a Probe 9 on his home with a broken rotor. Recently he had the rotor and antenna taken down. Joey says that it is very hard to DX from Binghamton with the strong stations and translators in the area, even using a MR-78.

HOW I STARTED DXING

And now our semi-regular series on how you folks began your DXing career. This time it's by Jeff Kadet.

I grew up practically in the shadows of WVDA (later WBOS) 1600 kcs in Oak Hill Park in Newton, MA and this must have imprinted "Radio" in my brain at an early age. My father was also an electrical engineer and he had stacks of old IRE magazines stored in the garage that I would rummage through.

My earliest DX recollection is when Louis Breslow, a family friend who lived a few blocks away, bought a portable TV over to our house. He set it up on the kitchen table and tuned in WTAO-56 in Boston. I remember thinking at the time "This is odd, a local TV station nobody knows about"

I got a Brownie camera for my 7th birthday in 1955 and some of the photos taken on the first roll of film were of TV antennas on top of neighborhood houses. I still have those photos.

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Another picture from that camera taken in 1956 has my (then) 1 1/2 year TV Guide collection spread out on a card table on the driveway.

It's now 45 years later and my interests haven't changed much. (whether that is good or bad is another story!)

USING TUNER AS PRESELECTOR

More from David Austin: "Just to let everyone know... Bill Hepburn's tuner-passive-selector project worked for me too! Here's what I did:

I just "roughed-in" the impedance matching portion of this project to establish that it was going to work for me. Splicing together wires, soldering, etc. will come later.

I attached a 300-to-75 ohm balun to the "input" portion of the tuner. Coax cable from the antenna is going into the tuner now. I left the 300 ohm portion of the input long, in case I messed up and needed to strip more wire; I will shorten this when I am ready to make everything permanent. The "output" portion has a funky little coax cable, thinner than 52 ohm coax, that I stripped with scissors set into it "just so" --- deep enough to pierce the plastic but not deep enough to start cutting the wire. Requires a steady hand. The inner wire is VERY thin, solid like "regular" coax (whether 75 or 52 ohm), but so thin I thought I'd sheared away part of it. I hadn't. Anyway, I stripped this down and screwed a Channel Master RG59 end onto it (screw-on cable ends are the cheater's way, I know, but they're so damned easy!). It is a bit loose because the coax is so much thinner than RG59 cable. That can probably be resolved by wrapping tape around the cable itself to "fatten it up".

Before all this, I opened up the tuner and didn't find any of the "gangs" Bill refers to. It just looks like a bunch of gears and differentials (again, I'm a bit hazy on the technics of all this). I didn't mess with it and closed the box back up.

Moment of truth: I had the antenna going into it and the output going into the receiver (via an A/B switch which I use to switch between my VHF/UHF log periodic and another antenna). BINGO! It's about two channels off. That is, to tune in channel 19 (WLTX-19 whose tower is visible from the road we live on), I turn to channel 21 on the tuner. Turn past 21 in either direction and it nulls out considerably".

LAST BUT NOT LEAST...Let me know if you like this two column layout. Membership is at 271 with at least 150 of you having email addresses. Keep in touch...don't forget to write! -Mike

I WANT MY DTV ?

The WTFDA List was Talking about Digital Television in September

The Topic

**Decision could limit tapes of TV broadcasts.
Studios fear free digital recordings would fill Net**

"Federal regulators are expected next week to clear the way for Hollywood and cable TV systems to limit consumers' ability to make copies of programs in the emerging digital world.

"Critics of the Federal Communications Commission's proposed ruling are especially concerned that it could allow studios to prevent many of the 230,000 consumers who plunked down up to \$10,000 for digital TV sets from watching high-definition pictures.

"As a result, the MPAA plans to degrade the signal to standard-definition TV - a lesser-quality picture that is still better than analog TV - to at least discourage illegal copying.

Then, **Bill Hepburn** wrote " Bill Hepburn wrote: Wow..that'll really help sell HDTVs !! "Buy this set and you can see you Dawson's Creek in sparkling hi-rez HDTV. ""What about blockbuster movies and sports you ask? Oh come on, who (do) you think we are, Santa Claus? We're not going to show you that in HDTV; and especially if you paid a premium PPV fee to see it." Isn't that the point of "upgrading" to high definition in the first place ???!!! That'll go over real well.

And **Tom Bryant** replied " Y'know, I think that's really the whole point of this thread. WE (dxers) are hearing all these tales of horror about DTV and quickly learning that DTV is loaded with flaws...yet the consumers don't know a thing about limitations or possible drawbacks. Everyone seems to believe, as someone pointed out earlier, that if it has the word DIGITAL it its' name, it's automatically better. If there was mass exposure of the realities of DTV (as it is now) there would be howling from every corner of the country. It would, I believe, be safe to assume that the vast majority of members of congress don't know what DTV is...much less the fact that it seems to be flawed. I doubt that the FCC Commissioners "really" know much about what's happening with DTV out in the "real world"; and probably a lot of broadcast engineers aren't aware of many of the quirks. Yet the implementation of this electronic equivalent of a Boeing 767 with a piper cub engine blindly forges ahead full tilt. There are sure going to be a lot of very angry people somewhere down the pike!

And **Bill** wrote again " From the real-life reception observations brought forth by some of our club's DTV DXers (seeing strong DTV snow but no decoded picture)..it is obvious that Joe Public might lose the ability to do something else with HDTV..CHANNEL SURF !! Think about it. If it is so fussy, it means that if you live in an area where the stations you watch are in different directions, then you may see nothing on 1/2 of your channels in one direction..and nothing on the other 1/2 when pointed the other way. Our Toronto-Buffalo market is a perfect example. Will there be any direction where you can watch all of your regularly watched stations? And if there's some tropo enhancement, you might even lose any of the ones that you can manage to normally see when not directly pointed at them. All I can say..holy HDTV Batman...

And **Tom** came back with in part "(I suspect the very issue Bill brings up may be much of the reason why channels 50 and 58 are planning on placing their DTV antennas on the same tower as channel 17 & 30's DTV operations, rather than staying at their NTSC sites far from any other Nashville station). A question I'd have from the DTV DXers: When you do select a channel containing a strong, easily decodable DTV signal.. How long does it take to begin decoding? Is it instant upon selecting the appropriate channel, or does it take a few seconds? (that might be even more of an impediment to DTV channel surfing...)

To which Tom Replied: "Maybe rotors and those horrid UGLY dishes will indeed make a major comeback. My question is WHY THE H*LL DON'T THEY DITCH THIS INFERIOR PIECE OF CRAP SYSTEM *NOW*? The longer it stay in place the more money it's going to cost everyone in the long run. (But, silly me; that's exactly what the equipment manufacturers wanted in the first place, isn't it?) Sheesh...it's maddening...and like a runaway train there doesn't seem to be any way to stop it.

Chat now on Delphi.com Tues & Fri at 10pm ELT. Check out our message boards.

Http://www.delphi.com/wtfda/chat

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Jeff Kadet then answered "With the Hauppauge card it is NOT an instant decode. It would be impossible to channel surf DTV as fast as with NTSC. I think (not sure) it uses the same Phillips chip as all the other decoders. I also think I read where they are trying to "resolve" this problem. If they're like the Hauppauge card any channel can be programmed for NTSC or DTV, or both (or none). I only program in DTV channels if there is something on those channels likely to be loggable. You can also name any channel anyway you want so it will show that name when you go to that channel. I named ch. 41 NTSC "41", and ch. 41 DTV "41DT", etc. etc.. If a viewer in Cleveland wanted to they could name WEWS-DT-15 as "5" (their NTSC channel).

Then Dave Pomeroy replied "I do about the same thing that Jeff Kadet does in that I only program in the DTV stations that I think I have a chance to receive. However, it does not take long to program in another channel. I did not think I could get DTV channel 41 in Dallas due to KSHB-41. When I logged DTV 35 from DFW and had DTV snow on 41 I programmed in DTV 41 and eventually was able to decode it. I don't use the Hauppauge tuner for NTSC DX as it does not perform as well as the tuner in the set I do most of my DX'ing on. There is usually a delay in tuning decoding a DTV signal. Scanning, at least with the tuner card I have would be impossible. However, on some occasions the DTV signal is there when I first tune a DTV channel so may- be it will be possible. I probably would have missed KMSP-DT 26 the first time I saw it as I wasn't looking for it. I did have DTV 26 programmed as I thought I had a chance for Madison. My only local DTV is KCPT-DT 18. I usually have to wait for it.

Eric Bueneman wrote "Eric Bueneman wrote: Why couldn't they just simply transmit a digital picture on the audio carrier of an NTSC station? Just as logical, and no additional cost for new sets or converters (unless, of course, one prefers the digital picture)."

And Doug Smith answered "Not sure I understand what you're asking. The audio carrier is allowed very roughly 600KHz at the top of the TV channel. Some of this is a guard band, against mutual interference between the audio and the color sidebands, and between the audio and the video of the upper adjacent channel. Much of it is, of course, necessary for the sound! I suppose it would be possible to transmit a digital signal on the analog audio ala IBOC. With heavy compression, it MIGHT be possible to transmit a standard-resolution picture on this digital signal. IMHO 50/50 chance. No opportunity for high definition, ancillary data, or multicasting. (except that the IBOC signal could carry a different program from the analog). Maybe more important... Such a signal could not be carried on cable. It "might" not generate harmful interference to upper-adjacent-channel stations 60-80 miles away. It almost certainly "would" generate harmful interference to upper-adjacent-channel signals in a cable system. The cable operator would need to demodulate the signal and remodulate it without the digital signal attached. And, cable subscribers could not receive the digital signal."

In response to a post about the testing of various antennas for their suitability as hdtv antennas, Rich Wertman said "in response to what Wallace Dixon wrote about the review on antennas for hdtv. Who writes these things anyway? Haven't these people heard of Winegard/Channel Master/TDP/Blonder Tongue or Cometic. I really don't believe much in Radio Shack quality. And why is it these people who are doing all these hdtv tests think they are going to get anything with indoor antennas like Terks. You don't see all those massive uhf arrays in Europe for nothing!!!! Get a real antenna and try it. NUFF SAID

And Doug Smith replied " Many Americans will not, for aesthetic reasons, accept an outdoor antenna. It simply will not be considered. Even if they themselves would accept it, their spouse may be loudly opposed, or their neighbors. Often, deed restrictions prohibit them. (FCC rules override this, but a expensive & time-consuming legal battle may be necessary to prove that. Most folks will simply give up.) If an indoor antenna like a Terk won't work, these people won't bother with DTV. The technical superiority of a decent (not RS) rooftop antenna is obvious. Unfortunately, non-technical factors inhibit their use.

THREE GREAT RESOURCES

The WTFDA reflector at Topica.com www.topica.com/wtfda

The WTFDA Forum at Delphi.com www.delphi.com/wtfda

The WTFDA Website at www.anarc.org/wtfda

TRAP THAT PEST!

USING 75 OHM COAX TO TRAP OUT OFFENDING STATIONS

The following article was written as a solution to the problem of Jorge Aloy, who finds himself with a pirate radio station on 88.3 mhz close to his home and blocking out much of his DX reception. It was written by Steve Harrison of Shrewsbury, MA (Ko0U) and is used with permission. It appeared on the WTFDA email list/reflector a short time ago. One of Steve's suggestions is a 75 ohm trap cut to 88.3:

Fortunately, 88.3 is near the bottom of the band so any trap can tuned slightly lower in frequency to reduce any attenuation ABOVE 88.3 MHz. The required bandwidth of the trap is also very narrow, roughly 100 kHz at 88 MHz which, on the good side, means the narrower the trap, the less attenuation in the rest of the band; but on the down side, the trap MUST be fairly narrow or it WILL attenuate more than just the pirate's frequency.

He could try a trap made of 75 ohm coaxial cable, made just the same way as one made of twinlead. That may do the job but it will probably also not be narrow enough, causing attenuation far above and below 88.3 MHz. I assume that his tuner has the ubiquitous F connector; unless he can find a Tee adapter so he can plug the antenna into the Tee and the adapter into the tuner, then the trap into the third port of the Tee, he will have to strip coax apart and solder the center conductor and shields together.

How long should the trap coax be? Depends on what type of coax he has. Foam dielectric (which is white foam-looking) coax has a velocity factor of 80%, which means that a length of cable that resonates at some frequency is about 20% shorter than the free-space wavelength. If the cable has polyethylene dielectric (the basically-clear plastic stuff), the velocity factor is around 67% meaning the cable will be about 1/3 again shorter than a free-space wavelength.

The wavelength of 88.3 MHz is found by dividing 300 by the frequency in megahurts as
Lambda (meters) = 300/FREQ (MHz)
= 300/88.3
= 3.3975 meters

An open-circuited trap (the far end is NOT shorted) has to be a multiple of one-quarter wavelength long. Here, let us use one-quarter wavelength (although you can also make the trap 3/4, or 5/4, or 7/4, etc. wavelengths long). So we divide 3.4 meters by four to get 0.85 meters (or, for norteamericanos, about 33.5 inches). This is the FREE-SPACE quarter-wavelength at 88.3 MHz.

Now, if his coax is foam dielectric, he should multiply that times 80 %, or 0.80 to get 0.68 meters length (26.8 inches) of his coaxial trap.

Or if his coax has the plastic polyethylene dielectric, he should multiply times 67%, or 0.67, to get 0.57 meters length (22.4 inches) for the coaxial trap.

If you don't have a F Tee adapter and have to connect the coax shield and center conductor together the hard way, then the trap should be made by cutting a length of coaxial cable about two cm (about an inch) longer than the above length. If you DO have the Tee adapter, make the coax the length calculated above with no extra. The cable should be cut to within about a half cm or less (about 1/4 inch or so). Then strip the outer insulation off without cutting the shield wires. Next, twist the shield wires together neatly into one bundle. Then strip off half the exposed center dielectric to expose the center conductor. Do the same for the antenna cable, and for a very short cable to plug into the tuner. Then twist all the shields together, and all the center conductors together. If you have them, you can avoid soldering the cable by using ordinary electrical wire twist-caps (used to join electrical wires in junction boxes and the like).

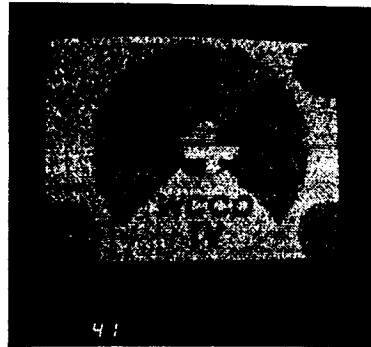
If you have a signal-strength meter on the tuner, you can cut the cable somewhat longer than calculated and then trim it, in about 1/2 cm increments (1/4 inch). Watch the meter very closely with the tuner at the frequency where you want the trap to attenuate. Trim the far end of the trap cable and you should see the signal strength meter go through a sharp dip then, as you make one more cut, it will begin increasing again. That is the actual resonant frequency of your trap. Be certain that you are watching the SIGNAL STRENGTH meter, NOT the CENTER TUNE meter. The Center meter will NOT fluctuate as you tune the trap because it measures the tuner's frequency with respect to the received signal frequency, NOT the signal strength.

WTFDA CHAT ON DELPHI.COM...IT'S Like a Mini DX Convention On-line

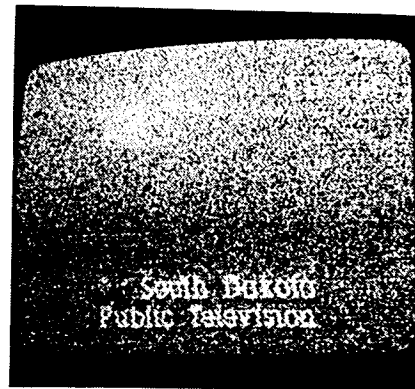
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October 2000

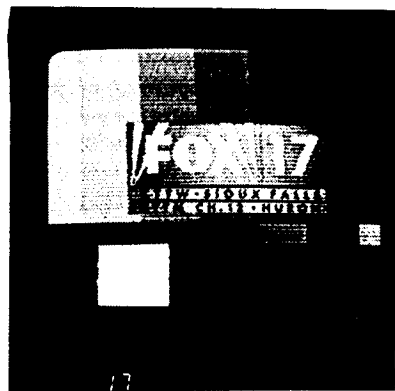
This month we feature photos from regular contributor Bill Eckberg of Dixon, IL:



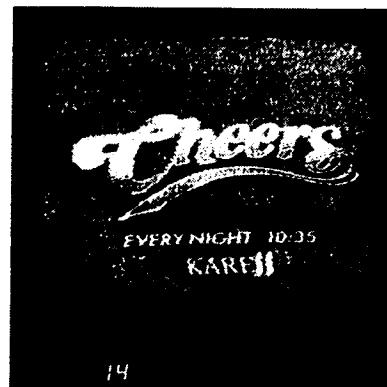
K41EG Jackson, MN
309 mi Tr seen 1/31/99
@0335 CST
"1.8 kW xtr of WCCO-4"



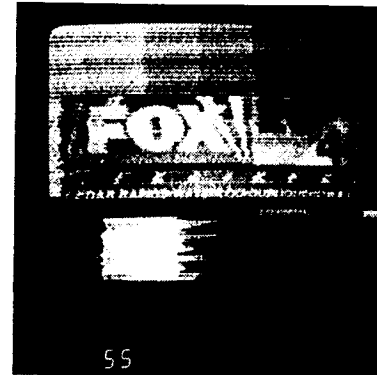
KTSD-10 Pierre, SD
566 mi Tr seen 1/31/99
@0400 CST



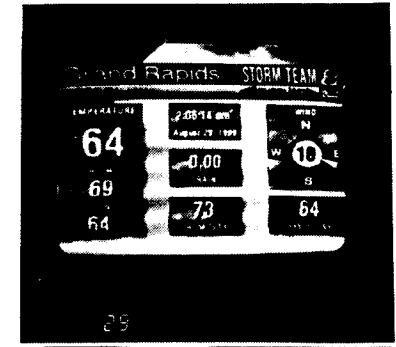
KTTW-17 Sioux Falls, SD
383 mi Tr seen 1/31/99
@0430 CST



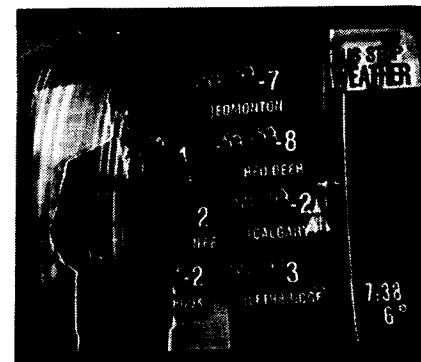
KLKS-LP-14 Breezy Pt., MN
404 mi Tr seen 1/31/99
@0440 CST
"xtr of KARE-11"



K55AP River Falls, WI
278 mi Tr seen 1/31/99
@0505 CST
"xtr of WHWC w/KOCR-28"



WOMS-LP-29 Muskegon, MI
189 mi Tr seen 8/29/99
@0105 CDT
"LWS weather & WOOD-8"



CKAL-5 Calgary, AB
1293 mi Es seen 1/5/00
@0845 CST

Now some from yours truly:

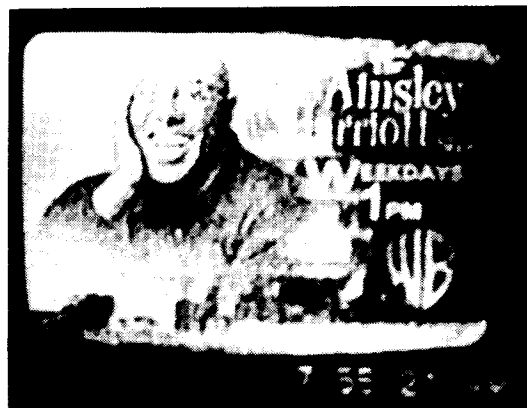
Equipment: 1982 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/RDX Labs UA-900 preamp for UHF, Channel Master 1114 Crossfire w/RDX Labs UA-702 preamp for VHF, both @20 ft. AGL. DX videotaped w/Sony Handycam model CCD-TR91.



KTVE-10 El Dorado, AR
220 mi Tr seen 1/00



WTOM-4 Cheboygan, MI
 1110 mi Es seen 10/16/99
 @ 1717 CT
 "October Es!"



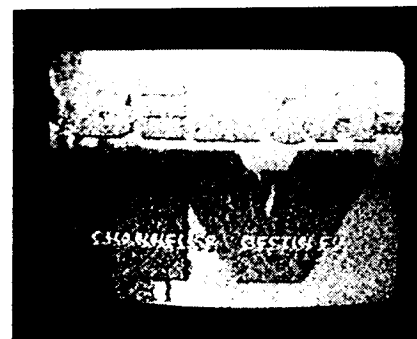
WWWB-34 Campbellsville, KY
 580 mi Tr seen 5/18/00
 @0755 CDT



WKGB-53 Bowling Green, KY
 525 mi Tr seen 5/18/00
 @0730 CDT



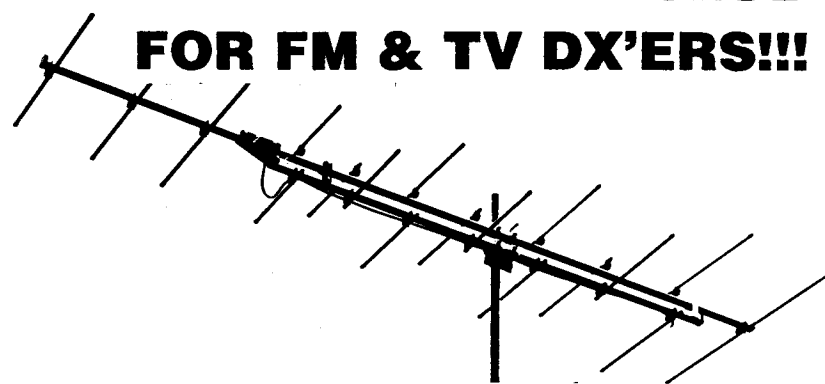
WCBI-4 Columbus, MS
 425 mi Tr seen 5/17/00
 @2148 CDT
 "rare"



WAWD-58 Ft. Walton Beach, FL
 260 mi Tr seen 1/10/00
 @ 2228 CT
 "Beach TV"

73's, JPB

**W.T.F.D.A. -- THE CLUB
 FOR FM & TV DX'ERS!!!**



TV News

October 2000

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Applications for new LPTV stations

AR	Newport	45/30kw	MT	Helena	46/25.4kw		
AZ	Casa Grande	27/1.18kw		Stanford	51/1.23kw		
	Flagstaff	53/24.4kw, 46/0.15kw	NC	Wanchese	51/85kw		
	Globe	3/0.075kw, 38/1kw	ND	Bismarck	35/7.28kw		
	Kingman	23/1kw	NE	Bassett	49, 54, 30, 20,		
	Parker	28/16kw		Broken Bow	28/116.4kw		
	Prescott	20/5kw		Alamogordo	52/116.4kw		
	Yuma	45/20kw	NM		50/6kw, 6/3kw,		
CA	Apple Valley	29/8kw		Carrizozo	3/0.075kw		
	Bakersfield	57/9.82kw, 18/9.98kw		Chama	46/0.702kw		
	Barstow	14, 20/25.1kw		Clovis	40/1.2kw		
	Blythe	14/7kw		Fort Sumner	2, 4/3kw		
	Chico	40/40kw, 48/5kw		Ruidoso	15/0.269kw		
	El Centro	34, 30, 27, 18/150kw		Kennetcook	4, 5/3kw		
	Palm Springs	20/1.46kw, 31/50kw,	NS	Wallace	15, 23, 25/0.02kw		
		10/3kw		Gouverneur	26, 40, 46, 51, 53/0.02kw		
	Red Bluff	27/20kw	NY	Ogdensburg	9/0.475kw		
CO	Akron	8, 11, 13/0.258kw		Ardmore	20/0.4kw		
	Anton	39/0.562kw, 51/0.525kw,	OK	Bend	38/50kw		
		57/0.48kw	OR	Klamath Falls	47, 28/7.28kw, 24/25.8kw		
	Aspen	25/5kw		Medford	50/7.28kw, 50/25kw		
	Breckenridge	2/0.1kw, 10/31kw		Ponce	44/10kw		
	Grand Junction	30/10kw	PR	Rapid City	36/6.31kw		
	Holyoke	27, 29/3.714kw	SD	Watertown	45/150kw		
	Idalia	14, 20, 22/0.59kw		Gatlinburg	44/10kw		
	Julesburg	45, 50, 52/0.665kw	TN	Abilene	46, 28/15kw		
	Maybell	45/0.108kw	TX	Amarillo	17/10kw, 44/50kw		
	Wray	54/0.615kw		Big Spring	52/16.7kw, 27, 52/15kw		
	Yuma	30, 42/2.685kw		Fort Stockton	48/27kw		
FL	Gainesville	8/0.3kw		Lubbock	21/20kw		
	Key West	42/20kw		Lufkin	2/3kw		
	Live Oak	26/150kw		Midland	39/7.19kw		
	Panama City	15/20.5kw		Odessa	5, 4/3kw, 52, 54/15kw		
	Summerld. Key	50/24.1kw, 29, 42/150kw		Pecos	5, 11/3kw		
	Yankeeetown	43/10kw		Plainview	48/20kw		
GA	Tifton	62/0.16kw		San Angelo	24/10kw		
GU	Agana	22, 24/0.97kw		Sweetwater	26/4kw		
HI	Hilo	26, 32/150kw, 59/10kw		Tulia	48, 49, 41, 22, 27/10kw		
	Kahului	44, 38, 49, 46/50kw		Wichita Falls	55, 57/0.886kw		
	Kailua-Kona	58/10kw		Bicknell	40/1kw		
ID	McCall	41/0.338kw, 20/0.23kw	UT	Cedar City	34/1.5kw		
	Pocatello	41/0.004kw, 43, 49/7.38kw		Fremont	43/0.147kw, 12/0.009kw		
	Rexburg	43/0.079kw		Henrieville	12/0.009kw		
IL	Quincy	24/4kw		Logan	22/0.008kw		
KS	Hays	43/10kw		Moab	10, 8/3kw		
LA	Leesville	43/1kw		New Castle	20/5kw		
	Monroe	47, 50/13.7kw		Santa Clara	49, 51/0.246kw		
	Montgomery	51/1kw	WY	Casper	42/0.745kw		
	Sulphur	6/0.25kw		Cheyenne	44/26.2kw, 7/3kw, 31,		
MD	Ocean City	19/10.5kw		Jackson	44/150kw		
	Salisbury	49, 33, 19/50kw		Laramie	40/19.4kw, 51/10kw		
ME	Bangor	31/5.11kw, 52/10kw		Rock Springs	26, 44, 48, 39/25kw		
MO	Jefferson City	30/6.22kw		Sheridan	47/1kw, 41/10kw		
	Moberly	48/30kw		Shoshoni	41/7.28kw		
MS	Columbus	12/1kw, 29/20kw			9/0.85kw, 31, 29, 50, 36,		
MT	Bozeman	40/24.8kw			43, 39/8kw		
MT	Great Falls	51/150kw			30/1.19kw		

Applications for new stations

St	Ch	ERP	Call/HAAT	City/applicant	Latitude	Longitude
TX	52+	5000		Blanco; Univision	30-19-33	97-47-58

This is the first TV permit to be issued as the result of an auction.

Construction permits granted for new stations

St	Ch	ERP	Call/HAAT	City/applicant	Latitude	Longitude
LA	11*	70.8	307	New Orleans; WYES-TV 12	29-57-13	89-56-58
LA	31*	200	274	New Orleans; WLAE 32	29-58-57	89-57-09
MI	24+	5000	201	Ironwood; A.J. Fant	46-25-25	90-14-53
MO	39*	885	323	St. Louis; KETC 9	38-28-56	90-23-53
OK	46-	150	170	Norman; Norman TV LLC	35-12-06	97-35-25
OR	5*	6	816	La Grande; KTVR [13]	45-18-35	117-43-57
SC	8*	43.7	533	Columbia; WOLO [25]	34-06-59	80-45-50
SC	43*	50	302	Spartanburg; WRET [49]	34-53-10	81-49-16

New-station applications dismissed/denied:

OK	Norman	46; 9 apps	PA	Carlisle	59(LPTV); 1 app
ON	Toronto	15; see Other Stuff			

LPTV Displacement Applications

NY	Nyack	WRNN-LP	57->35+
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LPTV Displacements Granted

AR	Siloam Springs	K33FG	69->33	NY	Easton	WVBX-LP	39->47
	Winslow	K09XE	63->9		Glens Falls	W47CM	14->47
CA	Modesto	K68FZ	61->68	OH	Defiance	WDFM-LP	19->52
IA	Ottumwa	K1000	62->10	OR	Powers	K19ES	61->19
ID	Coolin	K11UN	13->11	UT	Salt Lake City	KUCL-LP	26->52
MN	Duluth	KDUL-LP	60->12	WA	Pasco	KBWU-LP	66->52
NM	Forest	K34EZ	65->34		Puyallup	K54GS	69->54
	Gallina	K48GD	61->48				
NV	Las Vegas	KTVY-LP	63->55				

LPTV Displacements Dismissed/Denied/etc.

CA	Coalinga	K48DY	48->15	UT	Orangeville	K62BL	62->19
MS	Tupelo	W45BD	45->47				
NV	Dayton	K13PD	13->30				

LPTV Displacements On The Air

AL	Montgomery	W14BV	61->14	IL	Champaign	W58DA	34->58
AZ	Phoenix	KDRX-LP	64->48	IN	Evansville	WEOA-LP	67->50
CA	Oceanside	K33FZ	60->33	LA	Shreveport	KADO-LP	15->40
	Santa Rosa	KDTV-LP	25->28	NM	Ruidoso	K49EW	61->49
FL	Daytona Beach	W57CV	42->57	NV	Schurz	K36FF	64->36
	Sarasota	W24AT	48->24	UT	Manti	K34AN	33->34
	Stuart	WTCN-LP	16->15	WI	Green Bay	W49CB	68->49
GA	Waycross	W46BZ	54->46		Sheboygan	W20AG	16->20
IA	Cedar Rapids	K17ET	61->17	WV	Wheeling	W56DX	62->56
	Davenport	K61HD	58->61				
	Muscatine	K62FU	52->62				

Changes granted to existing stations:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
ON	60	CHWI-TV-60	Windsor	5.8			
TX	38-	KSCE	El Paso	5000	610		

Applications to change existing stations:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
ID	12+	KTRV	Nampa	200	802	43-44-40	116-06-33

Technical changes on the air

St	Ch	Call	City	What happened
AL	15z	WHDF	Florence	increase power 1700=>2510kw, tower height 223=>431m, move 74km east-northeast. New tower site is in Tennessee.
IA	14z	KMEG	Sioux City	increase power 1000=>5000kw, tower height 351=>596m, move 6km NE.
LA	10z	KLFY-TV	Lafayette	decrease tower height 530=>527m, increase power 309=>316kw.
MT	12z	KTVH	Helena	increase power 117=>209kw & tower height 686=>706m.
NC	26-	WSFX-TV	Wilmington	decrease power 4370=>2340kw.
NE	6z	KWNB-TV	Hayes Center	increase tower height 216=>221m, correct coordinates.
NV	21+	KVWB	Las Vegas	increase power 427=>2570kw, decrease tower height 383=>368m
PA	22z	WCWB	Pittsburgh	decrease power 5000=>3800kw
SC	25-	WOLO-TV	Columbia	increase power 3550=>5000kw, tower height 253=>518m, move 21km east-northeast
TX	33+	KDAF	Dallas	increase tower height 518=>520m, move 5km south-southwest
VA	66+	WPXW	Manassas	decrease power 4370=>3400kw, increase tower height 168=>190m.
WI	18z	WQOW-TV	Eau Claire	decrease power 1150=>912kw, increase tower height 226=>280m, move roughly 25km southeast.

New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AR	34+	454	188	KWBS-TV	Eureka Springs	36-26-30	93-58-25
AR	64+	24.5		K64FO	Fayetteville	36-08-50	94-11-14
CA	65-	680	902	KTTV-DT	Los Angeles	34-13-29	118-03-48
CA	26z	9.33		KSFV-LP	San Fernando Vly.	34-12-48	118-03-41
FL	22-	1000	392	WOFL-DT	Orlando	28-36-13	81-05-11
FL	27z	5000	569	WRDQ	Orlando	28-16-44	81-01-25
LA	25-	10.8	295	WLPB-DT	Baton Rouge	30-22-22	91-12-16
MD	52-	602	311	WMAR-DT	Baltimore	39-20-06	76-39-03
MI	62-	200	323	WWJ-DT	Detroit	42-26-52	83-10-23
MN	12z	0.25		KDUL-LP	Duluth	46-47-30	92-06-59
MN	26-	691	415	KMSP-DT	Minneapolis	45-03-30	93-07-27

NV	7-	16.5	598	KLAS-DT	Las Vegas	35-56-44	115-02-33
OH	10-	3.5	304	WOIO-DT	Shaker Hts.	41-23-15	81-41-43
SD	21-	?	?	KNBN	Rapid City	?	?
TX	21z	20		K21DT	Beaumont	30-02-09	94-08-31
WA	56z	3980	695	KWDK	Tacoma	47-30-17	121-58-06
WI	55z	5000	327	WFXS	Wittenburg	45-03-22	89-27-54

WFXS-55 is the Fox affiliate for Wausau.

The CP for KNBN-21 doesn't currently appear in the FCC database, only the four applications from which the CP was chosen. I don't know which one was granted.

Stations off the air

MO St. Louis K21OD; K49FC
OR Roseburg KTVC [36]

Call changes

AK Anchorage	K18CS=>KYEX-LP	MT Bozeman	K49FG=>KXZB-LP
CA Hemet	K53DU=>KHEM-LP		KCTZ [7]=>KBZK
HI Honolulu	K62EF=>KIHO-LP	Missoula	K46FP=>KMTM-LP
ID Pocatello	K24EV=>KPID-LP		K69HY=>KXZM-LP
Rexburg	K59GN=>KRXZ-LP	NC Lexington	WBFX[20]=>WTWB
Twin Falls	K58FR=>KTID-LP	OK Shawnee	KAQS [30]=>KQOK
	K43FK=>KTWT-LP	VA Mappsville	W36BK=>WPMC-LP
MN Minneapolis	KVBM[45]=>KSTC	WI Ashland	W25CA=>WAST-LP
MT Bozeman	K64FS=>KBBM-LP		
	K50FN=>KBZV-LP		

Programming changes

Call	Location	Programming
K29CO	Green Valley, AZ	sold from Hispanic organization to religious group.
KSFV-LP [26]	San Fernando Valley, CA	new, testing with ID color bars.
KMAS-TV [24], KMAS-LP [3], KSBS-LP [67], K34FB	Steamboat Sprs., Estes Park, Denver, Pueblo, CO	to Telemundo.
KWWF [22]	Waterloo, IA	new station to be UPN when built.
K68BC	Lewiston, ID	sold to KSPS [7], PBS.
W08CM	Rockford, IL	sold to religious organization.
W12BK	South Bend, IN	from WCIU [26] to WBND-LP [58], ABC.
K36DS	Alexandria, LA	America 1 and home shopping.
K67FD	Shreveport, LA	from home shopping to test pattern w/ID.
K56EH	Cebolla, NM	new station; KOB [4], NBC.
K58AZ, K61BO, K62AP, K68BI	Nolan, NM; Bayfield, CO; Pagosa Sprs., CO; Sunetha, CO	sold from KNME [5] to KASA [2], Fox.
KKJK-LP [19]	Las Vegas, NV	HTVN.
KYRK-LP [35]	Las Vegas, NV	Website suggests it's religious, though a local reporter isn't seeing anything.
KVPX-LP [59]	Las Vegas, NV	sold to TV Azteca (U.S.).
W31BP	Oneonta, NY	Shop-At-Home.

Fernando Garcia saw two unIDs out of Louisiana. One on channel 61 on a New Orleans heading had TCT religious programming; is this WLPN-LP New Orleans? The other on channel 36 had America One and home shopping; Fernando later ID'd this as K36DS Alexandria.

According to Bill Hepburn, the independent stations in Alberta (CICT, CISA, CITV, and CITV-1) joined the Global network on 4 September. Note that this includes a common Midwest skip target, CICT [2].

Dave Sinclair reports new KWDK 56 on the air in the Puget Sound area. John Jefferson is also seeing this station. Dave also reports that the CRTC has denied an application for a new multilingual over-the-air TV station in Vancouver. Finally, he included an item (unfortunately the photo wouldn't reproduce) of the KVOS [12] transmitter site as it existed in 1958. The article, from the Bellingham *Herald*, claims KVOS' owners built the first "commercial cable television station". (Others claim cable got its start in the mountains of eastern Pennsylvania) KVOS' owners wanted to have a substantial television audience - watching Seattle's channel 5 - before going to the expense of building a local station at Bellingham. The cable system went online in 1949, followed four years later by KVOS' own station.

Both Dave and John are seeing some strange things on KBEH [51]. Dave quotes the screen:

Attention 031

This is a special event which is not available for purchase. Channel up or down, or for further information, press the "info" button.

John has seen a DirecTV error screen on KBEH. It sounds like they're using DSS as their source for programming.

John points out another mystery which I can't answer. He says KHCV [45]'s engineer told him they're located on West Tiger Mountain, on a tower accommodating three other stations - KWPX [33] and KBEH [51] are two. The third... is KWDK [56]. To my knowledge, the FCC regulations still prohibit full-power stations less than six channels apart from being less than 20 miles apart; how channels 51 and 56 can be accommodated on the same tower I can't answer!

Dennis Smith forwarded an item from the Santa Barbara *Independent*. KEYT [3] sold their LPTV Fox affiliate KKFV-LP [24] to KCOY [12] for \$15 million and moved technical operations to a regional hub in Bakersfield. Five management jobs were lost in the consolidation - not all of them quietly. The paper reports the station's chief engineer was forcibly escorted from the premises...

Tom Yingling forwarded an interesting URL. <http://www.antennaweb.org/antennaweb/> allows one to enter their address and get a map, showing the directions from your home to each area TV transmitter. Might be just the thing if you're planning on moving...

While searching for DTV information on the Web at work, I stumbled across an interesting product offered by Motorola. The MCT5100 is a metal box 4-1/8" by 5-1/8" by 1-3/8". Feed it a 8VSB signal at 41.25MHz (IF), and it outputs analog audio, video, and sync signals. The intent is to allow easy addition of DTV capabilities to existing analog TV designs. Since I know you'll ask... Considerable knowledge of electronic engineering and microcontroller programming would be necessary to use the module - and that's provided you could talk Motorola into selling the things in single-unit quantities... (The document also gives no idea of the price)

Last week, the Nashville local stations became available to DirectTV subscribers. To keep tabs on my employer's signal on the system, we installed a dish & receiver. (Not generally difficult, though the instructions were lacking some valuable information. We found ourselves pointed at the wrong satellite, because they didn't say that one should expect to see signals on every transponder.) Anyway, the picture quality is quite good. But... The satellite signal is approximately five seconds delayed from the analog terrestrial signal! 1/2 second of that can be blamed on the satellite hop. The rest just about has to be the result of the data compression used. One can expect similar delays (though hopefully not quite as extreme!) in terrestrial DTV signals. These encoding delays are quite a problem for internal station operations.

Thanks also to John Ebeling & Jeff Kruszka for information appearing elsewhere in this month's column.

For the first time since moving to Tennessee, I observed an auroral opening on 17 September. I hope you folks up north landed something interesting as a result - I was busy with a ham radio competition & didn't pay much attention. There have been intermittent reports of excellent tropo, here's hoping you got in on them wherever you are...

K48GO [61], K44FH [67], K22FC, K47GI [65], K56EW, K23EX [42], K52EE, K56FN, K17EZ [67], K57FS	Cave Junction, Coos Bay, Grants Pass, Grants Pass, Klamath Falls, Medford, Medford, Merlin, Rogue River, Roseburg, OR	all 3ABN, with occasional local programs. ("Better Life Television")
W51CY	Chambersbg., PA	sold to WBDC [50], WB.
KCCX-LP [50]	Corpus Christi, TX	sold to TV Azteca (U.S.).
KVAW [16]	Eagle Pass, TX	sold to new HTVN network.
KLDT [55]	Lake Dallas, TX	sold to new HTVN network.
K55HW	Laredo, TX	sold to TV Azteca (U.S.).
KLPN-LP [22]	Longview, TX	UPN // KTPN-LP Tyler
KWDK [56]	Tacoma, WA	new, Daystar religion.

Forum & Other Stuff

I can't explain why the sudden burst of applications for new LPTVs. Judging from the fact that few if any are mutually exclusive, I would guess these are the results of the first round of LPTV spectrum auctions. Note that many of these are of substantial power on low-band VHF, and should "skip out" during Es openings.

The CRTC has issued a call for comments on a procedure for licensing LPTV stations in urban areas. Rural LPTV has existed in Canada for many years, but except for a short-lived operation in a Montreal suburb they have not existed in the country's major cities. (Some might argue that CITY-TV's original operation on channel 79 in Toronto was a LPTV, though really it was intended more as a cable channel!) Canada's must-carry regulations require a cable system to carry any station whose transmitter is within 15km of their service area. (About 10 miles) In rural areas, this makes sense, but in a major city it can result in the carriage of a LPTV station well beyond its over-the-air service area.

Officials will be studying whether these urban LPTVs should be required carriage; should they be required only within their over-the-air service areas; should required carriage wait for the implementation of digital cable (which greatly expands channel capacity). They will also study whether special ownership and programming regulations should apply to these stations. (Should for-profit operation be allowed? Should the Canadian content regulations be stricter? Should these stations be required to originate more programming locally than is required for full-power operations?)

This whole issue was brought up by an application from a Toronto resident to build a LPTV station on channel 15 to serve an area known as "The Beaches". The station has already operated on an experimental basis as VX9AMK. (and was logged by Saul Chernos and Bill Hepburn though I don't think anyone saw it outside Canada) The application for a permanent license was denied, on the basis that, under existing rules, it would achieve cable carriage well beyond its licensed service area - and that it would be financially unable to produce the promised local programming without that wide cable carriage.

Neil Kazaross in the Chicago area saw W12BK on tropo. He reports they're 50KHz high in frequency and "they put funny CCI on WISN". WOCK-LP [13] in Chicago has disappeared from Neil's dial. Neil also reports K62FU (Muscatine, Iowa)'s move from channel 52.

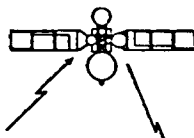
Eric Bueneman reports the two dark LPTVs in St. Louis. K210D has applied to move to channel 60, and K49FC to either 13 or 48.

Jeff Kadet had a tropo opening in the direction of Columbus, Nebraska but didn't see the wireless-cable LPTVs there. Maybe they're gone?

Chip Kelley forwarded a report from KXAN in Austin, Texas; they expect their DTV facility on channel 21 to be operating by the time you read this.

Dave Pomeroy reports that KSCC [36] Hutchinson, Kansas should also be operating by the time you read this. Pictures of their tower under construction can be found on <http://www.upnkansas.com>.

SATELLITE NEWS



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Promised a few months ago, I can now list the audio-subcarriers that are up there. These are becoming fewer and fewer in recent years.

Satcom C1

- transponder 2 - 7.50 - People's Radio Network
- transponder 3 - 5.58 - Reading Service of the Colorado Rockies
- 6 - 5.58 - Church of the Latter Day Saints Radio
- 7 - 8.00 - CRN - Cable Radio Network
- 14 - 5.8 - talk Radio Network

Satcom C4 -

- Transponder 8 - 5.8 - background Music
- 24 - 7.38/7.56- WSM - 650 - Nashville, Tennessee

Galaxy 1

- Transponder - 11 - 5.4 - Wewn - Birmingham, Alabama
- 5.58/5.8 - Wewn - Spanish
- 7.2/7.4 - miscelan.
- 17 - 5.58 - Amerinet - WGTG - McCaysville, Georgia
- 7.9- WNMx - 106.1 FM - Waxham (Charlotte)NC

Satcom C3

- Transponder - 7 - 5.2 - World Radio Network
- 5.4 - NNC World Service

Galaxy 5

- Transponder - 2 - 5.58/5.76 - KLON - 88.1 - Long Beach - Cal
- 8.2 - Cable radio Network
- 5.58/5.76 - KTBN - Trinity Broadcasting radio
- 6.8-Music Channel
- 5 - 7.56 - CNN Radio News
- 6 - 6.43 - Brother Staires Radio Network
- 6.2 and 6.8 - World radio Network - Various
- 7 - 6.3/6.48 - WFMT - 98.7- Chicago, Illinois
- 6.8 - Yesterday USA Superstation
- 5.58/6.12 - WCPE - 89.7 - Wake Forest (Raleigh) NC
- 17 - 7.56 - CNN EN Espanol
- 18 - 7.38 - WWTN - 99.7 - Nashville (Manchester) Tenn
- Supertalk FM
- 20 - 5.9/6.10 - Rap Music
- 7.38 - unknown
- 5.56/5.76 - Soul Music
- 22 - 6.2 - CNN News

ANIK E2

- Transponders - 1 - 6.12 - CBC Radio One
- 5.35/5.55 - CBF - FM
- 5.75 - CBC Radio News

GE Americom 4

- Transponders - 14 - 6.2/6.8- WQXR - FM 96.3 - New York, NY
- 7.8 - Antenna radio - Greel Service
- 16 - 5.8- WQXR - FM 96.3 - New York, NY
- 19 - 5.8 - American Freedom Network (KHNG
- 1360 - Johnson, Colorado/KTMG - 1370
- Deer trail, Colorado)

Galaxy 4 -

- Transponders - 15 - 6.48 - WHPZ - Pulse FM Bremen, Indiana
- 7.46 - World Harvest radio Services
- 7.64 - World Harvest Radio Services
- 7.82 - World Harvest radio Services
- 16 - 7.30 - strange Music - NO ID

Galaxy 11 -

- Transponders - 6 - 7.2 - Cable Radio Network
- 12 - 7.5- Radio Tropical - French
- 14 - 7.32 - R A I Radio - Rome, Italy
- 7.7 - Republic Radio International

GE Americom 3 -

- Transponders - 9 - Talk America 1 and 2 - 6.8 and 5.41
- Intelsat 806 -
- Transponder - 31/28 - 7.00 - Radio Nacional de Argentina
- Buenos Aires, Argentina

And now the usual revisions ----

- Satcom 4 - XPDR 2 - now MSNBC VC2
- 16 - Infomercia
- Satcom 3 - XPDR 616 - Discovery People - now Color Bars
- Telstar 7 - XPDR 16 - Kingdom Vision Network
- 400 - color bars with IMN 800 sound
- Galaxy 9 - XPDR - 4 - Starz - East VC2
- 8 - Starz - West VC2
- 12 - Starz Theater - East VC2
- 16 - Encore - East VC2
- 20 - Starz - Westerns - East VC2

I MISSED 2 SUBCARRIERS FOR G9 - here they are

- XPDR 2 - 5.4 - Truth Radio Network
- 7.3 - Genesis Communications
- Galaxy 5 - XPDR 10 - CNBC - VC2
- 13 - no longer CNBC ?
- Galaxy 10 - XPDR 9 - is now the 4DTV Download frequency
- on the KuBand side - XPDR 20 - occ. - Intercable Communications
- Satmex 5 - continues in digicipher 4DTV flux ----
- 807 - XEIPN - Teleonce - Ch. 11 - Mexico City, Mexico
- 808 - Gobierno de la Republica
- 809 - Gobierno de la republica

ANIK E2 - Ku -

- 396 - C-PAC
- GE Americom 1 - XPDR 19 - America's Voice back here from C4
- GE Americom 4 - XPDR 400 - Fox Sports Midwest
- 401 - Fox Sports North West
- 402 - Fox Sports Arizona
- 403 - Fox Sports South
- 404 - Sunshine Sports
- 405 - Fox Sports West
- 406 - Fox Sports South west

Telstar 5 - MPEG 3991V - VTV4 - Hanoi, Vietnam 4

Galaxy 3

- delete - 21- GEMS Shopping Channel -not noted lately
- That's it for this month. Let me know of any changes you see or items that I have missed - Help is appreciated.
- Good DX - see you in 30. "73's

Change 9.9.00



FM NEWS

OCTOBER 2000

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KEY TO ABBREVIATIONS:
&: satellite programming
AF: New frequency allocation accepted for filing for a new FM license
AFA: American Family Association
CC: call letter change
CL: city of license change
CX: a construction permit has been canceled
C1, C2, etc.: a change in status to that FM license class
DA: directional antenna
DE: station has been deleted
FC: format change
GA: granted amendment to the table of FM allocations
GE: granted extension of construction permit

GX: granted replacement of expired permit
LC: license to cover filed (means station is ready to come on air)
MC: multiple-city legal ID
NC: no change yet on a reported change/permit
ND: non-directional antenna
NO: not on the air
NS: new station granted
NW: new station signs on
OSA: one-step application granted for change
PA: proposed amendment to change FM table of allocation
PC: power change on the air (">" for increase, "<" for decrease, when known)

PG: power change granted (">" for increase, "<" for decrease, when known)
QC: frequency change occurred
QG: frequency change granted
RA: silent station returns to air
RE: station requests extension on permit
RX: station requests replacement of expired permit
SG: slogan change or update
SI: station is silent
XA: dismissed amendment to FM allocations
XC: transmitter site change occurred
XG: transmitter site change granted



UNITED STATES

ALABAMA:

Camden: W207BN 89.3 NS-10w: WJFM
Eufaula: W205BX 88.9 NS-13w: WJFM
Florence: WFIX 91.3 CC (ex WBHL), FC to cont. Christian "The Fix"
Gadsden: WSGN 91.5 PC> 6.3 kW (v), 522', DA, C3, XC: 34-04-29 / 86-01-11
Greensboro: *NS 99.1 25 kW, 328 ft.
Greenville: W212BR 90.3 NS-27w: WJFM
Hamilton: W211BP90.1 NS-27w: WJFM
Homewood: WRLR 97.3 adds Lex & Terry
Rogersville: WYTK 93.9 CC (ex WFIX), FC to a/c
Tusculumbia: WLAY 100.3 inc. to 692', XG: 34-40-23 / 87-42-53

Valley: WRLD 95.3 inc. to 328 ft.
Warrior: WBHK 98.7 PC<9.4 kW, 1125 ft.

ALASKA:

Homer: K204EJ 88.7 NS-23w: KWJG
Kenai: KWHQ 100.1 FC to ABC hot ac (&)
Soldonta: KKIS 96.5 reported SI (Kenai)

ARIZONA:

Douglas: KEAL 95.3 FC to reg. Mexican (&)
Mesa: KZZP 104.7 adds Rick Dees
Yuma: KTTI 95.1 PG> 50 kW, 246 ft.

ARKANSAS:

Bentonville: K214DU 90.7 NS-130w: KAWZ
Cherokee Village: KFCM 98.3 PG> 25 kW, class C, 646', XG: 36-21-58 / 91-28-35
Fayetteville: KBNV 90.1 NW, AFA cont. Christian (&)
Turrell: KKLK 94.7 CC (ex KSUD) "K-Love"

CALIFORNIA:

Alameda: KXJO 92.7 FC to reg. Mexican
Anaheim: KFSH 95.9 CC (ex KXMX), FC to cont. Christian (&) (Los Angeles)
Atwater: KJMQ 92.5 XG: 37-16-41 / 120-37-35
Bayside: KZPN 91.5 PC> 550w, 505 ft.
Carlsbad: KMXN 95.7 SG "Mix 95.7" Hot AC
Dunnigan: KLNA 105.5 FC to urban (Sacramento)
Freedom: KPIG 107.5 PC> 5.4 kW, 338 ft.
Garden Grove: KIKF 94.3 SG "Cool 94.3"
Goleta: KKSBB 106.3 SG "Hits 106.3"
Goleta: K213?? 90.5 NS, w/KAWZ-ID
Grass Valley: KNCO 94.3 SG "Star 94.3", hot AC
Gridley: KMJE 101.5 SG "Magic 101.5" hot AC
Healdsburg: KSXY 95.9 PG> 4.3 kW, 328 ft, DA, XG: 38-44-01 / 122-50-48



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October 2000

California:

Isla Vista: K254AH 98.7 NS, KPFK 90.7
Lompoc: KSMY 106.7 SG "Sly 96FM" // KSLY
Los Angeles: KMZT 105.1 SG "K-Mozart"
Merced: KAJZ 107.7 QG to 107.9, 7.6 kW, 600'
Mojave: KVV5 97.7 CC (ex KAVS)
Newport Bch: KBCC 103.1 FC to EXL Spanish CHR // KSSE (Anaheim)
Orcutt: KPAT 95.7 SG "Jammin Oldies"
Orland: KRQR 106.7 drops Mancow (Chico)
Paso Robles: KWSR 92.5 SG "Star 92.5" a/c
Red Bluff: KLVB 102.7 CC (ex KEGR), RA with K-Love cont. Christian (&) (Redding) "K-Love"
Redding: KISK 107.1 FC to top 40 "Kiss 107 FM"
Rosamond: KLIKX 93.5 FC to WW1 adult rock (&)
San Diego: KBZT 94.9 SG "Oldies 94.9"
San Diego: KLVN 106.5 SG "La Nueva"
San Jose: KUFJ 98.5 PC< 10 kW
Santa Barbara: XLTR 102.3 on with KCLU 88.3
Santa Barbara: KIST 107.7 SG "Kiss FM"
Santa Barbara: KMRO-2 90.3 is definitely on the air // KMRO Camarillo
Santa Barbara: K218CP 91.5 NS, KAWZ 88.9
Santa Barbara: K243AD 96.5 NS, supposed to be KEAR 106.9, but heard airing KCRW, unmod carriers, and TV audio
Santa Barbara: KMGQ 97.5 SG "Magic 97.5" with smooth jazz
Santa Margarita: KWVB 106.1 SG "Kiss 106.1"
Santa Monica: KACD 103.1 FC to EXL Spanish CHR // KSSE (Los Angeles)
Shasta Lake: KISK 107.1 FC to 80's classic hits
Yuba City: KXCL 103.9 FC to modern AC "Cool 103-9"

COLORADO:

Denver: KHHH 95.7 FC to CHR "Kiss FM"
Estes Park: KXUU102.1 CC (ex KRKI) "U102" FC to CHR (Denver), station moves xmt to near Boulder to now server Denver market
Evergreen: KXPK 96.5 FC to modern classics
Hayden: KRMR 107.3 NW, talk (incl. Don Imus)
Longmont: KCKK 104.3 FC to smooth jazz "Oasis"
Sterling: KPMX 105.7 QC from 105.5

CONNECTICUT:

Torrington: WAPJ 89.9 PC<40w, 276', XG: 41-48-08 / 73-09-50

DELAWARE:

Bethany Beach: WJNE 103.5 CC (ex WJYN) "Jane"
Laurel: WQJH 95.3 CC (ex WJNE) "Jamz"

FLORIDA:

Alachua: WNDD 92.5 FC to cla. Hits // WNDD 95.5 (Gainesville)
Chiefland: WNDN 107.9 FC to clas. hits // WNDD
Cross City: WKZY 106.9 FC to ad. Stds (&)
Five Points: WCJX 106.5 NW, rhythmic oldies (&) (Lakeland)
Miami: WTMI 93.1 drops jazz overnights
Naples Park: WBTT 105.5 CC (ex WQNU) "The Beat"
Charlotte Harbor: WIKX 92.9 PC> 100 kW, 807', CL from Punta Gorda, FL, XG: 26-53-47 / 82-14-27
Silver Sps: WNDD 95.5 FC to classic hits

GEORGIA:

Athens: WALR 104.7 FC to urban AC // WJZF, format change coming soon
Flinstone: W220DA 91.9 NS-10w: WAYF
Gainesville: WYAY 106.7 FC to country "Eagle 106.7" (Atlanta)
Hinesville: WHVL 104.7 FC to urban "Phat 104.7"
LaGrange: WALR 104.1 FC to urban AC "Kiss" (Atlanta) CC (ex WJZF)
Moultrie: WMTM 93.9 FC to oldies "Power 94"
Peachtree City: WMKJ 96.7 FC to dance-CHR "The Party" (Atlanta)
Sylvester: WWWSG 102.1 NW, testing, no format yet
Valdosta: WYZK 96.7 adds Lex & Terry

HAWAII:

Honolulu: KAHA 105.9 NW, stunting with sound of ocean waves
Kahalu'u: KLEO 106.1 inc. to 2995', XC: 19-43-16 / 155-55-15
Lanai: K205EB 88.9 NS-10w: KAWZ-ID
Wailuku: KAOI 95.1 FC to hot AC "I-FM" (Maui)

IDAHO:

Caldwell: KSAS 103.3 CC (ex KARO) "Kiss 103.3"
Franklin: *NS 97.5 100 kW, 26 ft.
Wallace: KSIL 100.7 PG< 5 kW, C2, 2207' XG: 47-33-44 / 115-50-33

ILLINOIS:

Columbia: KMJM 104.9 adds Tom Joyner (St. Louis)
Loves Park: WKMQ 96.7 RA with oldies "Oldies 96.7" (Rockford)
Macomb: *NS 95.9 6 kW, 328 ft.
Tuscola: WEBX 93.5 adds Mancow mornings

INDIANA:

Attica: WFWR 91.5 LC
Corydon: WSFR 107.7 drops Bob & Tom for Lex & Terry (Louisville, KY)
Delong: W215BL 90.9 NS-38w: WJFM
Edinburgh: WYGB 102.9 PG< 3.8 kW, 226', DA
Huntington: WEXI 102.9 FC to rock // WXKE 103.9
Marengo: WBRO 89.9 CC (ex WKLO)
New Haven: WJFX 107.9 PC> 3.2 kW, 453 ft, DA, XC: 41-01-26 / 85-03-51
Terre Haute: WZZQ 107.5 FC to modern AC "The Edge"

FOXY
107.9
JAMS

Wabash: WJOT 105.9 adds ABC oldies (&)

IOWA:

Clear Lake: KKKK 103.7 QC from 103.1, now C2, 25 kW, 187 ft.
Creston: K208EE 89.5 NS-100w, WJFM

KANSAS:

Dodge City: KOLS 95.5 FC to WW1 - AC (&)

KENTUCKY:

Cadiz: WKDZ 106.3 PG> 12.5 kW, 466', XG: 36-48-29 / 87-38-09

Paris: *NS 90.7 6 kW, 328 ft, DA
Stamping Ground: WLXO 96.1 dec. to 328', DA

LOUISIANA:

DeRidder: KBAN 91.1 dec. to 371 ft.
Erath: KRKA 107.9 drops Bob & Tom
Jackson: WXUN 104.5 CC (ex WBJJ), FC to modern rock (Baton Rouge), *X 104.5
Lacombe: WYLA 94.7 PC> 5.3 kW, 348', DA
Lake Charles: *NS 90.3 80 kW (v), 469 ft.
New Orleans: WVNO 89.9 PC> 85 kW, 748', DA, XC: 29-55-91 (?) / 90-01-29
Shreveport: KRED 102.9 reported SI
Shreveport: KRVQ 102.1 FC to urban "Hot 102"

MAINE:

Boothbay Hbr: WCME 96.7 FC to ESPN sports (&)
// WSKW 1160 (Portland)
Fairfield: WCTB 93.5 FC to ESPN sports (&)
// WSKW 1160 (Augusta)
Howland: WVOM 103.9 PC> 90 kW

MARYLAND:

Hagerstown: WWMD 104.7 FC to country // WAYZ-FM, new format expected soon

MASSACHUSETTS:

Northampton: WLZX 99.3 CC (ex WHMP), FC to rock "Laser 99.3" (Springfield)
Southbridge: WAFX 100.1 FC to classic rock
Winchendon: WINQ 97.7 PG<1250w, 433 ft, XG: 42-42-09 / 72-02-18



MICHIGAN:

Carrollton: WTCF 100.5 FC to hot AC "Mix 100"
Iron Mtn: *NS 106.7 1.7 kW, 623 ft.
L'Anse: WCUP 105.7 adds CD Country (&)
Ludington: *** 96.3 PA: add class A
Pentwater: *** 103.9 PA: add class A
Portage: WFAT 96.5 adds Rick Dees
Rose Twp: WMSD 90.9 LC
Traverse City: WICA 91.5 PG> 4 kW, 748 ft, DA

MINNESOTA:

Atwater: KKLN 94.1 PC> 6 kW
Blackduck: WBJI 98.3 OSA to C1, 100 kW, 456 ft, XG: 47-23-21 / 94-48-04
Duluth: KONI 90.5 PG> 2 kW
St. Peter: KRBI 105.5 FC to clas. rock (&) "The River" (Mankato)

MISSISSIPPI:

Grenada: WQXB 100.1 PG> 24.5 kW, C2, 708', DA, XG: 33-41-24 / 89-55-53
Sandersville: WKZW 94.3 PC> 50 kW, 492 ft, DA, XC: 31-25-50 / 89-08-51, CL from Bay Springs, MS
Tunica: WMPS 96.1 FC to adult alt. (Memphis)

MISSOURI:

Cabool: *NS 89.9 20 kW, 302 ft, AFA
Gallatin: KGOZ 101.7 FC to CD Country (&)
Hannibal: KJIR 91.7 PC< 9.2 kW, 518 ft, XC: 39-42-21 / 91-30-43
High Point: KBMF 89.9 PG> 18 kW (v), 325 ft, XG: 38-35-48 / 92-32-17
Kansas City: KRBZ 96.5 CC (ex KXTR), FC to modern AC "The Buzz"
Otterville: KOTT 107.7 NW, religion
St. Charles: KCLC 89.1 PC> 35 kW, 177', DA
St. Joseph: KKJO 105.5 inc. to 981', XG: 39-42-35 / 95-02-33
Scott City: KGKS 93.9 adds Rick Dees
Vandalia: *NS 104.3 6 kW, 328 ft.

MONTANA:

Cut Bank: KARW 102.7 dec. to 548', XG: 48-40-44 / 112-12-37
Livingston: KXLB 100.7 FC to country "XL Country"
Pryor: KPGB 89.3 LC

NEBRASKA:

Blair: *NS 97.3 25 kW, 328 ft.
Lincoln: KEZG 107.3 FC to modern AC "B107" (http://www.journalstar.com/local?story_id=1078)
McCook: KJKI 98.5 LC
McCook: KICX 96.1 PC> 55 kW, now C1, 318 ft.

NEVADA:

Boulder City: KSTJ 105.5 FC to 80's classic hits
Ely: KDSS 92.7 PG> 3 kW, 941 ft, C3
Hawthorne: *** 98.7 PA: add class C1
Las Vegas: KKLZ 96.3 adds Mark & Brian
Pioche: KBZB 98.9 PG> 100 kW, 1958 ft, XG: 37-27-40 / 114-27-55

NEW HAMPSHIRE:

Groveton: *** 101.5 PA: add class A
Wolfeboro: WLKZ 104.9 inc. to 1056', XC: 43-32-46 / 71-22-42

NEW JERSEY:

Blairtown: WHCY 106.3 FC to CHR "Max 106.3"

NEW MEXICO:

Artesia: K209EG 89.7 NS-10w: WJFM
Deming: KDEM 94.1 FC to WW1 A/C (&)
Deming: K208ED 89.5 NS-50w: WJFM
Los Alamos: KEFE-1 107.5 NS-3kW
Santa Fe: KZXA-1 94.7 NS-192w

NEW YORK:

Ballston Spa: WKKF 102.3 CC (ex WXCR)
Bath: WVIN 98.3 PC> 4.5 kW, 367 ft, XC: 42-19-06 / 77-21-27
Buffalo: WFBF 89.9 inc. to 180', DA, XG: 42-49-51 / 78-48-00
Fredonia: WBIX 96.5 CC (ex WCQA)
Garden City: WLIR 92.7 FC to a "modern rock / Eurodance" mix

New York:

Phoenix: WRDS 102.1 FC to country "Big Cow 102" (Syracuse)
Waterloo: WNYR 98.5 PC> 3.2 kW, 446 ft.
Windham: WRIP 97.9 CL from Jewett, NY

NORTH CAROLINA:

Asheboro: WKRR 92.3 SG "Rock 92" and "Classic Rock 92"
Biltmore Forest: WZLS 96.5 SG "Z96.5"
Burlington: WRSN 93.9 SG "Sunny 93.9"
Concord: WPEG 97.9 SG "Power 98"
Cullowhee: WWCU 90.5 PC> 760w, -771 ft.
Davidson: WDAV 88.9 SG "Classical 89.9"
Forest City: WTPT 93.3 "The Planet"
Gastonia: WBAV 101.9 SG "V101.9"
Goldboro: WKIX 96.9 SG "Kix 96.9 & 101.1"
Harrisburg: WCCJ 92.7 SG "92.7 The Jam"
Hatteras: WNHV 97.1 CC (ex WYND), FC to JRN classic country (&)
Hickory: WLYT 102.9 SG "Lite 102.9"
Nags Head: WYND 92.3 FC 45+ soft AC (&), CC (ex WNHV) (Outer Banks)
N. Wilkesboro: WKBC 97.3 SG "97-3 Today's Best Music"

Old Fort: WQNC 104.3 SG "Classic Rock 104"
Raleigh: WBBB 96.1 SG "96 Rock"
Robbins: *NS 103.1 6 kW, 328 ft.
Rocky Mount: WTRG 100.7 SG "Oldies 100.7"
Shelby: WWMG 96.1 SG "Magic 96.1"
Statesville: WKKT 96.9 SG "96.9 Kat Country"
Waynesville: WQNS 104.9 SG "Classic Rock 104"
Winston-Salem: WKZL 107.5 SG "107-5 KZL"

OHIO:

Canton: W220CZ 91.9 NS-19w(v): WPCS
Canton: WRQK 106.9 XC: 40-49-22 / 81-25-43
Delta: WRWK 106.5 adds Lex & Terry (Toledo)
Englewood: WDKF 94.5 CC (ex WBTT) "Kiss FM"
London: WJYD 106.3 CC (ex WCZZ), FC to black gospel (Columbus)
Niles: WBBG 106.1 CC (ex WNCD), FC to oldies (Youngstown)
Youngstown: WNCN 93.3 CC (ex WBBG), FC to rock "CD 93.3"

OKLAHOMA:

Kingfisher: KLGH 105.3 NW, cont. Christian "K-Light" (OKC)

OREGON:

Bend: KMTK 99.7 LC
Coos Bay: KOOS 94.9 PG> 89 kW, 626 ft, XG: 43-12-18 / 124-18-07
Klamath Falls: KKR8 106.9 SG "B107" or "B 106 dot 9" now top 40
Newport: KNCU 92.7 CC (ex KBGX) "U92"
Seaside: KCRX 102.3 CC (ex KULU) "Classic Rock 102.3"

PENNSYLVANIA:

Ballinger: *NS 89.1 100w(v), 328 ft.
Bedford: WBVE 107.5 CC (ex WWVCW), FC to WW1 classic rock (&) (in October)
Forest City: WQFN 100.1 NW, oldies // WQFM
Lewistown: WCHX 105.5 FC to classic rock

Pennsylvania:

Philadelphia: WOGL 98.1 PC< 7.3 kW, 850 ft.
Stroudsburg: WSBG 93.5 FC to 80's classic hits

RHODE ISLAND:

Westerly: WWRX 103.7 FC to modern rock // WFNX 101.7 (Providence)

SOUTH CAROLINA:

Anderson: WJMZ 107.3 SG "107.3 Jamz"
Murrell's Inlet: WMYB 94.5 CC (ex WRNN), FC to AC "Star 94.5" (Myrtle Beach), then another FC coming soon
Myrtle Beach: WMYB 92.1 CC (ex WJYR), FC to AC "Star 92.1"
N. Myrtle Beach: WEVZ 105.9 CC (ex WNMB), FC to easy listening
Socastee: WRNN 99.5 CC (ex WMYB), FC to talk "Hot Talk" (Myrtle Beach)
S. Congaree: WFMV 95.3 PG> 6 kW
Spartanburg: WSPA 98.9 SG "Lite Rock 98.9"
Wedgetfield: WIBZ 95.5 PG> 6 kW



SOUTH DAKOTA:

Huron: K204EK 88.7 NS-250w: WJFM
Pierre: KLXS 95.3 FC to WW1 a/c "XS95" (&)
Spearfish: K276LJ 103.5 QC from 103.1
Yankton: WNAX 104.1 CC (ex KCLH), FC to CW and farm // WNAX-AM

TENNESSEE:

Belle Meade: WNPL 106.7 FC to rock "Beaver 106"
Elizabethton: WPJO 99.3 FC coming soon CC (ex WAEZ) (Tri-Cities)
Erwin: WXIS 103.9 SG "Jammin 92.3 & 103.9" Dance-top 40 format
Goodlettsville: WRQQ 97.1 adds Bob & Sheri
Greenville: WAEZ 94.9 FC to CHR "Electric 94.9"
Jefferson City: WEZG 99.3 new format coming soon // WPJO 99.3 (Knoxville) to be rhythmic oldies "Jo 99.3"
Knoxville: WQIX 104.5 FC to classic rock
Marysville: WTXM 95.7 FC to Fox sports (&) // WIMZ (Knoxville), "The Team"
Morristown: WMXK 95.9 FC to AC "Magic 95.9" (&)
Pikeville: W217BG 91.3 NS-10w: WJFM

TEXAS:

Amarillo: KQIZ 93.1 FC to dance-top 40 "93-1 The Beat" (live feed: www.kqiz.com/ask/kqiz.aspx)
Bay City: KXGJ 101.7 FC to JRN classic country (&)
Big Sandy: KTAA 90.7 CC (ex KBAU), RA with gospel (Longview)
Comfort: KRNH 95.1 FC to Spanish oldies "Radio Recuerdo" (San Antonio)
El Campo: KIOX 96.9 adds CD Country (&)
Frankston: KLIS 96.7 CL from Palestine, TX, now C2, 50 kW, 492', XC: 32-02-16 / 95-24-41
Fort Worth: KTCU 88.7 adds oldies blocks daily
Gonzales: KQQT 106.3 FC to Spanish hits // KQQQ SG "La Nueva 92.1 & 106.3"

Texas:
 Haskell: KVRP 97.1 QC from 95.5
 Hillsboro: KBRQ 102.5 XG: 43-12-18 / 124-18-07
 Jasper: KJAS 107.3 FC to soft AC (&)
 Killgore: KKTIX 96.1 PG> 50 kW, 492 ft,
 XG: 32-22-07 / 94-56-23
 Kingsville: KKBA 92.7 XG: 27-39-20 / 97-33-55
 Markham: KZRC 92.5 RA with rock "The Kat"
 Pearsall: KWVG 95.3 PC< 2.8 kW, 138 ft,
 XC: 28-50-07 / 99-06-24
 Slisbee: KLOI 101.7 RA with oldies "Oldies
 101.7" (Beaumont). PC> 11.5 kW, 482 ft.
 Three Rivers: KEMA 94.5 CC (ex KBPL)
 Tyler: KKUS 104.1 FC to classic country "104-
 1 The Ranch"
 Watertown: KJBB 89.1 LC
 Woodville: KVLL 94.7 may have RA with oldies

UTAH:

Kanab: KONY 101.1 PC> 100 kW, 1969 ft,
 XC: 37-17-45 / 112-50-34, class C
 Provo: KFVR-3 107.9 NS-58w
 Riverdale: KFVR-2 107.9 NS-60w



VIRGINIA:

Abingdon: WABN 92.7 still SI
 Bedford: WLQE 106.9 "The Lake"
 Blackstone: WBBC 93.5 SG "Hot Country 93.5 The
 Bobcat Country"
 Bluefield: WHKX 106.3 PC>330w, 1344 ft,
 XC: 37-15-05 / 81-11-20
 Bowling Green: WWUZ 96.9 drops Bob & Tom
 Bridgewater: WAMM 105.1 SG "Wham 105.1"
 Chase City: WFXQ 99.9 "Young Country Fox 99.9"
 Chester: WDYL 101.1 SG "Y101" modem
 Dillwyn: WBNN 105.3 LC
 Dublin: WPIN 91.5 PG< 36 w.
 Elkton: WACL 98.5 SG "Cool 98.5"
 Farmville: WLCX 91.3 QC from 90.1, PC> 150w,
 69 ft, XC: 21-37-50 / 78-23-42
 Fort Lee: WKLR 96.5 SG "Classic Rock 96-5 The
 Planet"
 Fredericksburg: WJYJ 90.5 SG "Joy"
 Front Royal: WFQX 99.3 SG "99.3 The Fox"
 Lynchburg: WZZU 97.9 CC (ex WRVX), FC to
 modem rock // WZZI
 Marion: WZVA 103.5 SG "Z103.5"
 Marion: WOLD 102.5 SG "Lite 102"
 Marion: WMEV 93.9 SG "Super Country FM94"
 Mt. Jackson: WSIG 96.9 SG "G96"
 Newmarket: WBHB 103.3 SG "Bob 103.3"
 Petersburg: WPLZ 99.3 SG "Magic 99.3"
 Petersburg: W VST 91.3 SG "The Source"
 Richmond: WRCL 106.5 SG "Cool 106.5"
 Richmond: WJRV 105.7 SG "105.7 & 100.3 The
 River"
 Roanoke: WSLC 94.9 SG "Star Country"
 Salem: WJLM 93.5 SG "J93"
 South Hill: WSHV 98.9 SG "Eagle Country"

Virginia:

Spotsylvania: WYSF 99.3 SG "Y99.3"
 Staunton: WCYK 99.7 SG "Country 99.7"
 Staunton: WSV0 93.1 SG "Oldies 93.1"
 Staunton: WTON 94.3 SG "Star 94"
 Vinton: WZZI 101.5 SG "Z101" modem
 Warrenton: WPLC 94.3 FC to romantica "Radio
 Amor" (Washington)

WASHINGTON:

Chinook: K204EI 88.7 NS-5w(v): KPLU
 Eatonville: KFNK 104.9 PG> 5 kW< 358 ft.
 Naches: KZTA 96.9 FC to reg. Mexican "Zorro"
 Pasco: KEYW 98.3 PC> 12.5 kW, 997',
 XC: 46-04-58 / 119-09-39
 Seattle: KCMU 90.3 PG>720w, 531 ft.
 Seattle: KMBX 95.7 CC (ex KJR) "Mix 95.7"
 Sunnyside: KZTB 96.7 CC FC to reg. Mexican //
 KZTA 96.9 (Yakima)
 Yakima: KRSE 105.7 dec. to 544', XC: 46-42-41 /
 120-37-20

WEST VIRGINIA:

Bluefield: WHAJ 104.5 inc. to 1548', XC: 37-15-05
 / 81-11-20 (xmtr is in Virginia)
 New Martinsville: WNMN 92.3 NW, AC // WRRR
 93.9 "R93" (Parkersburg)

WISCONSIN:

Balsam Lake: WLMX 104.9 CC (ex WWLC)
 Nekoosa: *NS 105.5 6 kW, 328 ft.
 Sheboygan: WSHS 91.7 PC<125w(v), 85'
 Spooner: *NS 106.3 6 kW, 328 ft.

WYOMING:

Lander: K214DV 90.7 NS-250w: WJFM
 Rawlins: K201GY 88.1 NS-34w: WJFM



MEXICO

BAJA CALIFORNIA:

Tijuana: XHCR 99.3 SG "Hot Country 99-3"
 country (in English)
 Tijuana: XHTNA 90.7 SG "Excellence", c
 Tijuana: XHRM 92.5 SG "Magic 92.5" jammin
 oldies



Canada

ALBERTA:

Banff: *NS 100.1 92w, // CKIK 107.3
 Calgary: *NS 98.5 several apps: 100 kW
 (modem AC, Chum, Ltd), 100 kW (hot AC), 100
 kW (light classic favourites), 100 kW
 (ac/modem), 100 kW (urban contemporary),
 77.1 kW (smooth jazz)
 Calgary: *NS 88.1 33 kW (native) app

Alberta:

High River: *NS 88.1 100 kW, app for "eclectic"
 music format
 Sikika: *NS 103.1 50w app: Native stn
 Valleyview: CKYL-3 105.7 NW, country // CKYL
 Valleyview: CKKX-? 106.9 new grant, 75 kW

BRITISH COLUMBIA:

Burnaby: *NS 88.9 50w app for road
 construction info station
 Duncan: CKSU 89.7 QC from 1500, now 1,862w
 CC (ex CKAY), "Sun FM"
 Kamloops: *NS 105.3 4750w, // CBU-FM
 Kelowna: CBU-2 89.7 granted relay here, 6 kW
 Nelson: *NS 93.5 70w, general community
 Victoria: CHTT 103.1 FC to CHR "Hot 103", CC
 (ex CJVI)
 Victoria: CKMO 103.1 QC to 900
 Whistler: *NS 96.9 568w app // CKKS-FM
 Whistler: *NS 90.7 granted 50w // CFMI-FM

MANITOBA:

Gladstone: *NS 101.5 0.8watt TIS app
 Sherridon: *NS 93.5 23.1 w // CINC-FM
 Winnipeg: CHVN 95.1 NW, MGS cont. Christian
 (&), to be 100 kW, CC (NS)
 Winnipeg: CFEQ 93.5 wants move to 107.1, 920w

NEW BRUNSWICK:

Edmunston: CBAF4 100.3 wants PG> 20,935w
 Frederickton: *NS 96.5 50w, to be religious
 Moncton: *NS 94.5 denied app competing with
 CKCW's move to FM
 Moncton: CKCW 1220 QG to 94.5, 19 kW
 Moncton: *NS 96.9 100 kW (possibly country)
 Moncton: *NS 99.9 9.5 kW, to be French
 Moncton: *NS 100.9 50w, cont. Christian
 Moncton: *NS 105.9 50w, cont. Christian
 St. John: *NS 97.3 55 kW, a/c format
 St. Stephen: *NS 98.1 40 kW, a/c and country



**CHAA-103.3 MF
 Radio Rive-Sud**

NEWFOUNDLAND:

Grand Falls: *NS 90.7 CBN-FM (Radio 2) granted
 relay, 57 kW
 Port-au-Port: CBAF166 94.3 wants PG>1034w

NORTHWEST TERRITORIES:

Holman Is: *NS 105.1 8.7 app // CBU-690

ONTARIO:

Bracebridge: CFBG 100.9 denied move to 99.5,
 100 kW
 Campbellford: CKOL 93.5 wants PG> 1038w
 Chatham: *NS 92.9 relay of CFCO 630, 50w
 Hawkesbury: *NS 107.7 1.85 kW relay of CIMF 94.9
 Midland: CICZ 104.1 wants PG> 9354w
 Niagara-on-the-Lake: CHQI 90.7 wants PG>51w
 North Bay: *NS 89.5 33w // CJTK wanted

Ontario:

Orangeville: CIDC 103.5 PG< 30.7 kW, XG granted
 closer to Toronto
 Ottawa: *NS 97.9 800w app, // CIRA-FM (1
 hr/wk of local programming)
 Toronto: CJEZ 97.3 adds Delilah
 Windsor: CIDR 93.9 FC to a/c

QUEBEC:

La Baie: *NS 93.7 NS-9w: CBJ-FM
 Longueuil: CKOO 98.5 CC (ex CIEL), FC to French
 CHR "Cool FM" (Montreal)
 Scotstown: *NS 103.7 0.8 w app, religious
 Windsor: *NS 98.3 35w, FF community

SASKATCHEWAN:

Moose Jaw: *NS 93.7 XG to 35km NE, (CFRE-TV
 tower at 50-35-44 / 105-04-09, near Disley),
 wants QG to 100.7
 Moose Jaw: *NS 90.9 27.5w app to broadcast
 Warriors hockey and related material
 Prince Albert: *NS 89.1 24980w, // CBK-FM
 Regina: CBK 102.5 NW, variety // CBK
 Regina: *NS 91.3 480w, app for Type B
 community station
 Sasakatoon: *NS 91.7 TIS app, 49.2w

• Dennis Smith writes from Santa Barbara with some updates. Bruce Elving contacted him with some questions about the new 90.7 in Tijuana ("XHTNA"). He was wondering about these calls being legal, thinking that only XE-, XH-, and XI-were available. I do think XHTNA is the official call but XLNC "Excellency One" is only the slogan. Can't find an updated record of this one on the web for the "official" calls. He also hears them on 89.7 and 90.1 when tropo to that area is up. Not sure if this is a network of translators, or spurious emissions. Dennis also sends some articles from the independent *Connections*, "San Joaquin County's Alternative Newspaper". There are a variety of articles about the LPFM debate. One article mentions "San Francisco Liberation Radio", on 93.7, broadcasting 4-11pm from the western part of that city. Another mentions the many possible LPFM "LP100" channels that may be available around the Bay Area, Modesto, and Stockton. Along with this he also sent slogan and format updates for Southern California. Thanks, Dennis!

• The recent switch of KSPI 93.7 in Stillwater, Okla, according to an article from the *Stillwater News Press* e-mailed by Chip Kelley. To a hot a/c "Hot 93.7" format angered many area residents, especially teens and those at Oklahoma State. The former rock alternative format had quite a cult following with these groups. Heather Phillips, 17, said "They didn't even ask us". A group of students noted that the top 40 format is already available on many local frequencies, including 103.1, 102.7, -98.9, 104.1, and 106.9. They circulated a petition with

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683 signatures to deliver to KSPI. The article noted that the former format had fans as far away as Egypt, via the Internet.

• Chip also notes that the web URL <http://www.kisr.com> (93.7 Fort Smith, AR) has been swallowed up by competitor KZBB 97.9! Thanks to Chip for also sending quite a bit of format and slogan information from a recent trip through the Carolinas.

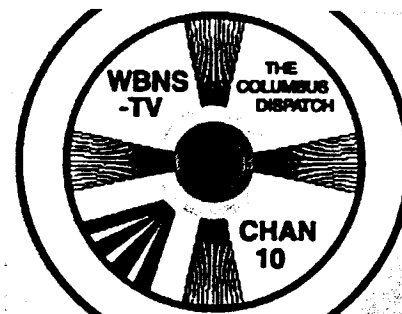
• Jim Thomas sends a list of stations in his area that are listed in *FM Atlas* but are not on

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the air, nor are they testing ... COLORADO: KEGK 96.5 Julesburg, KKYT 92.3 Holyoke, KAVD 103.1 Limon, KRGD 99.3 Burlington, KOOO 95.5 Rocky Ford, WYOMING: KYOD 100.1 Glendo, KKAW 107.3 Albin, KASX 105.3 Pine Bluffs, KKRR 96.7 Laramie, KRXX 99.9 Cheyenne (likely to displace the KGNU 88.5 translator located here, when it comes on), NEBRASKA: KAWQ 101.3 Bridgeport, KOLT 103.9 Gering (Jim, did they go dark, they were on the air in 1996?)



STILL MORE OF.....
THE CHARLES BURNHAM TEST
PATTERN COLLECTION.....



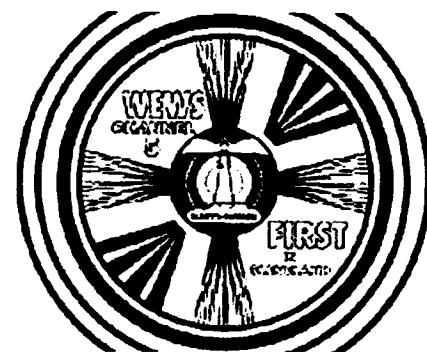
In order to get a plug in for its newspaper ownership, WBNS-tv in Columbus, OH simply got rid of the upper right 'wedge'.



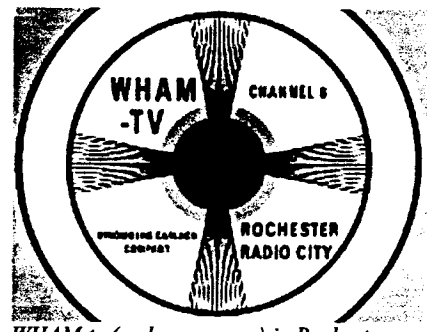
DuMont-design patterns do not reproduce in this print format, however this one belongs to WDTV, Channel 2, Pittsburgh, PA. DuMont sold the station to KDKA in 1955 and the WDTV call moved to channel 5 in Clarksburg/Weston, WV.



Back when the WLS call letters were still the property of Sears-Roebuck ("World's Largest Store"), the ABC o&o Chicago operations carried the WENR call.



WEWS-tv, channel 5, Cleveland, OH had a unique variation of the 'wedge' test pattern. It included the Scripps-Howard Publishing Company's trademark lighthouse logo.



WHAM-tv (and successors) in Rochester began on channel 6, moved to 5, and wound up on 8. Its owners 'plugged' themselves in the lower left. Stromberg Carlson Company manufactured TV receivers as well as other professional and consumer electronics lines.

WTFDA CONVENTION: LAKE PLACID

TECHINCAL REPORT

EQUIPMENT: FM: Channel Master Stereo Probe-9 antenna, with RG-6 coax, and Radio Shack 18db amplifier. Sony (1983) STR/VX-750 Digital Receiver with 110 kHz filters, also a Pioneer (1984) RX series Hybrid Analog Tuner, with digital readout (and 110 kHz filters). 25' AGL UHF: Radio Shack U-100 antenna, in-line broadband 10db (phantom powered) amp. On RG-6 cable. 30' AGL VHF: V-100 antenna with 18db adjustable amp (at receiver), also RG-6 coax. Receiver was Tom Yingling's Tekniks UHF-VHF receiver fed into an RCA XL-100 TV receiver. 5' AGL (to aid in meteor scatter). Several people also made the trek up to the top of Whiteface Mountain (4867' ASL), where TV & FM Dxing took place on various TV and FM portables.

FM RECEPTION: There was no FM e-skip or any tropo activity noted. And at the lodge, FM reception was limited. Regular reception were all the stations of the northern Adirondacks, of course, along with Burlington, Montreal, Ottawa mostly. Some reception deeper into Quebec was noted, and a little bit south to Albany, etc. (though that direction is blocked). There were a few MS loggings at the lodge: CKCN 94.1 Sept-les, an unID on 94.1 "K-Rock", and WSIX 97.9 Nashville (keeping up the tradition of logging Nashville at a Lake Placid convention: E-skip brought in WSM 95.5 in 1995!). On the top of Whiteface, reception was quite impressive. However, super strong signals from Canada, Adirondacks stations, and Vermont made picking up anything long distance impossible. The FM stations from Montreal, for example, were completely local-like. A few stations made it though though further, such as 92.3 (Hanover) and 106.1 (Claremont) over in New Hampshire, and 104.3 Woodstock, VT (on the NH border). There was also tentative reception of Quebec City on 95.3 (CBVX), with an opera.

TV RECEPTION: I believe I did see E-skip to channel 2 during the weekend, but nothing was written down so nothing was lded! There was also quite a bit of meteor activity on low-band but nothing was lded (Did anyone that was there see anything?). Dxing TV from down at the lodge was very difficult because of all of the multipath. Even local WPTZ-5 was very ghostly. As with FM, results from the mountaintop were much better, but just like FM, the band was very crowded. Most VHF channels showed some CCI. On VHF, here is the breakdown: 2: CBFT, 3: WCAX, 4: CBOT, unID, 5: WPTZ, 6: CBMT, 7: CHLT, 8: CJOH, 9: CKSH / CBOFT, 10: CFTM, unID, 11: CHCH (Ottawa), 12: CFCF, 13: CJOH. On UHF: 14: unID, 16: WPBS, 17: CIVM, 18: WNPI, 20: Massena TBN, 22: WVNY, 24: CICO (Ottawa), 25: unID, 26: unID (WNGN-LP Hoosick Falls?), 27: WWBI-LP Plattsburgh, 28: WVER, 29: CFTU (Montreal 10 kW), 30: CIVO / CFKS, 31: WNNE-NH, 32: CBLFT1 (Kingston), 33: WETK / unID, 35: CFJP, 38: CICO (Kingston), 39: CHLF Hawkesbury (10kW), 40: CHOT, 41: WVTA, 43: CHRO Ottawa, 44: WFFF, 46: CKMI (Lower Power Montreal), 47: CJOH (Pembroke), 51: WS1CB (Plattsburgh), 55: W55AI (Lake Placid), 57: WCFE, 60: CFMT Ottawa, 62: CJNT (Low Power Montreal) 65: CITY (Ottawa)

Thanks to Doug Smith and Peter George for assistance with this report!

Eastern TV-DX

October 2000

Matthew C. Sittel
15013 Eureux Circle
Bellevue, NE 68123
76255.2171@CompuServe.com
Deadline: last day of month

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

Things have slowed down a bit, now that skip season is over... but reports of the late-season activity as well as some decent drops make another 4-page column this month. Bill Hepburn noted NWS skip and an MUF of channel 7 on August 4. Take a look at his and all our reports, starting with the story from Nassau County, NY!

Peter J. Giacopelli, KB2DY, 30 Peconic Drive, Massapequa, NY 11758-8317 dypete@aol.com

Equipment: Mitsubishi 21" TV and a dipole antenna.

8/25 tr					
0942 WAVY-10	VA	Portsmouth	306	1047 WVEC-13	VA Hampton 292
1045 WHY-12	DE	Wilmington	126	1058 WHRO-15	VA Hampton 292
				1115 WCAU-10	PA Philadelphia 99

William McGuire, 2412 59th Pl., Cheverly, MD 20785-2918

Equipment: Admiral Color TV.

7/18 tr					
0915 WCVB-23	VA	Richmond	100	0045 WPHL-17	PA Philadelphia 150
8/3 tr				0050 WPSG-57	PA Philadelphia 150
0030 WVIR-29	VA	Charlottesville	150	8/9 tr	
8/7 tr				0015 WVIR-29	VA Charlottesville 150
2030 WPSG-57	PA	Philadelphia	150	2250 WTVR-6	VA Richmond 100
2035 WFPT-62	MD	Frederick,pledge	50	2305 WWBT-12	VA Richmond 100
2040 WTXF-29	PA	Philadelphia,Fox	150	2310 WAVY-10	VA Portsmouth 250
2115 WVBT-43	VA	Virginia Beach	250	2353 WRIC-8	VA Petersburg
2125 WLYH-15	PA	Lancaster	140	8/10 tr	
8/8 tr				0105 WTVZ-33	VA Norfolk, WB 33
0040 WHY-12	DE	Wilmington, ID	120		

Doug Smith, W9WI, Pleasant View, TN

<http://personal.bellsouth.net/~w9wi>

7/15 tr					
0709 WSNB-47	VA	Norton	249	1036 KOTA-3	SD Rapid City 1000
0710 WSTR-64	OH	Cincinnati	238	"KOTA Territory"	
0730 WFFT-55t	IN	Fort Wayne, "Fox 55"		1044 KMTV-3	NE Omaha, ID 587
0730 unID-26		infomercials. WBDT?		1100 KLNE-3	NE Lexington,net.ID 722
7/16 Es				1100 KQTV-2	MO St. Joseph <2> 478
1952 KENW-3	NM	Portales, ID	955	1125 KWNB-6	NE Hayes Center 806
2013 XHPN-3	CI	Piedras Negras<1>943		"NTV News", ID w/KHGI-13	Kearney
7/17 Es				1135 KNOP-2	NE North Platte, ID 804
1055 XHPN-3	CI	Piedras Negras	943	1150 KTVS-3	CO Sterling <3> 907
7/18 Es				1205 KRMA-6	CO Denver, ID bug 1011
1123 KACB-3t	TX	San Angelo, "NBC 3"		1205 KSWK-3t	KS Lakin, // KRMA-6
7/21 Es				7/26 Es	
0922 KBME-3	ND	Bismarck	996	1149 Cuba-3t	"TV Noticias" under WEDU
0922 KDLO-3	SD	Watertown	806	1200 WEDU-3	FL Tampa,huge calls 665
"KELO" on weather slide				7/29 tr	
				0030 W57BV-57	AL Florence, TBN 131

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7/29 Es					
1256 XHRIO-2	TM	Matamoros, UPN	951	0830 WCOV-20	AL Montgomery,Fox20 284
1330 XEFB-2	NL	Monterrey	1075	8/21 tr	
"2os" (Dos) logo				0818 K39CF-39tMO	Poplar Bluff,TBN <6>
1337 XHBQ-3	ZA	Zacatecas, ID	1318	8/26 tr	
1354 KIII-3	TX	Corpus Christi	860	2250 WJSU-40	AL Anniston 200
1416 KBEJ-2	TX	Fredricksbrg<4,5>	791	2250 56/63	IN Evansville, // 105
8/3 Es				2250 W67CO-67	AL Huntsville, TBN 118
1205 Cuba-3		Fidel speech		2255 WHDF-15	AL Florence,UPN15 <7> 96
1205 WEDU-3t	FL	Tampa		2300 W46CF-46	AL Tuscumbia, UBN 131
8/4 tr				8/28 tr	
0009 W38BK-38	IN	Evansville	105	0031 WMAE-12	MS Booneville 151
0009 W36CG-36	IN	Evansville, 3ABN	119	0031 WMAW-14	MS Meridian 315
Es				0834 WIIQ-41	AL Demopolis, APT 281
1123 KSWK-3	KS	Lakin	777	0835 WVMT-13	AL Birmingham 201
1142 KOAA-5	CO	Pueblo, "5/30"	966	8/29 tr	
1200 KRMA-6	CO	Denver	1011	0002 WGEM-10	IL Quincy, call ID 336
1211 KWGN-2	CO	Denver, wb2.com	1011	0003 WMTV-15t	WI Madison, NBC briefly
1225 KTVS-3	CO	Sterling	907	0004 WAOM-67t	KY Morehead <8>
8/19 tr				0030 WYMT-57	KY Hazard 223
0027 KOLR-10	MO	Springfield	328	0052 WSNB-47	VA Norton 249
0630 56/63	IN	Evansville, //	105	0056 WPXK-54	TN Jellico,legal ID 159
8/20 tr				0753 WKRC-12	OH Cincinnati 234
0803 WBIQ-10	AL	Birmingham	201	8/30 tr	
0803 WAIQ-26	AL	Montgomery	281	0835 48/64	OH Cincinnati 238
0803 WIIQ-41	AL	Demopolis	281	0835 42/59/63	IN Indianapolis 245
0805 WMAE-12	MS	Booneville	151	0835 WKON-52	KY Owenton, rare 192
0805 WMAW-14	MS	Meridian	315	0835 WRGT-45	OH Dayton 276
0805 WMAV-18	MS	Oxford	207	0835 unID-38	very good w/rel. program
0807 WTOK-11	MS	Meridian	295	0835 WJYL-LP-26t	IN Clarksville, TBN
				0835 WEIU-51t	IL Charleston, PBS

Notes:

- unID CBS-5 under WTVF; Azteca 13s on channels 5 and 6 (vertical sync interval IDs). California logged on FM at 2200.
- "KQ2". Shortest Es ever... tentative trope logging about 3 years ago.
- "UPN 20". This one is much easier to ID than when it relayed KGWN-5!
- UnIDs from Mexico:
XEW-2 relay on ch 3 w/"Hoy", XHDF-13 ID on channel 6, Channel 3 with Fox baseball parallel local WZTV-17.
- 3/4-color bars with three alternating texts:
"KVUE-TV AUSTIN " BELO " "HAVE A
CHANNEL 24" "NICE DAY!"
(I was having a nice day!)
- Local WHTN-39 has been off for nearly two weeks.
- Previously logged as NBC affiliate WOWL, from a different site 131 miles distant. Weaker (despite more power) from the new site due to a directional antenna.
- Quite good at times but with hour-long infomercial, no ID or break at half-hour, and faded before 0100.

William Hepburn, Brampton, ON

xmj225@home.com

Equipment: Samsung SV-5000W World TV Signal VCR, Panasonic PC-29XF40R (29") TV, Icom IC-R100, Channel Master VHF and UHF horizontal yagis @ 47' w/10 dB RS VHF & 28 dB Anteco UHF amps. + 10 dB RS UHF amp @ receiver.

5/24 tr					
0314 W63CT-63	OH	Thompson	151	5/29 Es	
ex-W67AL				1843 MUF ch. 5	
0429 WOX-65	OH	Cleveland, VV/ASN	185	5/31 tr	
				0026 WKRC-12	OH Cincinnati, CBS 398
				0047 WLKY-32	KY Louisville 483

0048	WPBO-42t	OH	Portsmouth		
0115	WBUI-23t	IL	Decatur		
0206	WBDF-26	OH	Springfield	334	
0221	WPXK-54	TN	Jellicco, Pax	567	
0228	WEMT-39	TN	Greeneville	550	
0240	WUNF-33	NC	Asheville	591	
0313	WDKY-56	KY	Danville, Fox 56	480	
0317	unID-50		w/TP, 1020 Hz tone		
0322	WFTE-58t	IN	Salem		
5/31 Es					
1424	WBRZ-2	LA	Baton Rouge	1115	
6/1 tr					
1951	WBXZ-56	NY	Buffalo, The Box	70	
6/5 tr					
0121	WFTE-58t	IN	Salem		
0128	WPXI-11	PA	Pittsburgh	221	
0130	WTOL-11	OH	Toledo, CHCH off	229	
6/7 Es					
1917	MUF ch. 4		to the SW		
6/8 Es					
1025	WPBT-2	FL	Miami	1223	
1035	WEDU-3t	FL	Tampa		
1128	MUF 107.5				
2200	KGFE-2	ND	Grand Forks	926	
2200	KXMA-2	ND	Dickinson	1142	
2206	CKND2-2	MB	Minnedosa	1057	
2213	CBWFT-3	MB	Winnipeg	937	
2213	CBWT-6	MB	Winnipeg	937	
2217	CKYB-4	MB	Brandon	1041	
2220	CBWT2-4	MB	Lac du Bonnet	886	
2228	KOTA-3	SD	Rapid City	1165	
2239	KXJB-4	ND	Valley City	885	
2242	KBME-3	ND	Bismarck	1041	
2244	KWSE-4	ND	Williston	1194	
2310	KFYR-5	ND	Bismarck, u/CBLT	1042	
2324	KHMT-4	MT	Hardin, Fox	1392	
6/9 Es					
0000	KTVQ-2	MT	Billings, Q2/call	1408	
6/17 Es					
2240	MUF ch. 6				
tr					
2315	WBNE-59	CT	New Haven, loc.ad	379	
6/21 Es					
2249	MUF ch. 2		to the SW		
6/22 GW/tr					
0458	CBLN1-56	ON	Kitchener	44	
			w/WLMB-40 instead of CBLN		
0458	WLMB-40	OH	Toledo, CTN	253	
0542	WCPO-9	OH	Cincinnati, wx	398	
0546	WLKY-32	KY	Louisville	483	
0555	WFIE-14	IN	Evansville	568	
0603	WNDY-23	IN	Marion, UPN 23	399	
0604	WTTK-29t	IN	Kokomo, u/WUTV		
0612	WTHR-13t	IN	Indianapolis, wx		
0620	WISH-8t	IN	Indianapolis		
0622	unID-15		w/CB TP (WICD?)		
0720	WRAP-32t	OH	Cleveland, u/WLKY		
0723	WKMJ-68	KY	Louisville	483	
6/24 Es					
0852	WBRZ-2	LA	Baton Rouge	1115	
0855	KARK-4	AR	Little Rock	914	
0900	WWL-4	LA	New Orleans	1105	
0917	MUF 88.3				
0956	WLBT-3	MS	Jackson	978	

0956	WCBI-4	MS	Columbus	841	
0959	WDIQ-2	AL	Dozier	910	
6/25 Es					
2057	KFOR-4	OK	Oklahoma City	1093	
2057	KJRH-2	OK	Tulsa	992	
2057	KFDX-3	TX	Wichita Falls	1211	
2059	KOTV-6	OK	Tulsa	992	
2059	KOET-3t	OK	Eufaula		
2104	KOCO-5	OK	Oklahoma City	1093	
2107	KMID-2t	TX	Midland		
2130	MUF 117.8				
2201	KDFW-4	TX	Dallas	1204	
2224	KASA-2t	NM	Santa Fe, Fox, -off.		
2225	KDTN-2	TX	Denton	1203	
6/26 tr					
0605	WYFX-62	OH	Youngstown	184	
Es					
1324	CJOM-3	NF	Argentia	1267	
1329	CJCN-4	NF	Grand Falls	1200	
6/27 Es					
0747	WWL-4	LA	New Orleans	1105	
0748	MUF 88.3				
0811	WBRZ-2	LA	Baton Rouge	1115	
0825	KATC-3	LA	Lafayette	1168	
0826	KDTN-2	TX	Denton	1203	
0829	KPRC-2	TX	Houston	1302	
6/28 Es					
0307	MUF 88.3				
0309	KCNC-4t	CO	Denver		
0829	KSNK-2	KS	Great Bend	1051	
0914	KDTN-2t	TX	Denton		
0959	KPRC-2	TX	Houston	1302	
6/29 Es					
0939	WPBT-2t	FL	Miami		
6/30 Es					
2002	MUF ch. 6				
2005	WPBT-2	FL	Miami	1223	
7/2 Es					
1736	MUF ch. 4				
7/4 Es					
1800	MUF ch. 5				
7/5 Es/2Es					
0932	KETS-2t	AR	Little Rock		
0934	KTBS-3t	LA	Shreveport		
0950	KDTN-2	TX	Denton	1203	
1135	WPBT-2	FL	Miami	1223	
1144	MUF 109.2				
1149	WEDU-3	FL	Tampa	1102	
1150	WFOR-4	FL	Miami	1222	
1155	WPTV-5	FL	West Palm Beach	1179	
			under CBLT		
1849	CJCN-4	NF	Grand Falls	1200	
1853	CFTF4-4	PQ	Forestville, ID	624	
1855	CJBR-2	PQ	Rimouski	614	
1902	WWL-4	LA	New Orleans	1105	
1904	CJSV-4	NF	Stephenville	1067	
1905	CBNAT1-3	NF	Baie Verte, ID	1184	
1905	CBSET-3	PQ	Sept Iles, CBC	769	
1930	CFAP-2	PQ	Quebec, TQS	469	
1954	CKRT2-2t	PQ	Degelis		
1955	KMID-2t	TX	Midland		
2140	CBAT4-4	NB	Campbellton	724	

7/7 Es					
2041	WEDU-3	FL	Tampa	1102	
2042	WPBT-2	FL	Miami	1223	
2042	WCBD-2t	SC	Charleston		
2050	MUF 104.3				
2051	WFOR-4	FL	Miami	1222	
2052	WCIV-4	SC	Charleston	741	
2053	WKMG-6t	FL	Orlando		
2100	WESH-2	FL	Daytona Beach	1020	
2105	WEAR-3t	FL	Pensacola		
7/8 Es					
2021	WBRZ-2	LA	Baton Rouge	1115	
2025	KTBS-3t	LA	Shreveport		
2026	KYTV-3t	MO	Springfield		
2026	KPRC-2	TX	Houston	1302	
2040	CJCN-4	NF	Grand Falls	1200	
2040	MUF ch. 6				
2042	CBGAT14-2	PQ	Carleton	724	
2049	CJSV-4	NF	Stephenville	1067	
2053	CBAPT3-3	NB	Neguac, SRC	738	
2102	CBYT-5t	NF	Corner Brook		
2103	CBGAT22-2	PQ	Riviere-au-Renard		
			+ offset, // CBGAT-14	817	
2106	CBNAT1-3t	NF	Baie Verte		
2123	CBAT-4	NF	Fredericton	676	
2124	CBIT2-2	NS	Cheticamp, CBC-AT	934	
2132	CJCB6-3t	NS	Port Hawkesbury		
7/15 Au					
1806	hash 2-8, 13				
1827	unID-2				
7/16 Es					
1857	MUF ch. 5				
1926	KPRC-2	TX	Houston	1302	
7/17 Es					
1323	KPRC-2	TX	Houston	1302	
7/21 Es					
0926	KDFW-4	TX	Dallas	1204	
0926	KTBS-3	LA	Shreveport	1077	
0928	KDTN-2	TX	Denton	1203	
0929	KPRC-2	TX	Houston	1302	
0934	KJRH-2	OK	Tulsa	992	
0939	KSNW-3	KS	Wichita	1011	
0940	KARK-4t	AR	Little Rock		
2058	KFDX-3	TX	Wichita Falls	1211	
2058	KFOR-4	OK	Oklahoma City	1093	
2113	KOTV-6	OK	Tulsa	992	
2115	KAUZ-6t	TX	Wichita Falls		
2148	MUF 90.1				
7/22 Es					
1632	WDIQ-2	AL	Dozier	910	
1637	MUF ch. 4				
7/25 Es					
1709	WESH-2	FL	Daytona Beach	1020	
1713	WWL-4	LA	New Orleans	1105	

1718	WEAR-3	FL	Pensacola	997	
1720	WPBT-2	FL	Miami	1223	
1723	MUF 106.3				
1726	WBRZ-2	LA	Baton Rouge	1115	
1734	WTVY-4	AL	Dothan	938	
1735	WEDU-3	FL	Tampa	1102	
1810	KPRC-2	TX	Houston	1302	
1829	CMH-3t	CUBA	Santa Clara		
1833	unID-3	CBC			
1854	WFOR-4	FL	Miami	1222	
7/26 Es					
0913	WESH-2	FL	Daytona Beach	1020	
0913	WEDU-3	FL	Tampa	1102	
0913	MUF ch. 4				
7/27 Es					
1823	KLNE-3	NE	Lexington	1033	
1824	KMTV-3	NE	Omaha	842	
1836	MUF ch. 6				
1853	KLBY-4	KS	Colby	1154	
1900	KSNB-4	NE	Superior, Fox4/17	963	
1927	KSNK-2	KS	Great Bend	1051	
7/28 Es					
1928	MUF ch. 3				
8/4 Es					
1820	KUSD-2	SD	Vermillion	854	
1821	KBME-3	ND	Bismarck	1041	
1825	KXMA-2	ND	Dickinson	1142	
1827	KIMT-3	IA	Mason City	654	
			"News Channel 3"		
1830	KTIV-4	IA	Sioux City	832	
1842	WCCO-4t	MN	Minneapolis		
1848	KNOP-2	NE	North Platte	1079	
1912	KWNB-6	NE	Hayes Center, NTV	1093	
1917	KMTV-3	NE	Omaha	842	
1951	MUF ch. 7!!!				
2055	KTCA-2	MN	St. Paul, TPT	666	
2119	KOTA-3	SD	Rapid City	1165	
2125	KDLV-5	SD	Mitchell, KDLT	878	
2211	KWGN-2	CO	Denver	1335	
8/5 Es					
0015	KDUH-4	NE	Scottsbluff	1187	
8/6 tr					
0319	CKNY11-11	ON	Muskoka	122	
			ex-CKCO4, MCTV-CTV ID		
8/12 Es					
1811	MUF ch. 4				
8/14 tr					
2356	WIWB-14	WI	Suring, WB 14	427	
8/15 tr					
0013	KRIN-32t	IA	Waterloo		
0136	CHCH5-38	ON	Sault Ste. Marie	299	
8/16 Es					
2335	WESH-2	FL	Daytona Beach	1020	

Tropo has been quiet. The first half of the 2000 Es season continued in 1999 fashion... very little... but made up in quality. Second half of season much more active. Highlights were shortest Es ever July 5 with 469 mile Quebec (old record 538 miles, WFMY-2 Greensboro, NC)... hi-band Es on 8/4 including WXK-94 Concordia, KS on 162.55, MT on 6/8 and tentative NM on 6/25.

That's it for this month... seen any good DX? Drop me a line so I can share it with the club!.....73s Matt.

WESTERN TV-DX

October 2000

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

Mike Cherry VE7SKA, 362 Sky Valley Rd, Salt Spring Island BC V8K 2C3 Canada

August 2000	UTC	bearing
03Es 0359	KRON 4 CA	180
0400	KTVU 2\$CA	180
0413	KTVQ 2 MT	95
0430	KVBC 3\$NV	155
0455	KLBY 4 KS	135
0459	KSWK 3\$KS	135
0500	KSNK 2 KS	135
0510	KTVK 3\$AZ	155
2312	KXJB 4 ND	110
2330	KOTA 3\$SD	110
2357	KDLV 5 SD	110
2359	KPRY 4 SD	110
04Es 0000	KUSD 2 SD	110
0100	KTVQ 2 MT	110
0129	KSWK 3\$KS	135
0130	KTWO 2 WY	135
0148	KGWL 5 WY	135
0200	KXLF 4 MT	135
0344	KCRA 3 CA	180
0359	KTVU 2 CA	180
0427	KREG 3 CO	135
0430	KWGN 2\$CO	135
0451	KTVK 3 AZ	160
0500	KNAZ 2\$AZ	160

On the Aug 4 opening (Friday evening) I didn't concentrate on the FM opening too much as Es signals from Nebraska were being heard on 144.2 MHz (2 meters). At that time, there were multiple signals on chs 2, 3 4 & 5 (have a local on ch 6 15 km away) & I was hoping some Es2 might come through on TV so paid close attention to that. Also at that time, 6 meters was open to Ala, Georgia & Fla via Es2. It was almost a duplicate of Thurs evening's fabulous conditions when Cayman Islands, Cuba & southern Mexico were worked or heard locally on 50 MHz (6 meters) probably via 3 hops of Es (Colo on the first, Texas, La on the 2nd hop).

John M. Jefferson, 826 23rd St. SE, Auburn, WA 98002-7669

Equipment: Zenith Sentry 2 color TV w/Radio Shack VHF/UHF antenna @ 30' & old Channel Master UHF @ 34' on same rotor.

July 2000	PST	
15 Es 2143	KVBC 3 NV Las Vegas logo	1000
2152	KCBS 2 CA Los Angeles bug	865
2218	KTVU 2 CA Oakland Fox 2	620

16 Es 1946	KTVK 3 AZ Phoenix logo	1020
2208	KTVK 3 AZ Phoenix bug	
17 Es 2213	KEYT 3 CA Santa Barbara bug	820
23Es 2041	KCBS 2 CA Los Angeles bug	
24 Es 2100	KGFE 2 ND Grand Forks	1065
30 Es 2040	XHBS 3 BN Mexicali "3"	1000
31 Es 2131	XHBS 3 BN Mexicali bug	
2217	KTVK 3 AZ Phoenix WB61promo	

August 2000		
03 Es 2029	KTVN 2 NV Reno Calls	525
2055	KCRA 3 CA Sacramento Calls	580
2200	KASA 2 NM Santa Fe .com	1080
2329	KTVK 3 AZ Phoenix moving logo	
04 Es 2258	KNAZ 2 AZ Flagstaff bug	915
2307	KCBS 2 CA Los Angeles CBS-2	
2322	KEYT 3 CA Santa Barbara calls	
05 Es 2251	KCBS 2 CA Los Angeles CBS-2	
2252	XHBS 3 BN Mexicali Calexico ad	
06 Es 2102	KOTA 3 SD Rapid City news	865
10 MS 0510	KCRA 3 CA Calls, exc. pic!	
12 Es 1754	KTVK 3 AZ Phoenix bug w/o red	
1859	KNAZ 2 AZ Flagstaff NBC,AZ ad	

The MS pickup of KCRA was certainly the highlight. Out of nowhere, their pic appeared in color, just like a local, faded, then cleared up again with their calls & bug clearly visible. A close second was KTVN coming in at last. I DO mean "at last"--in 11+ years in Antioch, just 150 some miles from them (& able to receive several FM's from Reno in stereo around the clock), I never did get them! At first they were near town, almost a mile lower than the intervening mountains; then they moved to Mt. McClelland at 7200', still well below the Sierras, and could do no better than to generate cci under KTVU. Also fun was KGFE's pic, with KGFE's calls atop a long list of stations & "Prairie Public TV" to the left.

Underlined stations are, of course, new to Auburn; dashed underline means new mode.

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for August 2000. The move is mostly complete although unpacking and osrtng take up next. DX has been from the new place and from the car. Southern CA coastal tropo has been better this month than last month, and was quite steady and good, particularly in the second half, on TV-FM to San Diego/Tijuana 200 mi/315km.

Aug 1-2: Fair Aug 3-5: Poor
Aug 6-9am: Variably poor-fair
Aug 9 eve: Fair+ or good
Aug 10-13am: Variably poor-fair
Aug 13 eve: Good
Aug 14-28: Variably fair-good
Aug 29: Poor, deteriorating (Aug 29-30 subtropical)
Aug 30-31: Very poor (rain in region/overall cooling)
Sep 1: None

Western TV DX

WELCOME NEW REPORTERS

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

Equipment: Archer Antennas: VHF-FM model 15-8654. UHF model U-120. Both mounted on Channel Master Crown rotor. UHF four feet above rotor, VHF-FM 1 foot above rotor. Rotor mounted on 5 foot pole, chimney straps. UHF balun UA-75 into ARcher amplifier model 15-1113B, adjustable 10-20 dB, connected to UHF. Sony colour TV model 13TR14, purchased in 1991. Samsung colour TV model 2045, purchased in 1998. Electrohome VHS VCR. Samsung and this VCR are best for DXing. Toshiba VHS VCR model M782, purchased in 1997. Philips stereo converter model CT 3600 which has separate inputs for cable, VHF and UHF.

About the Samsung colour TV model 2045: This was mentioned in *Consumer Reports* as being able to receive a distant channel adjacent to a local channel with a minimum of overlap. It does as *Consumer Reports* says. However, this TV has an automatic muting feature. I contacted Samsung's technical service department and this feature is built into the tuner. I expressed my dissatisfaction with this feature and said that it is completely unnecessary. Samsung's senior technician is taking this matter up with the manufacturer in Korea. I am aware that many TVs and VCRs now have this "feature."

May 2000	PDT	
21 Es 1900	XHBC 3 BCN Big "3" center	1210
2100	KNBC 4\$CA Over KOMO-4	1063

June 2000		
01 Es 2030	KRON 4\$CA Over KOMO-4	789
06 Es 2100	KOTA 3 SD	1002
07 Es 1700	KVBC 3\$NV	996
11 Es 2050	KTVK 3\$AZ	1231
2130	KCRA 3\$CA	757
2305	KRON 4\$CA Over KOMO-4	789
12 Es 0245	KTVU 2\$CA CBUT-2 off air	789
21 Es 2130	KREX 5 CO Over KING-5	998
2130	KEYT 3\$CA	1024
29 Es 2150	KCRA 3\$CA	757
30 Es 2100	KCSG 4\$IA Over KOMO-4	1565

July 2000 (July 1 was Canada Day)		
01 Es 0230	KTVN 2\$NV CBUT-2 off air	681
02 Es 0415	KTWO 2 WY CBUT-2 off air	916
10 Es 2137	KSWK 3 KS, Lakin SmokyHillsPTV	
2034	3 ID as UPN 20	
18tr 2100	KPDx 49OR Note #1	252
2200	KEBN 32OR Over local CIVT	288
21tr 2200	KNMT 24OR Over KBCB Bellin.	252
30tr 1830	KDP 58WA Low Power	111
1845	KDL 68WA 3ABN Low Power	111

Note: KPDx over B.C. Knowledge Network rebroad; Saltspring Island, B.C. This has not been on air for some time--but the transmitter appears to be on because the screen has horizontal lines on it.

August 2000		
02 Es 2200	KNBC 4\$CA Over KOMO-4	1063
04 Es 0127	KOB 2 NM CBUT-2 off air	1281
1830	KARK 4 AR Over KOMO-4	1839
1900	KREY 3 CO, Montrose	

04 Es 2300	KEYT 3 CA	1024
2310	KCRL 4 NV Over KOMO-4	681
05tr 0300	KATU 2 OR CBUT-2 off air	252
17 Es 1030	XHBC 3 BC Big "3" Center	1210
September 2000		
02tr 0400	KATU 2 OR CBUT-2 off air	252
2100	KTVU 3 AZ	1231

New Stations

Channel 51 KBEB Bellevue/Seattle first seen July 20/00, stereo Shop at Home. ID as above, always on screen.
Channel 56 KWDK Tacoma/Seattle first seen August 26/00. Daystar TV Network (religious). A big star is shown above the last A. IDs as KWDK-TV 567 Tacoma-Seattle, not stereo.

All channel 3 loggings override CBUT2 rebroad at Chilliwack, BC.. 56 miles east, 590W ERP. This is served by CBC North and carries a colour bar after programming ends.

Jeff Shultz 18 Timber Ln., Forsyth, IL 62535

Equipment: Channel Master Smartenna 3000 A @12'

August 7	(all tropo)	
1805	WTWO 2 IN Terra Haute	86
1806	WTHI 10 IN Terra Haute	86
1808	WBAC 38 IN Terra Haute	86
1815	WRTV 6 IN INDI	150
1816	WISH 8 IN INDI	150
1817	WTHR 13 IN INDI	150
1818	WGIU 30 IN Bloomington	150
1819	WCLJ 42 IN Bloomington	150
1820	WXIN 59 IN INDI	150
1830	WTVW 7 IN Evansville	154
1832	WFIE 14 IN Evansville	154
1834	WEVV 44 IN Evansville	154
1930	WDRB 41 KY Louisville	209
1945	WCET 48 OH Cincinnati	244
1947	WSTR 64 OH Cincinnati	244
2000	WXIX 19 OH Cincinnati	244
2010	KPLR 11 MO St. Louis	113

Paul Mitschler, 1906 All America Road, Hanover, KS 66945 pmitsch@hotmail.com

Equipment: Channel Master antenna 1162 at 35 ft. CM 0100 amp and LXI 13" receiver.

July 2000	CDT	
13 tr 0652	KOTV 6 OK Tulsa	270
	K32BY 32KS Oberlin	200
	K66CD 66KS Phillipsburg	125
0657	KFTO 41OK Tulsa	270
	KOCB 34OK Oklahoma City	298
	KHBS 40AR Fayetteville	354
0735	K66EK 66OK Bartlesville	220
	carried KNCT TV-60 Nowata ID	
	KXOPT 54OK Edmonton	
	KGEB 53OK Tulsa	270
0754	KSBI 52OK Oklahoma City	298
	KFAA 51AR Rogers	296
0837	K65CO 65OK Woodward	

Western TV DX P. Mitschler's report cont'd

	K67CW	67OK	Woodward	
	K69DB	69KS	Hoxie	
	KOHA-LP	65 NE	Omaha	
0959	K57??	57AR	mention Springdale AR	
14tr	0738	K46AH	46OK Medford	226
	KHSX	49TX	Irving	504
0819			Excellent signal from Tulsa and OKC	
0830	KFXK	51TX	Longview	538
	KETK	56TX	Jacksonville	548
	KDTXt	58TX	Dallas	
29 Es	1711	2,4,5	Spanish all with same program	
	1730	KHPO	5 AZ Phoenix	954
			3 Spanish	
	1757	2 in	Spanish replace with Baseball game	
	1800	KASA	2 NM Albuquerque	615
August 2000				
04tr	0650	K60BK	60CO Wray	283
15tr	1136	KNOP	2 NE North Platte	222
18tr	0747	KOED	11OK Tulsa (over KTWU)	270
		KBSD	6 KS Ensign (rarely seen)	243
25tr	0645	K30AC	30MN Marshall	340
		K51EN	51MN Jackson	350
		K51AL	51MN Olivia	360
		K52AB	52MN St. James	320
0700	K55FL	55IA	Spencer	
	K59FN	59MN	Jackson	350
0814	KDNL	30MO	St. Louis	332
	K54AK	54MN	Appleton	
0829	KTCA	2 MN	St. Paul	404
	KDSD	16SD	Aberdeen	380
	K30AC	30MN	Marshall	340
	K30FN	30MN	St. James	320
	K35??		with KDLT	
	K40CO	40IA	Storm Lake	
	KRWF	43MN	Redwood Falls	
	KXLT	47MN	Rochester	360
	KYNE	26 NE	Omaha shows no	
			cochannel, but has DTV interference (WKOW-DT?)	
	0933	KVBM	45MN Minneapolis	

I was pleased to finally get an Albuquerque station. This is a city I have not been able to catch until now. However, I was really surprised with the way digital TV affected my reception of KYNE-26 which showed no co-channel but appeared snowy. While this has been mentioned by other club members, it really helps to experience it first hand. I also want to express my thanks to Doug Smith for the great help his station guide has been.

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO ac001984@acnet.net, FTD is furthest tropo of the day. TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7dish 85" RG11, UA900 amp. Sony KV-13TR27, CM 1110 30", CM 8 bay UHF array 60' .1800' ASL, No re-logs in the same month, only tropo 500+ miles.

August 2				
0600	KETK	56 TX	Jacksonville	532
	KFXK	51 TX	Longview	557
August 3				
0500	KXTX	39 TX	Dallas	518

34

	KDTX	58 TX	Dallas	518
	KSTR	49 TX	Irving	518
August 5				
2130	KADN	15 LA	Lafayette	586
August 6				
0300	WUPL	54 LA	Slidell	705
	K59DG	59 LA	New Orleans	688
	KLTL	18 LA	Lake Charles	548
	WMAH	19 MS	Biloxi	770
	K47DW	47 LA	Alexandria	611
	WNOL	38 LA	New Orleans	694
0330	WAPT	16 MS	Jackson	754
	KLPB	24 LA	Lafayette	567
August 10				
0400	WVLA	33 LA	Baton Rouge	633
August 11				
0530	KDAF	33 TX	Dallas	518
0630	KFWD	52 TX	Fort Worth	522
	KUVN-LP	31 TX	Fort Worth	521
August 12				
0700	KLAF-LP	62 LA	Opelousas	600
	K69HD	69 LA	Church Point	586
	K66FI	66 LA	Opelousas	599
	K46DG	46 LA	Lafayette	587
August 16				
0700	WMAU	17 MS	Bude	697
August 17				
	KLAX	31 LA	Alexandria	618
0500	K49DE	49 LA	New Iberia	596
	K55HA	55 LA	New Iberia	596
	WFSG	56 FL	Panama City	929
	WPAN	53 FL	Fort Walton B.	869
0530	KBTR-LP	19 LA	Baton Rouge	642
0600	K51EC	51 LA	Lake Charles	532
	WGMB	44 LA	Baton Rouge	633
0630	WLAE	32 LA	New Orleans	694
	WGNO	26 LA	New Orleans	694
0700	WPMI	15 AL	Mobile	838
	WEIQ	42 AL	Mobile	825
	K52EV	52 LA	Leesville	574
August 18				
0530	KPXD	68 TX	Arlington	518
0630	KASN	38 AR	Pine Bluff	772
0700	KPXJ	21 LA	Minden	640
August 19				
0600	KTXA	21 TX	Fort Worth	518
August 20				
0400	KLTS	24 LA	Shreveport	616
August 21				
0500	KLDT	55 TX	Lake Dallas	544
August 30				
0400	unid ch 36	Shopping	Alexandria, LA?	
0430	K61GO	61 LA	Hicks	581
0600	K30EM	30 LA	Houma	644
	WHNO	20 LA	New Orleans	688
	WPXL	49 LA	New Orleans	688
	WMPV	21 AL	Mobile	842
0700	KL5B	19 TX	Nacogdoches	517
August 31				
0300	K56DR	56 LA	Baton Rouge	633
	WLPB	27 LA	Baton Rouge	638
	W36AC	36 MS	Mccomb	710

Western TV DX F. Garcia's report concludes

unid ch 61 TCT rel., New Orleans?
KWBJ-LP 39 LA Morgan City 618

Good month of August.

August 30-31 tropo continued with daily Gulf opening to 840 miles from Mobile, AL until Sept. 5.

Total days from

AL	3	AR	1	FL	1
LA	19	MS	7	TX	27

Total number of stations from

AL	3	AR	1	FL	2
LA	30	MS	4	TX	12

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455
jkadet@macomb.com (309)833-1809 {postings}.

Date: Mon, 28 Aug 2000 21:25:51 -0500
Big tropo opening now in progress to the SE.

Got WSB-DT ch. 39 Atlanta at about 575 miles for a new DTV DX record. Also just got W64BO in Franklin, NC, a ch. 64 translator of WHNS-21 Asheville, for another new one.

Have 17 DTVs now in 8 states.

Date: Thu, 7 Sep 2000 05:07:58 -0500
Just IDed WETK-33 in Burlington, VT at 932 miles.

Also getting TV stations as far west as Hays, KS.

Frank Aden, N7SOK, 4096 Marcia Place, Boise, ID 83704 {posting}

Date: Sun, 3 Sep 2000 00:12:56 EDT
Es in all the way up to ch. 6. Did not notice it until 8:30 pm MDT. KSNW ch. 3 KS IDed so far.

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/CM Spartan 3 #0071 preamp and RG-11 coax for UHF, Channel Master 1114 Crossfire w/CM #0040 preamp and RG-6 for VHF, both @20 ft. AGL. DX videotaped w/Sony Handycam model CCD- TR91.

August 2000					
3 Es	1655	XELN	4 Coah	ID	825
	1723	XHCCH	5 Chih	ID	995
	1730	KENW	3 NM	ID	760
	1740	KDBC	4 TX	logo	910

1755	KOCT	6 NM	KOAT ID	780
1803	KOAA	5 CO	5/30	940
2049	WSAZ	3 WV	ID	740
2051	WTAE	4 PA	ABC, logo	930
2140	WUNC	4 NC	UNC TV	790
2200	KTVB	3 CO	wrestling	945
2213	KLVS	4 KS	WAKE news 4	845
4 Es	0041	unid SS	5; to bed	
	0950	KHAS	5 NE	NBC, logo
	0958	KCTV	5 MO	ID
	1000	KGWN	5 WY	Newschannel 5
	1013	WOWT	6 NE	local ad
	1100	KWNB	6 NE	NTV
	1101	KSTP	5 MN	ID, local news on tape
	1103	KOAA	5 CO	5/30
	1200	KIVV	5 SD	Fox 7 news
14 Tr	2102	WLPN-LP	61 LA	TCT network
16 Tr	2255	KTLM	40 TX	
	2257	KEDT	16 TX	PBS
17 Tr	2303	KVDA	60 TX	TMD
26 Tr	2321	KVDA	60 TX	TMD
27 Tr	0002	KEDT	16 TX	signoff
29 Tr	2210	W51CU	51 MS	TBN Biloxi strong
	2306	XHAB	7 TA	
				also in: Corpus 16, San Antonio 60, border
				stations 23, 40
30 Tr	0714	same as last night	+ 36 Austin	
	2049	XHAB	7 TA	505
		XHFOX	17 TA	535

I got some new amps in from Stark Electronics after my RDX labs units (both VHF and UHF) crapped out. The wires came loose on my UHF one, then I think I accidentally fried it while troubleshooting the problem. On the VHF, I think I also fried it while testing the new amp vs. the old one, but leaving the new power supply hooked up. As it turns out, I think the problems were a blessing in disguise, because I'm more satisfied now with the new amps! I've noticed a visible improvement in signal strength (the Channel Master amps have higher gain than the RDX labs units) during openings, and even with semi-locals like New Orleans. Overload does not seem to be any worse than the RDX units. Although I haven't gotten any new long-haul tropo to prove its worth, I'm anxiously awaiting a decent opening and I'd be willing to bet it will outperform the RDX amp. I also purchased a Winegard AP-4800 UHF amp (even higher gain) hooked up with a separate RG-11 cable into an A/B switch, but I haven't noticed much difference compared to the CM. I'll continue to compare it under DX conditions.

Danny Oglethorpe, P.O. Box 17452, Shreveport, LA 71138-0452
Email: doglethorpe@yahoo.com
Tropo: No relogs under 400 miles; no LPTV relogs under 200 miles.
Es: Highlights only.

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Western TV DX *D. Oglethorpe's report begins*

JUNE 2000	UTC			
06 Es	1600	XHAF	4 NAY Tepic	1019
08tr	1020	KMBC	9 MO Kansas City	464
	1210	KRTG	13MO Jefferson City	435
	1212	KOMU	8 MO Columbia	460
	1230	KDNL	30MO St Louis	475
	1352	KSNT	27KS Topeka	472
12Es	1235	XHY	2 YUC Merida (Note # 1)	830
	1258	XHSCA	2 CHIAPAS S. Cristobal	1083
	1400	XHNQR	5 QROO Cancun	891
	1430	XHFM	2 VER Veracruz	930
	1525	X???	4 ??? Note # 2)	
	1740	XHHSS	4 SON Hermosillo	1047
16 Es	2350	XHDRG	2 DUR. Durango	875
20Es	1355	XHY	2 YUC Merida	830
	1505	XHTV	4 DF	958
	1520	XHFM	2 VER Veracruz	930
	1530	XEDK	5 JAL Guadalajara	1003
	1602	XHAJ	5 VER Las Lajas	930
	1615	XHGV	4 VER Las Lajas	930
	1930	XHG	4 JAL Guadalajara	1003
21Es	Same as previous day plus:			
	1620	XEFB	2 NL Monterrey	611
	1945	XHTAU	2 TAMP Tampico	747
22Es	0101	XELN	4 COAH Torreon	752
	0130	XHIV	5 ZAC Zacatecus	856
	0155	XEDK	5 JAL Guadalajara	1003
		XHG	4 JAL Guadalajara	1003
	Late-night Es (2358 CT 6/21 to 0045 CT 6/22):			
	0458	WJBK	2 MI Detroit	904
	0500	KPRY	4 SD Pierre	900
	0505	KTCA	2 MN St Paul	869
	0510	KUSD	2 SD Vermillion	738
	0520	WCCO	4 MN Minneapolis	870
	0535	KTVI	4 IA Sioux City	712
	0543	KXMA	2 ND Dickinson	1110
23tr	1300	KTLM	40TX Rio Grande City	515
24tr	0310	Valley	2,7,9,12,17,23,44,48,60	500+
	0745	XET	6 NL Monterrey	611
	0815	Monterrey 22, 34		
	1230	XHSAW	64NL Monterrey	611
28Es	0055	YSR	2 EI Salvador	1324
	JULY 2000 UTC			
01Es	0318	KTVI	2 MO St Louis	475
04tr	0540	Valley	17, 23, 40	
05Es	1558	XHG	4 JAL Guadalajara	1003
	1625	XEFB	2 NL Monterrey	611
	1638	XEFB	2 COAH Saltillo (Note # 3)	651
	1650	XEFE	2 TAMP Nuevo Laredo	483
	2103	Major skip from Great Lakes and other areas (1603 CT to 2230 CT)		
	2345	WCML	6 MI Alpena (over local)	1037
08Es	1550	XHG	4 JAL Guadalajara	1003
	1535	XEFB	2 NL Monterrey	611
	1656	XELN	4 COAH Torreon	752
	1658	XHSMZ	4 ZAC Sombretete	853
09Es	1535	XHCSA	2 CHIAPAS S. Cristobal	1083
	1600	XHG	4 JAL Guadalajara	1003
	1725	XHAJ	5 VER Las Lajas	930

1820	XEJ	5 CHIH Cd Juarez	746
1900	XEFB	2 NL Monterrey	611
1958	XHBS	4 SIN Los Mochis	1026
2012	XHBQ	3 ZAC Zacatecus (floating)	856
2045	XHFM	2 VER Veracruz	930
2048	XHGV	4 VER Las Lajas	930
2230	XHTV	4 DF	958

Notes:

1 XHY was running unID bars until 0800 CT s/on.
 2 For two years, I assumed the "Televisa Veracruz" programming on channel 4 was XHGV-4. However, XHGV-4 is "TV Mas" and airs educational programs. I think the Televisa programming is a relay of XHAI-9 Las Lajas, but where is the channel 4 located?
 3 This relay of Monterrey was behind the main signal by a couple of seconds and was floating on the main signal.

Many TV Azteca stations are now supering tiny local IDs upper right or left at various times twice an hour. These are full IDs, with calls and location.

What appears to be DTV snow has been seen on channel 2 several times this summer during openings to the Great Lakes area. This might be WKYC-DT Cleveland, but I'm not claiming it as anything.

JULY 2000 UTC

12tr	1205	Valley	9, 17, 40, 44	500+
13tr	1215	Valley	4,5,7,9,17,23,40,44,48,54,60	
	1300	KADM-LP	63TX Corpus Christi	385
	1430	KGNS	8 TX Laredo	481
Es	2200	WSB	2 GA Atlanta	551
14Es	0020	KMID	2 TX Midland	487
tr	0545	KCTV	4 MO Kansas City	464
Es	0550	Detroit 2, 4		
tr	0555	WDAF	5 MO Kansas City	464
tr	0645	Valley	7, 9, 14, 17, 23, 44	
15 Es	2220	XHFM	2 VER Veracruz	930
	2235	XHCSA	2 CHIAPAS S. Cristobal	1083
	2305	XHAO	4 CHIAPAS S. Cristobal	1083
16Es	0215	XEFB	2 NL Monterrey	611
	0220	Guadalajara 2, 4		
	0302	XHBS	4 SIN Los Mochis	1026
17tr	0800	Valley	UHF	
		XHSAW	64(Could have been NL or COAH.)	
	0910	Nuevo Laredo	21 (floating on local), 57	483
	1045	WJTC	44 FL Pensacola	410
	1400	Monterrey 22, 34		
20tr	1200	Valley	7, 9, 17, 23, 40 44, 60	
	1220	Laredo/Nuevo Laredo	8, 11, 21, 57	
		XHSAW	64(Could have been NL or COAH.)	
	1230	KVVV-LP	53 TX Houston	205
21 tr	1200	Valley	2, 5, 7, 9, 17, 23, 40, 44, 48	
	1310	unID	30TX Mx videos; SW	
24Es	Early morning Es (0630 CT):			
	1130	Denver	2, 4	806
		KOAA	5 CO Pueblo	734
	1205	KACV	2 TX Amarillo	501

Western TV DX *D. Oglethorpe's report conclud*

	1215	KAMR	4 TX Amarillo	501
	1228	KASA	2 NM Santa Fe	753
	1235	KUTV	2 UT Salt Lake	1160
	1245	KFQX	4 CO Grand Junction	949
	1250	KNAZ	2 AZ Flagstaff	1045
		KWCW	4 WY Lander	1071
	1335	Albuquerque	4, 5	764
27Es	0100	XHAQ	5 BCN Mexicali	1265
29Es	1515	XHNQR	5 QROO Cancun	891
	1525	XHTV	4 DF	958
	1558	XHGE	5 CAMP Campeche	890
	1730	XHQ	2 SIN Guamuchil	988
	1750	XEDK	5 JAL Guadalajara	1003
	1830	XEFB	2 NL Monterrey	611
	1858	XHATU	5 JAL Atotonilco	1000
	1931	XHBS	4 SIN Los Mochis	1026
	1900	XHI	2 SON Cd Obregon	1026
30 Es	1524	XELN	4 COAH Torreon	752
	1530	XHIAI	2 COAH Circle-2 logo	

AUGUST 2000 UTC

3 Es	1520	Miami	2, 4	939
	1559	Green Bay	2, 5	892
	1605	WDTV	5 WV Westin	876
	1610	WTTG	5 DC	1042
	1613	Snow	2	
	1635	CKCO2	2 ON Warton	1103
	1700	WUND	2 NC Columbia	1031
	1703	WUNC	4 NC Chapel Hill	875
		WRAL	5 NC Raleigh	896
	1710	WMAQ	5 IL Chicago	737
	1728	WMAR	2 MD Baltimore	1072
	1735	Detroit 2, 4		
	1748	WCIV	4 SC Charleston	805
	2128	XHTV	4 DF	958
	2156	XHG	4 JAL Guadalajara	1003
	2218	XEFB	2 NL Monterrey	611
	2328	XHATU	5 JAL Atotonilco	1000
4 Es	0115	WCSC	5 SC Charleston	805
	0201	XHBS	4 SIN Los Mochis	1026
	0238	KWGN	2 CO Denver	806
	0325	KNOP	2 NE North Platte	717
	0435	KCNC	4 CO Denver	806
		KOAA	5 CO Pueblo	734
	0440	KGWN	5 WY Cheyenne	859
	0455	KTWO	2 WY Casper	996
	0635	KNAZ	2 AZ Flagstaff	1045
	0650	KPHO	5 AZ Phoenix	1065
	0655	KVVU	5 NV Henderson	1238
tr	1115	KBEJ	2 TX Fredericksburg	335
Es	1428	Many of same stations as previous day plus:		
	1430	WTOM	4 MI Cheboygan	1042
	1445	WRC	4 DC	1042
	1455	WTAE	4 PA Pittsburgh	945
	1500	WTMJ	4 WI Milwaukee	801
		WBAY	2 WI Green Bay	892
	1535	WEWS	5 OH Cleveland	917
	1542	WBKP	5 MI Calumet	1063
	1550	KSTP	5 MN St Paul	869
	1558	KGAN	2 IA Cedar Rapids	672

	1603	WCMMH	4 OH Columbus	795
		Snow	2	
	1620	WDTN	2 OH Dayton	735
		WNEM	5 MI Bay City	943
	1625	WBMM	2 IL Chicago	737
	1630	WOI	5 IA Ames	650
	1635	KIVV	5 SD Lead	987
	1645	KFYR	5 ND Fargo	1012
	1659	KGFE	2 ND Grand Forks	1086
	1701	KXJB	4 ND Valley City	1028
	1730	KWSE	4 ND Williston	1206
	1757	CKX	5 MB Brandon	1247
		CKND2	2 MB Minnedosa	1279
16Es	1645	XHTAU	2 TAMP Tampico	747
	1655	XHTV	4 DF	958
	1728	XHHHN	2 OAX Huajuaplan	1083
17tr	1220	Valley	23, 40	500+
Es	2030	XHFM	2 VER Veracruz	930
18Es	0310	KDKA	2 PA Pittsburg	945
		WFMY	2 NC Greensboro	838
		WGRZ	2 NY Buffalo	1091
	0335	WDTN	2 OH Dayton	735
		Snow	2	
tr	0755	Valley	7, 9, 17, 40, 44	500+
	1233	XHSAW	64(NL or COAH)	
25Es	1330	KNAZ	2 AZ Flagstaff	1045
	1340	WPBT	2 FL Miami	939
	1435	XHCSA	2 CHIAPAS S. Cristobal	1083
28tr	1020	unID	25 Full bars; west (not Waco)	
	1110	Montgomery	AL 20, 32	436
	1120	WIAT	42AL Birmingham	410
	1220	WJSP	28GA Columbus	512
30tr	0830	Valley	4, 7, 9, 17, 23, 40 (floating on local), 44, 48	500+
	1145	KRGV	5 TX Wesiaco	501

Dave Pomeroy, 2321 S.E. Libra Ct., Topeka, Kansas

66605-3505

June 2000

05Es	2130	KTVN	2 Reno, NV	1285
07Tr	0630	KPXD	68 Arlington, TX	
		KJTL	18 Wichita, Falls TX 374	
			17-19-23-41-47-53 Tulsa area	
			14-25-34-43-52-62 Oklahoma City, OK	
	0700	KTAB	32 Abilene, TX	515
Es	2000	KUTV	2	
		KTVX	4 Salt Lake City, UT	882
	2100	KREG	3* Glenwood Springs, CO	
Tr	2140	KOTV	6 Tulsa, OK (rare)	207
		KTEN	10 Ada, OK	
	2240	KDFW-DT	35 Dallas, TX	
		KXII	12 Sherman, TX	350
		KETK	56 Jacksonville, TX	
			33-39-52-58-68 Dallas-Ft. Worth, TX	
08	1200	UNID	22 Spanish ad for F. Mier SA	
15	0600	KOZJ	26 Joplin, MO (rare)	
19	0600	WICS	20 Springfield, IL	
		KWKB	20 Iowa City, IA	293
		KWWL	7 Waterloo, IA	
		WHO	13 Des Moines, IA (over WIBW-13)	
		WXOW	19 WHLA-31 LaCrosse, WI	

Western TV DX *D. Pomeroy*

June 19
0600 KMEG 14
KPTH 44 Sioux City, IA 248

June 20
0330 KSDK-DT* 35 St. Louis, MO
KMOX-DT* 56 St. Louis, MO

June 22 Es
1800 KVBC 3 Las Vegas, NV 1078
Tr
2230 K61GJ 61* Aurora, MO
KWBS 34* Eureka Springs, AR 200
unid 36 "KFD" in lower right corner SE
K67EO .67* Bentonville, AR
2330 KSDK-DT 35
KMOX-DT 56 St. Louis, MO
KTVI-DT 43* St. Louis, MO
(DTV snow wiped out local)

LPTV 43)
June 23
1200 KBDK 14* Hoisington, KS 174
K22CP 22 Salina, KS
K20BU 20 Russell, KS
0600 WFLD 32 Chicago, IL
WFLD-DT 31* Chicago, IL
0630 WMBD 31
WEEK 25 Peoria, IL 342
WICS 20 Springfield, IL
WYIN 56 Merrillville, IN
WGBO 60 Aurora, IL
WGBO 66 Chicago, IL
WVUT 22 Vincennes, IN 440
1900 WKON 52 Owenton, KY 584
1930 WTVQ 36 Lexington, KY
WLKY 32 Louisville, KY 530
WGRB 34* Campbellsville, KY 576
WKPC 15 Louisville, KY
WKOH 31 Owensboro, KY
WKMJ 68 Louisville, KY 530

June 25 Es
1400 CBKT-2 4 Moose Jaw, SK
KWSE 4* Williston, ND
KRTV 3 Great Falls, MT 979
1500 CFQC-1 3 Stranraer, SK 1077
2000 WPSX 3 Clearfield, PA 919
2100 KYW 3 Philadelphia, PA
2200 WHSV 3* Harrisonburg, VA 915
WMAR 2 Baltimore, MD 1015
KDKA 2 Pittsburgh, PA 834

Jim Pizzi, 5937 Coleman St., North Las Vegas, NV 89031 (702)839-1161

May 21, 2000 Es Last log from Paso Robles, CA
2015 KPRY 4 ID
Moved to Las Vegas NV 6-15-00

July 6, 2000 Es
1250 KPRC 2 TX Calls
1405 KMOL 4 TX S. Antonio pro
1602 KJRH 2 OK Local nx

July 7, 2000 Es
1800 KTVQ 2 MT ID

July 8, 2000 Es
1800-2000 KPRC 2 TX
2000 KTVQ 2 MT
2030 KSNC 2 KS KSN
2200 KACV 2 TX ID

July 16, 2000 Es
2000 KDFW 4 TX Fox 4
2000 KTAL 6 LA Nx
2001 KFDX 3 TX w/o KVBC-3

July 26, 2000 Es
1730 KDTN 2 TX calls

August 3, 2000 Es
1915 CFAC 2 AB 2/7 ID

Although I can see the Black Mtn. xmtr site for L.V. 3-5-8 etc., 3 & 5 can be nulled to the N.E., also shadowed by my house in that direction (SSE). Had SS on Chs 2,4,&6 almost every day in July (SSE). Probably Los Mochis-Obregon area, but no IDs. Getting used to living in a big (1.5 M) city--it's a challenge.

William Eckberg, 1032 Sterling Rd. Dixon, IL 61021-9355

August 2000 CDT
02 Es 1240 WEDU 3 FL 1031
1300 WPBT 2 FL 1229
WESH 2 FL 983
04 Es 0010 XEPM 2 CH 1162
1755 CFAP 2 PQ 938
1800 CBOT 4 ON 716
CFRS 4 PQ 974
1830 CHAU 5 PQ 1184
1900 WBZ 4 MA 918
2100 WFSB 3 CT 842
08 tr 1850 KSAX 42 MN 404
15 tr 2205 KHNE 29 NE 464
17 tr 0515 WYTV 33 OH 450
0535 WYMT 57 KY 449
0600 WUNF 33 NC 558
WFLG 68 VA 487
Es 2205 ICRT 2 Cuba 1361
18 Es 0050 KPRC 2 TX 893
0100 XHRIO 2 TAM 1201
tr 2305 KTVP 29 AR 463
23 tr 0205 KSAX 42 MN 404
24 tr 0450 KSAX 42 MN 404
25 tr 0635 KSAX 42 MN 404
0700 KDSO 16 SD 509
0915 K67HG 67 MN 294
1425 KHNE 29 NE 464
KXNE 19 NE 402

27tr 1200 KHNE 29 NE 464
KXNE 19 NE 402
2240 KSAX 42 MN 404
2310 KDSO 16 SD 509
28tr 0400 KDSO 16 SD 509
29tr 1200 K33ED 33 IA 201
2010 KSAX 42 MN 404
2230 KDSO 16 SD 509
2300 K68DK 68 KS 334
(xltr? Overland Park)
2315 K68BM 68 SD 571
(xltr KPRY-4, Lowry)

30tr 0230 KJRE 19 ND 528
0345 WYOW 34 WI 286
0540 KXNE 19 NE 402
0545 KHNE 29 NE 464
31tr 0005 KSAX 42 MN 404
0155 WOAC 67 OH 417

On August 4, I received two new Quebec stations within a minute on Ch. 4 via E skip. Call it incredible luck to ID both through my local ch 4. Also saw rare early AM Es on August 18.

The evening of August 29, saw 550 mi tropo to both Dakotas including a SD Xltr (Lowry-68) and an Ellendale, ND-19 educational (Prairie-TV). Both were snowfree. I listed an Overland Park, KS (K68DK) logging even as they are close (334 mi) and I've received them before. I saw a KUJH ID and programming from the ANC. In 1996, K14JY in Lawrence, KS had a KUJH bogus ID. One source lists the ch. 68 as an xltr automated. I am confused. Does anyone know what Overland Park-68 is doing?

Pat Dyer, WASIYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744
<http://home.swbell.net/pjdier/index.html>
pjdier3@junio.com (mostly for listservs and, unfortunately, much UCE!) pjdier@swbell.net (for "urgent" traffic, large files and attachments)

Equipment: (1987) Emerson 872 VCR into (1994) 9" Keepsafer b&w CCTV monitor (1973) Archer V-100 and (<1971) 8-bay bow-tie UHF array 20' AGL with rotor - early 1980's RG-6 VHF and 300-ohm twin-lead UHF feeds (c. 50')

Western *Pat Dyer begins*

June 2000 CST (GMT-6) st.miles
01 Es 0829 KNAZ 2 AZ 844
05 Es 0959 KDLO 3 SD 1072
05 Es 0959 KUSD 2 SD 944
05 Es 1035 KGFE 2 ND 1291
05 Es 1232 KXMA 2 ND 1215
05 Es 1242 KYUS 3 MT 1233
05 Es 1243 KOTA 3 SD 1047
05 Es 1415 KTVQ 2 MT 1247
05 Es 2044 KVBC 3 NV 1054
06 Es 1402 KWGN 2 CO 803
06 Es 2229 KUSD 2 SD 944
06 Es 2234 KNOP 2 NE 820
07 Es 0057 WJBK 2 MI 1240
07 Es 0849 WJBK 2
07 Es 0949 WBAY 2 WI 1184
07 Es 1116 KDLO 3 SD 1072
07 Es 1700 WBTV 3 NC 1092
07 Es 1755 KTWQ 2 WY 1012
07 Es 1814 WEDU 3 FL 994
07 Es 2128 KWGN 2 CO 803
07 Es 2132 KOTA 3 SD 1047
08 Es 0755 WSAZ 3 WV 1124
08 Es 0851 KDKA 2 PA 1294
08 Es 0950 WBAY 2 WI 1184
08 Es 0959 KDLO 3 SD 1072
09 Es 0759 WESH 2 FL 1044
09 Es 1554 KUTV 2 UT 1085
09 Es 1817 KTVK 3 AZ 838
09 Es 1832 KCBS 2 CA 1188
10 Es 1330 KTCA 2 MN 1118
10 Es 1400 KIMT 3 IA 1012
10 Es 1430 KGAN 2 IA 962
10 Es 1804 KCBS 2 CA 1188
10 Es 2033 KDLO 3 SD 1072
10 Es 2034 KXMA 2 ND 1215
11 Es 0810 WJBF 6 GA 1025
12 Es 0758 KOTA 3 SD 1047
12 Es 0759 WTVQ 2 IN 928
12 Es 0829 WEDU 3 FL 994
12 Es 0943 WDIQ 2 AL 740
12 Es 1021 WRBL 3 GA 843
12 Es 1059 WESH 2 FL 1044
12 Es 1243 KTVK 3 AZ 838
12 Es 1327 KCBS 2 CA 1188
12 Es 1357 XHBC 3 BCN 1024
12 Es 1459 KEYT 3 CA 1297
12 Es 1629 WDIQ 2
12 Es 1724 WRBL 3
12 Es 1758 WBTV 3 NC 1092
12 Es 1759 WSB 2 GA 888
13 Es 0759 WDIQ 2 AL 740
13 Es 0947 KQTV 2 MO 742
13 Es 1000 KGAN 2 IA 962
13 Es 1038 KTVQ 2 MT 1247
13 Es 1104 KDLO 3 SD 1072
14 Es 1903 KGFE 2 ND 1291
14 Es 2017 KDLO 3 SD 1072
15 Es 1039 XHBC 3 BCN 1024

16 Es 0831 KTVI 2 MO 783
16 Es 0944 WAVE 3 KY(IN) 976
16 Es 0959 KLNE 3 NE 754
16 Es 1042 KNOP 2 NE 820
16 Es 1659 WJSJ 2 TN 1012
16 Es 1705 WWAY 3 NC 1239
16 Es 1858 WDTN 2 OH 1078
16 Es 1958 WBTV 3 NC 1092
16 Es 2131 KGFE 2 ND 1291
16 Es 2153 KGAN 2 IA 962
17 Es 1159 KGAN 2 IA 962
17 Es 1951 KVBC 3 NV 1054
17 Es 2047 KTCA 2 MN 1118
17 Es 2059 KUSD 2 SD 944
17 Es 2107 KDLO 3 SD 1072
17 Es 2120 KXMA 2 ND 1215
17 Es 2136 KGFE 2 ND 1291
17 Es 2212 KTWQ 2 WY 1012
18 Es 0854 WSB 2 GA 888
18 Es 0909 WDTN 2 OH 1078
18 Es 0929 WBTV 3 NC 1092
18 Es 0946 WRCB 3 TN 869
19 Es 2059 KUSD 2 SD 944
20 Es 1407 WEDU 3 FL 994
20 Es 2059 WESH 2 FL 1044
20 Es 2059 WPBT 2 FL 1149
20 Es 2053 WEDU
21 Es 1418 WEDU 3 FL 994
21 Es 1459 WPBT 2 FL 1149
21 Es 1519 WESH 2 FL 1044
21 Es 1618 WWAY 3 NC 1239
21 Es 2348 WBAY 2 WI 1184
21 Es 2349 WISC 3 WI 1065
21 Es 2359 KTCA 2 MN 1118
22 Es 0000 KTCA 2 MN 1118
22 Es 0000 KIMT 3 IA 1012
22 Es 0828 WCBQ 2 SC 1141
22 Es 0913 WAVE 3 KY (IN) 976
22 Es 0929 WEDU 3 FL 994
22 Es 0934 KGFE 2 ND 1291
22 Es 0949 KBME 3 ND 1189
22 Es 0959 KUSD 2 SD 944
22 Es 1100 KXMA 2 ND 1215
22 Es 1125 KDLO 3 SD 1072
23 Es 1011 KGAN 2 IA 962
24 Es 1021 KGFE 2 ND 1291
24 Es 1701 WISC 3 WI 1065
24 Es 1701 WBAY 2 WI 1184
24 Es 1707 KGAN 2 IA 962
24 Es 2216 WFMY 2 NC 1175
25 Es 0147 KGAN 2 IA 962
25 Es 0151 KIMT 3 IA 1012
25 Es 0230 KTCA 2 MN 1118
25 Es 0959 KBME 3 ND 1189
25 Es 1008 KXMA 2 ND 1215
25 Es 1948 WDTN 2 OH 1078
25 Es 1958 KTCA 2
25 Es 2010 KGAN 2
26 Es 0811 KTCA 2 MN 1118
26 Es 0837 KDLO 3 SD 1072
26 Es 0854 WISC 3 WI 1065
26 Es 0858 WBAY 2 WI 1184

26 Es 1021 KMTV 3 NE 831
26 Es 1056 KNOP 2 NE 820
27 Es 0845 KTCA 2 MN 1118
27 Es 1111 WBAY 2 WI 1184
27 Es 1824 KCBS 2 CA 1188
27 Es 1901 KVBC 3 NV 1054
28 Es 0928 KTCA 2 MN 1118
28 Es 1019 KGFE 2 ND 1291
28 Es 1100 WBAY 2 WI 1184
28 Es 1100 KDLO 3 SD 1072
28 Es 1128 KUSD 2 SD 944
28 Es 1129 KGAN 2 IA 962
28 Es 1140 KBME 3 ND 1189
29 Es 1900 WWAY 3 NC 1239
29 Es 2030 WFMY 2 NC 1175
29 Es 2031 WBTV 3 NC 1092
29 Es 2104 WSAV 3 GA 1043
29 Es 2128 WESH 2 FL 1044
30 Es 1148 WEDU 3 FL 994
30 Es 1258 WESH 2 FL 1044
30 Es 2150 WJBK 2 MI 1240

July 2000
01 Es 1858 KNAZ 2 AZ 844
01 Es 1859 KVBC 3 NV 1054
01 Es 2007 WDTN 2 OH 1078
01 Es 2121 WBBM 2 IL 1055
01 Es 2258 KUSD 2 SD 944
02 Es 0030 KGAN 2 IA 962
02 Es 1458 WTVQ 2 IN 928
02 Es 0907 KGFE 2 ND 1291
02 Es 0929 KXMA 2 ND 1215
02 Es 1116 KDLO 3 SD 1072
02 Es 1146 KTCA 2 MN 1118
02 Es 1617 KBME 3 ND 1189
02 Es 1659 KOTA 3 SD 1047
02 Es 1959 KDLO 3
03 Es 0903 KGAN 2 IA 962
03 Es 0943 WESH 2 FL 1044
03 Es 1546 WBAY 2 WI 1184
03 Es 1708 KIMT 3 IA 1012
03 Es 1721 KTCA 2 MN 1118
03 Es 1856 KGAN 2
04 Es 1345 WESH 2 FL 1044
04 Es 1600 WCBQ 2 SC 1141
04 Es 1626 WWAY 3 NC 1239
05 Es 0829 KTVI 2 MO 783
05 Es 1158 WCBQ 2 SC 1141
05 Es 1357 WTVQ 2 IN 928
05 Es 1407 WJBK 2 MI 1240
05 Es 1414 WDTN 2 OH 1078
05 Es 1425 WWMT 3 MI 1163
05 Es 2129 WSAZ 3 WV 1124
05 Es 2201 WFMY 2 NC 1175
06 Es 0748 WESH 2 FL 1044
06 Es 0755 WTVQ 2 IN 928
06 Es 0911 KGAN 2 IA 962
06 Es 1126 KPLO 6 SD 1001
06 Es 1530 XHBC 3 BCN 1024
06 Es 1957 KCBS 2 CA 1188
06 Es 1958 KNAZ 2 AZ 844
06 Es 1958 KEYT 3 CA 1297
06 Es 2028 KVBC 3 NV 1054

Western Pat Dyer concludes

06 Es 2123 KLNE	3 NE	754
06 Es 2138 KTCA	2 MN	1118
06 Es 2227 KNOP	2 NE	820
06 Es 2253 KOTA	3 SD	1047
08 Es 0959 WCIA	3 IL	932
08 Es 1058 KTVI	2 MO	783
08 Es 1926 WSB	2 GA	888
08 Es 2208 KUTV	2 UT	1085
09 Es 0843 KGAN	2 IA	962
09 Es 0954 WEDU	3 FL	994
09 Es 1259 XHVIZ	3 TAB	870
09 Es 1536 XHBC	3 BCN	1024
10 Es 1754 KGAN	2 IA	962
10 Es 2105 KIMT	3 IA	1012
10 Es 2159 KTCA	2 MN	1118
12 Es 1608 WBTV	3 NC	1092
12 Es 1658 WDTN	2 OH	1078
12 Es 1658 KIMT	3 IA	1012
12 Es 1725 KGAN	2 IA	962
12 Es 1758 KOTA	3 SD	1047
13 tr 0647 WBRZ	2 LA	447
13 Es 0910 KTCA	2 MN	1118
13 Es 1358 KWGN	2 CO	803
13 Es 1459 KOTA	3 SD	1047
13 Es 2002 WJBK	2 MI	1240
13 Es 2100 WBAY	2 WI	1184
13 Es 2109 KGAN	2 IA	962
13 Es 2322 KTCA	2	
14 tr 0751 WNOL	38 LA	520
14 tr 0752 WVLA	33 LA	442
14 Es 1655 WDIQ	2 AL	740
14 Es 1735 WEDU	3 FL	994
14 Es 1759 WPBT	2 FL	1149
14 Es 1905 KTVK	3 AZ	838
14 Es 1958 KTCA	2 MN	1118
14 Es 2108 KGAN	2 IA	962
16 Es 0034 KCBS	2 CA	1188
16 Es 1702 KUTV	2 UT	1085
17 Es 0959 KDLO	3 SD	1072
17 Es 1008 WAVE	3 KY (IN)	976
17 Es 1119 KGAN	2 IA	962
17 Es 1458 KUSD	2 SD	944
17 Es 1659 WESH	2 FL	1044
17 Es 1736 WFMY	2 NC	1175
18 tr 0323 WNOL	38 LA	520
18 tr 0405 KLFY	10 LA	397
18 tr 0446 KPLC	7 LA	341
18 Es 1032 KTVI	2 MO	783
18 Es 1044 WDTN	2 OH	1078
18 Es 1059 WSIL	3 IL	793
21 tr 0837 WNOL	38 LA	520
21 tr 0838 WLAE	32 LA	520
21 Es 1101 WBAY	2 WI	1184
21 Es 1115 WJMN	3 MI	1312
21 Es 1359 KGAN	2 IA	962
21 Es 1929 WFMY	2 NC	1175
22 tr 0358 KLFY	10 LA	397
22 tr 0424 WNOL	38 LA	520
22 tr 0426 WVLA	33 LA	442
22 tr 0712 WLAE	32 LA	520

23 Es 1527 KWGN	2 CO	803
23 Es 1959 KGEF	2 ND	1291
24 Es 0530 KGAN	2 IA	962
24 Es 0559 KTVQ	3 MO	839
24 Es 0653 KIMT	3 IA	1012
24 Es 0729 KMTV	3 NE	831
24 Es 0738 KWGN	2 CO	803
24 Es 0754 KDLO	3 SD	1072
24 Es 0811 KLNE	3 NE	754
24 Es 0837 KOTA	3 SD	1047
24 Es 0859 KVBC	3 NV	1054
24 Es 0900 KTVS	3 CO	806
24 Es 0906 KEYT	3 CA	1297
24 Es 0927 KCBS	2 CA	1188
24 Es 0938 KTVK	3 AZ	838
24 Es 1021 XHBC	3 BCN	1024
24 Es 1200 KNAZ	2 AZ	844
25 Es 1641 KTCA	2 MN	1118
26 Es 1140 XHBC	3 BCN	1024
26 Es 1344 KGAN	2 IA	962
26 Es 1431 KOTA	3 SD	1047
26 Es 1448 KWGN	2 CO	803
26 Es 1457 KTVS	3 CO	806
26 Es 1510 KGEF	2 ND	1291
26 Es 1612 WAVE	3 KY (IN)	976
26 Es 1630 WDTN	2 OH	1078
26 Es 1650 KTWQ	2 WY	1012
26 Es 1958 KVBC	3 NV	1054
26 Es 1959 KNAZ	2 AZ	844
27 Es 0612 KGAN	2 IA	962
27 Es 1222 KOTA	3 SD	1047

Comments:

Es relogs with a 6-hour (or more) spacing during the same calendar CST day are included this time. Lots of late-nite/week-hour Es events this season, often into the MN-IA regions. Some of the shorter skip (e.g., WDIQ) at times must have been arriving at very high-angles since there was a distinct lack of antenna directivity on them. More frequent loggings of the various Ch 2 educational stations this season were assisted by their use of logos of calls or networks (e.g., KTCA "tpt", WDIQ "apt") being continually displayed in a screen corner (usually, lower right). For whatever reason, the Prairie Public TV's (ND) use of a triangularly-shaped one somewhat resembles what many of the commercial stations use for a tornado watch/warning! (Though more often those are placed at the TOP of the screen.) KGAN's frequent loggings (other than due to any favorable propagation range, etc) come from their distinctive,

large, high-contrast, very well-placed, often-used ID/logo. It is also at nearly the null point for the local K02MX garbage that's been emanating from downtown since July of 1998! A few Es Ch 3's have a "habit" of appearing here without any Ch 2's, most notably WEDU (all that "vacant" Gulf), KIDK, KOTA, and XHBC. Some of the "leaner" days for the TV log here actually MAY have been the better Es days since I was concentrating on the MUF at 88-108 and higher (and, as well, getting ID's from 6-7 deep Ch 2/3 has always been difficult!) In fact, some of those days produced NIL TV loggings, and (except for maybe some hi-VHF Es :->) I wont clutter things here with multitudes of unID reports. A good example would be Jun 11 with some 144-MHz Es to the Carolinas yet only TV Es, a Ch 6, was identified. Feb 13 is another, 144-MHz major Es to southern CA and NO TV ID's made. (In fact, the Corpus Christi area had a 222-MHz Es path to that CA area that evening!) KBEJ-2 conducted some transmitter tests during April and July, but they managed to avoid seeing most of the effects of this Es/tropo season likely devastating their signal at our range of 48 miles. The lack of many good UHF tropo catches (besides my low and aging UHF array, etc) largely comes from the fact that the Emerson 872 has only 4 memories that I can put UHF channels into (unless I want to displace Ch 2-13) as well as its less-than 0.25" square teeny pushbuttons for the up/down channel slewing - which can get hard very fast on the fingers! The usual plethora of shopping channels, religious and Hispanic nets, etc can also be a chore to wade through - especially when this VCR doesn't display the "real" channel tuned to. In some ways, the old non-detent UHF dials on my Penncrests were more DXer-friendly for me! (One of those Teknika tuners should have been grabbed up 10-15 years ago.) At least the 872 does NOT go to blue on non-perfect signals.

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Equipment: Winegard PR-9032 UHF antenna at 35', Winegard AP-4700 UHF pre-amp., Winegard PR-5030 VHF antenna at 32', MFC traps for channels 3, 6, 7 and 26.

7/23 Es					
2123 unIDs-2	SS				
7/24 Es					
0631 XEFB-2	NL Monterrey	1096			
0643 KRGV-5	TX Weslaco, news	1038			
0647 KGBT-4	TX Harlingen, news	1039			
7/25 Es					
1658 WBZ-4	MA Boston, news	1273			
1658 WCVB-5	MA Boston, news	1273			
1659 WGBH-2	MA Boston, "GBH"	1273			
1659 WMAR-2	MD Baltimore, news	1023			
1728 CBFT-2	PQ Montreal, news	1161			
1756 CFAP-2	PQ Quebec, "TQS"	1286			
1759 CFCM-4	PQ Quebec, "TVA"	1284			
7/26 tr					
0626 KAKE-10	KS Wichita, news	244			
0648 KWBS-34	AR Eureka Springs	338			
0729 KSAS-24	KS Wichita, Fox KS	244			
Es					
1641 WESH-2	FL Daytona Beach	1176			
1844 XHCH-2	CH Chihuahua, calls	1033			
1931 XHBS-4	SL Los Mochis, calls	1297			
7/27 tr					
0642 21/33	MO Springfield	312			
Es					
1832 CFAP-2	PQ Quebec, "TQS"	1286			
1853 CBFT-2	PQ Montreal	1161			
1957 CIII2-2	ON Bancroft, Global	982			
7/29 Es					
1604 WCBD-2	SC Charleston, promo	1056			
1605 KPRC-2	TX Houston, ID	797			
1644 WBRZ-2	LA Baton Rouge, ID	792			
1731 XHBS-4	SL Los Mochis, calls	1297			
1759 XEFB-2	NL Monterrey, calls	1096			
7/30 tr					
0611 KIIN-12	IA Iowa City	242			
0611 KEYC-12	MN Mankato	211			
7/31 Es					
2108 CFAP-2	PQ Quebec, "TQS"	1286			
8/1 tr					
0638 KXLT-47	MN Rochester	272			
0700 K43FB-43	IA Des Moines	129			
8/2 tr					
0629 KFXB-40	IA Dubuque	291			
0629 KXLT-47	MN Rochester	272			
0638 K44FK-44	IA Waterloo, TBN	206			
0645 K66FA-66	IA Davenport, 3ABN	258			
0645 KLJB-18	IA Davenport, Fox18	289			
0650 WQPT-24	IL Moline, TP	289			
0659 WHLA-31	WI La Crosse, ID	299			
0718 WXOW-19	WI La Crosse	299			
0727 K53FD-53	IA Iowa Falls	153			
8/3 tr					
0649 KXLT-47	MN Rochester	272			
Es					
2307 unIDs-2	SS, 4, 5				
8/4 tr					
0650 23/47/53	OK Tulsa	349			
0651 KWBT-19	OK Muskogee	369			

0651 KTFO-41	OK Tulsa	351
0652 KRSC-35	OK Claremore, TP	325
0652 KTFX-44	OK Okmulgee	364
Es		
1851 WIVB-4	NY Buffalo, promo	896
2057 CHNB-4	ON North Bay, CTV	893
2058 CIII2-2	ON Bancroft, Global	982
2259 KREM-2	WA Spokane, promo	1144
tr		
2257 KTSB-10	SD Pierre	273
8/7 tr		
0536 K56AF-56	IA Clarinda, KMTV-3	51
0536 K60AK-60	IA Clarinda, KETV-7	51
0552 KXLT-47	MN Rochester	272
0555 10/16	IL Quincy	254
0557 23/29	MN Minneapolis	309
0628 KOOD-9	KS Hays, TP	217
0633 K66AR-66	NE Decatur, NE ETV	66
0634 K68AV-68	NE Blair, NE ETV	32
0648 K51EN-51	MN Jackson, KMSP-9	180
0648 K53EV-53	MN Jackson, KARE-11	180
0649 K59FN-59	MN Jackson, WFTC-29	180
0700 K47EL-47	MN Jackson, WCCO-4	180
0707 KRWV-43	MN Redwood Falls	236
0711 WHWC-28	WI Menomonie	342
1835 18/24	IA Quad Cities	289
1837 38/60/66	IL Chicago	433
1837 WPWR-50	IN Gary, UPN 50	433
1838 WWTO-35	IL La Salle	364
2050 19/31	WI La Crosse	299
2051 10/47	MN Rochester	248
8/8 tr		
2108 19/31	WI La Crosse	299
2109 KMWB-23	MN Minneapolis	309
8/9 tr		
0600 KTSB-10	SD Pierre	273
0600 KFXB-40	IA Dubuque	291
0629 KXLT-47	MN Rochester	272
0630 WKOW-19	WI La Crosse	299
0631 WKOW-27	WI Madison, news	358
0723 WTVQ-17	IL Rockford, NxC17	358
0723 WIFR-23	IL Freeport, CBS 23	358
0726 WDJT-58	WI Milwaukee	432
0727 K59FM-59	IA Iowa Falls, TVLd	153
0728 WCGV-24	WI Milwaukee	434
0730 K33ED-33	IA Iowa Falls, Nick	153
0734 WHPN-57	WI Janesville, UPN57	362
0734 WCFX-LP-51	IL Rockford, TLN	367
8/10 tr		
0555 21/33	MO Springfield	312
0631 10/27	MO Springfield	312
0641 KDNL-30	MO St. Louis, ABC30	344
0644 20/55	IL Springfield	352
0644 WBUI-23	IL Decatur	379
0655 WWWB-34	KY Campbellsville	630
0654 WKOH-31	KY Owensboro, promo	510
0727 31/47	IL Peoria	334
0728 WHHO-53	OH Chillicothe, UPN	683
1830 KXLT-47	MN Rochester	272

1831	WHWC-28	WI	Menomonie	342	2153	13/25	MO	Jefferson City	262	1758	10/47	MN	Rochester	248	0716	58/60	MN	Frost	200
1832	23/29	MN	Minneapolis	309	2154	KFXB-40	IA	Dubuque	291	1800	23/29	MN	Minneapolis	309	0717	WHLA-31	WI	La Crosse	299
1834	K19DX-19	IA	Iowa Falls, LIF	153	2155	19/31	WI	La Crosse	299	1930	WKOW-27	WI	Madison	358	0717	WHWC-28	WI	Menomonie	342
1848	KPKM-41	MN	St. Cloud, PAX	317	2156	23/29/58	MN	Minneapolis	300	1946	K66FA-66	IA	Davenport, TBN	258	8/24	tr			
1917	W62BD-62	MN	Minneapolis, Valv	300	2156	10/47/60	MN	Rochester	248	1946	WEHS-60	IL	Aurora, HSN	433	0631	KPNE-9	NE	North Platte	273
1921	K57GE-57	MN	Jackson, KMWB-23	180	2201	21/27/33	MO	Springfield	312	1947	4/18/24	IA	Quad Cities	289	0635	KXLT-47	MN	Rochester	272
1924	K58BS-58	MN	Minneapolis, TBN	300	2203	KHOG-29	AR	Fayetteville	365	2049	11/45/58	MN	Minneapolis	300	0635	KDSD-16	SD	Aberdeen	317
1928	KMSP-9	MN	Minneapolis	311	2207	12/16	MO	Joplin	287	2051	KPKM-41	MN	St. Cloud	317	0636	23/29	MN	Minneapolis	309
1956	K69GB-69	MN	Minneapolis, 3ABN	300	2210	WHWC-28	WI	Menomonie	342	2052	WLAX-25	WI	La Crosse	299	1847	KABY-9	SD	Aberdeen	295
1957	K67HG-67	MN	Minneapolis, HSN	300	2216	KOLR-10	MO	Springfield	312	2053	K14AF-14	IA	Decorah, IPTV	263	1848	KWCM-10	MN	Appleton	282
1959	KTCA-2	MN	St. Paul, TPT 2	309	2228	KAFT-13	AR	Fayetteville	379	2054	17/67/69	MN	Minneapolis	300	2125	KEYC-12	MN	Mankato	211
2000	KVBM-45	MN	Minneapolis	309	2235	K56AU-56	MO	Columbia, TBN	243	2054	38/50/62	IL	Chicago	433	2126	KRWF-43	MN	Redwood Falls	236
2002	WXOW-19	WI	La Crosse	299	2237	K52DH-52	MO	Springfield, TBN	314	2056	WYIN-56	IN	Gary, pledge \$\$\$	444	2128	K47EQ-47	SD	Milbank	285
2004	K3OAC-30	MN	Marshall, KSTP-5	229	2238	KSBN-57	AR	Springdale	351	2104	W34CK-34	IL	Arlington Hghts.	433	2129	K22DO-22	MN	Granite Falls	257
2007	KTTC-10	MN	Rochester	248	2239	KCLJ-LP-46	MO	Joplin, TBN	293	2105	KIIN-12	IA	Iowa City	242	2131	2/9	NE	North Platte	251
2008	KARE-11	MN	Minneapolis	309	8/12	tr				2108	K44FK-44	IA	Waterloo, TBN	206	8/25	tr			
2010	KSTP-5	MN	St. Paul	309	0003	44/53	OK	Tulsa	349	2108	WMSN-47	WI	Madison	355	0556	WYOW-34	WI	Eagle River	466
2013	KEYC-12	MN	Mankato	211	0007	62/67/69	MN	Minneapolis	300	2109	WDJT-58	WI	Milwaukee	432	0556	WHWC-28	WI	Menomonie	342
2016	K54AC-54	MN	St. James, WCCO-4	219	0010	9/11/17	MN	Minneapolis	309	2112	WVCY-30	WI	Milwaukee, rel.	434	0557	KXLY-47	MN	Rochester	272
2018	WCCO-4	MN	Minneapolis	309	0716	KVBM-45	MN	Minneapolis	309	2112	WGB0-66	IL	Joliet	443	0557	23/29/41	MN	Minneapolis	309
2020	K49DZ-49	IA	Iowa Falls, CMT	153	0725	WHRM-20	WI	Wausau	411	2115	WHPN-57	WI	Janesville, UPN57	362	0559	K41EE-41	SD	Watertown, KDLT	268
2022	K51EP-51	IA	Iowa Falls, A&E	153	0728	WFXS-55	WI	Wittenberg	427	2142	KDSD-16	SD	Aberdeen	317	0615	KAWB-22	MN	Brainerd	376
	K51EP: TV		logging #400!		0744	WYOW-34	WI	Eagle River	466	2143	WHWC-28	WI	Menomonie	342	0617	KESD-8	SD	Brookings	234
2024	K25FA-25	IA	Iowa Falls, TWC	153	0752	WLAX-25	WI	La Crosse	299	2147	WNDU-16	IN	South Bend	505	0618	KDSD-16	SD	Aberdeen	317
2025	WHLA-31	WI	La Crosse	299	0820	WPNE-38	WI	Green Bay	463	2148	WQAD-8	IL	Moline	289	0623	K56BZ-56	MN	Appleton, KARE-11	283
2026	K57GN-57	IA	Iowa Falls	153	8/13	tr				2157	25/31/47	IL	Peoria	334	0628	19/25/31	WI	La Crosse	299
2101	KNLJ-25	MO	Jefferson City	262	2206	23/29	MN	Minneapolis	309	2208	KTSD-10	SD	Pierre	273	0628	34/43	MN	Redwood Falls	236
2102	27/33	MO	Springfield	312	2223	K30FN-30	MN	St. James	219	2209	KABY-9	SD	Aberdeen	295	0630	K30FN-30	MN	St. James	219
2110	KTCI-17	MN	St. Paul, TPT 17	309	2210	KPKM-41	MN	St. Cloud, Pax	317	2211	K50DG-50	SD	Brookings, KTTW17	226	0633	WDIO-10	MN	Duluth, 10/13	437
2113	K60DS-60	MN	Rochester, TBN	274	2213	KXLT-47	MN	Rochester	272	2211	K35FD-35	SD	Springfield, KDLT	158	0636	2/5/9/67	MN	Minneapolis	309
2120	KDNL-30	MO	St. Louis, ABC30	344	2213	KEYC-12	MN	Mankato	211	2221	WIFR-23	IL	Freeport	358	0636	WEUX-48	WI	Chippewa Falls	343
2132	K53CH-53	MN	St. Paul, EWTN	300	2224	KAWB-22	MN	Brainerd, LklndPT	376	2224	W63CU-63	WI	Milwaukee, TP	430	0637	KTTC-10	MN	Rochester	248
2136	KOZK-21	MO	Springfield	312	2225	KRWF-43	MN	Redwood Falls	236	2231	WPXE-55	WI	Kenosha	426	0645	WCCO-4	MN	Minneapolis	309
2203	KMIZ-17	MO	Columbia, ABC 17	240	2239	KTCI-17	MN	St. Paul	309	2232	WMTV-15	WI	Madison	357	0645	WQOW-18	WI	Eau Claire	343
2220	WLAX-25	WI	La Crosse	299	2239	KWCM-10	MN	Appleton	282	2237	WHA-21	WI	Madison	355	0646	WEAU-13	WI	Eau Claire, nx	351
2232	KBSI-23	MO	Cape Girardeau	425	8/14	tr				2239	W49AG-49	WI	Bloomington, WPT	285	0651	52/54	MO	St. James	219
2234	KAWB-22	MN	Brainerd, nx!	376	0648	K47EK-47	IA	Iowa Falls	153	2245	W62BU-62	IL	Rockford, TBN	363	0655	10/21	MO	Springfield	312
2238	WEUX-48	WI	Chippewa Falls	343	0650	18/24	IA	Quad Cities	289	2251	WCFC-LP-51	IL	Rockford	367	0656	K39EV-39	SD	Badger, KDLT-46	244
	8/11	tr			0651	19/31	WI	La Crosse	299	2254	WSBT-22	IN	South Bend	505	0656	K47EQ-47	SD	Milbank, KDLT-46	285
0536	WYOW-34	WI	Eagle River	466	0652	KTTC-10	MN	Rochester	248	2255	WOTV-41	MI	Battle Creek	548	0715	K50AB-50	MN	St. James, WFTC-29	219
0557	K52AB-52	MN	St. James, KARE-11	219	8/15	tr				2330	K41AD-41	IA	Lansing, IPTV	287	0718	K62FH-62	MN	Frost, KEYC-12	200
0601	KWCM-10	MN	Appleton	282	0630	KDSD-16	SD	Aberdeen	317	8/16	tr			1101	W64AC-64	MN	Redwood Falls	244	
0605	K33AB-33	IA	Sibley, IPTV	180	0632	K29CT-29	MN	Worthington	174	0630	19/31/47	IL	Peoria	333	1105	17/58/69	MN	Minneapolis	300
0607	K35DC-35	MN	St. James, TNN	219	0633	KRWF-43	MN	Redwood Falls	236	0630	WEEK-25	IL	Peoria	335	1114	KSAX-42	MN	Alexandria	321
0608	K22DO-22	MN	Granite Falls	257	0636	2/9	NE	North Platte	251	0631	KFXB-40	IA	Dubuque	291	1115	KVRR-15	ND	Fargo, over local	386
0614	K47EQ-47	SD	Milbank, KDLT-46	285	0642	31/47	IL	Peoria	334	0632	23/29	MN	Minneapolis	309	1118	K49FA-49	MN	Fergus Falls	373
0622	KFXB-40	IA	Dubuque	291	0643	WRSP-55	IL	Springfield	352	2123	K30BP-30	NE	Norfolk, KMEG-14	98	1119	K63BW-63	MN	Donnelly, KSTP-5	319
0630	K34DB-34	MN	Redwood Falls	244	0644	23/29	MN	Minneapolis	309	2124	K48CH-48	NE	Norfolk, KTIV-4	99	1120	K52AH-52	MN	Appleton, TNN	283
0634	K63AU-63	MN	Granite Falls	257	0647	KXLT-47	MN	Rochester	272	8/18	tr			1131	K35DK-35	MN	Granite Falls	257	
0637	K66BB-66	MN	Redwood Falls	244	0648	KNLJ-25	MO	Jefferson City	262	0638	KOZK-21	MO	Springfield	312	1139	K25EI-51	MN	Appleton, ESPN	283
0637	K68BJ-68	MN	Redwood Falls	244	0722	KABY-9	SD	Aberdeen	295	2250	19/23	OK	Tulsa	351	1143	K40BU-40	MN	St. James, FamNet	219
0640	K56BZ-56	MN	Appleton, KARE-11	283	0724	62/67	MN	Minneapolis	300	2300	27/33	MO	Springfield	312	1629	WHA-21	WI	Madison, net.ID	355
0643	K56AH-56	MN	Windom, KMSP-9	195	0725	K60FY-60	MN	Frost	200	2333	KSNF-16	MO	Joplin	287	1631	WPNE-38	WI	Green Bay	463
0645	K60AO-60	MN	Redwood Falls	244	0725	K19CA-19	MN	St. James, KEYC-12	219	2142	XEPB-2	NL	Monterrey	1096	1631	WFXS-55	WI	Wittenberg, Fox55	427
0645	K30FN-30	MN	St. James, KRWF-43	219	0725	KEYC-12	MN	Mankato	211	8/21	tr			1633	KTCI-17	MN	St. Paul, wx	309	
0651	K54AK-54	MN	Appleton, KMSP-9	283	0726	K54AC-54	MN	St. James	219	0559	KOLR-10	MO	Springfield	312	1645	K49DB-49	MN	Austin, TBS	226
0705	K49DG-49	MO	Springfield, TBN	305	0727	KAWB-22	MN	Brainerd	376	0600	KMIZ-17	MO	Columbia	240	1648	WJFW-12	WI	Rhineland	462
0721	31/47	IL	Peoria	334	0728	WHWC-28	WI	Menomonie	342	0600	KNLJ-25	MO	Jefferson City	262	1858	WHMB-40	IN	Indianapolis	518
0730	K48AA-48	MN	St. James	219	0728	KPKM-41	MN	St. Cloud	317	8/22	tr			1858	30/58	WI	Milwaukee	432	
0732	K67AN-67	MN	Granite Falls	257	0729	K31EF-31	MN	Frost, KMWB-23	200	0556	WGEM-10	IL	Quincy, newscast	254	1859	WIPB-49	IN	Muncie, calls	557
0735	K47EA-47	MN	Granite Falls	257	0729	58/69	MN	Minneapolis	300	0643	KPNE-9	NE	North Platte	273	1859	WXIN-59	IN	Indianapolis	518
2147	KPOM-24	AR	Fort Smith	385	0730	WEUX-48	WI	Chippewa Falls	343	0643	KOOD-9	KS	Hays, TP	217	1916	56/60	IL	Chicago	433
2148	KHBS-40	AR	Fort Smith	422	0735	WDIO-10	MN	Duluth, 10/13	437	8/23	tr			1917	WTIU-30	IN	Bloomington	516	
2149	KFAA-51	AR	Rogers, //KPOM-24	352	0737	K52AB-52	MN	St. James	219	0715	23/29	MN	Minneapolis	309	1919	WKEF-22	OH	Dayton, NBC 22	621
2149	KWBS-34	AR	Eureka Springs	338	1757	KFXB-40	IA	Dubuque	291	0715	19/31	WI	La Crosse	299	1920	WSBT-22	IN	South Bend	505
2153	8/17	MO	Columbia	240	1757	19/31	WI	La Crosse	299	0715	KXLT-47	MN	Rochester	272	1921	WCFX-38	IL	Chicago, WMAQ nx	433

1922	WIWB-14	WI	Suring, WB14	466	0559	30/46	MO	St. Louis	344
1927	WPWR-50	IN	Gary, UPN 50	433	0601	16/22	IN	South Bend	505
1931	WSTR-64	OH	Cincinnati	616	0603	WICS-20	IL	Springfield, nx	352
1931	WGBO-66	IL	Joliet, UNI, SS	433	0622	WFTC-29	MN	Minneapolis	309
1938	WIPX-LP-51	IN	Indianapolis	522	0622	WFXS-55	WI	Wittenberg, TP	427
1939	WKOW-27	WI	Madison	358	0623	38/60/66	IL	Chicago	433
1959	WJYS-62	IN	Hammond, calls	424	0624	58/63	WI	Milwaukee	430
2005	WINM-63	IN	Angola, TCT ID	578	0625	27/47	WI	Madison	355
2011	WHPN-57	WI	Janesville, UPN57	362	0626	WYOW-34	WI	Eagle River	466
2012	WSNS-44	IL	Chicago, TEL, SS	433	0626	WOTV-41	MI	Battle Creek	547
2012	W34CK-34	IL	Arlington Hghts.	433	0630	KMOV-4	MO	St. Louis, nx	347
2016	WIFR-23	IL	Freeport	358	0634	WIFR-23	IL	Freeport	358
2020	WOTV-41	MI	Battle Creek	548	0640	WSJV-28	IN	Elkhart	506
2021	WTLJ-54	MI	Muskegon, TBN	530	0641	WPWR-50	IN	Gary, UPN 50	433
2025	WPXE-55	WI	Kenosha, WTMJ nx	426	0646	WRSP-55	IL	Springfield	352
2029	W2PX-43	MI	Battle Creek	569	0649	KETC-9	MO	St. Louis	345
2203	WJJA-49	WI	Racine, HSN	434	0650	WCGV-24	WI	Milwaukee	434
2215	WNDU-16	IN	South Bend, nx	505	0651	WPXE-55	WI	Kenosha, Pax 55	426
2216	2/4	MN	Minneapolis	309	0652	WHPN-57	WI	Janesville, UPN57	362
2217	WLLA-64	MI	Kalamazoo, rel.	548	0700	KNLC-24	MO	St. Louis, calls	343
2220	WLAJ-53	MI	Lansing, ABC 53	595	0701	K34BR-34	MO	St. Charles, TBN	323
2222	WTTK-29	IN	Kokomo, WB 4	525	0709	K40FF-40	MO	St. Louis, Pax	341
2227	WHBF-4	IL	Rock Island, nx	285	0719	WNIT-34	IN	South Bend	506
2248	WAQP-49	MI	Saginaw, TBN	626	0723	WSNS-44	IL	Chicago, SS	433
	supered phone #:	(517) 249-4949			0724	KTVI-2	MO	St. Louis, Fox 2	344
2259	WNIT-34	IN	South Bend, ID	506	0725	K62EG-62	MO	St. Louis	346
2259	WHME-46	IN	South Bend, ID	508				calls in upper left constantly	
2330	WSJV-28	IN	Elkhart	506	0728	K58DH-58	MO	St. Louis, videos	345
2337	WCIU-26	IL	Chicago, loc.ad	433	0729	KBSI-23	MO	Cape Girardeau	425
	Floating under local KYNE				2119	25/31/47	IL	Peoria	334
2345	WFFT-55	IN	Fort Wayne	559	2121	WAOE-59	IL	Peoria	337
8/26 tr					2121	WRSP-55	IL	Springfield	352
0650	34/46	IN	South Bend still	506	2122	27/47/57	WI	Madison	355
0937	KNLJ-25	MO	Jefferson City	262	2122	WHA-21	WI	Madison	355
0938	KBSI-23	MO	Cape Girardeau	425	2123	WPNE-38	WI	Green Bay	463
0939	WHSI-46	IL	East St. Louis	344	2123	KFXB-40	IA	Dubuque	291
0941	KDNL-30	MO	St. Louis	344	2128	K44FK-44	IA	Waterloo, TBN	206
8/27 tr					2128	19/25/31	WI	La Crosse	299
0631	23/29	MN	Minneapolis	309	2128	WOTV-41	MI	Battle Creek	547
0626	KTTM-12	SD	Huron, Fox 17	244	2129	KYOU-15	IA	Ottumwa, KXVO on	207
0626	KDSD-16	SD	Aberdeen	317	2131	K66FA-66	IA	Davenport, 3ABN	258
0628	KWCM-10	MN	Appleton	282	2132	WWTO-35	IL	La Salle, TBN	364
0628	KABY-9	SD	Aberdeen	295	2135	20/55	WI	Wausau	411
0631	KKLT-47	MN	Rochester	272	2139	30/46	MO	St. Louis	344
0634	KJRE-19	ND	Ellendale	389	2141	WYOW-34	WI	Eagle River	466
0643	KTSD-10	SD	Pierre	272	2142	KMSP-9	MN	Minneapolis	311
0653	K47EQ-47	SD	Milbank, KDLT	285	2144	WMEC-22	IL	Macomb	278
0655	K28EQ-28	SD	Aberdeen, KDLT	326	2159	KQEG-LP-50	MN	La Crescent	303
8/28 tr					2201	WCEN-49	IL	Springfield, 3 nx	349
0559	KAWB-22	MN	Brainerd	376	2202	WXIN-59	IN	Indianapolis	518
0629	KBMY-17	ND	Bismarck	451	2203	8/18	IL	Quad Cities	289
0642	KDSD-16	SD	Aberdeen	317	2208	K61FF-61	IA	Cedar Rapids, TBN	231
8/29 tr					2209	WHWC-28	WI	Menomonie	342
0634	WHRM-20	WI	Wausau	411	2215	KARE-11	MN	Minneapolis, nx	309
0634	WFXS-55	WI	Wittenberg, TP	427	2216	WEHS-60	IL	Aurora, HSN	433
0637	19/31	WI	La Crosse	299	2227	K38AB-38	IA	Fort Madison, IPT	238
0645	WPNE-38	WI	Green Bay	463	2227	KRIN-32	IA	Waterloo, rare	226
0646	10/47	MN	Rochester	248	8/31 tr				
8/30 tr					0556	16/22/34	IN	South Bend	505
0559	KSDK-5	MO	St. Louis, nx	344	0556	WSJV-28	IN	Elkhart, Fox 28	506

An amazing month for DX again! I added 114 new stations in the previous 39 days, bringing the log total to 481. Highlights of the month were three new states on tropes-Ohio, Michigan and North Dakota-and logging each of them on more than one day during this period! August 25th was an incredible day; at mid-afternoon signals 300-450 miles away were in color and watchable. I've never seen that before here! 73s Matt.

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SOUTHERN FM DX

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

October 2000

Jim Thomas
wdx@fbu
Milliken, CO
MDT

Yamaha TX-900, line preamp, 6 element Archer w/rotor @ 10'. All new.

7/10 Es

1759	WVAS	90.7	AL	Montgomery, ID 1201
1827	KZAT	95.5	IA	Belle Plaine, "Z-95 FM" 695
1858	WPAA	89.7	MS	Centerville 1032
1900	WRBH	89.3	LA	New Orleans, ID 1127
1902	WAWI	89.7	TN	Lawrenceburg, wx 1052
1904	WTBJ	91.3	AL	Oxford, ID 1180
1915	WRAX	107.7	AL	Birmingham 1134
1919	WODL	106.9	AL	Birmingham 1134
1920	WCGQ	107.3	GA	Columbus, "107-3 The Q" 1263
1925	WAID	106.5	MS	Clarksdale, "Power 106.5" 924
1934	WGST	105.7	GA	Canton, ID 1230
1936	WMXU	106.1	MS	Starkville, "Mix 106.1"
1940	unID	106.3	??	??, "Hot 106.3"
1951	WFXX	107.7	AL	Georgiana, "Fox 107 WFXX" 1213

1954 WGFY

104.5	TN	Gallatin, "104.5 The Core," classic hits 1076		
2006	WUCZ	104.1	TN	Carthage, ID 1097
2014	WYOY	101.7	MS	Gluckstadt, wx, "Y-101.7" 999
2018	WALX	100.9	AL	Seima, "Radio never sounded so good, WALX" 1165
2030	WDXX	100.1	AL	Seima, "Dixie 100" 1165
2033	WOOF	99.7	AL	Dothan, "99-7 Woof FM" 1291
2034	WYYX	97.7	FL	Bonifay, "97-X" 1294
2038	WDJR	96.9	AL	Enterprise, ID 1265
2045	WDYL	92.9	MS	Cleveland, ID 928
2048	KISM	92.9	WA	Bellingham, ID 1018
2101	CJJR	93.7	BC	Vancouver 1061
2106	CKZZ	95.3	BC	Vancouver, "The Zed 95.3" 1061

2111 unID

96.9	??	??, "Star 96.9" (likely KEZE Spokane-jz)		
2116	KZOG	100.1	MT	Missoula, NEW STATE!!! 620
2128	KDBR	106.3	MT	Kalispell, ads, "The Bear" 696
2132	KOFI	103.9	MT	Kalispell, "Kickin' Country 103.9" 696

2148 WPPT

94.5	FL	Parker, "94.5 Pirate Radio," ID 1325		
7/12 Es				
1908	WTNT	94.9	FL	Tallahassee 1379
2017	WBST	89.1	LA	New Orleans, "LifeSongs 89.1" 1127

2104 KAXF

89.3	TX	Huntsville, ID 870		
7/16 Es				
1850	XHTPO	94.5	TM	Tampico, ID 1333

John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
Jpzondlo@aol.com
Deadline: 10th

1859	KRVV	100.1	LA	Bastrop, ID, "100.1 The Beat" 917
1909	KJEF	92.9	LA	Jennings, "Cajun Country 92-9" 1008
1956	KOUZ	89.9	LA	Alexandria, baseball 962
2004	XHTLN	94.1	TM	Nuevo Laredo 953
2007	XET	94.1	NL	Monterrey 1059
2046	KCCG	107.3	TX	Ingleside, "Jammmin' Oldies 107.3" 984
2101	XHRYA	90.9	TM	Reynosa 1068
2103	XHRT	95.3	TM	Reynosa 1068
7/16 Es				
2249	KBOY	95.7	OR	Medford, ID 912
9/17 Es				
2200	KLUX	89.5	TX	Robstown, ID 978
8/9 Tr				
0532	KQRN	107.3	SD	Mitchell, ID, "Q-107" 448
0533	KWYR	93.7	SD	Winner, ID 356
0548	KGRD	105.3	SD	Orchard, ID 380
0557	KVCX	101.5	SD	Gregory 369
0600	KPLO	94.5	SD	Reliance, ID 388
0604	KBRB	92.7	NE	Ainsworth, local ads, nx 328
0609	KCLH	104.1	SD	Yankton, ID 453
0625	KALQ	105.9	NE	Alliance, ID 181
0714	KIKN	100.3	SD	Salem, ID, "Kickin' Country 100.5" 476
0734	KHNE	89.1	NE	Hastings 373
0737	KLND	89.5	SD	Little Eagle 437
2236	KASS	106.9	WY	Casper, "Kick 107" 177
8/10 Es				
2232	KDGS	93.9	KS	Andover, "on Wichita's..." 485
8/12 Es				
1512	CICY	105.5	MB	Selkirk, "Manitoba's only original Aboriginal station, NCI FM" 795
2325	WCUZ	101.1	MI	Grand Rapids, "101.3 WCUZ" 1038

Doug Smith - W9WI
1365 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wie@bellsouth.net CDT

Technics ST-G50 tuner, big Radio Shack VHF-TV antenna at 15'

Scary that every logging in a fair-sized report happened within a 2 hour period. Localized tropo has been noted but nothing beyond 300 miles worth reporting.

8/4 Es

1123	KKCS	101.9	CO	Colorado Springs, local ads 984
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Southern FM DX

Smith continued

1137 KGLX	99.1	NM	Gallup, "99.1 KGLX Gallup" 1205
1146 KTRA	102.1	NM	Farmingington, Hwy 666 North ad and "Four Corners Wx" 1151
1148 KVVU	99.9	CO	Pueblo, call ID 984
1149 KKEM	98.1	CO	Colorado Springs, "98.1 KKFM" 984
1150 KCCY	96.9	CO	Pueblo, call ID 984
1151 KMOM	96.1	CO	Fountain, "Mother 96-1" 984
1152 KPCLT	95.7	NM	Farmingington, "Promise Keepers are coming to Albuquerque"
1154 KWYK	94.9	NM	Aztec, "KWYK Quick Radio" 1169
1201 KPRH	88.3	CO	Montrose, "Colorado Public Radio" 1135
1202 KCME	88.7	CO	Manitou Springs, "Listener contributions to KCME" 984
1202 KVMJ	89.1	CO	Montrose, area underwriting announcements 1163 Note #1
1208 KKCH	92.7	CO	Glenwood Springs, "Choice FM 92.7 & 92.3," (92.3 is K222AJ Vail) 1121
1210 KRDO	95.1	CO	Colorado Springs, "Best mix of rock, Peak 95-1"
1212 KGLL	96.1	CO	Greeley, "Better country 96, the Eagle" 1006
1212 KXPK	96.5	CO	Evergreen, Denver PSA 1011
1212 KBCO	97.3	CO	Boulder
1215 KXHK	99.5	CO	Denver, "99.5 the Hawk" 1010
1215 KRFX	103.5	CO	Denver, classic rock, ULTRA STRONG!
1223 KNEC	100.9	CO	Yuma, "KNEC FM, one double zero point nine, Yuma, Colorado" 884
1223 KUAD	99.1	CO	Windsor, Greeley ad 999
1228 KYGO	98.5	CO	Denver, local ad 1023
1229 KZDG	92.5	CO	Greeley 997
1230 KUWR	91.9	WY	Laramie, "Wyoming Public Radio" 1041
1231 unID	90.9	??	??, Pacifica Radio "Democracy Now"
1237 KATR	98.3	CO	Otis, call ID 901
1243 KXMK	93.9	SD	Rapid City, "Magic 93.9," local announcements 999
1306 KUWG	90.9	WY	Gillette, "Wyoming Public Radio" 1104
1308 KRNET	91.5	NE	Merriman, classical request for Lincoln
1324 (KKRY)	92.5	MT	Miles City, call ID and local sports, previously logged as KMCM 1178

Note #1: FM logging #1,000

Eric Bueneman (NOUIH)
 631 Coachway Lane
 Hazelwood, MO 63042-1347
 (314) 839-9751
 NOUIHeric@aol.com
<http://www.geocities.com/TelevisionCity/Taping/7423/K-Index.htm>
 CDT

Realistic STA-90 AM/FM stereo receiver,
 Radio Shack VU-210XR with RS Archerot at 28'
 (6 meters) AGL. All distances in miles/km

October 2000

<u>8/10 Tr</u>			
2354	Kansas City	89.3, 90.1, 93.3, 94.9, 96.5, 99.7, 102.1\$	225/362
2357	KLZR	105.9	KS Lawrence, "The Lazer," legal ID, CHR 255/410
<u>8/11 Tr</u>			
0004	KQKQ	98.5	IA Council Bluffs, "Sweet 98," CHR, o/KTJJ 335/539
0005	KQTP	102.9	KS St. Marys, "The New Q-103," CHR, o/KMMO 310/499
0012	KNRX	107.3	MO Lexington, "K-107," R&B o, \$, 185/298
0017	KSJQ	92.7	MO Savannah, "Q Country 92.7," local ads, k, o/KLOZ 250/402
<u>8/19 Tr</u>			
0539	Springfield	IL 89.7\$, 91.9\$, 98.7\$, 101.9\$, 103.7\$, 80/128	
0540	Decatur	IL 93.1, 95.1\$, 102.9\$	110/177
0541	Taylorville	IL 92.7\$, 94.3, 97.3	70/113
<u>8/26 Tr</u>			
1553	KSGM	93.1	MO Perryville, x-KBDZ, local ads, K/AM 980 70/113
1601	Carbondale	IL 91.9, 101.5\$	100/161
1606	Decatur	IL 95.1\$, 102.9\$	110/177
1609	Springfield	IL 89.7, 90.5, 91.9\$, 98.7\$, 101.9\$, 103.7\$	80/128
1612	WQUL	97.7	IL West Frankfort, "The Bear," promo, classic r o/KHCR 100/161
1618	WDQN	95.9	IL DuQuoin, live broadcast from DuQuoin State Fair, WOLG nulled 100.161
2100	WRHK	94.9	IL Danville, "K-Rock 94.9," AOR, slight ACI from KSHE 94.7 175/282
2146	KLOZ	92.7	MO Eldon, "Z-93 The Mix," hot AC 130/209
2152	Columbia	MO 91.3, 96.7\$, 98.3, 101.5	105/169
2155	Hannibal	MO 91.7, 92.9\$	90/145
2338	WXAN	103.9	IL Alva, PSA, local ad, calls, southern Gospel, ACI from WXTM 104.1 100/161
2354	WRUL	97.3	IL Carmi, "The Tri-State Boomer," calls, wx, k 130/209
2355	KBXB	97.9	MO Sikeston, "B-96," local ad, k, ACI from KYKY 98.1 145/233
2358	WOOZ	99.9	IL Harrisburg, "Z-100," promos, local ads, legal ID, k, o/KFAV 130/209
<u>8/27 Tr</u>			
0006	WCBF	102.1	KY Clinton, "The Cool Fox," promo, oldies show 170/274
0020	WWEZ	97.5	TN Trenton, "EZ 97.5," local ads, promo, soft AC 220/354
<u>8/29 Tr</u>			
0110	WDDJ	96.9	KY Paducah, "Electric 96.9," CHR, ACI from KXOK 97.1 155/249
0125	Carbondale	IL 91.9\$, 101.5\$	100/161
0131	WGCF	89.3	KY Paducah, calls, CCM 155/249
0143	KBEA	99.7	IA Muscatine, "B-100," CHR 180/290
0150	WPWQ	106.7	IL Mount Sterling, x-WBLJ, "Q-106," o, minor ACI from WKX 106.5 90/145
0228	KFMW	107.9	IA Waterloo, "Rock 106," AOR, 270/435
0238	KBKB	101.7	IA Fort Madison, "101.7 The Bull," k, \$, o/KLPW 125/201
0239	KUJL	101.3	IL East Moline, "Cool 101.3," o, ACI from WVRV 101.1 190/306
0242	WXLP	96.9	IL Moline, "97-X," AOR, slight ACI

Southern FM DX

Bueneman continued

0243	WMTI	96.5	IA from KXOK 97.1 190/306 Cedar Rapids, "Mix 96.5," hot AC, ACI from KIHT 96.3 230/370
0247	KMXG	96.1	IA Clinton, "Mix 96," AC, ACI from KIHT 96.3 210/338
0253	KMOI	97.7	IL Monmouth, AC, legal ID, o/KHCR, first time noted since 1993 145/223
0304	WRMS	94.3	IL Beardston, wx, calls, k 95/153
0305	WXXQ	92.5	IL Rushville, calls, AC, slight ACI from WIL 92.3 125/201
0319	WDLM	89.3	IL East Moline, light CCM thru WIPA 190/306
0324	WBYS	107.9	IL Canton, "The Light FM," western IL ment, AC 125/201
0359	WBNI	88.5	IL Pekin, legal ID/100.7 xtr Bloomington, wx, promo, WGCA nulled 140/225
0411	WPPY	98.5	IL Eureka, "98.5 and 101.1 The Party," CHR, w/KTJJ 145/233

The opening of August 10-11 was mainly into western MO/eastern KS, but KQKQ 98.5 made it in from metro Omaha. The August 19 opening enhanced stations from central IL to local-like signals. Mostly MO and IL stations were the feature of the August 26-27 trips, although one station each from KY and TN were also in. The opening of August 29 added several first-timers from the Quad Cities, as well as Cedar Rapids and metro Peoria. Several close-in IL stations were taken out by the DX, too.

<u>8/30 Tr</u>			
0047	KQKQ	98.5	IA Council Bluffs, "Sweet 98," legal ID, local ads, CHR, o/KTJJ 335/539
0048	KQCH	97.7	NE Nebraska City, "Channel 97-7 Jams," dance CHR, o/KHCR 315/507
0119	KXKI	103.7	IA Glenwood, "Kat 103," k, o/WDBR 325/523
0125	Kirksville	MO 94.5, 107.9	155/249
0218	KSJQ	92.7	MO Savannah, "Q-Country 92.7," k 250/402
0222	KEEM	96.1	NE Omaha, calls, talk on "Survivor," local ads, AC, ACI from KIHT 96.3 335/539
0229	KRGI	96.5	NE Grand Island, "Country 96," calls, After Midnite, ACI from KIHT 96.3 450/724
0234	KRVN	93.1	NE Lexington, "Light 93," local ads, wx, AC 515/829
0235	KAYX	92.5	MO Richmond, Bible teaching pgm//KSIV 91.5, KLTE 107.9 195/314
0247	KSRZ	104.5	NE Omaha, "Star 104.5," local ads, legal ID, hot AC, o/KSLQ and WFMB 335/539
0254	KZFX	101.9	NE Lincoln, "101.9 The Fox," legal ID, classic r, o/WQQL 360/579
0304	KLZA	101.3	NE Falls City, "Sunny 101.3," AC, ACI from WVRV 101.1 295/475
0336	KIWR	89.7	IA Council Bluffs, "River at Night," modern r, obliterating KYMC 335/539
0424	WOW	94.1	NE Omaha, "Wow Country," k, ads, promo, o/WMX 335/539

October 2000

0434	KGGO	94.9	IA Des Moines, local ads, wx, calls, AOR, mixing w/KCMO 255/410
0447	KIOA	93.3	IA Des Moines, "Oldies 93.3," o, calls, //KTK 940, o/KNSX 255/410
0504	KKMA	99.5	IA LeMars, Sioux City ads, state nx, mixing w/WCOY 410/660
0505	KGOR	99.9	NE Omaha, "Oldies 99.9," calls, o, mixing w/KFAV 335/539
0540	KRKR	95.1	NE Lincoln, "95 Rock," classic hits, o/WDZQ 360/579
0550	KEZG	107.3	NE Lincoln, "The New B-107.3," hot AC, o/KNRX 360/579
0627	KNOZ	100.1	MO Cameron, "Regional Radio Knows," k, ads, nx, ACI from KATZ 100.3 220/354
0632	KKBZ	99.3	IA Clarinda, "99.3 The Beat," local nx, o/KCLR 285/459
0637	KZKX	96.9	NE Seward, "96 Kix," local ads, nx, k, ACI from KXOK 97.1 385/620
0700	KIRK	99.9	MO Macon, legal ID, CBS World News Roundup, mixing w/KFAV 130/209

NE and IA dominated this opening, which allowed me a chance to pull in more Omaha and Lincoln FMs, along with my first FMs from outside Omaha, Lincoln or Lexington. A few lower-powered MO stations were added, in the form of KAYX 92.5 (which carries Bott Radio Network programming), KIRK 99.9 and KNOZ 100.1. Sioux City and Sioux Falls were noted on TV, so it was no surprise that KKMA 99.5 made it in. Unfortunately, Sioux Falls was not noted on FM. KQCH 97.7 and KZFX 101.9 were noted for call letter changes (KQCH was last heard as KOSJ, KZFX last heard at KTGE).

<u>8/30 Tr</u>			
2255	KIIS	98.5	MN Minneapolis, light CCM, PSA, legal ID/AM 900 450/724
2307	KRNQ	96.3	IA Keokuk, calls, classic r, through local KIHT 125/201
2315	KJYJ	92.5	IA Ankeny, calls in promo, Des Moines ads, k, ACI from WIL 92.3 265/426
2330	KNWS	101.9	IA Waterloo, community calendar, calls, promo, o/WQQL 270/435
2340	KRKO	98.3	IA Boone, "98 Rock," local ads, classic r, ACI from KYKY 98.1 290/467
2343	KHKI	97.3	IA Des Moines, "The Hawk, 97-3," k, ACI from KXOK 97.1 255/410
2347	KEEY	102.1	MN St. Paul, "K-102," local ads, legal ID, k, o/KSRC 450/724
2355	KDAT	104.5	IA Cedar Rapids, "Soft Rock 104.5," local ads, Deiliah 230/370
2359	KNXR	97.5	MN Rochester, wx, legal ID, CBS nx, o/WBBA 380/612
<u>8/31 Tr</u>			
0020	KWOA	95.1	MN Worthington, "KO-95," soft AC, o/WDZQ 430/692
0025	KXLP	93.1	MN New Ulm, calls, southern MN mention, classic r 435/700
0031	KLSS	106.1	IA Mason City, calls, hot AC, o/KWKZ 335/539

Southern FM DX

Bueneman continued

0036	KSJR	90.1	MN	Collegeville, underwriting, St. Paul ment, c, o/WTSG 515/829
0037	KCCD	90.3	MN	Moorhead, c/KSJR 90.1 645/1038
0110	KTEG	102.9	IA	Sioux Rapids, t on Christian marriage 380/612
0117	KSJN	99.5	MN	Minneapolis, c, o/WCOY 450/724
0136	KDWB	101.3	MN	Richland, calls, promo, local ads, CHR, ACI from WVRV 101.1 445/716
0144	KROC	106.9	MN	Rochester, calls in promo, wx, ads, CHR, o/KTX 380/612
0231	WYBA	105.3	MN	Stewartville, "Y-105," wx, soft AC, o/WAOX 370/595
1928	WMUK	102.1	MI	Kalamazoo, c, ACI from WQQL 101.9 365/587
2135	Effingham	IL 95.7, 97.9		105/169
2334	WUGN	99.7	MI	Midland, "Family Life Radio," "Haven" program, promos 460/740
2354	WUPS	98.5	MI	Houghton Lake, "98.5 UPS," local ads, not AC o/KTJJ 480/772

MN made it into this QTH (finally!). Noted Christian mx on 98.5, so naturally I would expect KTIS, and I was right! KTIS is the flagship station for the Skylight network (owned by Northwestern College), which feeds light CCM to radio stations across the country. I should know the way the network does their programs by heart, as I worked at their Atlanta affiliate, WFTD 1080, from 1989 to 1992. Other Twin Cities signals noted on 99.5 (flagship for one of Minnesota Public Radio's networks), 101.3 and 102.1. Also noted southern and southwestern MN, bagging my northernmost tropo yet in KCCD 90.3. Too bad the tropo didn't cross the river into Fargo; Also noted southern and southwestern Minnesota, bagging my northernmost tropo yet in KCCD 90.3. Too bad the tropo didn't cross the river into Fargo. ND is my only remaining unheard Midwestern state. Also noted a few more Iowa stations, including KRNQ 96.3, nulling down local KIHT. Minnesota is state #43 from this QTH

9/1 Tr

0045	WEFT	90.1	IL	Champaign, CDT time check, t, Urbana ments, o/WTSG, 150/249
0105	KBEA	99.7	IA	Muscatine, "B-100," CHR, clean separation from KFAV 99.9 180/290
0111	WPGU	101.7	IL	Urbana, t on psychology, modern r, o/WEAJ 155/249
0114	Springfield	IL 89.7\$, 91.9\$, 98.7\$, 101.9\$, 103.7\$, 104.5\$		80/128
0140	WUSN	99.5	IL	Chicago, "US-99," k, o/WCOY 255/410
0250	WPCD	88.7	IL	Champaign, "88-7 The Beat," UC, legal ID, through WSIE 155/249
0309	WGLT	89.1	IL	Norman, mainstream j, DJ talk, CDT time check, o/KCLC 145/233

October 2000

0338	WRZA	99.9	IL	Kankakee, Spanish AC, o/KFAV 210/338
0338	WONU	89.7	IL	Kankakee, "Shine 89.7," CCM, o/KYMC 210/338
0355	KOKS	89.5	MO	Poplar Bluff, "The King's Best," SRN rx, legal ID, underwriting 145/233

The evening started with TV DX from western MI, so I tuned around the FM band. As usual during these openings, several full power central IL FMs were in like locals. I did add WMUK 102.1 (one of the few full power public radio stations above 100 MHz). The opening into Michigan got stronger as the night progressed, peaking around 2245 CDT. By 0100, mostly IL stations were in on FM. WPCD 89.7 was a nice surprise for me, at times taking out WSIE (20 miles away). WLGM 89.7 Springfield IL is now noted with Moody Radio Network light CCM programming overnight //WLUJ 97.7 Petersburg IL.



Alexeis Marrero Cruz
c/Ma'ximo Gómez #47
San Andrés, Holguin, Cuba
84200
EDT

Sanyo receiver, log periodic & yagi antennas, and FM amp

6/22 Es

1016	WPLA	93.3	FL	Callahan, "Planet 93"
1023	WQUE	93.3	LA	New Orleans, "Q-93"
1042	KSBH	94.9	LA	Coushatta
1053	KSMB	94.5	LA	Lafayette

6/23 Es

1145	WFPG	96.9	NJ	Atlantic City, "Lite Rock 96.9"
1200	WRDX	94.7	DE	Dover, "...non stop Classic Rock 94.7"

1205	WSTW	93.7	DE	Wilmington, "WSTW 93.7"
1615		88.1	VZ	??, "R. Ganadera 88.1 FM"
1622		88.5	VZ	Maracay, "Al ritmo de la ciudad FM 88.5, Radio Ciudad stereo"

1638		89.9	CM	Manizales, "Corazon 89.9," SS
1648	HJCK	89.9	CM	Bogota, "Radio El Mundo via emisora de RCN"

1700		91.7	CM	Manizales, "Corazon stereo," Caracol net
1714	HJOG	95.7	CM	Medellin, "Amor stereo una emisora de RCN," phone # given as 884-7728

1723	HJT-35	91.3	CM	Medellin, "Super Rumba," RCN
1735		95.1	CM	Caldas, "Carnival Stereo"
1750		90.5	CM	Cartegena, "Olympia Stereo"
1803		93.7	CM	Manizales, "El complice stereo"
1817		91.3	CM	Amaga, "Radio Antioquia"
1825		90.3	CM	Sabaneta, "FM Sabaneta 90.3"

6/25 Es

1023	WRDX	94.7	DE	Dover, "Classic Rock 94.7"
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6/26 Es

1645		88.5	Dominica	"The superstation, Radio One," program "Dominica for Dance," with calypso & reggae
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Southern FM DX

Cruz continued

6/28 Es

1900	WZGC	92.9	GA	Atlanta, "Z-93,"
1905	WKDQ	99.5	KY	Henderson
1937	WDEF	92.3	TN	Chattanooga, "Sunny 92.3"
2005	WASM	91.1	MS	Natchez

6/29 Tr

1808	WMCU	89.7	FL	Miami
1815	WTMI	93.1	FL	Miami, "Worldwide classical radio is WTMI 93.1"

1823	WZTA	94.9	FL	Miami Beach, "Zeta Rock"
1830		91.5	JA	Montego Bay, "Radio 2," reggae
1836		106.7	JA	Montego Bay, "Auri FM"
1842	WPOW	96.5	FL	Miami, "Power 96"
1853		106.1	JA	Kingston, "Power 106"
2045		93.3	CU	Havana, "Radio Taino"
2225	WEDW	92.5	FL	Key West, "Wow 92.5"
2230	WRLA	107.9	FL	Key West, "La Gran Cadena"
2238		104.5	BA	Nassau, "Power Bahamas 104.5"

2300	WQYK	99.5	FL	St. Petersburg
2330	CMBF	88.7	CU	Santiago de Cuba, "R. Musical Nacional"

2334	HIBN	99.7	DR	Puerto Plata, "La Primera 99"
2339	WWJS	104.1	FL	Big Pine Key, "US-1 Radio"
2345	WPIK	102.5	FL	Summerland Key, "Pickin' Country"

2348		105.7	DR	Montecristi, "Independencia FM"
2356	HIJK	100.7	DR	El Cibao, "Super K"

6/30 Tr

0010		88.1	DR	Santo Domingo, Primera FM"
0015		88.5	DR	Santo Domingo, "Emisora oficial del verano"

0022		92.1	DR	Santiago, "Radio Suenos"
0050		106.9	DR	Santiago, "Suave 107"
0055		103.5	DR	Santiago, "La Nueva M-103"
0100		102.3	DR	Puerto Plata, "La H 102"
0123	HIKB	94.1	DR	San Francisco de Macoris, "KB-94"

0126		95.3	DR	El Cibao, "Sonido 95"
0135		91.5	DR	Santiago, "La 91 FM," EE mx, website at www.la91fm.com

0145	WRLA	107.9	FL	Key West, "La gran cadena"
0800		99.9	DR	Santo Domingo, "Dominicana FM"

1255	WEAT	104.3	FL	West Palm Beach, "Sunny 104.3"
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1303	WMCU	89.7	FM	Miami
1320	WTMI	93.1	FL	Miami
1331	WLVE	93.9	FL	Miami Beach, "Smooth Jazz"
1337	WZTA	94.9	FL	Miami Beach

October 2000

1405	WHYI	100.7	FL	Fort Lauderdale, "Y-100"
1410	WKIS	99.9	FL	Boca Raton
1423	WPOW	96.5	FL	Miami
1645	HIBN	99.7	DR	Puerto Plata, "La Primera 99"
1716	WAMR	107.5	FL	Miami, "Amor 107.5"
1745	WZTA	94.9	FL	Miami Beach
1808		91.5	DR	Santiago, "La 91 FM," EE
1900		106.9	DR	Santiago, "Suave 107"
1904		102.3	DR	San Francisco de Macoris, "La Nueva H-102"
1912		92.1	DR	Santiago, "Radio Suenos"
1920		106.5	DR	??, "Radio El Sol"
2040	HIJK	100.7	DR	El Cibao, "Super K"
2048	WCTH	100.3	FL	Plantation Key
2100	WHQT	105.1	FL	Coral Gables
2108	WMXJ	102.7	FL	Pompano Beach
2113	WMGE	103.5	FL	Fort Lauderdale
2118	WWWUS	104.1	FL	Big Pine Key
2123		104.5	BA	Nassau, "Power Bahamas 104.5"

2138	WGMX	94.3	FL	Marathon, "Mix 94"
2145	WKYZ	101.3	FL	Key Colony Beach

6/30 Es

1600	WSTW	93.7	DE	Wilmington, "Rock 93.7"
1605	WYSP	94.1	PA	Philadelphia, r
1615	WAYV	95.1	NJ	Atlantic City
1638	WWDB	96.5	FL	Philadelphia

7/1 Tr

Regular trop stations from FL & BA



FROM THE EDITOR

Thanks for the great support this month! Now's the time to get ready for the meteor showers coming up through the end of the year. And be watching for those unexpected tropo and Es openings. When you get some DX, be sure to pass it along to SFMI! See y'all next month....



NORTHERN FM DX

Keith McGinnis 383 Shirley St. #2 Winthrop MA 02152
 longwave@bellatlantic.net 617-846-5760 deadline 5th of each month

Bill Nollman Farmington CT (lsnswnn@home.co)

Equipment: Yamaha T 85 w/ if mod; Channel Master Probe 9 @ 31 feet
 with Bolin Phase Box (second antenna is a Probe 9 in the attic)

The number at the end is mileage.

July 9 Es

WHRM 90.9 Wausau WI NPR 850

July 11 Es

1728 WFGF 93.1 Lima OH Froggy 93 Shortest Eskip! 580
 1735 WRZA 99.9 Kankakee IL SS 780
 1740 WLEY 107.9 Aurora IL SS 790
 1747 KDAT 104.5 Cedar Rapids IA Soft Rock 104.5 955
 1750 WEUP 103.1 Minor Hill TN 103 WEUP (92.1 Calls) 880
 1758 WIZD 99.9 Rudolph WI 850
 1758 WNCY 100.3 Neenah WI Y100 800
 1805 WJKK 98.7 Vicksburg MS 98 Mix 1170

July 12 Es

0900 WJLU 89.7 New Smyrna Bch FL 975

August 4 Es

1748 KAXE 91.7 Grand Rapids MN 1075
 1750 KMFY 96.9 Grand Rapids MN 1075
 1757 KRVI 95.1 Detroit Lakes MI The New River 95.1 1175
 1806 KBHP 101.1 Bemidji MN KB-101 1150
 1840 KSDR 92.9 Watertown SD KS-93 1215
 1845 WECL 92.9 Elk Mound WI Cool 92.9 960
 1900 WIRR 90.9 Buel MN 1045
 1900 WWAX 92.1 Hermantown MN Kiss FM 1000

August 4 TR

1808 WJIV 101.9 Cherry Valley NY Gospel 120

August 29 GW

WZRI 100.3 Middletown RI Z 100 // 99.7 WZRA 80

August 29 TR

2047 WPXC 102.9 Hyannis MA Pixy 103 130

September 6 TR

2100 WHAJ 104.5 Bluefied WV J 104.5 Best Mix of the Mountains 540
 2120 WZRT 97.1 Rutland VT Z 97 120

September 7 TR

2104 WUSQ 102.5 Winchester VA Shenandoah Country Q-102 330
 2107 WXLK 92.3 Roanoke VA K-92 485
 2123 WSLC 94.9 Roanoke VA Star Country 94.9 485
 2140 WFGY 98.1 Altoona PA Froggy 290
 2155 WODE 99.9 Easton PA Oldies 99.9 140
 2225 WSNJ 107.7 Bridgeton NJ 200
 2230 WFRB 105.3 Frostburg MD 350
 2252 WTOS 105.1 Skowhegan ME 260
 2315 WVOM 103.9 Howland ME Mono/talk 320
 2327 WKCY 104.3 Harrisonburg VA Country KCY 385
 2357 WRWD 107.3 Highland NY Country 107.3 WRWD 60
 2359 WRQX 107.3 Washington DC 490

September 8 TR

0053 WEBK 105.3 Killington VT 175
 0057 WMGX 93.1 Portland ME 175

September 10 TR

2108 WKHI 107.5 Exmore VA 335
 2126 WSWO 92.9 Suffolk VA Soul Classics 400
 2200 WOLC 102.5 Princess Anne MD Joy 102.5 290

September 11 TR

2132 WESR 103.3 Onley VA 320
 2137 WLBW 92.1 Fenwick Island DE The Wave 255
 2140 WQJZ 97.1 Ocean Pines MD Smooth Jazz 270
 2142 WJYN 103.5 Bethany Beach DE Jane at 103.5 250
 2211 WKHW 106.5 Pokomoke MD Oldies 106.5 300

Saul Chernos, 57 Berkeley St. Toronto ON M5A 2W5 (416) 364-0725

(schernos@torfree.net)

underlined are new

July 28 TR (Toronto - Dufferin)

0040 CFST 102.3 London Ont Testing 800-317-2486 R. Chum Ltd

July 28 Es (Burnt River)

1845 KNEN 94.7 Norfolk NE
 1848 UNID 99.3 K-DEZ Palm Springs
 1854 KUSO 92.7 Albion NE US 92

July 28 TR (Burnt River)

1945 CFST 102.3 London Ont Testing 800-317-2486 R. Chum Ltd

July 29 Es (Burnt River)

1933 WCMQ 92.3 Hialeah FL SS
 1938 WEDR 99.1 Miami FL Rap

July 30 TR (Burnt River)

1930 WWLF 106.7 Copenhagen NY The Border // 102..7

August 4 TR (Toronto - Dufferin)

0308 WRQK 106.9 Canton OH Rock 107
 0353 WQIO 93.7 Mt. Vernon OH 93 Q

August 9 TR (Toronto - Downtown)

0717 CIWV 94.7 Hamilton Ont Smooth Jazz The Wave.....testing

August 11 MS (NY State on the way to WTFDA in Lake Placid)

1112 KBOE 104.9 Oskaloosa IA whole wx rpt [Childs NY]
 1658 KYCK 97.1 Crookston MN 97 Kick FM [Oswegatchee Lake NY]

August 13 TR/MS (NY State)

1200 CBLA 94.1 Toronto Ont Brief Burst [Lake Placid NY]
 1403 W-J 99.7 Burst w/ WENJ or W-MJ [Pitcairn NY]
 1431 Unid 99.7 "here in Boulder" [Harrisville NY]

August 14 TR (Toronto - Scarborough Bluffs)

0200 WWJS 90.1 Watertown NY G-mx

August 15 TR (Toronto - Dufferin)

0040 WCCW 107.5 Traverse City MI Oldies 107.5
 0042 WGFM 105.1 Cheboygan MI rp
 0046 WBCM 93.5 Boyne City MI WTCM ID, k
 0102 WKLZ 98.9 Petoskey MI rp
 0106 WDOR 93.9 Sturgeon Bay WI ABC news.....large hail soon
 0124 CBON21 104.9 Gogama Ont FF Radio Canada // 860 CJBC
 0125 WQBX 104.9 Alma MI
 0128 WBCT 93.7 Grand Rapids MI k
 0134 CKNR 94.1 Elliot Lake Ont GoldLine Oldies CDN Show, w/CBL
 0145 WMUS 106.9 Muskegon MI After Midnite k, 107-MUS
 0200 WBLV 90.3 Twin Lake MI Blue Lake Pr, New Age w/ CJBC
 0210 WCMZ 98.3 Sault Ste Marie MI // WCML 91.7

August 20 TR (Toronto - Downtown)

2008 CIWV 94.7 Hamilton Ont Smooth Jazz.....the Wave.....testing

August 22 TR (Toronto - Dufferin)

0000 WQBX 104.9 Alma MI Q 105 rp
 0010 CBON21 104.9 Gogoma Ont FF Radio Canada
 0027 WMJZ 101.5 Gaylord MI Oldies 101.5
 0030 WCCW 107.5 Traverse City MI Oldies 107.5
 0035 WGRY 100.3 Grayling MI Y-100 w/ Barrie k
 0043 WMUS 106.9 Muskegon MI After Midnite k
 0051 WGDN 103.1 Gladwin MI Your Kind of Country
 0120 WLXT 96.3 Petoskey MI Light 96 r
 0136 WODJ 107.3 Greenville MI Oldies 107.3
 0139 WQIO 93.7 Mount Vernon OH 93-Q pr
 0143 WKLZ 98.9 Petoskey MI Double Rock KLZ

August 28 TR (Burnt River)

0932 CITE 102.7 Sherbrooke PQ FF rp
 0940 CFLG 104.5 Cornwall Ont Variety 104
 0954 WAQX 95.7 Manilus NY Howard Stern
 1000 WZKZ 101.9 Alfreed NY KZ 102
 1002 CHIP 101.7 Fort Coulonge PQ FF k
 1026 WNGZ 104.9 Mountour Falls NY Wings 104.9...Classic Rock
 1028 WJZR 105.9 Rochester NY Smooth Jazz
 1030 WDNV 93.9 Dansville NY Y-93.9"
 1034 WCOV 93.7 Clyde NY Family Life Radio
 1036 WZRT 97.1 Rutland VT Z97
 1041 WNKI 106.1 Corning NY Wink 106
 1048 WLLG 99.3 Lowville NY The Moose 99.3 & 101.3 k
 1053 WIII 99.9 Cortland NY The Classic Rock Stn I-100
 1100 WWJS 90.1 Watertown NY g-mx
 1142 WVPS 107.9 Burlington VT C
 2321 CJMV 102.7 Val D'Or PQ FF pr
 2323 CHGO 104.3 Val D'Or PQ FF pr
 2333 CBFX-? 88.3 Amos PQ La Chaine Culturel (CBC FF2) S
 2348 CHOA1 103.5 Amos PQ Radio Rock Détente FF pop w/CIDC
 2359 CBCW 98.5 Whitney Ont CBC R1

August 29 TR (Burnt River)

0651 WKJZ 94.9 Hillman MI CKGE off w/Hull PQ

August 31 TR (Toronto - Dufferin)

0030 KBOE 104.9 Oskaloosa IA Your Country Connection KBOE k
 0045 WKLZ 98.9 Petoskey MI Double Rock KLZ
 0055 WRHN 100.1 Rhineland WI
 0059 WCOW 97.1 Sparta WI The Power Country...Country Cow
 0100 WJMR 106.9 Brookfield WI Jammin 106.9
 0101 WRJO 94.5 Eagle River WI Oldies
 0135 WMQT 107.7 Ishpeming MI Dance pr
 0136 WCCM 107.5 Neillsville WI rp
 0140 WMXG 106.3 Stephenson MI Mix 106
 0143 CJQM 104.3 Sault Ste Marie Ont Today's Country..... K
 0145 WKPK 106.7 Gaylord MI The Peak
 0148 KTXV 106.9 Jefferson City MO Y107
 0212 KMGO 98.7 Centerville IA 99 Country Arbitron Rated #1 in S IA
 0218 KBRK 93.7 Brokings SD B 93 rm
 0219 WBCM 93.5 Boyne City MI WTCM id k
 0235 WCUP 105.7 L'Anse MI After Midnite k
 0245 KIIC 97.9 Lamoni IA k
 0246 WIHC 97.9 Newberry MI WW1 Radio Net's The Hot Country
 0254 WBCT 93.7 Grand Rapids MI B 93....nobody plays more country
 0329 KKDM 107.5 Des Moines IA Kiss 107 FM Rock Dance Music
 0330 WMPL 93.5 Hancock MI Praise in the Night w/ Steve Solomon
 0352 WCOM 98.3 Park Falls WI k
 0406 KLMJ 104.9 Hampton IA pop repeated calls w/KBOE IA
 0500 WHHI 91.3 Highland WI Ideas 91.3 WHHI Highland

September 2 TR (Toronto - Dufferin)

1053 WGC 107.5 Chicago IL

September 3 TR (Burnt River)

1524 WCCW 107.5 Traverse City MI Oldies 107.5

September 7 TR (Toronto - Scarborough Bluffs)

0014 WRDR 104.9 Egg Harbor City NJ SS LA -mx
0026 WJQZ 103.5 Wellsville NY

My final verdict on the Es season, for my area, is "worst ever". After a slow start, tropo seems to be picking up. Tropo highlights are getting Central Mo and also having two IA stations fighting it out on 104.9. KBOE sure gets out - heard by TR and MS in August.

John Ebeling 9209 Vincent Ave South Bloomington MN 55431

(jebeling@aol.com)

Equipment is Pioneer TX 9500 Tuner w/ if mods. Ant is CM Yagi about 25 AGL

Underlined are new. Mileage is at the end.

April 30 TR (from Prosit MN)

2258 WJMC 96.1 Rice Lake WI ex 96.3 112

May 39 Es (Prosit MN)

1641 KBHT 93.3 Crockett TX 1094
1644 KYYK 98.3 Palestine TX Kick 98

June 9 Es (Prosit MN)

1629 WHRV 89.5 Norfolk VA 1105
1631 WXEZ 94.1 Yorktown VA 1067
1633 CBF-8 88.1 Trois Rivers PQ FF 952
1635 CBF-15 88.3 L'Annonciation PQ FF 840
1645 CBF-9 91.9 Mount Laurier PQ FF 811

June 14 Es (from Bloomington MN)

1915 KNFM 92.3 Midland TX 1006
1918 KBAT 93.3 Midland TX B 93 1006
1921 KQRX 95.1 Midland TX 1006
1925 KODM 97.9 Odessa TX 1022
1937 KIJN 92.3 Farwell TX Jesus Radio 888
1945 KWFR 101.9 San Angelo TX 1001
1950 KMRK 96.1 Odessa TX w/ x sca 1022
1952 KRMN 92.7 Shamrock TX KRMN.COM 759
1955 KXRI 90.9 Amarillo TX 802
2007 KYOX 94.3 Comanche TX The Ox
2009 KBTS 94.3 Big Spring TX 975
2012 XHPL 99.7 Ciudad Acuna CL
2015 XHCDU 92.9 Ciudad Acuna CL 1182
2033 KEPX 89.5 Eagle Pass TX
2040 KAZF 91.9 Hebronville TX
2054 KVFM 91.3 Beeville TX 1162
2102 KPAC 88.3 San Antonio TX 1100

June 17 Es (Prosit MN)

2030 WMHK 89.7 Columbia SC
2034 WSPX 94.5 Bowman SC
2045 WRJM 93.7 Geneva AL
2057 WKSM 99.5 Fort Walton Bch FL

June 18 Es (Prosit MN)

0900 WJTM 88.1 Frederick MD

June 21 Es (Prosit MN)

1152 KKOR 94.5 Gallup NM
2147 KPEK 100.3 Albuquerque NM
2151 KROS 101.3 Albuquerque NM
2201 KANW 89.1 Albuquerque NM

June 22 Es (Prosit MN)

1034 KRVS 88.7 Lafayette LA
1100 W201AD 88.1 Rock Hill SC
1101 KYKR 95.1 Beaumont TX
1102 WCKW 92.3 La Place LA
1116 KTYL 93.1 Tyler TX
1117 KAFX 95.5 Diboll TX
1122 KEAS 97.7 Eastland TX
1131 Unid 88.7
1135 KBHT 93.5 Crockett TX
1150 KLDE 94.5 Houston TX

June 24 TR (Prosit MN)

0850 KCML 99.9 St. Joseph MN

June 25 Es (Prosit MN)

0839 KUHF 88.7 Houston TX
0857 KXTQ 93.7 Lubbock TX
0901 KNFM 92.3 Midland TX
0902 KRTS 92.1 Seabrook TX
1155 KRTN 93.7 Raton NM
1200 KLYT 88.3 Albuquerque NM
1201 KUNM 89.9 Albuquerque NM
1207 KMMG 95.5 Santa Fe NM
1209 KHFM 96.3 Albuquerque NM
1210 KABG 98.5 Los Alamos NM
1217 KPEK 100.3 Albuquerque NM
1222 KSPK 102.3 Walsenburg CO
1224 KYVA 103.7 Grants NM
1233 KKOR 94.5 Gallup NM
1239 KKFG 104.5 Bloomfield NM
1247 KSLV 95.3 Monte Vista CO
1253 KXXI 93.7 Gallup NM
1257 KNAI 88.3 Phoenix AZ
1300 KNAU 88.7 Flagstaff AZ
1302 KDUR 91.9 Durango CO
1445 KKCH 92.7 Glenwood Spgs CO
1455 KUBL 93.3 Salt Lake City UT
1500 KUNR 88.7 Reno NV

June 25 Es continued

1502 KUER 90.1 Salt Lake City UT
1506 KFRZ 92.1 Green River WY
1524 KVFV 94.5 Logan UT
1527 KRJC 95.3 Elko NV
1540 KCYQ 93.7 Richfield UT
1547 KZMG 93.1 New Plymouth ID
1555 KIZN 92.3 Boise ID
1600 KBXL 94.1 Caldwell ID
1613 KGGL 93.3 Missoula MT
2055 WTVY 95.5 Dothan AL
2100 WUWF 88.1 Pensacola FL
2101 WGTF 89.5 Dothan AL

June 30 Es (Prosit MN)

1822 CBXS 91.5 Swan Hills AB
1830 KPBX 91.1 Spokane WA
1835 KPND 95.3 Sandpoint ID
1840 KKMT 95.9 Columbia Falls MT
1845 KPQ 102.1 Wenatchee WA
1846 CISN 103.9 Edmonton AB
1847 KAEP 105.7 Spokane WA
1849 KMBI 107.9 Spokane WA
1851 KZFN 106.1 Moscow ID
1856 KMOK 106.9 Lewiston ID
1901 KEGX 106.5 Richland WA
1903 Unid 104.1
1905 KATW 101.5 Lewiston ID
1909 KKZX 98.9 Spokane WA
1910 KMLW 88.3 Moses Lake WA
1913 KQRK 92.3 Ronan MT
1916 KDRM 99.3 Moses Lake WA
1921 KDRK 93.7 Spokane WA
1927 KEYW 98.3 Pasco WA
1928 KWIQ 100.3 Moses Lake WA
1937 KEEH 104.7 Moses Lake WA
1945 KHTQ 94.5 Hayden ID
1952 KOFI 103.9 Kalispell MT

July 6 (Prosit MN)

0959 KJAE 93.5 Leesville

July 10 Es (Bloomington MN)

1810 KAFF 92.9 Flagstaaff AZ
1815 KLUX 89.5 Robstown TX
1818 KIWW 96.1 Harlingen TX
1821 KVNA 97.5 Flagstaaff AZ
1823 KMGH 93.9 Flagstaaff AZ
1827 KGCN 90.9 Prescott AZ
1829 KISZ 97.9 Cortez CO
1837 KESY 97.7 Nebraska City NE
1837 UNID
1912 XHEC 91.9 Sabinas CL
1950 KKCEN 103.1 Ballinger TX

July 10 Es continued

1957	KWFR	101.9	San Angelo	TX
1958	KYBI	101.9	Huntington	TX
2000	KPSM	99.3	Brownwood	TX
2007	KOHM	89.1	Lubbock	TX
2010	KNEL	95.3	Brady	TX

July 15 Es (Prosit MN)

1458	WUWF	88.1	Pensacola	FL
1500	WRWA	88.7	Dothan	AL
1635	WSPX	94.5	Bowman	SC
1640	WEMX	94.1	Lakewood	LA
1654	WMHK?	89.7		
1728	WALI	93.7	Walterboro	SC
1801	WQUE	93.3	New Orleans	LA

July 15 TR (Prosit MN)

2200	KXBR	91.9	International Falls	MN
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July 25 (Prosit MN)

1511	WZMX	93.7	Hartfield	CT
1514	WBLO	88.1	Westerly	RI
1530	WNPR	89.1	Norwich	CT
1532	WESU	88.1	Middletown	CT
1543	CJAB	94.5	Chicoutimi	PQ
1554	WGRS	91.5	Guildford	CT
1614	WNJO	94.5	Trenton	NJ
1622	WPAT	93.1	Paterson	NJ
1625	WRTN	93.5	New Rochelle	NY
1629	WSHU	91.1	Fairfield	CT
1630	WRSU	88.7	New Brunswick	NJ
1630	WNHU	88.7	West Haven	CT
1633	WRKI	95.1	Brookfield	CT
1638	WVOS	95.9	Liberty	NY
1640	WALK	97.5	Patchogue	NY
1642	WPBX	88.3	Southampton	NY
2228	WPIR	88.1	Hickory	NC

August 4 Es (Prosit MN)

1157	KTBZ	94.5	Houston	TX
1200	KAVX	91.9	Lufkin	TX
1205	KUHF	88.7	Houston	TX
1214	KALK	97.7	Winfield	TX
1216	KODA	99.1	Houston	TX
1221	KBHT	93.5	Crockett	TX
1224	KYKR	95.1	Beaumont	TX
1227	KKMY	104.5	Orange	TX
1638	WGLS	89.7	Glasboro	NJ
1641	WUMB	91.9	Boston	MA
1647	WSNE	93.3	Taunton	MA
1647	WRFM	93.5	Remsen	NY
1649	WHJY	94.1	Providence	RI
1652	WXTK	95.1	West Yarmouth	MA
1654	WWBB	101.5	Providence	RI

August 4 Es continued

1716	WDME	103.1	Dover	ME
1719	WCBJ	103.7	Campton	KY
1730	WMHK	89.7	Columbia	SC
1733	WIFX	94.3	Jenkins	KY
1739	WBAV	101.9	Gastonia	NC
1741	WLKT	104.5	Lexington	KY
1743	WYSN	106.5	Georgetown	SC
1747	WLNK	107.9	Charlotte	NC
1757	WKHX	101.5	Marietta	GA
1759	WJSP	88.1	Warm Springs	GA
1801	WJMJ	88.9	Hartford	CT
1803	WDEF	92.3	Chattanooga	TN
1806	WCJM	100.9	West Point	GA
1810	WCDO	100.9	Sidney	NY
1817	WWRX	103.7	Westerly	RI
1819	WERI	99.3	Block Island	RI
1822	WPLR	99.1	New Haven	CT
1825	WPLM	99.1	Plymouth	MA
1830	WPBX	88.3	Southampton	NY
1833	WEAA	88.9	Baltimore	MD
1836	WKXW	101.5	Trenton	NJ
1837	WXLO	104.5	Fitchburg	MA
1846	WLTW	106.7	New York	NY
1959	WHRV	89.5	Norfolk	VA
2000	WFOS	88.7	Chesapeake	VA

August 10 TR (Bloomington MN)

1955	KESY	97.7	Nebraska City	NE
2000	KLJC	88.5	Kansas City	MO
2000	KJTY	88.1	Topeka	KS
2003	KEZO	92.3	Omaha	NE
2005	KXTR	96.5	Kansas City	MO
2015	KSRZ	104.5	Omaha	NE
2017	KBEQ	104.3	Kansas City	MO
2030	KOTD	106.9	Plattsmouth	NE
2033	KKEZ	94.5	Fort Dodge	IA
2035	KCSI	95.3	Red Oak	IA
2037	KCHZ	95.7	Ottawa	KS
2050	KCFX	101.1	Harrisonville	MO
2053	KSTZ	102.5	Des Moines	IA
2056	KPRS	103.3	Kansas City	MO
2057	KJAM	103.1	Madison	SD
2100	KESD	88.3	Brookings	SD
2105	KKMA	99.5	LeMars	IA
2123	KFRX	102.7	Lincoln	NE
2130	KZSR	102.3	Onawa	IA
2131	KZFX	101.9	Lincoln	NE
2134	KYYs	99.7	Kansas City	MO
2145	KVNO	90.7	Omaha	NE
2215	KAYA	91.3	Hubbard	NE
2220	KQRC	98.9	Leavenworth	KS
2229	KMXC	97.3	Sioux Falls	SD
2240	KNBZ	97.7	Redfield	SD

August 10 TR continued

2311	KEZG	107.3	Lincoln	NE	Star 107.3	327
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August 10 Es (Bloomington MN)

2247	CFRV	107.7	Lethbridge	AB	The River	975
2250	CBRF	103.9	Calgary	AB		
2255	CKUA2	99.3	Lethbridge	AB		975

August 11 TR (Bloomington MN)

2025	KMXV	93.3	Kansas City	MO		403
2050	KCMO	94.9	Kansas City	MO		403
2055	KBEZ	92.9	Tulsa	OK	Soft Rock 92.9	616
2109	KRES	104.7	Moberly	MO		377
2130	K205CP	88.9	Nicolet	MN	WNCB xltr	
2327	KFKF	94.1	Kansas City	KS		401
2330	KESY	97.7	Omaha	NE		280
2330	KBFR	91.3	Des Moines	IA		225

August 12 TR (Bloomington MN)

0000	KLIC	88.5	Kansas City	MO		403
0000	KWFC	89.1	Springfield	MO		525
0001	KANU	91.5	Lawrence	KS		417
0004	KMZU	100.7	Carrollton	MO		

Well that covers the whole mess. Notice how the signals were really "bouncing around" on that Aug 4 opening. Also thought I heard a KVLV 99.3 in that mess, which would have been Nevada. Very weak on the tape, so I did not count it. I guess, under the extensive Es cloud, it could have been possible!!

All times are central standard.

While driving up to Thunder Bay Ontario from Duluth on Hwy 61 alongside Lake Superior on Friday July 21st, also logged the following Es on a "99 Buick standard radio w/o any visible outside antenna. The antenna is both windshield and rear window mounted. I was doubtful at first, but the arrangement seems to work out as well as a 31" stick.

All times are from 0930 to 1100 cdt.

WEMX	94.1	Kentwood	LA
WTYL	97.7	Tylertown	MS
WRNO	99.5	New Orleans	LA
KCIL	107.5	Houma	LA
WZKX	107.9	Bay St. Louis	MS
WLMG	101.9	New Orleans	LA
WYLD	98.5	New Orleans	LA
WTIX	94.3	Galliano	LA
KSMB	94.5	Lafayette	LA
UNID	95.9		B 95.9
UNID	93.9		Classic 94
UNID	93.7		Oldies 93.7

John M. Jefferson, 826 23rd St. SE, Auburn WA 98002-7669

Equipment: McIntosh MR-80 (digital display w/ analog tuning)

APS-13 antenna @ 30 feet off the ground

New are underlined. Mileage after comment field.

June 7 Es

2001	<u>KIOD</u>	105.3 McCook	NE	Advert for Imperial area auton dealer	1080
2015	<u>K228DI</u>	93.5 Sidney	NE	g // 96.9 KCM calls @ 2029 on 96.9	955
2036	<u>K237CN</u>	96.3 Atwood	KS	j // 90.5	1080
2037	<u>KZNA</u>	90.5 Hill City	KS	j // 96.3	1150

June 8 Es

1943	<u>KFLR</u>	90.3 Phoenix	AZ	Family Life Radio over local KCMU	1020
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June 18 Es

2026	<u>KROS</u>	101.3 Albuquerque	NM	The Bone	1080
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June 21 Es

1812	<u>KLUK</u>	97.9 Needles	CA	Lucky 98 Bullhead City Advert	875
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July 16 Es

2001	<u>KTDB</u>	89.7 Pine Hill	NM	ID	1040
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July 17 Es

2127	<u>XETRA</u>	91.1 Tijuana	BN	Ad, 91 X	1085
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July 30 Es

2121	<u>KSSE</u>	97.5 Riverside	CA	SS Super Estrella	875
2123	<u>KATY</u>	101.3 Idyllwild	CA	KATY calendar Local refs	905
2150	<u>KBBY</u>	95.1 Ventura	CA	Ventura's New B 95.1	840
2151	<u>KMJR</u>	93.5 Redondo Beach	CA	SS La Mejor 93.5	875
2153	<u>KMLT</u>	92.7 Thousand Oaks	CA	Local ad Lite 92.7 FM	860

August 3 Es

1900	<u>KJAK</u>	92.7 Slaton	TX	ID	1335
1913	<u>KNAU</u>	88.7 Flagstaff	AZ	Calls	915
1918	<u>KKNN</u>	95.1 Delta	CO	95 Rock	850
1920	<u>KPRH?</u>	88.3 Montrose	CO		
1931	<u>KRST</u>	92.3 Albuquerque	NM	Calls	1080
1931	<u>KFLG</u>	91.5 Albuquerque	NM	ID	1080
1932	<u>KZXA</u>	94.7 Santa Fe	NM	Calls	1080
1941	<u>KISZ</u>	97.9 Cortez	CO	Farmington, Durango Adverts	905
1943	<u>KWXA</u>	99.7 Durango	CO	The Point	930
1950	<u>KKCH</u>	92.7 Glenwood Spgs	CO	Glenwood Spgs advert	835
1953	<u>KCYN</u>	97.1 Moab	UT	Canyon County KCYN	835
1959	<u>KWBI</u>	91.1 Morrison	CO	Local refs	920
2000	<u>KDGB</u>	93.1 Pratt	KS	Pratt/Wichita	1240
2003	<u>KGTR</u>	96.7 Larned	KS	Calls	1215
2017	<u>KCFR</u>	90.1 Denver	CO	Colorado PR ID	930
2021	<u>KKBS</u>	92.7 Guymon	OK	ID The Boss	1190
2107	<u>KZYX</u>	90.7 Philo	CA	Blues // 91.5	540
2107	<u>KZYZ</u>	91.5 Willits	CA	Blues // 90.7	485
2109	<u>KSJO</u>	92.3 San Jose	CA	// 92.7	635
2110	<u>KMJQ</u>	92.7 Marina	CA	// 92.3 KSJO	675

August 4 Es

1751	<u>KDOM</u>	94.3 Windom	MN	SW MN, Windom Adverts	1220
1752	<u>KNSG</u>	94.7 Springfield	MN	Redwood Falls, The Country Hog	1205
1755	<u>KDIS</u>	95.3 Willmar	MN	Willmar advert K95.3	1200
1756	<u>KKCK</u>	99.7 Marshall	MN	Marshall advert	1145
1757	<u>KOLV</u>	100.1 Olivia	MN	ID	1200
1804	<u>KMIT</u>	105.9 Mithcell	SD	Local adverts	1080
1826	<u>KTCH</u>	104.9 Wayne	NE	Local adverts	1160
1828	<u>KSUX</u>	105.7 Winnebago	NE	Local K-Sioux	1185
1829	<u>KSLT</u>	107.3 Spearfish	SD	Gillette refs, Calls	835
1835	<u>KUSO</u>	92.7 Albion	NE	Northeast NE adverts	1135
1836	<u>KUSD</u>	89.7 Vermillion	SD	jazz talk // 97.1 // 91.1	1175
1836	<u>KPSD</u>	97.1 Faith	SD	jazz talk // 89.7 // 91.1	900
1836	<u>KTSD</u>	91.1 Reliance	SD	jazz talk // 89.7 // 97.1	1025
1836	<u>KESD</u>	88.3 Brookings	SD	jazz talk // to the above	1115
1838	<u>KVHT</u>	106.3 Vermillion	SD	Mix 106	
1838	<u>K292DL</u>	106.3 Rapid City	SD	g // 107.3	865
1839	<u>KSRZ</u>	104.5 Omaha	NE	Omaha's Star 105	1240
1840	<u>KIQK</u>	104.1 Rapid City	SD	Big Country	
1841	<u>KBRX</u>	102.9 O'Neill	NE	NE PSA, Antelope County Fair	1105
1842	<u>KRSQ</u>	101.7 Laurel	MT	Billings Advert	605
1845	<u>KLIR</u>	101.1 Columbus	NE	Clear 101	1185
1848	<u>KFRX</u>	102.7 Lincoln	NE	Calls	1235
1849	<u>UNID</u>	100.5		Results Radio	
1854	<u>KEXL</u>	106.7 Norfolk	NE	Norfolk advert	1145
1854	<u>KWPN</u>	107.9 West Point	NE	Calls	1185
1856	<u>KCLH</u>	104.1 Yankton	SD	Calls	1135
1903	<u>KCCR</u>	95.3 ??	?	Calls	
1905	<u>KOSK</u>	97.5 Chadron	NE	Chadron advert	900
1906	<u>KIKN</u>	100.5 Salem	SD	Sioux Falls advert	1095
1910	<u>KCNE</u>	91.9 Chadron	NE	c // 91.5 // 91.1	
1910	<u>KRNE</u>	91.5 Merriman	NE	c // 89.7 // 91.5	945
1910	<u>KTNE</u>	91.1 Alliance	NE	c // 89.7 // 91.5	1025
1910	<u>KHNE</u>	89.1 Hastings	NE	c // 91.1	1205
1910	<u>KLNE</u>	88.7 Lexington	NE	c // 89.1	1085
1912	<u>KNEN</u>	94.7 Norfolk	NE	Calls	
1916	<u>KWYR</u>	93.7 Winner	SD	Valentine NE Magic 93	1025
1919	<u>KOGA</u>	99.7 Ogallala	NE	N Platte advert	1000
1922	<u>KMOR</u>	92.9 Scottsbluff	NE	Scottsbluff advert	890
1922	<u>KSWN</u>	93.9 McCook	NE	N Platte NE ref	1080
1923	<u>UNID</u>	97.1		Outlaw Radio	
1924	<u>KIGN</u>	97.9 Cheyenne	WY	Cheyenne, Laramie refs	875
1958	<u>KIDN</u>	95.9 Hayden	CO	Calls	810
2000	<u>KWBI</u>	91.1 Morrison	CO	ID	
2001	<u>KUNC</u>	91.5 Greeley	CO	ID	910
2008	<u>KKCH</u>	92.7 Glenwood Spgs	CO	92.7 & 92.3	
2012	<u>KUWZ</u>	90.5 Rock Springs	WY	Wyoming PR	680
2015	<u>KKNN</u>	95.1 Delta	CO	Rock of Western CO 95 Rock	
2022	<u>KENZ</u>	107.5 Orem	UT	High 107.5 FM 107.5 the End	650
2033	<u>KJYE</u>	92.3 Grand Junction	CO	K Joy	825
2046	<u>KUER</u>	90.1 Salt Lake City	UT	SL County refs FM 90	635
2052	<u>KZNK</u>	95.9 St. George	UT	Souther Utah advert	770
2130	<u>KPHF</u>	88.3 Phoenix	AZ	Family Radio	1020

August 4 Es continued

2132	KYOT	95.5 Phoenix	AZ	The Coyote...smooth jazz	1020
2312	XETRA	91.1 Tijuana	BN	Baja tourism advert	

August 6 Es

2108	KSWN	93.9 McCook	NE	SW NE's Prarie	
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August 10 MS

0300	<u>KRIC</u>	100.5 Rexburg	ID	Calls	510
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August 11 MS

0600	<u>KIOI</u>	101.3 San Francisco	CA	The New K101	620
2201	KSSE	97.5 Riverside	CA	Super Estrella	

August 12 MS

1111	<u>CJKR</u>	97.5 Winnipeg	MB	Power 97 Winnipeg	1065
2256	<u>KOFC</u>	97.9 Boise	ID	Idaho Country 98	385

August 12 TR

1237	<u>KZLN</u>	97.5 Othello	WA	WA Grand Coulee refs	150
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August 13 MS

548	<u>KIOI</u>	101.3 San Francisco	CA	The New K101	620
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August 14 MS

629	KRIC	100.5 Rexburg	ID	Rexburg refs	
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September 2 Es

2022	KYLZ	106.3 Los Lunas	NM	Wild 106	1080
2025	KMGA	99.5 Albuquerque	NM	Albuquerque advert	
2028	KANW	89.1 Albuquerque	NM	Calls	
2031	KGLX	99.1 Gallup	NM	Local adverts	985
2034	<u>KKOR</u>	94.5 Gallup	NM	Core FM	
2043	KHFM	96.3 Albuquerque	NM	Calls	
2051	KAIU	92.7 Grants	NM	Cibola Gen Hosp ref	1040
2123	KZZZ	94.7 Kingman	AZ	Bullhead C ref	860

Matthew C. Sittel 15013 Eureux Circle Bellevue NE 68123 (76255.2171@compusern)
Equipment Yamaha TX900U Tuner w/ modified filters, rabbit ears

Underlined are new. Mileage after comment field.

July 24 Es

0647	XHAA	93.1 Reynosa	TA	Local Mentions	1045
0651	KFRQ	94.5 Hartingen	TX	Q 94.5	1037
0729	KBNR	88.3 Brownsville	TX	Calls	1055

August 4 TR

0728	<u>KFDI</u>	101.3 Wichita	KS	Calls	248
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August 4 Es

1849	<u>WYRK</u>	106.5 Buffalo	NY	Calls	885
1855	<u>WFRG</u>	104.3 Utica	NY	Big Frog 104.3	1071
1900	<u>WRVN</u>	91.9 Utica	NY	Network ID	1071

August 8 TR

0718	KPLO	94.5 Reliance	SD	Calls	273
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August 9 GW

1759	<u>KSWI</u>	95.7 Atlantic	IA	K 95 rm\$	52
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August 10 TR

0741	<u>KKJO</u>	105.5 St. Joseph	MO	Ex 105.1	110
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August 11 TR

2321	KMMO	102.9 Marshall	MO	Local ads	201
2323	KYTC	102.7 Northwood	IA		213
2326	KOKX	105.7 Waterloo	IA	Kool 105.7	207
2327	<u>KXXK</u>	105.7 Knob Noster	MO	Kix 105	206
2331	KPLA	101.5 Columbia	MO	Calls	241
2334	<u>KMEM</u>	100.5 Memphis	MO	Calls k	203
2335	KOWZ	100.9 Blooming Prarie	MN	Calls	239
2335	WRQC	100.3 Minneapolis	MN	AD	301
2340	KTCZ	97.1 Minneapolis	MN	Cities 97	301
2347	<u>KTTS</u>	94.7 Springfield	MO	Calls	304
2354	<u>KATI</u>	94.3 California	MO	Local ad	248
2355	<u>KMXV</u>	93.3 Kansas City	MO	Mix	158
2359	KRPS	89.9 Pittsburg	KS	Calls	264

August 12 TR

0756	<u>WKFX</u>	99.1 Rice Lake	WI	Fox 99-1	370
0759	<u>KBIA</u>	91.3 Columbia	MO	ID	241
0815	KMFX	102.5 Lake City	MN	Fox Country	296

August 15 TR

0747	<u>KARL</u>	105.1 Tracy	MN	Karl Country	216
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August 21 TR

0725	<u>KOSP</u>	105.1 Willard	MO	Calls	296
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August 22 TR

0703	<u>KBOE</u>	104.9 Oskaloosa	IA	Calls	172
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August 25 TR

1146	<u>KARZ</u>	107.5 Marshall	MN	Karz FM	230
1151	<u>KTPK</u>	106.9 Topeka	KS	Twister 106.9	143
1157	<u>WXPT</u>	104.1 St Louis	MN	Ad	294
1200	<u>WHSB</u>	89.9 Brule	WI	PR ID	434
1212	WKFX	99.1 Rice Lake	WI	Remote	370
1217	KDOG	96.7 North Mankato	MN	Spot	233
1225	KQRS	92.5 Golden Valley	MN	KQ 92	307

John J. Rieger South Milwaukee WI (johnrieger@webtv.net)

Equipment Radio Shack DX-398 Stock

August 29 TR (from Stevens Point WI)

1657	WBZM	107.7 Fairbury	IL	Bloominton-Normal's 107.7 the Buzz	
1706	KJJC	107.1 Osceola	IA	Sports RDS KJJC	
1721	KROC	106.9 Rochester	MN	Calls Top 40	
1728	WLRW	94.5 Champaign	IL	Hits of the 90s, 80s, 70s on Mix 94.5	
1729	KIAI	93.9 Mason City	IA	Local mentions KIA-FM CW	
1729	KRNA	94.1 Iowa City	IA	Calls Aor	
1734	KGGO	94.9 Des Moines	IA	95 KGGO	
1737	KNRX	107.3 Lexington	KS	KC's K107FM r&b oldies	
1744	UNID	91.5		Radio WZRC Contemp Christian	
1753	WCFI	104.7 Morris	IL	Calls	
1803	WBGO	93.3 Peoria	IL	Big Oldies 93.3	
1812	WVLI	95.1 Kankakee	IL	WVLI The Valley oldies	
1818	KFMW	107.9 Waterloo	IA	IA's Pure Rock WX AOR	
1823	UNID	105.9		105.9 The Beach oldies	
1827	WSNI	92.9 Colfax	IL	Sunny 92.9 your Lite FM	
1835	WLST	95.1 Marinette	WI	Live 95 local mentions	
1840	WZOK	97.5 Rockford	IL	WZOK.COM top 40	
1842	KISD	98.7 Pipestone	MN	jx oldies	
1842	KUUL	101.3 Moline	IL	101.3 Cool FM local mentions	
1849	WSOY	102.9 Decatur	IL	Decatur's Y103	
1852	KVOG	104.3 Spring Valley	MN	Cool 104.3	
1853	KOKZ	105.7 Waterloo	IA	Cool 105.7 RDS KOKZ	

August 31 TR

0614	KOKX	95.3 Keokuk	IA	KOKX WX	
0616	KIIC	97.9 Lamoni	IA	Calls CW NEW	
0619	WGRY	100.3 Grayling	MI	tons of local mentions	
0620	KXIA	101.1 Marshalltown	IA	KIX 101	
0632	WLQI	97.7 Renseselaer	IN	WLQI WX	
0707	WGNV	88.5 Miladore	WI	local mentions wx cont christian	
0709	WHLA	90.3 LaCrosse	WI	RDS WHLA	

Fred Nordquist 7945 Boxford Road Clay NY 13041

(nordquist@twcnv.rr.com)

Equipment Rx: Carver TX-11a w/if filter mod

antenna: SP9s at 35' AGL & 12' AGL (vert pol for Es)

New are underlined. Number at the end is mileage.

October 23 1999 GW

2158	<u>WCIZ</u>	93.3 Watertown	NY	Ex 93.5 Z 93	60
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May 1 2000 Es TX/OK/MS/AR 1936-2256 MUF 107.7

2200	<u>KLBC</u>	107.1 Durant	OK	ID	1263
2207	<u>KTHS</u>	107.1 Berryville	AR	Local adverts ID	1037

May 9 2000 Es FL/GA 1904-2010 MUF 107.7

2000	<u>WJUF</u>	90.1 Inverness	FL	Storm Warnings ID (LOG #1800)	1046
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May 22 Es NE/IA 1859-1906 MUF 101.9

1900	<u>WOI</u>	90.1 Ames	IA	WX NPR	893
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Es into FM also noted on 5/13 FL 1900 5/14 FL 2029 5/14 FL 1828

June 18 GW

1516	<u>WNCQ</u>	102.9 Morristown	NY	w WMHR due to power failure k	107
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June 25 Es 2030-2200 OK MUF 104.9

2200	<u>KREK</u>	104.9 Bristow Creek	IA	ID Real Country	1192
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June 25 TR

2205	<u>CHKS</u>	106.3 Sarnia	Ont	K-106.3	316
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July 7 Es 1854-2154 FL/GA/TX/MO/KS MUF 101.9

1928	<u>WSKX</u>	92.3 Hinesville	GA	BB ID	835
2023	<u>WJRR</u>	101.1 Cocoa Beach	FL	r ID	1054
2122	<u>KRMS</u>	93.5 Tarkio	MO	slow ID	1009

July 8 Es 1036-1059 MS relogs

July 8 GW

1101	<u>WDWN</u>	90.7 Auburn	NY	SU's WJPX off for Summer	
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July 9 GW

2205	<u>WYOS</u>	104.1 Chenango	NY	Oldies/ID	64
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July 10 TR

2013	<u>WYCY</u>	105.3 Hawley	PA		125
2154	<u>WJSA</u>	96.3 Jersey Shore	PA	ID religion	146

July 15 Au

1800	WCSP	90.1 Washington	DC	relogs by new prop mode	
1850	WGTS	91.9 Washington	DC	relogs by new prop mode	

both were confirmed by checking there websites--had 30 sec delays

July 16 GW

1650	<u>WWJS</u>	90.1 Dexter	NY	Religion	61
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Es noted on 7/21 7/15 7/26 7/29 8/4 8/12 8/18 no ids

Local note WRDS 102.1 Syracuse off air due to ownership change over to owner of 99.5 WKTW who already has several other channels here
Total log at 1812

WORLDWIDE TV-FM DX ASSOCIATION
SERVING THE VHF-UHF DX ENTHUSIAST