



## The Worldwide TV-FM DX Association

Serving the VHF-UHF Enthusiast

### VHF-UHF DIGEST

E-ZINE VERSION

DECEMBER 2002

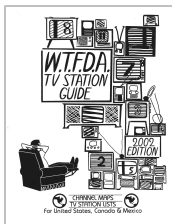
The VHF-UHF Digest is the official publication of the Worldwide TV-FM DX Association dedicated to the observation and study of the propagation of long distance television and FM broadcasting signals at VHF and UHF. The WTFDA is governed by a board of directors: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK AND MIKE BUGAJ.



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Welcome to our Christmas Holiday issue of the VUD. Northern FM DX will return next month due to major computer problems with Keith's computer. Once again we include the WTFDA membership list and we'll try to print the list for you twice a year. For those who like DXing via meteors, the Geminids are this month (see front cover). And pssst...want a T-shirt for five bucks? See the ad below. Enjoy your December VUD!



# The Mailbox

P.O. Box 501, Somersville, CT USA 06072

MIKE BUGAJ MBUGAJ@SNET.NET

### DECEMBER 2002

Hello, and welcome to the Mailbox for December. 'Tis the season to be jolly, so I hope all of you are in a jolly mood as we enter into the Christmas season.

### DON'T YOU JUST LOVE E-SKIP!

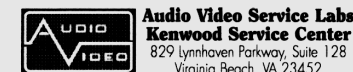
There's a reason they call it "sporadic" E. That's because it's sporadic! It just happens to show up when it feels like it. And that it did on November 4<sup>th</sup> during the midday hours and a few DXers who happened to be at home or near a computer knew about it and got to do some skip DXing. The skip itself covered a large amount of territory; all the way from **Kevin Redding** in Phoenix to **Jeff Kadet** in IL, **Doug Smith** in TN, **Scott Fybus** in Rochester and **Rick Shaftan** in NJ, where it reached FM briefly. Not bad for November!

### MEMBERS AND MORE

We have a few people to say hello to this month, so let's get started. Number one this month is **Dave Freeman** from Rigo Park, NY, who not only joined the club, he bought a TV Station Guide besides! Dave is TV DXing with a Sharper Image Hand Held Color TV. For FM he is using a MCS (Technics) AM/FM stereo receiver. Dave was in the WTFDA in the early 1980s and rejoins. Web surfers might also know Dave's aircheck site, otherwise known as Dave's Airchecks, what else?

Then we welcome **Paul LaFreniere** from Grand Marais, MN who liked the WTFDA list so much he joined the club as an Associate Member.

Next is **Bill Black** from Washington, DC. Bill was in the club a short time ago, left and came back. He mentions that he really likes the WTFDA list and that was a major consideration in his rejoining. WB, Bill!



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Kenwood Service Center

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R. Charles Rippel

Consumer Electronics Service  
Amateur/Land Mobile Service

757-340-7143 (AVS) • 757-340-1702 (KSC)  
757-340-6809 (FAX)

And this brings us to **Charles(Chuck) Rippel**. You folks know you have an open invitation to send in a card with your ham calls, etc. on it (or your QSL card)with your dues renewal. Chuck just happened to send in his business card and here it is. As you can see, Chuck is owner of Audio Video Service Labs in Virginia Beach, VA.. Chuck is also on the WTFDA list and is building one superb DX set-up.

Now we move on to Renewals, and this month we're happy to know that **Robert Delaney**(IL), **John Adams**(OR), **John Rieger**(WI), **Cliff Rames**(FL), **Larry Weil**(NH), **Don Niles**(WV), **Ed Norris**(IN), **Mitsuhiro Hukunaga**(Japan), **Bob Seybold**(NY), **Ed Sirovy**(IL), **Keith Short**(OH), **John Ridge**(NY), **Marvin Shults**(IL), **Scott Fybus**(NY), **Bill Nollman**(CT) and **Jeff Kitsko**(PA) will be with us for the year 2003. Thank you all for showing your support of the WTFDA!

From **Bill Black**: "I've really been enjoying the message list---one of the big reasons for rejoining. Rather than chasing more stations I just want to be able to hear a couple more jazz or alternative FM stations than I can now here in Washington, DC. I put a Radio Shack FM turnstile up on my roof a couple of weeks ago but I still can't hear some of the stations I'd like. My next step is a Radio Shack 6-element beam and a rotor. I'm looking forward to asking the list members for advice as I work through this process."

Next we hear a little bit from **Chuck Rippel**: "I have been an SWBC DXer for about 35

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years. Served as Executive Director of NASWA 1989-1990 and am a member of NRC and NU. Have always been interested in VHF and UHF.

After I found his site, I had been corresponding with Girard Westerberg on and off a few times in the last 8 months or so. Turns out that he is in the broadcast engineering business and that we have that in common. I really like Gerard's site and it started me thinking about pursuing that part of the hobby. Credit him with my interest and involvement.

My company has been in the Hi-Fi repair business for 21 years or since I got out of college. During that entire period we have been authorized Yamaha, Pioneer, Onkyo, Kenwood, Marantz, Nikko, Sony, Sansui, etc. since about 1981."

Chuck also included some photos with his email to me and I've saved them because a couple of them will make nice VUD covers sometime next year.

From **Bob Seybold**: "I was glad to be at Albion get-together and see you, Bob and the rest." Well to be honest, nobody went there to see me, of all people. We all went there to see Bob Cooper. But I would like to mention that I still do have those two photos of the Seybold/Cooper/Kadet/Merrill group sitting in my camera STILL and if I would only get off my butt and get the roll developed we'd have some nice photos for the VUD. I really need to get that done. Bob also mentioned that he's heard from Dennis Smith and Bill Eckberg and Gary Hickerson down in Arkansas.

### AND SPEAKING OF IBOC

Here are excerpts of a post from **Joe Fela** on the WTFDA list: "1. It's my contention that the IBOC tests to date have all been little league in nature. Like throwing a 55 mph fastball to the best homerun hitter in the league. All the tests were done using single stations which minimize the interference that can and will occur. I feel CLUSTERS of stations should have been used in testing IBOC where 3-5 stations in an area, relatively near each other, all run IBOC to determine what the interference will be created in the real world. Some clusters I have in mind: DC/Philly/NYC on 101.1 and York, PA and Hamden, CT on 101.3.

Another interesting cluster: Trenton and Lancaster on 94.5, and Dover, DE and Newark on 94.7. On AM, a dynamite cluster would be Flemington, NJ on 1040, NYC on 1050, and Philly on 1060.

Just WEVD and KYW running IBOC sets off a lot of warning bells and whistles. I'm sure you can come up with your own combinations. At home with a good FM set-up you can minimize IBOC interference, but you can't in your car!! Think of the number of listeners that would lose reception just in these cases, even without trop or skip.

2. The second area are the digital receivers themselves. Scott Fybush says no problem but I really wonder if he knows. Dave Schmidt in the last DXN says that on AM with interference, the digital won't decode. WOR's CE says, on the NYC message board, they only got their 2nd digital receiver recently, and this one with a newer version of chips, so they are running IBOC without having much of a resource of going out in the world and finding if it really works, decodes, when you get away from the transmitter. And the WOR posts are so pro-IBOC that you have to rule out any of their comments or results are unbiased. Another comment made was that if the digital receiver loses the digital it would kick over to the analog signal...but I was under the impression that the analog and digital signals would have different programming in the long term so that doesn't wash. The digital signal might not be programming anyway...it might be data transmission instead. I'm sure within a short distance from the transmitter the signal will decode, but what happens when you get 20 miles out? WCBS and WBEB's signals overlap in a very big area, for instance. I can't see any way a digital radio can handle this. Likewise when you get in an area just south of here where you have many situations where you have stations adjacent to each other at strong signal levels (referring to NYC/Philly combos like 95.5/95.7). I can see large areas, with sizable populations, where IBOC will take out the analog and if the digital doesn't decode, which is a big ???, leaving the people in these areas with only a few usable signals (particularly on car radios) where they used to get tens of stations!!!!

Anyway, I hope I gave you a few new things to think about." You sure did Joe. My head hurts! See you all next month. -Mike

## TV News

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December 2002

### Abbreviations:

AF	Applied for (a new station)	PG	Power (or tower height) change granted
CC	Call change	PR	Power (or tower height) change requested
CL	City-of-license change	QC	Channel change on the air
DE	Station deleted	QG	Channel change granted
FC	Programming (format) change	QR	Channel change requested
GA	Granted Amendment (of channel-allocation table)	RA	Returned to the air
LC	License to cover (for changes or new station)	ROA	Request of applicant
NO	Not on the air	SI	Off the air ("silent")
NS	New station granted permit	STA	Special Temporary Authority
NW	New station on the air	XC	Transmitter site change on the air
PA	Proposed Amendment (of channel-allocation table)	XG	Transmitter site change granted
PC	Power (or tower height) change on the air		

DTV stations *in italics*; full-license stations in **boldface**.

### News:

<b>Alabama:</b>				Wellton	29 K65BB	QR from ch. 65, 1.12kw *reinstated*
<b>Bessemer</b>	<b>17 WDBB</b>	<b>PG&gt;2240kw/675m, 33-28-51/87-24-03</b>		Wellton	31 K67BI	QR from ch. 67, 1.13kw *reinstated*
<b>Birmingham</b>	<b>10 WBIQ</b>	<b>PG&gt;426m, 33-29-04/86-48-25</b>				
Cullman	43 WMJNLP	CL from Decatur		<b>Arkansas:</b>		
Decatur	16 WYAML	QR from ch. 56, 72.2kw		Bentonville	26 K26HB	QG from K14IT, 10kw
Decatur	43 WMJNLP	XC 34-35-31/87-06-10		Fort Smith	21 KHBS-DT	PR 325kw/602m
Dothan	25 WDOL-LP	PG>150kw, 31-13-40/85-21-06		Fort Smith	32 K68ET	QR from ch. 68, 15.8kw
Gadsden	45 WPXH-DT	PC<309m		Fort Smith	34 K34EN	PG>8.2kw, 35-31-30/94-22-27
Greensboro	3 WDVZ-LP	PC>3kw, 32-52-40/87-36-53		Fort Smith	43 K43EZ	PR>5.8kw
Huntsville	49 WAFF-DT	PG<41kw/552m, 34-42-39/86-32-07; already on the air.		Little Rock	30 KLRT-DT	PC<449m
<b>Opelika</b>	<b>66 WWSW -TV</b>	<b>PG&gt;5000kw/443m, 32-19-25/84-46-46</b>		Paris	49 K49GZ	QG from K53GB, 47.5kw
Prichard	18 WRBM-LP	QR from ch. 60 dismissed ROA		Rogers	50 KFAA-DT	PR>267m, 36-24-48/93-57-17
<b>Alaska:</b>				Walnut Ridge	16 W16CD	NS 20kw, 36-03-44/90-58-44
Bethel	27 K27HE	NS 620w, 60-47-33/161-46-22 (KYES-5)		<b>California:</b>		
<b>Arizona:</b>				Bakersfield	10 KERO-DT	NW 4.6kw/1081m
Ajo	55 new	AF dismissed - Mexican objection		Bakersfield	11 K11VA	QG from K14IK, 990w, 35-26-16/118-44-28; CL from Delano
Casa Grande	27 K27HF	NS 1.18kw, 32-52-19/111-44-40		Bakersfield	21 K21FP	QC from K55CN, 350w
Holbrook	6 K06NL	NS 800w, 34-52-31/110-09-51		Bakersfield	25 KGET-DT	PG<135kw/405m
Holbrook	8 new	AF 1kw dismissed - settlement		Bakersfield	43 new	AF 10kw dismissed - settlement
Page	58 K58HN	NS 999w, 36-54-32/111-27-26		Big Bear Lake	6 K06MU	PG>1kw, 34-14-24/116-54-47
Phoenix	27 KAZT-CA	PG>56kw, 33-20-02/112-03-41		Cathedral City	45 KDPX-LP	PR>50kw
Phoenix	29 KAET-DT	PC>1000kw		Clovis	43 KGMC	PC>1023kw
Phoenix	42 K42FD	QC from K24EI, 4kw		Clovis	44 KGMC-DT	PC>288kw
Tucson	19 KTTU-DT	PR 584kw/1123m, 32-24-56/110-42-50		Corona	52 KVEA	PR<2510kw/907m, 34-12-48/118-03-41
Wellton	24 K61AX	QR from ch. 61, 1.13kw *reinstated*		<b>EI Centro</b>	<b>7 KVYE</b>	<b>NW 316kw/444m, 33-03-02/111-49-38</b>
				EI Centro	22 KVYE-DT	PG 1000kw/477m
				Fresno	34 KGPE-DT	PR<185kw/577m
				Inland Empire	45 KHTV-LP	QR from ch. 38, 9.77kw, 34-12-48/118-03-41

Los Angeles	35 KMEX-DT	NW 400kw/956m, 34-13-36/118-03-59	Fort Myers Fort Pierce	9 WINK-DT 50 WTVX-DT	GA from ch. 53 NW 704kw/438m	Dalton Hartwell	16 WELF-DT 22 W22AC	PG 300kw/447m PR-900w	Rockford Urbana	16 WTVO-DT 9 WILL-DT	-settlement NW 196kw/201m QG from ch. 33, 30kw/302m
Monterey	23 KMUV-LP	CC from K23EW	Hollywood	47 WAMI-DT	NW 575kw/297m, 25-59-09/80-11-37	Hiawassee	50 W50A-B	PR->1.05kw			
Ontario	29 KFTR-DT	PR->400kw/937m	Jacksonville	38 WJCT-DT	PR-288m	Perry	32 WPGA-DT	PR-<18kw/185m			
Redding	33 K34DF	QR from ch. 34, 1.02kw	Jacksonville	43 WBXJ-CA	QC from ch. 10, 49kw, 30-16-34/81-33-53	Rome	51 WPXA-DT	NW 1000kw/622m			
Redding	45 K34DF	QR from ch. 34, 1.02kw dismissed ROA	Key West	28 810409YJ	AF 1.2kw, 24-34-30/81-44-01 reinstated (TBN)	<b>Hawaii:</b> Hilo	22 KHBC-DT	PG<8kw/-170m, already on the air PR>11.1kw			
Redding	58 new	AF 20kw dismissed -settlement	Key West	31 W31AB	PR>2.34kw, 24-32-51/81-47-50	Lihue	42 K42FG		Farmersburg	34 new	AF 30kw dismissed -settlement QC from ch. 11, 14.5kw
Redlands	45 K45HE	QG from K66ED, 43.7kw, 34-13-37/118-03-57 (Mt. Wilson)	Lealman	43 W43CE	QG from W61AI, 45kw, 28-02-21/82-39-20; CL from Rock Harbor	<b>Idaho:</b> Boise	21 KAID-DT	PG>197kw			
Riverside	68 KRCA-DT	NW 574kw/907m, 34-12-50/118-03-40	Melbourne	48 WOPX-DT	NW 1000kw/456m, 28-05-37/81-07-28	Boise	26 KTVB-DT	PC>948kw/785m	Indianapolis	17 WIIH-CA	QC from ch. 11, 14.5kw
Sacramento	31 KMAX-TV	PG>560m	Melbourne	48 WOPX-DT	NW 1000kw/456m, 28-05-37/81-07-28	Boise	28 KBCI-DT	PC-<89kw/858m, 43-45-21/116-05-54	Marion South Bend	32 WNDY-DT 25 WMWB-LP	NW 1000kw/271m PG>37.8kw, 41-36-55/86-11-07; CL from Berrien Springs, MI
Sacramento	38 K61DW	QR from K61DW, 31kw, 38-34-50/121-29-33 reinstated & already granted.	Miami	26 WPXM-DT	PG 200kw/282m, 25-59-09/80-11-37	Coeur d'Alene	41 K41FJ	PC>13.5kw; QC from ch. 31 PG>25.9kw, 47-37-44/117-18-48	South Bend	57 WBND-LP	PG>58.2kw, 41-36-55/86-11-07 PG>131kw, 41-36-55/86-11-07
Sacramento	48 KSPX-DT	PR-<489m, 38-15-54/121-29-24 PR-<19.75kw/720m	Miami	32 WBFS -DT	PC-<263m	Coeur d'Alene	47 KQUP-LP	NW 80w, 42-15-10/111-43-45	South Bend	69 WRDY-LP	PG>131kw, 41-36-55/86-11-07
Salinas	13 KCBA-DT	PR-<19.75kw/720m	Naples	45 WTVK-DT	NW 1000kw/456m, 26-47-08/81-47-40	Preston	7 K07XM	NW 80w, 42-15-10/111-43-45			
S Fernando Vly	6 KFSV-LP	QR from ch. 26, 500w	Orange Park	10 WJXX-DT	NW 12kw/298m, 30-16-24/81-33-13	Preston	40 K40GZ	NW 1.8kw, 41-53-00/112-04-42			
San Francisco	9 KQED	NW 316kw/280m (aux backup)	Orient City	15 K15CY	QG from W59AJ, 49kw, 27-59-37/82-24-46; CL from Matecumbe QG from ch. 14, 14.7kw, 28-41-11/81-20-59	Rexburg	47 K47HX	QG from K67HA NW 800w, 48-19-53/116-41-34; QC from ch. 20	Rockwell City	46 K46HB	NS 3kw, 42-30-00/94-45-25 NS 20kw, 42-30-00/94-45-25
San Francisco	45 KBHK-DT	NW 400kw/446m	Orlando	50 WTOF-LP	14.7kw, 28-41-11/81-20-59	Sandpoint	52 K52GH	NW 800w, 48-19-53/116-41-34; QC from ch. 20	Rockwell City	54 K54IH	NS 20kw, 42-30-00/94-45-25
San Francisco	51 KDTV-DT	NW 476kw/701m, 37-29-57/121-52-16	Palm Beach	43 WWHB-CA	PC>150kw, 27-01-32/80-10-43	Champaign	7 W07DD	QC from ch. 21, 900w	Rockwell City	56 K56IA	NS 20kw, 42-30-00/94-45-25
San Luis Obispo	44 KFUL-LP	QG from ch. 25, 19.9kw, 35-21-38/120-39-24	Palm Beach	49 WFGC-DT	PR-<800kw/125m, 26-45-47/80-12-19	Chicago	46 W53BP	QR from ch. 53, 150kw, 41-52-44/87-38-08 (Sears Tower); CL from Quincy	Waterloo	22 KWWF	PG<500kw/28m, 42-29-51/92-20-07
San Mateo	43 KCSM-DT	PG>536kw/428m, 37-45-19/122-27-06	Panama City	8 WJHG-DT	QG from ch. 42, 52kw/244m				Waterloo	55 KWWL-DT	PC-<194kw/527m
Santa Maria	19 KCOY-DT	PG<130kw/579m	Panama C. Bch.	47 WPCT-DT	PG<12.9kw/59m	Chicago	47 WTTW-DT	NW 300kw/465m	<b>Kansas:</b> Pittsburg	14 KFJX	CC for new station PG<302m, already on
Santa Maria	51 K51GB	QC from ch. 65, 5kw, 34-50-05/120-22-57	Pensacola	45 WJTC-DT	PC-<457m	Decatur	18 WAND-DT	NW 350kw/379m	Topeka	11 KTWU	PG<302m, already on
Stockton	25 KOVR-DT	PC>1000kw	Sebring	23 W27AE	QR from ch. 27, 11kw	Flora	23 WNOI-LP	NW 300kw/379m	Topeka	43 KTLJ-LP	PC>29.3kw
29 Palms	16 K16FI	QC from ch. 63	St. Petersburg	33 W33CC	QC from W24BF, 27-50-53/82-45-48	Rochelle	25 new	AF 1kw dismissed - settlement	Wichita	31 KWCV-DT	NW 1000kw/345m, 37-48-01/97-31-29
29 Palms	23 KVMD-DT	NW 100kw/766m, 34-02-17/116-48-47	St. Petersburg	59 WTOG-DT	NW 600kw/452m, 27-50-52/82-15-48	Rochelle	46 new	AF 400w dismissed			
<b>Colorado:</b> Denver	28 K28HJ	QG from K51AB, 38.4kw, 39-54-48/105-17-33; CL from Windcliff QG from K30BS, 30w, 39-33-57/106-03-17	Stuart	48 WTCN-CA	PC>60kw, 27-01-32/80-10-43	<b>Kentucky:</b> Bowling Green	16 WNKY-DT	PG 600kw/224m	<b>Maryland:</b> Baltimore	59 WBAL-DT	PC<513kw
Redcliff	26 K26GY	CL from Windcliff QG from K30BS, 30w, 39-33-57/106-03-17	Tallahassee	24 WTLF-DT	NS 24kw/39m, 30-29-40/84-25-03 same channel as analog	<b>Bowling Green</b>	40 WNKY	NS 20kw, 36-58-37-85-53-48 (TBN)	<b>Massachusetts:</b> Adams	51 W51AE	PR>6kw
<b>Connecticut:</b> Hartford	3 WFSB	PR<271m	Tampa	29 WFTS -DT	NW 100kw/465m dismissed; PG>500kw/476m	Glasgow	60 W60DC	NS 20kw, 36-58-37-85-53-48 (TBN)	Boston	3 WCEA-LP	QR from ch. 19 dismissed - petitions to deny granted (but station already operating on ch. 3) QR to ch. 58, 5kw, 42-19-52/71-04-40, and already granted.
Hartford	28 WHTX-LP	QR from ch. 11, 5.6kw, 42-14-30/72-38-57	Tampa	29 WFTS -DT	NW 100kw/465m dismissed; PG>500kw/476m	Lexington	13 WKYF-DT	QC from ch. 59, 30kw/282m			
Hartford	33 WFSB-DT	PR>1000kw/289m	<b>Tice</b>	49 WRXY-TV	PG>429m	Louisville	8 WBNA-DT	NW 27kw/200m			
New Britain	35 WVIT-DT	PG>200kw	<b>W Palm Beach</b>	5 WPTV	PG>390m	Owensboro	30 WKOH-DT	NW 63.3kw/124m			
New London	34 WHPX-DT	NW 90kw/363m	<b>W Palm Beach</b>	27 WXEL-DT	PG 400kw/440m	Pikeville	24 WKPH-DT	NW 50.4kw/423m			
<b>District of Columbia:</b> Washington	50 WBDC-TV	PG>4178kw/253m	<b>W Palm Beach</b>	28 WFLX-DT	PC>630kw/458m	<b>Louisiana:</b> Lafayette	56 KLFY-DT	NW 1000kw/507m	<b>Springfield</b>	11 WWLP-DT	NW 1.95kw/268m
<b>Florida:</b> Big Pine Key	27 W27CR	QG from W52BB, 4kw, 24-33-18/81-48-07	<b>Georgia:</b> Atlanta	25 WATL-DT	PC<500kw/332m	Shreveport	17 KSLA-DT	PC<175kw/518m	<b>Worcester</b>	48 WYDN	PG>2300kw
Cape Coral	35 WFTX-DT	NW 1000kw/404m	Atlanta	28 WDTA-LP	QG from ch. 53, 15kw; CL from Fayetteville	Shreveport	28 KTBS-DT	NW 1000kw/563m	<b>Michigan:</b> Battle Creek	20 WOTV-DT	PG 270kw/311m
Daytona Beach	57 WPXB-LP	CC from W57CV	Atlanta	36 WATL	QC from W55CR, 15.7kw, 33-33-51/84-20-27	<b>Maine:</b> Bangor	25 WLBD-DT	PG 1000kw/199m, 44-44-10/68-40-17	Battle Creek	44 WZPX-DT	NW 212kw/305m
			Atlanta	38 W38DI	PG>50kw, 33-48-26/84-20-22	Bangor	33 WBGR-LP	PR>150kw, 44-34-49/68-53-51	Calumet	11 WBKP-DT	PG>96kw/388m, 46-26-17/88-02-58
			Carrollton	49 W49AD	PR-<800w, already granted	Biddeford	45 WMEA-DT	NW 50kw/231m	Grand Rapids	19 WXMI-DT	NS 155kw/306m, 42-41-15/85-31-57
			Columbus	47 WTVM-DT	PG<528kw/115m	Calais	10 WMED-DT	PG<3.5kw	Holland	25 WOGC-CA	PC 30kw, 42-48-59/85-57-20; CL from Grand Rapids
						Orono	9 WMEB-DT	NW 15kw/375m, 44-42-12/69-04-47	Ishpeming	10 WBUP	PG<133kw/105m,
						Presque Isle	20 WMEM-DT	NW 160kw/346m			



Rogue River 17 K17EZ **45-31-21/122-44-45 (aux backup)**  
NW 1.31kw,  
42-25-35/123-08-58

**Pennsylvania:**  
Allentown **69 WFMZ-TV PR>5000kw, PG**  
Clarks Summit 14 W14CO QC from ch. 32,  
1.84kw

Dillsburg 35 W35BT QG from W40AF,  
150kw,  
40-18-19/77-00-28

Erie 5 new AF 30w dismissed -  
settlement

Erie 7 new AF 1kw dismissed -  
settlement

Erie 9 new AF 2kw dismissed -  
settlement

Erie 9 new AF 400w dismissed -  
settlement

Greensburg 50 WPCB-DT PG 362kw/264m  
Harrisburg 4 WHP-DT NW 2.3kw/349m  
Johnstown 34 WJAC-DT PR>250kw/383m  
Lancaster 23 WLYH-DT PG 325kw/386m  
Mansfield 67 W67DZ NS 2kw,  
41-54-36/77-00-40  
(TBN)

Newport 25 W25DC QG from W67DE  
Philadelphia 7 WWJT-LP PR>1.5kw dismissed  
ROA

Philadelphia 32 WPSG-DT PC>250kw/400m  
Philadelphia 42 WTXF-DT PG>1000kw/163m  
dismissed

Philadelphia 65 WPHL-DT NW 500kw/354m  
Pittsburgh 64 W65CG PG>11.3kw  
Red Lion 30 WGCB-DT PG 500kw/174m  
Renovo 40 W40BS NS 200w,  
41-18-19/77-44-45

**South Carolina:**  
Columbia 10 WIS PG>479m  
Columbia 48 WACH-DT PG<520kw/464m  
Florence 51 W51DI QG from ch. 50,  
82.2kw

Greenville 16 WGGG-TV PR>2240kw/349m  
Hilton Head I. 48 W48CX QG from W53BX

**South Dakota:**  
Pierre 14 K14IO PG<8kw,  
44-18-42/100-21-10  
(KTTW-17)

Rapid City 21 KNBN NW 500kw/211m,  
44-05-33/103-14-53  
(NBC)

Sioux Falls 29 KSFY -DT PG<368kw/589m  
Watertown 48 K48HS NS 10kw,  
44-52-16/97-06-34  
(TBN)

**Tennessee:**  
Chattanooga 9 WTVG PC>322m  
Chattanooga 35 WTVG-DT NW 200kw/305m  
Knoxville 34 WTNZ-DT NW 460kw/531m  
Knoxville 43 WTNZ PC 1960kw/531m,  
36-00-13/83-56-35

Memphis 10 WKNO PR<324m  
Memphis 29 WKNO-DT PR<835kw/320m  
Memphis 51 WPXX-DT NW 1000kw/298m  
Memphis 52 WMC-DT PC<394kw/338m,  
35-16-33/89-46-38

Murfreesboro 38 WHTN-DT NW 1000kw/250m,  
36-04-58/86-25-52

Nashville 10 WSMV -DT NW 42.4kw/415m  
Nashville 15 WZTV -DT PG 1000kw/411m,

Nashville 20 WVIE-LP 36-15-50/86-47-39;  
already on air  
PG<40kw,  
36-16-05/86-47-45;  
RA, Pax // WNPX-28

Nashville 21 WUXP-DT NW 1000kw/413m  
Nashville 23 WNAB-DT NW 350kw/427m,  
36-15-50/86-47-39

Nashville 33 WVIE-LP QR to ch. 33,  
30.33kw dismissed  
ROA

**Tazewell 48 WVLR NW 5000kw/431m,  
36-15-30/83-37-43  
(CTN religion)**

**Texas:**  
Abilene 4 KKWV-LP CC from KAGT  
Amarillo 41 K41GY PR>36kw  
Arlington 42 KPXD-DT NW 1000kw/368m  
Austin 18 KLRU PR>1740kw/388m,  
30-19-23/97-47-58  
dismissed

Austin 21 KXAN-DT PG 700kw/396m  
Austin 22 KLRU-DT PR<358m  
Austin 33 KVUE-DT PR<376m

Beaumont 64 KUIL-LP PC>25kw  
Beaumont 68 new AF 150kw dismissed  
-settlement

**Conroe 49 KPXB PR>589m,  
29-34-15/95-30-37  
(amendment)**

Corpus Christi 14 KXPX-LP PR<150kw  
dismissed

Dallas 40 KXTX -DT NW 1000kw/494m  
Decatur 29 KMPX PR>5000kw/530m,  
32-35-19/96-58-05  
(Cedar Hill, Dallas)  
PG>420kw

**El Paso 14 KFOX -TV  
Fort Worth 19 KTVF-DT NW 565kw/500m  
Galveston 47 KTMD QC from ch. 48**

Houston 38 KHWB-DT NW 1000kw/582m  
Houston 44 KZJL-DT PR>579m,  
29-33-44/95-30-35

**Houston 61 KZJL PR<1700kw/579m,  
29-33-44/95-30-35**

Junction 53 K53HY NS \*,  
30-31-53/99-51-58

Keene 46 KGSW-LP QC from ch. 60,  
10kw,  
32-24-19/97-19-55

**Killeen 62 KAKW PC<1660kw/553m,  
30-43-33/97-59-24  
becoming Univision  
for Austin**

Lamesa 55 K55JQ NS \*,  
32-45-34/101-57-11

Laredo 15 KGNS-DT PG>1000kw  
Lubbock 14 KUPT-LP QC from ch. 22,  
12kw

Lubbock 44 new AF 10kw dismissed  
-settlement

Lubbock 69 K69IM NS 9.93kw,  
33-34-48/101-50-48

Malvado 56 new AF \* dismissed -  
settlement

Mullin 28 K28HU QG from ch. 69,  
6.44kw,  
32-35-19/96-58-05  
(Cedar Hill, Dallas)

Mullin 28 K69BS QG from ch. 69  
rescinded

San Antonio 38 KVDA-DT NW 1000kw/414m  
San Antonio 48 KSAT-DT NW 1000kw/427m  
San Antonio 58 WOAHD-DT PC<480kw/457m  
Sherman 20 KXII-DT NW 425kw/504m

Temple 9 KCEN-DT NW 25kw/527m  
Victoria 11 KVCT-DT QR from ch. 34,  
19.5kw/298m,  
28-50-26/97-07-47

Waco 20 KWBU-DT PG 1000kw/319m,  
31-19-17/97-20-40

**Waco 34 KWBU-TV PC>1950kw/319m,  
31-19-17/97-20-40**

**Utah:**  
Delta/Oak City 47 K47HM NW 2.5kw,  
39-21-15/112-20-30

Ogden 24 KPNZ PC 1514kw/1229m,  
40-39-33/112-12-07

Ogden 24 KPNZ-DT AF 450kw/1229m,  
40-39-33/112-12-07  
*reinstated*

Ogden 48 KUWB-DT NW 200kw/1257m,  
40-39-33/112-12-07

Provo 29 KUPX-DT PC<530kw  
Salt Lake City 34 KUTV-DT NW 523kw/922m  
Salt Lake City 42 KUIC-DT NW 239kw/1266m,  
40-39-33/112-12-07

Salt Lake City 66 K66FN PR>38kw,  
40-39-33/112-12-02

Wanship 6 K06JH PG>40w  
Wanship 8 K08JE PG>40w

**Vermont:**  
Hartford 31 WNNE PG<1820kw/684m

**Virginia:**  
Chase City 18 K66AS QR from ch. 66  
dismissed ROA

Goldvein 30 WNVF-DT PG 160kw/229m  
Hampton 41 WVEC-DT PC>1000kw  
Hampton-Norfolk 16 WHRO-DT PC>950kw/361m  
Newport News 39 W39BW PR<150kw

Norfolk 46 WPXV-DT NW 1000kw/360m  
Petersburg 22 WRIC-DT PC<328m, drop DA  
Richmond 17 WXOB-LP QC from ch. 14,  
22.8kw

Richmond 25 WTVR-DT PG<410kw/347m,  
37-30-45/77-36-05

Roanoke 18 WDBJ-DT NW 460kw/606m  
Roanoke 36 WPXR-DT NW 700kw/623m  
Virginia Beach 29 WVBF-DT NW 1000kw/244m,  
36-49-14/76-30-41

Woodstock 10 WAZT-CA PR>3kw,  
38-57-50/78-25-46  
PR>150kw

Yorktown 19 W31BG

**Washington:**  
Bellingham 52 K52IE NS 11.9kw,  
48-48-04/122-27-40

Camas 20 KOXI-CA QR from ch. 19,  
150kw

Everett 29 K29ED QC from K27CI  
Everett 29 K29ED QC from ch. 27  
Spokane 55 K55EB PG<10kw

**Walla Walla 9 KBKINW 316kw/436m,  
45-59-23/118-10-31**

**West Virginia:**  
Charleston 16 W23BH QR from ch. 23,  
65kw

Elkins 31 new AF 10kw dismissed  
(TBN)

Huntington 13 WOWK-TV PG 115kw/414m

**Wisconsin:**  
Eau Claire 54 K54II NS \*,  
44-47-41/91-24-59

Madison 20 WHA-DT PC>100kw  
Madison 21 WHA-TV PC<870kw  
Viroque 53 K53HX NS \*,  
43-33-41/90-52-38  
(s/b "Viroqua")

**Wyoming:**  
Casper 13 KCWY NW 316kw/568m,  
42-44-26/106-21-34  
(Pax)

Clareton 58 K58HM NS \*,  
43-43-51/104-48-00

Laramie 24 KPAH-CA PR>4.2kw dismissed  
ROA

Sheridan 7 KSWY CC from KBNM

**Guam:** (TBN is licensee of all four)  
Agana 28 K28HS NS 25kw,  
13-29-20/144-49-39

Agana 30 K30HB NS 25kw,  
13-29-20/144-49-39

Agana 32 K32GB NS 25kw,  
13-29-20/144-49-39

Agana 36 K36GJ NS 25kw,  
13-29-20/144-49-39

**Puerto Rico:**  
Caguas 56 WLII-DT PG 71kw/354m,  
18-17-01/66-06-47

Ponce 26 WQTO PG>1000kw  
Ponce 43 W5UR-DT PG<68kw/834m  
Quebradillas 48 W66BM QC from ch. 66  
San Sebastian 39 WJWN-DT PG>1000kw

**Virgin Islands:**  
Charlotte Amalie 48 WVXF-DT PG 50kw/455m  
Charlotte Amalie 50 W50CQ PR<10.5kw  
Christiansted 5 WCVI-DT PG 1kw/125m  
Christiansted 20 WSVI-DT PG 459kw/305m

**CANADA:**  
**Alberta:**  
Calgary ?? new AF new station  
Edmonton ?? new AF new station  
Red Deer ?? new AF new station

**Ontario:**  
Prince Township 29 CICE-TV 4 QR from channel 49

It's been awhile since LPTVs were in the minority in TV News! Many DTV changes and new DTV stations this month. Five new DTVs appeared in Nashville in one week. (Many of them haven't appeared in the official Public Notices yet. I'm sure there are a bunch of new DTVs on the air that aren't in this month's column.)

Jeff Kruszka reminded me I forgot to explain what "GA" (and "PA") meant when I began using them in last month's column. "GA" means "Granted Amendment" of the channel allocation table; "PA" means "Proposed Amendment". If a full-license analog or DTV station wishes to move to a different channel, or someone wishes to start a new station, they must first get the allocations table amended to allow use of that channel at that location.

Matt Sittel saw KETV-7 run a story on their news about their new DTV transmitter. He's

indeed seeing the station on the air, "...but only if I point at it." With the low power I'm not surprised. Other WTFDAers reporting new local DTVs include Scott Fybush (WROC-45 Rochester NY) and Mike Bugaj. (WWLP-11 Springfield MA)

On the WTFDA List, Eric Bueneman reports WHSL-46 is now phasing in UPN programs. So far, *Buffy the Vampire Slayer* and *Enterprise* are airing. WHSL will drop the home-shopping programs and become "UPN 46" in April.

Last month, I expressed doubt KCET-28 was actually signing off at night - theorizing K21FP, their translator Dennis Smith was seeing in Bakersfield, was signing off while their primary was still on. Joseph Martin of Los Angeles corrects me... "They both ("both" refers to KVCR-24) close down around midnight, or shortly thereafter, and come back on around 6 a.m."

Many DTV stations are not operating 24 hours a day even when their associated analog stations are. In Los Angeles, Joseph reports KSCI-DT, KCET-DT, and KCAL-DT are not on the air 24 hours. The other operating L.A. DTVs are on at least during the hours Joseph's awake.

KCET-DT carries 1080i high-definition programs on virtual channel 59-1, and

unconverted standard-definition 480i from their analog station on 59-2. Speaking of KVCR-24, they're operating on greatly reduced power. A cooling failure destroyed their transmitter in mid-November. A temporary 1kw transmitter has been installed - I would expect an ERP on the order of 50kw. Their DTV transmitter and a replacement analog transmitter are already on order.

Across the country, John Zeis reports from Philadelphia. WPHL-DT and WPSG-DT are on the air as of early November. WPHL crops the top and bottom of the 4:3 analog signal, filling most of the 16:9 frame. All other Philadelphia DTV stations "...paste the 4:3 image within the 16:9 frame leaving black borders all around." Likewise here in Nashville. One station - I can't remember which one! - fills the frame, the others all have black borders.

WYBE-35 has been announcing a planned DTV start date of November 15. A bit further north, WFMZ-DT in Allentown has been off the air for three weeks as of mid-November. E-mail John received from the station indicated the transmitter is being moved; WFMZ-DT will be back when the move is complete.

I'm afraid the Leonidis were pretty much a bust at my location. Hope you did better. Good DX!

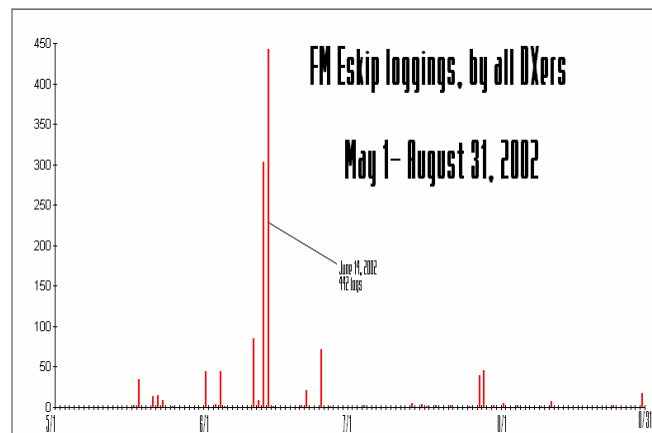
# The skip season that wasn't: 2002

## FM E-skip report

By: Adam Rivers, Chicopee, MA, [patriotsrule417@yahoo.com](mailto:patriotsrule417@yahoo.com)

This year, by most accounts, was definitely an e-skip season that wasn't. This was a skip season that featured 2 great openings on back-to-back days but failed to show much for the rest of the year. There really is not a lot to summarize, but here are some of the vital statistics of this- the 2002 eskip season.

I used all of the VUD eskip reports for this report as well as logs that members sent thru email. I realize that it is not complete but I tried as much as possible to make it complete.



That is a graph of all of the FM skip loggings, by all DXers, during this eskip season. As you can see, June 13<sup>th</sup> and June 14<sup>th</sup> were huge openings, with a few other more minor openings. The openings on June 13<sup>th</sup> and 14<sup>th</sup> had MUFs of over 107.9 for over 4 hours and skip blanketed the United States those days.

Kansas was the most logged state by all DXers, by far, with over 200 logs made. Minnesota, Missouri, Iowa, and Florida rounded out the top 5 states that were logged.

This e-skip season was dismal for all DXers. I it was very frustrating for many. These DXers were the top in logs this year (from VUD reports and reports members sent to me):

Saul Chernos- Toronto, ON	260
Mike Bugaj- Enfield, CT	157
Matt Sittel- Bellevue, NE	113
Adam Rivers- Chicopee, MA	101

(Continues on page 15 )

### WESTERN TV DX CONTINUED FROM PAGE 17

Jeff Kadet's report continues...

0355 K30Fzt 30 MN Willmar with WOI-5 ID slide in big call letter, suspect they were picking up WOI instead pf KSTP!  
 WFTC 29 mentioning that UPN will start on Sept. 8. No mention of any call letter change. All the Twin Cities DTVs were in except for ch. 16 (of course). Finally got KSTC -DT 44 to decode. Many other MN xlters were in, but nothing new.  
 26 tr 0135 W36AO 68- IL Palatine TBN September 2002  
 ?? tr WMVS-DT 8 WI Milwaukee text ID; I was talking to Frank on the phone at the time (evening) and forgot to write down the date.  
 <ed. Look at your phone bill!?!>  
 25 tr 1044 All the Milwaukee U's are way up and rare WGKU-45 (443 mi) is in color.  
 26 tr 0133 London 40 and 69 now in.  
 October 2002  
 8 tr 0021 KSHV 45 in color  
 0140 KTBS-DT 28 LA new state 575 Pgm 1 (KTBS HDTV) KTBS-3 programming Prm 2(KTBS DTV) animated weather map UniDs to the SSW, probably AR, MO, LA, and maybe TX

0100 ch 57 (off freq.755), Sp., pibly xltr  
 0147 ch 42+ Married with Children  
 0342 ch 54- "Fox 54" Jerry Springer  
 2310 WMAW 14 MS Meridian 581 in color  
 9 tr 0105 WPSD-DT 32 KY Paducah 256  
 0114 WKGB-DT 48 KY Bowling Green  
 misc. KET text lds 319  
 10 tr 0025 WGB0-DT53 IL Joliet 188  
 0505 WXFT-DT 59 Aurora 188  
 19 F2 1617 Australia vid. Carrier 46.172 S9  
 29 Es 0907 WESH 2  
 WEDU 3  
 November 2002  
 3 F2 0903 Probable F2 on channel 2  
 Carib.  
 4 Es 0911 WCBS 2  
 1127 WETV 2  
 KYW 3 kind of rare  
 7 tr 0635 KDIN-DT 50 179  
 9 tr 0540 KAAL-DT 33 254  
 0545 WLSI-DT 34 no text ID 219  
 DTV total @89

# Eastern TV-DX

Matthew C. Sittel  
15013 Eureux St.  
Bellevue, NE 68123  
mcsittel@cox.net

December, 2002

January, 2003 column deadline: Dec. 12

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. Overseas reports welcome!

## Doug Smith, W9WI, Pleasant View, TN

http://www.w9wi.com

w9wi@w9wi.com

### 10/6 Es

2042 WESH-2 FL Daytona Beach 614  
NBC & calls under local WKRN  
2046 WEDU-3 FL Tampa, call ID 655  
10/9 tr  
0029 WGEM10 IL Quincy 336  
local event, promo for Fox football on  
"CGEM" cable 18, ad for WGEM-DT  
20/55 IL Springfield 268  
WXIN-59 IN Indianapolis 230  
WIPX-63 IN Bloomington 213

### 10/30 GW

0900 WSMV-DT-10 TN Nashville 21  
<WSMV digital>  
0900 WZTV-DT-15 TN Nashville 19  
<FOX17 digital TV>  
0900 WNABDT-23 TN Nashville 19  
<WNAB digital TV>  
0900 WHTNDT-38 TN Murfreesboro 42  
11/1 GW  
???? WUXPDT-21 TN Nashville 19  
11/7 tr  
0850 WSILDT-34 IL Harrisburg 130  
blank text ID

Such fun-four new DTVs popping up almost simultaneously...

## Jesús Perez, Havana, CUBA

**\*\* NEW REPORTER! \*\***

It pleases me to let you know that Oct. 22 I had good TV DXing:

WLRN-17 FL Miami, PBS	WHFT-45 FL Miami, TBN
WBFS-33 FL Miami, UPN	WSCV-51 FL Fort Lauderdale
WPXM-35 FL Miami, PAX	Telemundo
WBZL-39 FL Miami, WB	WAMI-69 FL Hollywood, Telefutera

## John Zeis, Exton, PA 19341

Equipment: Sony 36XBR450TV, Sony SAT HD-100 DTV Tuner, attic antennas – Radio Shack 3 element "V", Channel Master 4225 4-bay bowtie screen, Channel Master 264 amplifier, Channel Master rotator.

### 6/18 tr

0745 WUSADT-34 DC Washington  
WTTGDT-36 DC Washington  
WJLADT-39 DC Washington <1>

### 6/20 tr

0800 WPXWDT-43 VA Manassas  
WRAY-30 NC Wilson

### 6/21 tr

0700 WRAY-30 NC Wilson  
Tidewater VA 15/27/33/43/49 <2>  
WCVE-23 VA Richmond, o/WNJS  
WRLH-35 VA Richmond, o/WYBE  
WCWV-57t VA Richmond, CCI  
u/WPSG  
WUPV-65 VA Ashland, o/WUVP  
0715 WBODT-21 MD Salisbury

### 0730 WNV-56 VA Fairfax

7/1 tr  
0800 WVIT-30 CT New Britain  
WTXX-20 CT Waterbury  
WMBC-63 NJ Newton  
WWSI-62 NJ Atlantic City, o/WLVT  
2230 WTXX-20 CT Waterbury  
WTVZ-33 VA Norfolk

### 7/8 tr

0800 WFPT-62 MD Frederick  
2315 WETA-26 DC Washington, o/KYW3  
WETA-27 DC Washington  
WDCA-20 DC Washington  
WHUT-32 DC Washington  
WUSADT-34 DC Washington

WTTGDT-36 DC Washington  
2330 WNV-56 VA Goldvein  
WNV-56 VA Fairfax  
WPXW-66 VA Manassas

### 7/21 tr

2245 Connecticut  
8/18/20/24/30/53/59  
also CCI u/local 3,6,10,12,61,65  
WSBE-36 RI Providence  
WSBK-38 MA Boston  
2300 WFUB-66 MA Marlborough  
WEDW-49 CT Bridgeport

### 7/22 tr

0743 8/49/53 CT  
0745 WTBY-54 NY Poughkeepsie  
WFME-66 NJ West Milford  
WWDP-46t MA Norwell, ACN

### 8/4 tr

0800 WRAY-30 NC Wilson

### 8/5 tr

0750 WAVY-DT-31 VA Portsmouth  
WGNT-DT-50 VA Portsmouth  
WHRO-DT-16 VA Hampton  
0800 WGMT-27 VA Portsmouth  
0800 WTVZ-33 VA Norfolk

### 8/12 tr

0800 WCVE-23 VA Richmond,  
o/WNJS

27/33/49 VA Norfolk area

### 8/18 tr

0755 18/20/59 CT

### 9/4 tr

1530 WWACDT-44 NJ Atlantic City  
9/10 tr  
2200 WNV-56 VA Goldvein  
2215 Connecticut 8/18/20/24/43/49/53  
2230 WTBY-54 NY Poughkeepsie  
2235 WMBC-63 NJ Newton, o/WPHA-LP  
WFME-66 NJ West Milford  
2238 Northern VA 14/53/56/66  
Wash. DC 4/5/7/9/20/26/32/50  
Wash. DC DTs 27/34/36  
2242 WPXWDT-43 VA Manassas  
2255 WRLH-35 VA Richmond,  
o/WYBE  
WCVE-23 VA Richmond,  
o/WNJS  
WUPV-65 VA Ashland, o/WUVP

### 9/19 tr

0930 Connecticut 8/18/20/24/49/59  
NYC area 31/41/47/68  
WTBY-54 NY Poughkeepsie  
0945 WVIADT-41 PA Scranton

### 9/20 tr

2300 NYC area  
2/4/5/7/9/31/41/47/68  
WNYWDT-44 NY New York  
WCBSDT-56 NY New York  
WLIW-21 NY Garden City  
2320 Connecticut 8/20/49/59

### 11/2 GW

1500 WPHLDT-54 PA Philadelphia <4>  
WPSQDT-32 PA Philadelphia <4>

Notes:

1. No lock – WLVTV CCI
2. Also CCI from WAVY on local 10
3. First DX over local (Philadelphia) DT
4. First day of operation-two more DX channels gone

That's all for this month. I hope you and yours have a happy and safe holiday season! 73s  
Matt.

## THE SEASON THAT WASN'T CONTINUES FROM PAGE 13.

John Ebeling- Bloomington, MN	100
Doug Smith- Pleasant View, TN	91
Michael Temme- Soifer, Egg Harbor, NJ	84
Jim Thomas- Milliken, CO	78
Keith McGinnis- Winthrop, MA	77
Fred Laun- Temple Hills, MD	44
Bill Nollman- Farmington, CT	40
Kevin Redding- Phoenix, AZ	30
Rick Shaftan- Sparta, NJ	17
Morris Sorensen- Winnipeg, MB	13
Jacob Norlund- Duluth, MN	13
Fred Nordquist- Clay, NY	12
Joe Kureth- Uniontown, MD	10
Bill Hepburn- Toronto, ON	5
Jerry Rappel- Davenport, IA	4

This skip season was certainly dismal- but all we can hope for is a better season next year. Happy Holidays- and let's hope Santa brings us some winter e-skip!

# WESTERN TV DX

**VICTOR FRANK**  
**12450 SKYLINE BLVD.**  
**WOODSIDE, CA 94062-4554**  
**frank@horizon.sri.com**



**Dennis Park Smith**, 3605 San Remo Drive,  
 Santa Barbara, CA 93105-2523 (805)687-  
 7803

This report is for October 2002. Summer-like weather and tropo DX along the southern California coast to San Diego/Tijuana on TV-FM (200mi/320km) came back soon after the Sept 27 winter-type weather pattern, with the hot inland temperatures and inversions.

Sep 28-Oct 1: None  
 Oct 2 am: Poor  
 Oct 2 eve -8: Variably fair  
 Oct 9 am: Poor  
 Oct 9 eve: Very good, briefly  
 Oct 9 nite-15: Poor  
 Oct 16: Very poor  
 Oct 17-31: None (some rain Oct 25 am)

In mid-month, conditions changed quickly, resulting in some interesting tropo DX for a while. The layer boundary is typically anywhere from a few hundred feet up to 1500 feet, but on Oct. 9, the boundary started going up, 3000, 4000, and eventually rising over a period of a few days to around 5000 feet elevation. On Oct. 9 for approx. An hour around 1830 PDT, signals were very good. KCET-18 translator K55AP West Santa Barbara/Goleta at its 4000+ foot elevation was also transmitting a phantom signal on ch. 54, picture and sound, from XHJK-27 Tijuana (apx 215 mi). On early Oct. 11, with KCET-28 off, K55AP had phantom signal on ch. 56 from KSDX-LP 29 San Diego (apx 190 mi), A-C-N shopping, B&W picure signal only. The high marine layer continued to exist, but was too high to produce any tropo DX after Oct. 16. Inland temps were gradually cooling, and by late October, there was no more inland heat to give the layering any ducting character, so no more tropo. Rain on Oct. 25 signaled the start of the real winter-season weather.

Best of DX to All. Dennis

**William Eckberg**, 1032 Sterling Rd., Dixon, IL 61021

October 2002 CDT			
6 tr	0320	WIAT	42 AL 582
	0330	WCFT	33 AL 593
	0345	WZDX	54 AL 503
	0355	WJSU	40 AL 585
	0400	WUXP	30 TN 408
		WFIQ	36 AL 48
	0405	WABM	68 AL 582
	0425	WHNT	19 AL 503
	0430	WAAY	31 AL
	5030455	WAFF	48AL 503

0500	WPXA	14 GA	562	
0505	WPXK	54 TN	451	
0515	WUNF	33NC	558	
0530	WJKT	16TN	419	
0600	WATL	36GA	610	
	WVEU	69GA	610	
	WGCL	46 GA	a610	
0605	WTBS	17 GA	610	
0725	WTCI	45 TN	512	
Es	1725	WESH	2 FL	983
	1745	WFOR	4 FL	1229
	1750	WKMG	6 FL	1020
	1755	WPBT	2 FL	1229
	2000	WJXT	4 FL	895
	2005	WEDU	3 FL	1031
	2040	WPTV	5 FL	1168
7 Es	2140	XEFB	2 NL	1282
8 tr	0320	WCFT	33 AL	593
	0400	KARD	14 LA	651
Es	2020	WOAI	4 TX	992
	2030	XEFB	2 NL	1282
	2035	XHDI?	4	
	2100	KPRC	2 TX	893
	2105	KILL	3 TX	1072
	2130	KBEJ	2 TX	972
tr	2340	WUXP	30 TN	408

The first major fall tropo occurred the early AM of October 6. No local enhancement and a Sunday morning contributed to ideal conditions. Reception stretched from NC to AL and across TN. Four Atlanta stations were nearly snowfree at 0600 at 610 miles. The eastern half of the US was sandwiched between a stationary front running from eastern VA through south GA and central LA and a cold front stretching from Minneapolis to the TX panhandle. Northern IL had the coldest night of the fall season so far. By evening, reception had stretched to Jacksonville and south FL via Es. This date was the best day of the year with 26 stations seen over 400 miles. Amazingly, it was October. More Es was seen the next two nights. Also more tropo on October 8.

The old WOAI-4 San Antonio call is back. A station with a possible XHDI in the sync bar, an offset of plus, and a small 2 in a circle will have to wait until a picture is developed to ID. Reception was on October 8 and on ch. 4.

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

September 2002 CT			
5 Es	2004	unids	3-5 SS
10 tr	2246	WFSU	11 FL 405
	2300	WTWC	40 FL 405
	2328	WDFX	34 AL rare 330
	2335	WFXL	31 GA 415
	2338	WABW	14 GA 420

12 tr	1000	KXAN	36 TX	395
		KEYE	42 TX	395
	1005	KEDT	16 TX	425
15 tr	0905	KXAN	36 TX	395
		KEYE	42 TX	395
	1000	KNVA	54 TX	395

October 2002					
4 tr	0653	KEYE	42 TX	395	
		KXAN	36 TX	395	
6 Es	2030	unid	5	CBC	
	2042	CIII	6 ON	1230	
	2048	WSKY	4 NC	970	
	2054	WRC	4 DC	985	
		WTTG	5 DC	985	
8 tr	0651	KATV	7 AR	305	
	0657	KTHV	11 AR	305	
	0700	KLRT	16 AR	305	
Es	2010	KCNct	4 CO		
	2017	KSNbt	4 NE		
	2022	KOTAt	3 SD		
		KIVvt	5 SD		
12 tr	2303	XHAB	7 TA	505	
	2306	KVEO	23 TX	500	
13 tr	0042	unid	12	SS	
16 tr	0650	WJSU	40 AL	385	
	0653	WTJP	60 AL	390	
	2253	XHAB	7 TA	505	
	2255	KEDT	16 TX	425	
	2313	KVEO	23 TX	500	
18 tr	2311	WTJP	60 AL	390	

A dismal start to the fall tropo season so far.

**Jeff Kadet**, K1MOD Box 20, Macomb, IL 61455  
 DTV pix at <http://www.oldtvguides.com/DXPhotos/>

July 2002 CDT			
14 tr	0845	WREX-DT	54 150
Bug in upper right corner says "WREX-DT 13			
Es		WPBT	2
tr	0907	WHA-DT	20 194
(WHA Digital Television 1)			
Es	0900	KBEJ	2
		WESH	2
		XEFE	2 tp
	1200	KBTX	3
		XEFB	2
		XHPN	3 TELEVISA-3
	2030	CKCK	2
15 Es	1000	WPBT	2
		WESH	2
	1155	KWGN	2
tr	1930	WEAU-DT	39 305
		Program 1 (WEAU Digital)	
16 tr	0000	KQDS	21
	0030	KDLHt	3+ constant echo
against WISC-3		pointed north	
	0300	KBJR	6
	0330	unid	32 MN CB TP neg
cw id xtr			
Es	1000	S. FL	2-6
	1200	XE	
		WDIQ	
		XHMEM	4
	1300	XHY	2
		WWL	4
	1325	WBRZ	2
		XEFBt	2
		KBEJ	2
	1400	KPRC	2

17 Es	A.M.	WESH	2	
		WGBH	2	
		FFC	2	
	EVE	KXMA	2	
		KTWO	2	
		GLOBAL	2	
		CKCK	2	
		CBC	4	
18 Es	EVE	Prairie Provinces	2-4	
19 Es	0920	WPBT	2	
	1801	KPRC	2	
	2242	XEs	2	
		KBEJ	2	
		KASA	2	
		XE "2" lower right all the time		
		KWGN	2	
20 Es	1530	WUND	2	
		WUNC	4	
23 Es	1003	XE a few Mexicans popped in on ch 2. Perhaps three in there.		
26 tr	0900	unid	65 HSN to west offset below minus. .7310.	
		unid	64 Shopping to west	
		unid	49z 3ABN to west	
		1014	K46FG 46 NE PBS 264	
			zero beat to St. Louis	
30 tr	0451	Darlington	69 WI & Madisons are blasting in.	
	0551	KSTS-DT	44 Program 1 338	
		WBQD-LP-26, Davenport,	was noted with programming yesterday. They were running America 1 Television with the Lone Ranger. Both Tonto and the Lone Ranger sounded as if the filter on the ICOM R7100 was in FM narrow. Pretty pathetic after all those months of them testing! Their frequent ids with call letters show the UPN logo, but do not mention America 1 TV.	
			August 2002	
1 tr	0440	KYPX	49	
	0505	K41OI	41 z to Peoria TBN	
	0525	unid	22z worshp	
	0540	WIRE-DT	41 1 NBC 26 311	
	0545	W22CI	22 WI Bloomington ex ch. 49	
	0600	WBAY-DT	23 Pgm 1 311	
			I never expected to get this. Same direction as WIFR.	
	0800	WLJT	11 off frequency,	
			putting 15-20 bars on KPLR	
	0850	KETC-DT	39 125	
			Pgm 1 = 9, 2=HEC, 3=KCPT	
	Es	1731	WLBZ 2 ME	
			CFAP 2 QC	
2 tr	2205	Big tropo opening to the north now. KQDS21 Duluth is in well. Also WEAU-DT-39 again, Es still going strong w/a Mexican there now.		
3 tr		SD VHF & UHF in well, KBJR-6 was in pretty well, but not a trace of KDLH-3. It's amazing that prop a few channels lower would make such a difference. I assume that's the reason.		
	0000	K30FZ	30z MN Willmar 393	
		// KSAX-42		
		K54AT	54 MN Brainerd 441	
		KAWB	22 MN Brainerd in well.	
			Late s/off and early s/on. Not sure what the point is for them to shut down their xmtr for such a short period of time.	
		0041	W57AR 57 WI Sayner 388	
			rare now with WHPN-57 on.	
		0230	K60DS 56- MN Rochester 233	
			TBN ex. Ch 60	

(Western TV DX continues on page 12)



# SOUTHERN FM DX

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

John Zondlo  
4009 Driftwood Circle  
Yukon, OK 73099  
sfm@fmdxweb.com  
Deadline: 15th

December 2002

## Doug Smith — w9wi

1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
w9wi@w9wi.com -  
[www.w9wi.com](http://www.w9wi.com) - CDT

10/7 Tr  
2310 KOLL 94.9 AR Maumelle 318  
10/9 Tr  
0044 WHKO 99.1 OH Dayton 277  
0047 WMC1 101.3 IL Neoga 226  
0049 WTYE 101.7 IL Robinson, Sports Byline 183



## Gus Mancuso —

5706 Greenleaf Road — Hyattsville,  
MD 20785

I DXed from Jeffersonstown KY 7/22-25. 120 stations were logged, with state totals being 65 from Kentucky, 42 from Indiana, 9 from Ohio, 2 from Tennessee and 2 from Illinois. Best frequency was 97.9 with 3 stations. I stayed in a private home, so I was not able to use "building screening" (moving from one side of a motel to the other to attenuate locals). I returned in September, staying on the southeast side of a Holiday Inn, and picked up 3 new Kentucky stations, WSGS Hazard 101.1, WVLE Scottsville 99.3 and WAKY Springfield 102.7. I should be returning here in the spring.

August 24-27 I was able to DX from the Holiday Inn in Meadville PA using a modified Radio Shack DX-440. Logged 109 stations, including 59 from PA, 44 from OH, 2 from WV, 1 from NY, and 3 from ON. BTW, 12 of the stations were logged on a 1997 Saturn car radio only.

The Meadville event was undoubtedly the most disappointing scan I have ever done! This spot looks excellent on paper, with not too

many locals clogging the dial and with big cities like Cleveland, Pittsburgh, Buffalo, Detroit and Toronto 100-200 miles away. Summer "broke" a few days before arrival. There didn't seem to be any morning enhancement off Lake Erie. I was also bothered by unexplained imaging of an Ohio stations 25 miles away.

I'm looking at Hillsboro, in southeast Ohio, and South Boston VA for next summer. The latter is 40 miles west of South Hill, where I did my personal best scan of 211 in 1988.



## From the Editor

The Leonids meteor shower was a big disappointment here, both from a DX and a viewing standpoint. It appears it was that way for many others, except Girard Westerberg and Saul Chernos, who really cashed in. Oh, well...lots of other showers to DX!

Hope you have a great Christmas and a DX-filled new Year!



John 3:16 "For God so loved the world that he gave his one and only Son, that whoever believes in him shall not perish but have eternal life."

*Merry Christmas from the Zondlo family  
John, Carol, Christy & Joel*

# PHOTO-NEWS

December 2002

Jeff Kruszka, Editor  
5024 S. Braxton Ave.  
Baton Rouge, LA 70817  
jkruszka@bellsouth.net

Happy Holidays! Here's three photos from Matt Sittel, of Bellevue, NE.

Equipment:

Winegard PR-9032 UHF antenna @ 35', with Winegard AP-4700 UHF preamp. Winegard PR-5030 VHF antenna @ 32', with MFC traps for local chs. 3, 6, 7, and 26. Snappy 3.0 for video captures.



KLJB-18 Davenport, IA  
289 mi Tr seen 5/31/02  
@0726 CDT



WSJV-28 Elkhart, IN  
506 mi Tr seen 5/31/02  
@0722 CDT



WYIN-56 Gary, IN  
444 mi Tr seen 5/31/02  
@0730 CDT

And now for a couple from Doug Smith, of Pleasant View, TN:

WXIN-59 Indianapolis, IN  
245 mi Tr seen 9/6/02  
@0730 CT





WRTV-DT-25 Indianapolis, IN  
246 mi Tr seen 9/6/02  
@0834 CT  
"my DTV distance record"

Finally, here's the start of some photos from Girard Westerberg, of Lexington, KY. All of these photos can be seen on Girard's awesome website, [www.dxfm.com](http://www.dxfm.com). Make sure you drop by occasionally during big openings to observe what he's Dxing in real time on his live TV DX cam!

Equipment:  
VHF: Delhi (Jerrold) VIP-307SR antenna. UHF: Channel Master 4228 antenna. CM 7777 UHF/VHF preamp. Traps on chs. 18, 27, and 36. Sony KV-9PT50 TV. Hauppauge WinTV computer card for video captures.



KWGN-2 Denver, CO  
1121 mi Es seen 8/31/02  
@2100 EDT



WEEK-25 Peoria, IL  
327 mi Tr seen 9/5/02  
@0700 EDT



WOOD-8 Grand Rapids, MI  
339 mi Tr seen 9/5/02  
@0756 EDT



KTVE-10 El Dora do, AR  
552 mi Tr seen 10/8/02  
"Region 10"



# SATELLITE NEWS

George W. Jensen  
4604 Antanna Ave., Baltimore, MD 21206-4220  
SCISATMAN@AOL.COM

Welcome again to Satellites along with my best wishes for a most happy New Year 2003 and a Merry Christmas. This month we begin to look at the Trans-Atlantic Satellites that have some exposure towards the United States - mostly the East Coast. This month the target is PanAmSat 9 at 58 West. This is both a C and KuBand bird with 24 transponders of each. The format is Odds - Vertical and Evens - Horizontal polarity. It was launched in 2000 and has a 12 - 15 year life. All services on the KuBand are encrypted and with few exceptions are a Mexican DBS system called Sky Mexico. As to the C-Band - all signals are in some form of digital format with most encrypted in some MPEG2 format. In recent months there has been a great deal of activity with the 4DTV - Digicipher system and it is in a great state of flux. What follows is what is there..

1 - DIGITAL DIGICIPHER 2 - DIGITAL DIGICIPHER 3 - MPEG2 ENCRYPTED 4 - MPEG2 ENCRYPTED 5 - MPEG2 ENCRYPTED 6 - MPEG2 - 3800H/27690 - ZEE TV AFRICA - IN PAL COLOR AND SEVERAL COLOR BARS 7 - MPEG2 - 3840V/27690 - SEVERAL TEST AND COLOR BARS 8 - MPEG2 - 3840H/27690 - VARIOUS COLOR BARS AND TEST PATTERNS SEVERAL EWTN FEEDS CUBA VISION INTERNATIONAL AND EWTN RADIO SERVICES 9 - MPEG2 ENCRYPTED 10 - MPEG2 - 3880H/27690 - CCTV 4, 9 AND CCTV FEEDS - FROM PEKING, CHINA, THAI TV GLOBAL NETWORK IN PAL FORMAT, ARIRANG TV WORLD 2 AND OTHER OCCASIONAL FEEDS 11 - MPEG2 - 3915V/5632 - APTN WASHINGTON, D.C. ALSO WITH VARIATION 3924V/6620 - ENLACE TBN, ENLACE JUVENIL, 3 ANGELS, 3ABN RADIO, SENDAS RADIO AND ENLACE RADIO 12 - DIGITAL DIGICIPHER 13DIGITAL DIGICIPHER 14 - DIGITAL DIGICIPHER 15 - DIGITAL DIGICIPHER 16 - MPEG2 4000H/27690 - SEVERAL COLOR BARS AND TEST PATTERNS, DEUTSCHE WELLE, RTP INTERNATIONAL LISBON, PORTUGAL, DEUTSCHE WELLE RADIO 1, 2 AND 7, RTP ANTENNA 1 - LISBON 17 - DIGITAL DIGICIPHER 18 - MPEG2 4040H/26470 - NHK WORLD TV ALSO IN

PAL COLOR TOKYO, JAPAN AND A NEW SERVICE REPLACING CHANNAL J 19 - MPEG2 FEEDS 20- MPEG2 ENCRYPTED FEEDS 21 - MPEG2 4120V/27500 - ART LATINO, RAI INTERNATIONAL, ROME, ITALY, RAI RADIO, ART MUSIC RADIO, ART AL-THEKR RADIO, REST OF TRANSPONDER IS ENCRYPTED 22 - MPEG2 ENCRYPTED 23 - MPEG2 4173V/2315 - WAS CLARAVISION IS NOW CALLED MARIAVISION 24 MPEG2 FEEDS.

### NOW TO THE EVER CHANGING WORLD OF THE 4DTV CHANNELS--

300 - 311 - pay-per-view - now gone 311 - color bars 313, 350 to 361 gone 387 - pay-per-view channel in Spanish, 388 - gone, 450 - 463 and 700 - 711 now gone 712 - mega radio 107.3 Caracas, Venezuela 713 - Radio Noticias Caracas, 714 - Radio Exitos Caracas and 715 - Union Radio Caracas are all still on. 739 and 742 are color bars 743 through 828 is now gone. The following DMX services remain with no ID, so it's my guess as to the format of these. 822 - Big Bands, 823 - US Great Singers, 824 - Rock, 825 - Brazilian Portuguese Jazz Ballads, 826 - Portuguese Ballads, 827 - Sounds of Nature, 828 - World Music, 829 to 835 - gone, 836 - 1970's, 837 - Hispanic Pop, 838 - LA Ballads and Rock, 839 - Music of the 90's, 840 - Rock, 841 - Reggae, 842 - US Pop.

There has been a drop here of approximately 125 4DTV channels. These may be available using a generic positioner, but I just am not sure. Any one who can help in this matter would be appreciated. That's all for now - Try to get some good DX in this off season. See you in 30. George.

# FM NEWS

SEPTEMBER 2002

Steven C. Wiseblood  
28 LBJ Blvd.  
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stevenwisebl@hotmail.com



## ABBREVIATIONS:

AFA: American Family Association  
CC: **call letter change**: satellite programming  
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:

Repton: WFNU 101.1 FC to Standards,  
SC to **"Fun 101.1"**

### ALASKA:

Deadhorse: KCDS 88.1 NW

### ARIZONA:

Duncan: KSAF 100.7 NW

### ARKANSAS:

Danville: KYEL 105.5 NW; Modern country,  
"Thunder Country."

### CALIFORNIA:

California City: KCEL 106.9, FC to oldies  
San Diego: KBZT 94.9 FC to modern rock,  
SC to **"FM 94.9"**

### COLORADO:

Avon: KZYR 97.7, FC to adult alternative,  
SC to **"The Zephyr"** (Vail)  
Wellington: KKQZ 94.3, NW, classic rock,  
**"Z-94.3"** (Fort Collins)

### CONNECTICUT:

Pawcatuck: WHJM 107.7 CC (ex WKCD),  
FC to urban/hip-hop, SC **"Jammin' 107.7"** (New London)

### FLORIDA:

Cross City: WWLC 88.5 NW (Gainesville)  
Flagler Beach: WFBO-LP 93.3 NW, oldies

### IDAHO:

Buhl: KTFY 88.1 NW  
Kuna: KARJ 88.3 NW

### ILLINOIS:

Morris: WBEQ 90.7 NW  
Princeton: WPRC 88.3 NW  
Spring Valley: WSOQ 88.1 NW, religion.  
White Hall: WRLJ 88.3, NW, contemporary Christian,  
//WLWJ 88.1 Springfield

### INDIANA:

Cloverdale: WSPM 89.1 NW, **Radio Mozart"**  
Fort Wayne: WYLT 103.9, CC (ex WXKE),  
FC to soft AC, SC to **"Soft Rock 103.9"**  
Huntington: WXKE 102.9, CC (ex WYLT),  
modern rock, //WXTW 102.3 Auburn/Fort Wayne  
Terre Haute: WISU 89.7, FC to modern rock,  
SC to **"Real Good Radio"**

### IOWA:

Okoboji: KOJI 90.7, NW, classical & news,  
//KWIT (Sioux City)  
Wapello: KLDI 88.9 NW

### KANSAS:

Galena: KCAR 104.3 FC to oldies s,  
SC to **"Cool 104"** (Joplin, MO)  
Lindsborg: KQNS 95.5, FC to soft rock,  
SC to **"Lite Rock 95.5"**  
Pratt: KDGB 93.1 FC to soft AC (Wichita)

### KENTUCKY:

Glasgow: WSGP 88.3 NW, southern gospel  
Owensboro: WJVK 91.7 NW

### LOUISIANA:

Lacombe: WXXF 94.7 FC to religion/black gospel,  
SC **"Praise 94.9"**  
Reserve: WXXM 94.9 FC to religion/black gospel  
SC **"Praise 94.9"**, (New Orleans)

### MICHIGAN:

Pinconning: WSAG 104.1 NW, oldies

### MISSOURI:

Bismarck: KHCR 99.5 NW  
Chillicothe: KCHI 98.5 QC ( ex 103.9)  
Lee's Summit: KCSX 97.3, XG (ex Moberly)  
Malta Bend: KRLL 103.9 QG (ex 97.5)  
Potosi: KHZR 97.7 CC (ex KHCR)  
Warsaw: KAYQ 97.1 QC (ex 97.7)

### NEBRASKA:

Scottsbluff: KLJV 88.3 NW

### NEVADA:

Laughlin: KVGS 107.9, FC to urban AC,  
SC to **"V-108"**, (Las Vegas),  
Las Vegas: KNPR 89.7 QC (ex 89.5)  
Las Vegas: KCNV 88.9, NW, **"NPR"**

### NEW MEXICO:

Albuquerque: KJFA 101.3 CC (ex KKRG),  
FC to Mexican Regional, SC **"La Jefa"**  
Albuquerque: KAJZ 105.1 CC (ex KRQS),  
FC to smooth jazz  
Cloudcroft: KNMB 96.7 NW, modern country (Ruidoso)  
Grants: KXXQ 100.7 RA., modern rock  
Las Lunas: KIOT 102.5, SC to **"Coyote 102.5"**,  
FC to classic hits  
Rio Rancho: KVVF 101.7, CC (ex KOSZ),  
FC to Spanish hot AC, **"Viva 101.7"**  
Santa Rosa: KIVA 95.9 CC (ex KRSR) ,  
SC to **"The Lion"**

### NEW YORK:

Patterson: WDBY 105.5, FC to hot AC,  
SC to **"Y-105.5"** (Poughkeepsie)  
Watertown: WWJS 90.1 RA, religion

### NORTH DAKOTA:

Hope: KDAM 104.7 NW, modern rock ,  
**"New Rock 104-7, the Dam"** (Fargo)

### OKLAHOMA:

Ardmore: KQPM 91.1 NW, religion  
Idabel: KXRT 90.9 NW, religion  
Kingfisher: WWLS 105.3, CC (ex KLGH) (Oklahoma  
City)

### OREGON:

Brookings: KMWR 90.7, religion  
Klamath Falls: KLMF 88.5 NW, classical,  
**"Jefferson Public Radio"**

### PENNSYLVANIA:

Olyphant: WEOZ 95.7 FC to top-40,  
//WBHT 97.1 Mountain Top

### RHODE ISLAND:

Middletown: WKKB 100.3 CC (ex WZRI), FC to rock,  
SC to **"100.3-KKB"**.

### TENNESSEE:

Selmer: WSIB 93.9, SC to **"B-93.9"**  
Spencer: WZYZ 90.1 NW, contemporary Christian



### TEXAS:

Abilene: KAGT 90.5 NW, gospel, **"Gospel 90.5"**.  
Burnet: KBey 92.5, CC (ex KBLK) .  
Farmersville: KXEZ 92.1, FC to oldies (Dallas)  
Houston: KHJZ 95.7, FC to smooth jazz,  
SC to **"The Wave"**  
Kerrville: KHKV 91.1 FC to Spanish religion .  
Mason: KBLK 102.5, CC (ex KBey)  
Plainview: KHDY 97.3, CC (ex KLZK), **"Stars 97.3"**



### VIRGINIA:

Nassawadox: WJCN 91.5 NW

### WASHINGTON:

Mount Vernon: KSVR 90.1,  
SC to **"Northwest Public Radio"**

### WEST VIRGINIA:

Salem: WOBG 105.7, FC to classic rock,  
SC to **"Big Rock 105.7"** (Clarksburg)

### WISCONSIN:

Berlin: WBJZ 104.7 FC to country, SC to **"B-104.7"**  
Kiel: WSTM 91.3 NW  
Sun Prairie: WMAD 92.1, FC to modern AC,  
SC to **"Mix 92.1"** (Madison)

### WYOMING:

Gillette: KXXL 103.9 NW

### PUERTO RICO:

Bayamon: WODA 94.7 CC (ex WCOM),  
SC to **"Cosmos-94"**  
Mayaguez: WNOD 94.1 (ex-WOYE, WPRU)



## CANADA

### BRITISH COLUMBIA:

Victoria: 88.9, CBC granted new Chaine Culturelle

**73's de su amigo, Steve/AB5GP**

## WTFDA Member Database

This list is the current WTFDA membership as of 11/17/2002

Although we try to keep email addresses current, mistakes do happen. Please update us with your email address if it is incorrect. Note: (A) denotes associate membership.

Luke	Steele	Mountain Grove	MO	11/30/2002	eathradio@getgoin.net	David S.	Cox	Birmingham	AL	3/31/2003	davidsc@prodigy.net
Eric S.	Bueneman	Hazelwood	MO	11/30/2002	n0uiheric@aol.com	Frank E.	Drobny	Valencia	CA	3/31/2003	
John	Jefferson	Auburn	WA	11/30/2002	jjjj@connectexpress.com>	Aaron	Mitterling	Warsaw	IN	3/31/2003	mitterling@email.com
Ted S.	Liszewski	Paramus	NJ	11/30/2002		Thomas	Leu	Westlake	OH	3/31/2003	
Dave	Pomeroy	Topeka	KS	11/30/2002	weberbosco@earthlink.net	Peter V.	Taylor	Tacoma	WA	3/31/2003	taytac@worldnet.att.net
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## THE IRCA MEXICAN LOG 8<sup>TH</sup> EDITION (WINTER 2002)

The IRCA Mexican Log lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have change frequency since 2001 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2 x 11 inches and three hole punched for easy binding. **Price \$9.50 for WTFDA members. Please write WTFDA member on your check!** Make all checks payable to **Phil Bytheway**. Order from:

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## WHAT DOES YOUR LOG LOOK LIKE?

	A	B	C	D	E	F	G	H
	FREQ	CALL	LOCATION	STATE	FORMAT	DATE	TIME	
3	97.1	W246AA	Allentown	PA	CLA	000310	1530	WRTI, classical mx, ID
4	97.1	W246AQ	Collingswood	NJ	REL	000310	1535	rel WJHL-89.1, ID
5	99.9	W2BZ	Pleasantville	NJ	ROK	000407	1725	local appearance promo, ID
6	97.9	W4BE	Hazleton	PA	ROK	000531	1330	Rock, local ads, "Northeast PA's Rock Stadi
7	101.7	WFBG	Ocean View	DE	SOL	000602	1630	W SOL, "Kiss" and Ids/ 98.5 WBBG
8	98.5	WGBG	Seaford	DE	SOL	000602	1632	W SOL # 101.7
9	94.9	W4LL	Frankfort	NY	CRK	000613	1310	CRK, "94.9-K-Rock"
10	93.1	W6NJ	Wildwood Crest	NJ	SOL	000613	1400	SOL, MI # ID w WTTN-96.1, "The Touch"
11	94.9	WPTA	Virginia Beach	VA	ROK	000616	1620	ad for Greenbrier KIA and Lynnhaven KIA
12	91.7	W4BS	Bristol	PA	VRS	000624	1125	OLD #WRCV-89.3
13	91.7	W4ML	Key Largo	FL		000624	1225	Fund drive anncts w phone and website; "C
14	88.7	W6YX	Stroudsburg	PA	REL	000626	1350	REL # WBYO-88.9
15	94.9	WZTA	Miami	FL	ROK	000626	1520	Promo for "Zetafest", slogan, ID
16	92.7	WZZR	Stuart	FL	TLK	000626	1523	Promo, ID - "Real Talk ZZR"
17	92.3	WCMQ	Miami	FL	SS	000626	1525	SS mx, "La Mega 92" Slogan
18	97.9	WRMF	Palm Beach	FL		000626	1528	ad, ID

This time we have a log submitted by Russ Edmunds of Blue Bell, PA. This is a sample grab of his log imported into Excel. Russ takes it from here:

I use a Lotus 1-2-3 spreadsheet (which could be converted to Excel except that as an Excel file takes up about 2.5 times the disk space). I run several different spreadsheets within the one file as indicated below. Because of this I'd need multiple screen prints to display it.

- A) The logbook – whatever I see fit to enter into my log, so it includes some degree of program details sorted by heard date.
- B) The log of new stations and call changes – I maintain the call changes here for record keeping and reference purposes, but they are noted with an indicator, which permits me to exclude them in sorting for counting totals. Default sort is by heard date.
- C) An abbreviated by location and state-by-frequency listing of the prior, used as a quick reference.
- D) Totals kept by both frequency and by state plus a recent addition of states by frequency.
- E) Distance records (both Es and tropo, each indicated) suitable for translation into the spreadsheet sent to Fred Nordquist for the club master listings.

I've tried to roll up what started out as several separate files into separate worksheets within a single file. My next step will be to set up some additional formulas to "read" data from one panel in to another to avoid duplicate entries when possible, and also some to handle automated totaling where possible. I'm also now planning to import the station coordinates and distances from Gerard Westerberg's spreadsheets into mine. I realize that with not all of my loggings coming from my home – and that I don't have that level of accuracy in the coordinates used for my home base anyway – the distances may be a bit fuzzy, but the vast majority of my Es and tropo have been logged within a radius of less than three miles, so that's close enough.

## TV Tower to Be Built as a Backup in Times Sq.

November 1, 2002 New York Times

By DAISY HERNÁNDEZ

A top Manhattan real estate developer said yesterday that it would start constructing a new 358-foot tower atop one of its buildings in Times Square to serve as a backup for television stations that lost their main antennas in the Sept. 11 attacks.

The Durst Organization said the planned tower, at the Conde Nast Building at 4 Times Square, would serve stations that have been using the antennas on the Empire State Building since the loss of the antennas at the World Trade Center.

"This would be used to satisfy the immediate need," said Douglas Durst, co-president of the real estate firm.

The Metropolitan Television Alliance, a coalition of broadcasting executives, has said that the Empire State Building is not tall enough, and its antennas not strong enough, for it to become a permanent site for them. The coalition has instead been looking to build a 2,000-foot tower in New Jersey to replace the one at the World Trade Center.

The alliance originally hoped to build its 2,000-foot tower on Governors Island. But Mayor Michael R. Bloomberg rejected that idea this spring, saying he wanted the island to become an education center.

Since then, television executives have been considering locations in Bayonne, N.J., and Jersey City. But talks with the two municipalities have yet to result in a deal, said Edward Grebow, president of the alliance.

"Unfortunately, in our business, height matters," Mr. Grebow said.

Four Times Square already has an antenna that serves eight FM radio stations. It was originally intended to serve up to four television stations, but no one had expected that it could compete with the World Trade Center and the Empire State Building, Mr. Durst said. The new tower would serve up to 18 television stations, he said.

"We think that even if they are successful in creating a project they're probably many years off," Jody Durst, co-president of the Durst Organization, said of the plans for a 2,000-foot tower.

The loss of the antennas at the World Trade Center left about a million viewers, mostly in Queens, Brooklyn and the Bronx, with fewer television channels. More than 200,000 people signed up for cable; others purchased satellite dishes.

## WHAT DOES YOUR LOG LOOK LIKE?

Fred Nordquist

Types of Logbooks used over the years (all handwritten entries mostly written with abbreviations) : LOGBOOK#1&2 = 5"x7.5" SELEDGER & 6.5"x8" Perfect Penmanship spiral notebook #802 (1958-1963) . Logbook#3 = 7"x9.5" Nu-Bound Flat Opening Composition Book (black with white spotted cover) after meeting Glenn Hauser in Enid in 1965 who suggested to keep a chronological log in this type of notebook. Logbooks#4-current #15 logbooks mostly similar to Logbook#3 (different brands over the years --Scott's/Square Deal/Vernon AR Royal/Mead/Dennison/Roaring Spring). I usually draw a vertical line on each page to double the content on each page, writing down dates, type propagation and length/location of opening, channel/freq, Calls, locations, signal conditions and significant programming/ads or other info. I highlight "new" on new loggings with a color marker and look up/mark down the distance, and indicate UNID or UNN (Un-needed) on all other loggings. Station Logs before the age of the computer: Hand-written or typed initially by political unit/city which became messy when the loggings multiplied. Then I switched to keeping my main station log by log# in both handwritten and computer (spreadsheet) format. Entries are: Log#, Call, Channel, State/Country, City, Date, Time (24 hr), Distance, Propagation, Remarks(notes). 1st computer log was with the TI-99/4A (using audio tapes) in 1983, then migrated to the Apple clone Franklin Ace1200 (on floppies). Leading Edge 8080 PC (1st hard drive), generic brand 66 mhz PC and to my current Gateway2000 PC(266 mhz). I save the files in 2 formats (xls & csv) and also backup these files occasionally (never lost any files to date). Separate station logbooks cover mainly AM/FM/TV /SW/LW DX. I developed Basic Programs in the early 80's to keep/calculate personal/club statistics and distances using this data and city of license grid coordinate data (before city/transmitter coordinate files became readily available). Don't ask me the hours spent over the years DXing /keeping logs/statistics data :). Fred.

## PREAMPS AND FEEDLINE

Q. I have a 13 element FM beam I'm going to be installing on a 70' tower soon. The sum total of the coax from the top of the tower to the receiver will be somewhat in excess of 150'.

I will be using a good quality preamp at the antenna, so I'm not too worried about line-loss. However, some of the less expensive coax cables have less shielding than better quality lines, so I am worried about the possibility of noise pickup.

A. I have a similar situation with an APS-13 @120' with just over a 180' run of cable and have arrived at my own solution. There are a couple of paths you can choose and I don't know that any of them involve using a preamp. My suggestion is to use a higher quality feed line and see what that does for you.

The first suggestion: Do you have a CATV company in the area and how well do you know them? When installing drops to houses or even trunk/hardline, there are always odd length ends of 75 ohm CATV hardline or, high quality RG-11 type cables laying about. Good cable is a prime component of antenna systems that exhibit very good overall noise temperatures.

A polite phone call to your CATV company may find someone sympathetic to your plight and they may quote you a very low price for the cable or if you are lucky, GIVE you the cable and connector/adaptors to type "F" fittings for nothing. AT 100 mHz, the loss in 150' of 3/4" CATV hardline is less than 1/2db. Naturally, you'll want to use a high quality and very flexible flavor of RG6/U to serve as a pig-tail to go from the balun at the antenna feedpoint to the hardline. You'll want to leave enough pig-tail to accommodate the range of swing of the rotor.

Ok, no CATV company. Again, don't scrimp on the feedline. Second suggestion: Try a premium 75 ohm cable such as Belden 9292. Its another member of the family of very low loss RG-11/U type co-ax. The loss figure is 1.3db /100' @100 mHz. The full specs can be seen at:

<http://ecom.belden.com/static/ZZBLDNTD01FROMCATA.HTM?P0=9292>

What about pre-amps? First putting the preamp at or near the feedpoint is the way to go. DON'T put the preamp at the receiver end of the feedline. That technique degrades the overall noise temperature of the antenna/feedline system.

That said and speaking from the viewpoint of a ham that did a good bit of terrestrial VHF and UHF DX'ing, inexperienced buyers seem to try and obtain a preamplifier with the greatest amount of gain as manufacturers will sell. However, experience finds that usually, VHF preamps fall into an area where GasFETS are too hot (produce too much gain, upwards of 26db) at VHF frequencies. While they have excellent noise figures (under .8db) the problem is that the excessive gain creates receiver front end overload products and spurious responses on strong stations. Preamps using bi-polar transistors have more realistic gain figures at ~20db or less but higher noise figures.

Consider what might happen if you aim your beam at a local flame thrower and have the pre-amp turned on. Seems to me that the APS antenna has about 12db of gain and that, in combination with a strong signal and no feedline loss (you correctly mounted the preamp at or near the antenna feedpoint, remember?) might cause the preamp to oscillate.

All that said, one of my favorite companies is Advance Receiver Research. They build many products including a fine line of commercial, amateur and custom pre-amps.

ARR offers 2 - 88-108 mHz pre-amps that can be seen at: <http://www.advancedreceiver.com/page12.html>

Ideally, you want enough gain to overcome the sum total of line loss, any splitter losses and connector losses. Since ARR offer preamps with custom frequency ranges, you might call or write to ask them if they can drop the gain down to a range that might accommodate your situation as defined by that formula. You might also let them know you are using it with an antenna system with a characteristic impedance of 75 ohms.

One last suggestion, between the antenna feed point and the pre-amp, install one of those Radio Shack clamp-on ferrite chokes on the feedline. Tape the choke over then put a UV resistant tie-wrap over the tape to keep it clamped together and in place on the line. The choke will stop co-ax shield pickup and keep the pattern of your beam clean.

Chuck Rippel  
South of Norfolk, VA

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Country \_\_\_\_\_ Interests: TV ( ) FM ( ) 30-50( ) Weather ( )

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Return this form with your dues or make a copy of it and return that.

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