

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 1999

## WE COVER YOUR MARKET

SUNNY 102

# WLDR

## 100,000

WATTS

AT 101.9 FM

### "Regional Power"

**WLDR's Powerful Signal**

Cover 26 Northwest Michigan Counties, sections of the Eastern UP and Eastern Wisconsin

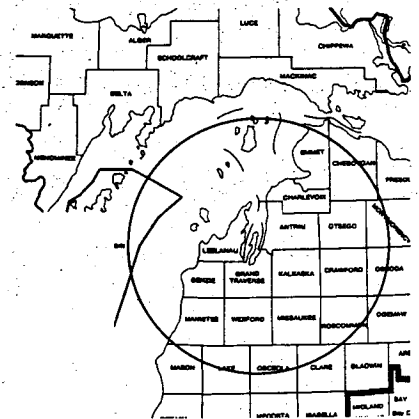


### 'Local Impact'

ARE YOU REALLY

Buying a Traverse City based station? Many other stations claim to be based in Traverse City but they're not.

WLDR's transmitter and tower are positioned in Traverse City, thus provide a Central Pinpoint on the Traverse City Area.



# WLDR

SUNNY 102 FM



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



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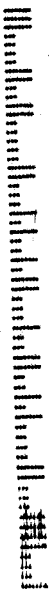
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# WORLDWIDE TV-FM DX ASSOCIATION

*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.

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## FROM THE STAFF:

**CLUB PROMOTIONAL EFFORT:** Jim Thomas of Fort Collins, Colorado has volunteered to head a group of WTFDA members which will focus on club growth. Jim has extensive marketing experience, and others on the committee have similar backgrounds. We will ask Jim to do a report for this column when his plans have advanced past the formative stages. For the moment you might be interested to know that among things they're looking into is updating and re-issuing the WTFDA TV STATION GUIDE which hasn't been available for about 15 years. Their mission will include giving current members extra impetus to stay in WTFDA, while seeking out potential new members by utilizing a variety of approaches.

**ANARC:** Based on the belief that there is strength in numbers, WTFDA has decided to continue as a member of the ANARC (Association of North American Radio Clubs) for another year. The ANARC board of directors has indicated a willingness to work with Jim Thomas' group in the area of publicizing WTFDA. In coming to the decision to remain a part of the 'umbrella' organization, our own board of directors agreed that at the end of 1999 we will carefully review our relationship with ANARC. If, at that time, we feel there has been insufficient benefit to justify continued involvement, we will probably not renew the affiliation.

**1999 CONVENTION:** With any kind of luck we will be able to announce the location and dates of this year's convention next month. To bring you up to date, we had a host and site locked in until illness forced him to withdraw the bid. Another volunteer inquired but decided to hold off until sometime in the future. As this newsletter is compiled, yet another member is giving serious consideration to hosting our group on July 30 and 31, and August 1. Should this materialize it will mean travelling to one of the continent's hottest dx areas. Clue...it's not in Mexico! No other hints at this time.

**FINANCIAL REPORT:** Elsewhere in this issue of your VUD you'll find a report from our Comptroller Dave Janowiak. The bottom line is that the club is in good financial condition. That bit of news means that in spite of the recent increase in postal rates, our membership fees won't have to be raised anytime soon; and that funds will be available for promotional efforts. Although nothing has been firmed up, there has been discussion of buying ad space in publications targeted at readers who share hobby interests similar to ours but may not be aware of WTFDA.



## WTFDA MAILBOX

P.O. Box 501  
Somersville, CT 06072

Mike Bugaj

lkon@netcom.com

## IT'S ALMOST SPRING!

And with a little luck it's no longer snowing in Buffalo. And, once again, we thank the following people for staying with the WTFDA: Roger Sabella, Robert Fischer, Giovanni Bellabarba, Pete Oprisko, Scott Hood, Charles Burnham, Jim Pizzi Albert Gordon, Brian Farnsworth, Gary Olsen, Dan Dankert, Dan Cashin, Joe Perge, Paul Hansen and Dave Nieman. Also rejoining is Joe Fritz from Scarborough, ON. Welcome back, Joe. On the society page: Fernando Garcia and his wife are the proud parents of a son, Christian, born Dec 27<sup>th</sup>, and Jeff Kadet headed out for a three week vacation to Nepal. Gee, Jeff...if you wanted snow you could have gone to Buffalo. And by the way, are there any good Mexican restaurants in Kathmandu? David Shapiro in GA checks in to let everyone know his email address is davidjanis@accessunited.com. Neil Kazaross posts on the qth.net email server that he was an antenna design engineer from 1981-1991, doing many antenna experiments and mods. Maybe we can prod him into writing some antenna articles. He and member Ed Hanlon (Mr. Antenna Performance) could collaborate. These two guys *know* their antennas.

**FCC APPROVES NPRM FOR LPFM.** An article in the rec.radio.broadcasting newsgroup tells us that the FCC has on Feb 3rd established a Notice of Proposed Rulemaking to establish a legalized LPFM service. It's a two tiered service at this point. There are three classes of stations: 1. LP-1000 with a power output (ERP) of 1,000 watts and a protected contour of approx. 9 miles. This service would be primary. 2. LP-100 with a power output (ERP) of 100 watts and a protected contour of approx. 3.5 miles. This service would also be primary. 3. A micro-class with a power of 1-10 watts and a protected contour of 1-2 miles was floated as a possibility, but was not yet included with the NPRM. This service would be a secondary. In addition, there will be restrictions against existing broadcast owners from owning or operating an LPFM station and decisions about allowing former illegal broadcasters (pirates) to receive licenses for LPFM. Developing....

**DON'T CRY FOR ME, ARGENTINA.** The truth is, we're learning about you. We received an email from one Jorge Aloy, who lives in La Plata, Argentina. Jorge is the chairman of the only DX/SWL club in the country that publishes a bulletin (Conexion GRP). Jorge said there are not many Dxers in his country. He said there are so many people there who are poor that "to think in "hobby" is so bizarre here." The name of their club is *Grupo Radioescucha Platense* and includes SWL, tropical bands, pirates, SW, UTTY, TV and FM. There are very few TV and FM Dxers in Argentina; in fact, Jorge thinks he's the only TV Dyer in the country. Jorge hopes to be Dxing soon with a 24 element log periodic antenna about 25' above his roof, although he will have to turn it manually. Rotors are expensive and at this time Jorge is unemployed (he is a journalist).

La Plata is a city of about 700,000 located east of Buenos Aires. The city has about 40 FM stations, many close to him. About 15-30 miles west of La Plata begins Greater Buenos Aires, a magalopolis of 13,000,000 people and perhaps 400-500 FM stations. Many are low power with low antennas, but 10%-20% are "real" stations with high power and high towers. Also there are the pirate stations and the free low power stations. Jorge said it's next to impossible to find an empty channel, but he is determined to make the best of the situation.

In the days before the band became crowded with stations (1985-90) Jorge was able to catch Es from Puerto Rico and Venezuela (CH3 Venevision). One of his DX friends in Cordoba province caught Es from Trinidad and Tobago. And in this year, January 1999, a Dyer who happened to be in Lages, Brazil (900 meters elevation), received FM Es from Trinidad and Tobago, WEUC-88.9 Puerto Rico, ICS-89.7 Martinique, WIPR-91.3 San Juan as well as many more from that area. Lages is in extreme southern Brazil.

Jorge would like help with building home-brew antennas, etc. and would be willing to trade you some interesting items for your help. His address is Mr. Jorge Aloy, Grupo Radioescucha Platense, P.O. Box 465, 1900 La Plata, Argentina. The email address is [jaloy@cefex.com](mailto:jaloy@cefex.com).

**QUICK AND EASY IRC.** Look on your hard drive. Find Microsoft Chat. It's probably already there. Click on it. When the dialog box appears type in a server: irc.webbnet.net or irc.stealth.net. Type in the channel: #wtfdx. Immediately the chat screen appears. If you have connected successfully you will see a message on the bottom of your chat screen that says: connected to server irc.webbnet.net on channel #wtfdx. On the right side of the screen are the names of everyone else on the channel. Since Microsoft Chat has this feature called *Cartoon Mode*, you might want to disable it by cursoring to VIEW, then click on PLAIN TEXT. Now, sit back and enjoy yourself! Move your cursor around the toolbar. If you are not familiar with some of the terms used, ask us. You will see your cursor down on the bottom of the chat screen in the text enter area. Type "hello". We'll say "hi". And from there on, it's all downhill.

**THE MAP OF CANADA CHANGES.** Bill Hepburn, posting on the amfmdvx list, writes that on April 1<sup>st</sup>, the map of Canada will change for the first time since Newfoundland and Labrador joined in 1949. Canada will add one more political unit...going from 10 provinces and 2 territories to 10 provinces and 3 territories.. This will give Dxers another political unit to try for. The new territory of Nunavut will be carved out of the Northwest Territories. Nunavut will be larger than what will be left of the Northwest Territories covering one fifth of Canada with 2 million square kilometers of land.

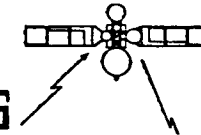
The capital of Nunavut will be Iqaluit (population 4,500) which was called Frobisher Bay prior to 1987. Total population of Nunavut is 27,000 compared to 40,000 in the new smaller NWT. This vast territory has only 20 km of highway! The 20km runs between the hamlets of Arctic Bay and Nanisivik. There are no other highways. If you want to get away from it all, this could be the place.

**DX SEASON "DOWN UNDER" A BUST?** I was talking on the internet to Ian Baxter from Sydney, Australia about the results of his winter Es season. He had one tropo opening into New Zealand, but Es was a different story. Ian said this Es season was the worst he has encountered to date. He has a friend in Melbourne who said it was the worst season since 1987 (11 years). Is this a preview of our upcoming Es season? I hope not.

**WTFDA TV STATION GUIDE...CAN YOU HELP???** Doug Smith writes..."I already have the data for a TV Station Guide, and I'm willing to edit it into a printable form and print a master copy for duplication. What I'm not prepared to take on is *duplication* and *order-filling*. If someone else out there is interested in making the copies and filling the orders, I'd be delighted to work with them on the production of a guide. I do *not* have any maps at this time. There are a few possible ways of automating the mapping process, though, and as time permits I'll be messing with them." As you know, the Marines are always looking for a few good men...and so are we. We need someone to take orders. We need someone to have copies made. We need someone to help with station maps. Remember, the last station guide is still fondly remembered by club members. Help us with this one and we will still be talking about you in 2014!

**GEOGRAPHY 101...MONTERREY, NL** Fernando Garcia talks about his town. "I live in a great place for tropo openings. Monterrey is located on the western extreme of the longest paths East-West, just on the edge of 5900-7800 ft mountains. The highest and closest mountains are to the South and West, and my main source of tropo DX from the US is from North to East. Home is located about 8 miles East from most FM-TV broadcasts towers and protected on direct path with a mountain. Location is 150 miles on direct path from Gulf waters. Average height on the city is about 1700 ft asl, I think there is no such a height on the US Gulf states at a distance of 150 miles from Gulf waters (I think you're right -Mike). State of Florida (the most common 1000+ miles catch) is over a 90% water path. I have only four UHF stations within 100 miles radius, but "T band" action is a serious problem on channels 14-21. I can't ask for a better place for tropo DX reception, maybe a small town on the mountains to the southeast with no local TV stations. I only can dream of it. I still need to win the lottery". (funny...we say the same thing here -Mike).

**YEAR NUMBER ONE IN THE CAN** March begins my 2<sup>nd</sup> year doing the mail and writing the Mailbox. Little did I know back in Dec. of 1997 that I would be doing this, and writing this, but amazingly I have grown to like it. The recent addition of a new computer and laser printer also helps. Personally I find it interesting to know a little about the other people in the club, and other Dxers in general. I would like to see Mailbox as a destination you go to, not just a place you pass by on your way to Photo News or Eastern TV DX. I hope you like it. And...*don't forget to write!* -Mike



# SATELLITE NEWS

GEORGE W JENSEN  
4604 ANNTANA AVE  
BALTIMORE MD 21206-4220

Another month and another clump of changes. The most notable item is the debut of Satmex 5. This is a powerhouse compared to the other, older Mexican birds. The signal rates right up there with Galaxy 1 or any other domestic US bird. - line up details later in the column.

- Satcom C1  
delete the following:  
10 - Fox Sports Southwest  
16 - Sports Channel Alternate  
18 - Fox Sports Detroit  
Satcom C4 - change digital 104 to Encore - Mountain  
Galaxy 1 - using a generic designator will find -  
380 - CNN/FN  
381 - CNN-SI  
383 - Turner Classic Movies  
Satcom c3  
620 - is now Noggin  
the music choice channels have been realigned - more later when I can give a proper designation for each  
Galaxy 9 - using the generic designator CG - will show  
343 - TVN Mix A  
344 - TVN Mix B  
345 - TVN Mix C  
308 - Citibank TVN ????  
Satmex 5  
18 - Clara Vision  
feeds for Mexican Papal Visit were on XPDRs 17 and 19  
GE 1  
16 - Fox Sports New York VC2 from 18  
17 - unknown VC1 sports feed  
18 - delete and move to 16 - Fox Sports New York  
Telstar 5  
11 - Extasy VC2  
21 - ABC - WEST  
Galaxy 3  
14 - delete porn promos and add to XPDR 15  
Galaxy 7 C band  
581 - CBS Eye On People is now Discovery - People  
GE 3 -  
14 - Turner Classic Movies VC2 - here from Galaxy 1  
GE Americom K5 - ID Channel now on XPDR 1  
PanAmSat 5 - 709 - currently color bars not Sony  
Entertainment Television

That's all for this month - see you in 30  
*Change*



# TV News

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
w9wi@bellsouth.net  
http://personal.bna.bellsouth.net/~w9wi

March 1999

# non-commercial station  
nc no change

## Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AB	39	3.82		Bow Island	CJIL [17]		
AB	15	0.02		Hobbema	Family Ch	52-50-08	113-29-55
AZ	29^	707	527	Phoenix	KAET [8]	33-20-00	112-03-49
BC	19	0.05		Abbotsford	Mennonite Church		
BC	2/ 13/ 22/ 39/ 41/ 43	0.01/ 0.01/ 0.02/ 0.05/ 0.05/ 0.025		Riley Creek	CBC Nth./ CHKM [6]/ A&E/ Know./ CIII[6]/ TLC	50-36-53	121-52-42
CA	18^	145	580	San Diego	KUSI [51]	32-41-50	116-56-04
CA	19^	200	428	San Francisco	KBWB [20]	37-45-19	122-27-06
CA	12^	8.9	834	San Jose	KNTV [11]	37-06-40	121-50-34
CA	49^	200	688	San Jose	KSTS [48]	37-29-57	121-52-16
IL	47^	200	465	Chicago	WTTW [11]	41-52-44	87-38-10
IN	36^	50	455	Hammond	WJYS [62]	41-52-44	87-38-10
MA	4+	80	240	Boston	WBZ [4]	42-18-37	71-14-14
ON	36z	10		Smiths Falls	CKWS [11]		
QU	3/ 12	0.05		Cabano	CIMT [9]/ CFTF [29]		
QU	6/ 11	0.05		Riviere-du-Loup	CIMT [9]/ CFTF [29]		
WI	34^	833	340	Milwaukee	WISN [12]	43-06-42	87-55-42

WJYS-DT specifies an antenna on the Sears Tower in Chicago, some 40km north of its current site. The channel 4 application in Boston is for an auxiliary backup transmitter.

## Construction permits granted for new stations

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
BC	8	0.01		Lone Prairie	CHAN [8]	55-33-31	121-20-01
CA	43^	300	947	Los Angeles	KCAL [9]	34-13-38	118-04-00
CA	53^	1000	566	Sacramento	KVIE [6]	38-16-18	121-30-18
CO	18^	1000	435	Denver	KRMA [6]	39-43-48	105-14-00
IN	45^	200	285	Ipls.	WXIN [59]	39-53-20	86-12-07
NC	22^	355	577	Charlotte	WCNC [36]	35-20-49	81-10-15
SA	27	0.02		Quill Lake	Discovery	52-04-22	104-15-47
TN	27^	946	411	Nashville	WKRN [2]	36-02-50	86-49-49

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
VI	Christiansted	15	2				

## Applications to change existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AB	2z	46.6		Lethbridge	CKAL-1		
AB	4	3.48		Red Deer	CKEM-1		
MA	4+		353	Boston	WBZ-TV		
MA	44z	2090	374	Boston	WGBX-TV		
MA	27z			Worcester	WUNI	42-20-09	71-42-57
MI	20+		320	Detroit	WDWB		
MS	20z	30.1		Holly Springs	WBII-LP	34-50-07	89-10-32
NB	38-	21.1		Woodstock	CIHF-11	46-25-12	67-33-34
NC	9+			Charlotte	WSOC-TV	35-15-41	80-43-37
QU	5n	0.05		Cabano	CKRT-4		
QU	13n	0.05		Riviere-du-Loup	CKRT-3		
TX	19+			Victoria	KVCT	28-46-37	96-57-45
WI	27+	2400		Madison	WKOW-TV		
WI	12z	251	326	Milwaukee	WISN-TV	43-06-41	87-55-38

Entries in italics are corrections to the tower coordinates only - nothing has actually changed.

CKEM-TV-1 also proposes to move about 23km southeast of the current site and move from channel 20. CIHF-TV-11 proposes a small move, to the CKLT-TV-1 [3] tower near Florenceville. CKAL-TV-1 proposes a move 10.7km south. The WUNI [27] move also specifies Needham as the city of license, but I believe that's a typo.

## Applications to change construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AZ	55+	6.2		Phoenix	K55EH		
CO	19^	1000		Denver	KTVD-DT		
MA	31^		330	Boston	WFXT-DT		
NM	25-	100	134	Carlsbad	KUPC	32-26-09	104-11-14
TX	55z	3240	143	Lake Dallas	KLDT		
VI	27z	26.7		Christiansted	WCVI-TV		
WA	51+	3800	719	Bellevue	KBEH	47-30-17	121-58-04

## Changes granted to existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AL	15z	2500	431	Florence	WOWL-TV	35-00-10	87-08-10
CA	48-	2510	688	San Jose	KSTS	37-29-57	121-52-16
CO	20z	5000	409	Denver	KTVD	39-43-48	105-14-00
ON	36+	514		Hamilton	CITS-TV		
WI	36z	4770	330	Milwaukee	WMVT	43-05-41	87-54-11

I suspect the CITS-TV change is an as-built facility. The new site for WOWL is a few hundred meters north of the Tennessee state line, in Giles County.

## Changes granted to construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AR	14-	31		Little Rock	K14JV	34-49-52	92-19-18
HI	38+	206	573	Honolulu	KAIE		
HI	44z	206	573	Honolulu	KWBN		

MA	31^		330	Boston	WFXT-DT		
VI	27z	26.7		Christiansted	WCVI-TV		

W34CK's new site is on the Sears Tower in downtown Chicago.

**Changes expired, dismissed, etc.**

St	City	Ch	Call	St	City	Ch	Call
PA	Erie	66	WFXP	TX	El Paso	65	KKWB
PR	Mayaguez	22	WNJX-TV	WA	Seattle	4	KOMO-TV

**LPTV Displacement applications**

St	City	Call	Fm	To	St	City	Call	Fm	To
CA	Quincy	K11JU	11n	5+	FL	Port Charlotte	W52CN	52-	17+

**LPTV Displacements granted**

St	City	Call	Fm	To	St	City	Call	Fm	To
CA	Lompoc	K08MP	67	8+	NM	Grants	K46FI	20	46+
CO	Bayfield	K36FA	67	36n	OH	Masury	W31BW	40	31-
LA	Houma	K60GH	30	60+	WA	Tonasket	K41EU	67	41z
NM	Carlsbad	K47FX	31	47+					

W31BW (ex-W40AM) specifies a transmitter site in Pennsylvania.

**LPTV Displacements Dismissed/Denied**

St	City	Call	Fm	To	St	City	Call	Fm	To
CA	Sta. Barbara	K61AI	61	29-	MA	Dennis	W67BA	67	24z
CA	Sta. Barbara	KWHY-LP	65	29+	MN	La Crescent	KQEG-	50	58-
CO	Ft. Collins	K35EQ	35	52-	NC	Asheville	W25BU	25	50-
FL	Ft. Myers	W67BY	67	17+	OR	Eugene	K63GC	63	23+
FL	Ft. Walton Beach	W69DH	69	32-	OR	Medford	K68EW	68	50+
FL	Jacksonvl.	W67DL	67	50+	SC	Summerville	W48BV	48	26+
FL	Pt. Charlotte	W52CN	52	18+	TX	Livingston	KETX-	5	7+
GA	Roswell	W22CD	22	38z	VA	Richmond	WXOB-	14	40z
GA	Vidalia	W46CA	46	25+					

**Technical changes on the air**

St	Ch	Call	City	What happened
ME	17-	W17BF	Bangor	decrease power 26.6>21.1KW, increase tower height by 3m.
OH	3z	WKYC-TV	Cleveland	increase tower height 305>312m, decrease power 100>93.3KW.
PA	56z	WOLF-TV	Hazleton	increase tower height 329>503m, power 1000>1580KW, move about 20km northeast.
PR	66n	W66BM	Quebradillas	increase power 0.95>10KW, tower 135>157m, move about 1km south.
RI	50z	WRIW-LP	Providence	move from ch. 23z; decrease power 23.8>18.4KW.
TX	47+	K47EB	Lamesa	increase power 0.979>6.89KW, tower height 52m.
WY	39n	KMAH-LP	Cheyenne	increase power 0.222>10.3KW, tower height 2m.

**New stations on the air or requesting operating license**

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AR	54n	8		K54ER	Jonesboro	35-53-26	90-40-26
AZ	27n	1.3		K27EC	L. Havasu C.	34-36-11	114-22-14
AZ	51z	5000	533	KPPX	Tolleson	33-20-03	112-03-38
AZ	52z	1.24		K52EG	Yuma	32-40-23	114-20-16
CA	19+	9.93		K19DH	Indio	33-48-08	116-13-27
CA	53+	9.40		K53EL	Indio	33-48-08	116-13-27
CA	50z	1.06		K50EW	Lucerne Vly.	34-27-47	116-52-44
CA	15n	18		K15CY	Sacramento	38-42-30	121-28-31
CA	24^	561	437	KGO-DT	San Francisco	37-45-19	122-27-06
GA	19^	49	329	WGNX-DT	Atlanta	33-40-27	84-20-26
GA	57+	1740	319	WATC	Atlanta	34-03-59	84-27-17
IA	39-	34.8		K39DF	Council Bluff	41-15-17	95-50-09
ID	31-	2140	447	KFXP	Pocatello	42-55-15	112-20-44
IN	9^	15.8	284	WISH-DT	Indianapolis	39-53-25	86-12-20
IN	46^	250	267	WTHR-DT	Indianapolis	39-55-43	86-10-55
LA	11+	316	544	KAQY	Columbia	32-05-42	92-10-34
MT	10+	316	579	KMTF	Helena	46-35-47	112-17-47
NV	43z	5.1		K43FO	Las Vegas	35-56-44	115-02-31
NY	16z	4.4		W16BE	Hornell	42-16-05	77-37-51
NY	56+	5000	379	WSPX-TV	Syracuse	43-18-18	76-03-00
OH	21^	440	212	WBNS-DT	Columbus	39-58-16	83-01-40
OH	57-	0.774		W57BH	Steubenville	40-21-59	80-35-22
PA	25-	42		W25BK	Freedom	40-41-34	80-15-04
PA	51^	145	250	WTAE-DT	Pittsburgh	40-16-49	79-48-11
TX	10z	316	100	KTRG	Del Rio	29-20-39	100-51-39
TX	63+	6.9		K63GD	San Antonio	29-31-27	98-37-05
VT	69			W69DG	Burlington		
WV	56-	47.4		W56DT	Charleston	38-22-32	81-39-25

W69DG has disappeared from the FCC database...

**Stations deleted/dismissed/off air/etc.**

St	Call	St	Call	St	Call	St	Call	St	Call
AZ	K09WX	BC	CIBD [12]	BC	CIMP [9]	NE	K34DT	NY	WBUF-LP [39]
BC	CH4431 [6]								

The deletion of the wireless-cable system at Lilloet, BC has been proposed. (It is unlikely the CRTC would deny this deletion!) Stations involved are on channels 2, 4, 8, 11, 13, 14, 17, 18, 25, 28, 33, 39, 45, 51, 57, and 63. I don't think all 16 of these channels are to be deleted.

## Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch
K32EQ	KMCF-LP	Fresno, CA	32	K59FQ	KUNU-LP	Victoria, TX	59
KFMG-LP	KEZT-LP	Temecula, CA	26	K39DH	KTLE-LP	Ogden, UT	39
WPXO	KPXJ	Minden, LA	21	WAZW	WTPX	Antigo, WI	46
new	KAPX	Albu., NM	14				

## Programming changes

Call	Location	Programming
K05JR	Juneau, AK	drops WB for UPN. (Dual affiliate, NBC & UPN)
KSCT-LP [5]	Sitka, AK	drops WB, now NBC only.
WSWS [66]	Opelika, AL	drops UPN, now independent.
K28FV	Phoenix, AZ	FTN Spanish religion, parallel South Texas LPTVs & KTRG [10].
W69AY	Alachua, FL	relays WACX [55], TBN.
W47AC/W52BB	Big Pine, FL	from WFOR [4] and WPBT [2] to WPLG [10] and WTVJ [6].
WEYS [22]	Key West, FL	CBS TeleNoticias, in Spanish. Also affects translator W55BV Miami.
WLWA-LP [14]	Lakeland, FL	relays WACX [55], TBN.
W47AL	Orlando, FL	FTN Spanish religion, parallel South Texas LPTVs & KTRG [10].
WCFC-LP [51]	Rockford, IL	religious. (no longer relays WCPX [38] Chicago)
WJJD-LP [45]	Rockford, IL	dark.
WREP-LP [15]	Martinsville, IN	sold to local school district.
WFYW-LP [41]	Fairfield, ME	sold to 3ABN.
W25BI	Grand Rapids, MI	sold to WOOD [8]; to be LWS weather?
W59AZ	Rockford, MI	sold to WOOD [8] (see W25BI)
KAGR [26]	Bemidji, MN	permit sold to WFTC [29], Fox.
K06FZ	Red River, NM	sold to KOB [4], NBC.
CKCO-TV-4 [11]	Huntsville, ON	from a relay of CKCO-TV-2 [2] to a relay of CKNY [10], with some local news.
W65AV	Harrisburg, PA	no longer relaying WPHL [17].
K35EU	Corpus Christi, TX	relaying KTMV-LP [8] w/ Tejano music videos.
KTRG [10]	Del Rio, TX	from WB to FTN Spanish religion.
K20BW & K33CK	San Antonio, TX	"Enlace TBN", in Spanish.
K25ES	San Antonio, TX	FTN Spanish religion // KTRG [10].
K31EX	San Antonio, TX	infomercials.
K67DW	San Antonio, TX	Box

## Forum & Other Stuff

Thanks to Fernando Garcia, Pat Dyer, Chip Kelley, Greg Coniglio, Neil Kazaross, and Jeff Kitsko for information appearing elsewhere in this column.

An application to transfer the license of WPRC-LP [4] Orlando was returned -- they forgot to pay the proper filing fee...

A couple of Chicago-area DXers report an improvement in W23AT ("WFBT")'s signal. I don't list any kind of technical changes for this station. My guess is there was something wrong with the transmitting equipment, causing the station to operate on reduced power, and they fixed the problem. Neil also reports on the programming change at WCFC-LP Rockford, which changed when its former primary WCFC [38] Chicago became a Pax affiliate. This station's frequency is 77KHz above zero offset. (It's supposed to be on minus offset!) After a dark period, W33AR Rockford is back on the air (though very weak) translating WCIU [26].

Fernando and Pat have been seeing some LPTV changes in San Antonio, as reported above. "Enlace TBN" seems to be a new religious service, in Spanish. Fernando reports K67DW back on the air with The Box - this station has disappeared from the FCC DB. Also coming in to Monterey is an unID channel 58 with Spanish-language music videos. Fernando speculates it's K58EU San Antonio, though Pat isn't seeing it. I wonder if this is K58EI Rio Grande City? (See below.)

Another unID at Fernando's location in northern Mexico is a channel 40, seen one afternoon with "TNT" and another morning with cartoons. It seems to peak with W39BP Pensacola. There was some speculation it might be new KTLM Rio Grande City, but Fernando says the beam heading is wrong and it isn't strong enough. Some channel 40s in that general vicinity include KAJN-LP Lafayette, LA (listed as INSP religion); WDBD Jackson, MS (Fox); and K40EX Mathis, TX (I have no programming listings - not sure where Mathis is though)

According to a Mexican newspaper, the "CBS Telenoticias" WEYS [22] is carrying plans to expand to over-the-air broadcasts in New York, Dallas, Houston, San Antonio, and other markets. This is a 24-hour news service in Spanish.

Chip has found a Web site for three LPTVs in the South Texas area. [www.z-tv.com](http://www.z-tv.com) is the site for the Zavaletta LPTVs K20FK ("KZAV") Brownsville, K15EZ ("KZLR") Laredo, and K35EZ ("KZMC") McAllen. K58EI Rio Grande City isn't mentioned, but it is co-owned with these. The Web site gives no indication of the type of programming to be carried, but it does give a start date of 1 March. In January I indicated KFVE [5] Honolulu & KSKN [22] Spokane were to become WB affiliates. Chip says this hasn't happened yet; he believes they'll remain with UPN until 2000.

Jeff Kitsko reports WTAE [4] Pittsburgh airing promotions for their new DTV station on channel 51. They show a regular TV set transforming into a digital set with the audio "WTAE-DT, Pittsburgh's first digital television. We're ready when you are." Jeff says the "snow" pattern doesn't offer him much of a clue about the station's presence. (but see Mike Bugaj's comments in last month's "Mailbox" regarding WTNH-DT) Also sent by Jeff are some area code changes in Pennsylvania which may help with your unIDs:

- ◆ (412): Pittsburgh city
- ◆ (724): Pittsburgh suburbs
- ◆ (814): Erie, Johnstown, Altoona
- ◆ (717): Harrisburg, Lancaster, York
- ◆ (570): Scranton, Wilkes-Barre, Allentown
- ◆ (610): Philadelphia suburbs
- ◆ (484): Philadelphia suburbs
- ◆ (215): Philadelphia city
- ◆ (267): Philadelphia city

Keith Smith noted a list of major group owners in *Broadcasting and Cable* magazine; under the Paxson Communications listings were a channel 51 in Wilkes-Barre, PA. Keith asks "Isn't ch. 51 licensed to Reading, near Philadelphia?" Yes, I'm quite sure this isn't the station mentioned. I wonder if this is a typo? Paxson owns WQPX [64] Scranton. There is a channel 51 station in the market (W51BP Clarks Summit) but I list it as a translator of WBRE [28] and rather doubt it's been sold to Pax.

## Canadian DTV Channel Plan

MB	Brandon	CBWFT-10	MB	16	MB	McCreary	CKX-3	11	19
MB	Brandon	CKYB	4	50	MB	McCusker Lake	CBWUT	10	7
MB	Brandon	CKX	5	49	MB	Melita	CKX-2	9	47
MB	Dauphin	CKYD	12	20	MB	Minnedosa	CKND-2	2	44
MB	Dauphin	CBWST	8	9	MB	Oak Lake	CBWFT-12	32	30
MB	Fairford	CBWGT-2	7	23	MB	Pine Falls	CBWFT-6	11	38
MB	Fisher Branch	CBWGT	10	47	MB	Piney	CBWT-3	29	23
MB	Fisher Branch	CKYA	8	45	MB	Portage la Prairie	CHMI	13	32
MB	Flin Flon	CBWBT	10	22	MB	Ste. Rose du Lac	CBWFT-4	3	14
MB	Flin Flon	CKYF	13	12	MB	The Pas	CKYP	12	15
MB	Flin Flon	CBWFT-2	3	9	MB	The Pas	CBWFT-1	6	30
MB	Foxwarren	CKX-1	11	29	MB	The Pas	CBWIT	7	14
MB	Gods Lake Narrow	CBWXT	13	7	MB	Thompson	CBWFT-5	5	8
MB	Grand Rapids	CBWHT-1	15	14	MB	Thompson	CBWIT	7	13
MB	Grand Rapids	CBWHT	8	50	MB	Thompson	CKYT	9	14
MB	Jackhead	CBWGT-1	5	18	MB	Waasagomach	CBWWT	9	8
MB	Lac du Bonnet	CBWT-2	4	21	MB	Winnipeg	CBWFT	3	51
MB	Leaf Rapids	CBWQT	13	9	MB	Winnipeg	CBWT	6	27
MB	Little Grand Rapids	CBWZT	9	12	MB	Winnipeg	CKY	7	46
MB	Mafeking	CBWYT	2	21	MB	Winnipeg	CKND	9	28
NB	Allardville	CBAFT-3	3	62	NB	Miramichi C.	CIHF-13	40	30
NB	Bon Accord	CBAT-1	6	54	NB	Moncton	CBAFT	11	67
NB	Campbellton	CBAT-4	4	60	NB	Moncton	CKCW	2	29
NB	Campbellton	CKCD	7	17	NB	Moncton	CIHF-3	27	55
NB	Campbellton	CBAFT-7	9	69	NB	Moncton	CBAT-2	7	56
NB	Chatham	CBAT-3	6	52	NB	Saint John	CIHF-2	12	69
NB	Edmundston	CBAFT-2	13	59	NB	Saint John	CBAT	4	62
NB	Edmundston	CIMT-1	4	32	NB	Saint John	CKLT	9	66
NB	Florenceville	CKLT-1	3	24	NB	St. Stephen	CIHF-12	21	40
NB	Fredericton	CIHF-1	11	44	NB	Upsalquitch	CKAM	12	11
NB	Fredericton	CBAFT-10	19	46	NB	Woodstock	CIHF-11	38	30
NB	Fredericton	CBAFT-1	5	31	NF	Millertown	CBNAT-5	9	24
NF	Argentia	CJOM	3	45	NF	Mt. St. Margaret	CBNAT-9	9	45
NF	Baie Verte	CBNAT-1	3	22	NF	Musgrave Harbour	CBNAT-11	9	20
NF	Bonavista	CJWB	10	47	NF	Placentia	CBNT-2	12	51
NF	Bonne Bay	CBYT-3	2	50	NF	Port au Port	CBFNT	13	38
NF	Carmanville	CBNAT-7	7	39	NF	Port aux Basques	CBYT-4	3	39
NF	Clarenville	CJCV	11	24	NF	Port Rexton	CBNT-1	13	38
NF	Clarenville	CBNT-10	7	41	NF	Portland Ck.	CBYT-8	13	43

NF	Conche	CBNAT-8	12	49	NF	Ramea	CBNT-25	13	41
NF	Corner Brook	CJWN	10	42	NF	Red Rocks	CJRR	11	16
NF	Corner Brook	CBYT	5	21	NF	Roddickton	CBNAT-22	11	40
NF	Cow Head	CBYT-6	8	17	NF	Rose Blanche	CBYT-11	9	20
NF	Deer Lake	CBYAT	12	40	NF	Springdale	CBNAT-13	13	41
NF	Deer Lake	CJLW	8	48	NF	St. Alban's	CBNT-4	9	40
NF	Fox Harbour	CBNAT-10	7	10	NF	St. Andrew's	CBYT-5	6	24
NF	Goose Bay	CHTG	12	7	NF	St. Anthony	CBNAT-4	6	38
NF	Goose Bay	CFLA	8	11	NF	St. John's	CBFJ	4	17
NF	Grand Bank	CJOX-1	2	43	NF	St. John's	CJON	6	42
NF	Grand Falls	CBNAT	11	46	NF	St. John's	CBNT	8	21
NF	Grand Falls	CJCN	4	44	NF	St. Mary's	CBNT-6	10	48
NF	Hampden	CBNAT-23	13	20	NF	St. Vincent's	CBNT-26	7	22
NF	Hawke's Bay	CBYT-9	4	24	NF	Stephenville	CJSV	4	47
NF	Hermitage	CBNT-24	4	23	NF	Stephenville	CBYT-1	8	51
NF	Labrador City	CBFT-12	11	12	NF	Sunnyside	CBNT-41	9	16
NF	Labrador City	CBNLT	13	36	NF	Trepassey	CBNT-39	4	40
NF	Marystown	CJMA	11	20	NF	Wesleyville	CBNT-9	5	50
NF	Marystown	CBNT-3	5	49					
NS	Antigonish	CIHF-15	21	39	NS	Mulgrave	CIHF-16	28	20
NS	Antigonish	CJCB-2	9	61	NS	Mulgrave	CBHFT-2	7	69
NS	Aspen	CBHT-14	5	57	NS	New Glasgow	CBHFT-7	15	51
NS	Bridgewater	CIHF-6	9	42	NS	New Glasgow	CIHF-8	34	47
NS	Caledonia	CBHT-9	2	30	NS	New Glasgow	CBHT-5	4	65
NS	Caledonia	CJCH-6	6	23	NS	Pt. Hawkesbury	CJCB-6	3	41
NS	Canning	CJCH-1	10	34	NS	Sheet Harbour	CBHT-4	11	29
NS	Cheticamp	CBHFT-4	10	59	NS	Sheet Harbour	CJCH-5	2	44
NS	Cheticamp	CBIT-2	2	50	NS	Shelburne	CIHF-9	10	28
NS	Digby	CBHT-7	52	39	NS	Shelburne	CBHT-2	7	17
NS	Digby	CBHFT-6	58	15	NS	Sydney	CIHF-7	11	14
NS	Dingwall	CBIT-16	12	46	NS	Sydney	CBHFT-3	13	36
NS	Halifax	CBHFT	13	38	NS	Sydney	CJCB	4	68
NS	Halifax	CBHT	3	63	NS	Sydney	CBIT	5	54
NS	Halifax	CJCH	5	48	NS	Truro	CIHF-4	18	33
NS	Halifax	CIHF	8	26	NS	Truro	CBHT-8	55	42
NS	Inverness	CJCB-1	6	27	NS	Wolfville	CIHF-5	20	58
NS	Inverness	CBIT-19	8	63	NS	Yarmouth	CBHT-3	11	49
NS	Liverpool	CBHT-1	12	25	NS	Yarmouth	CBHFT-1	3	50
NS	Middleton	CBHFT-5	46	21	NS	Yarmouth	CJCH-7	40	43
NS	Middleton	CBHT-6	8	61	NS	Yarmouth	CIHF-10	45	33
NS	Mulgrave	CBHT-11	12	31					

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# FM NEWS

MARCH 1999

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MARCH 1999

## FROGGY 96.7

Best & most country!

### CALIFORNIA:

Alturas: KCNO 94.5 FC to JRN classic country (&)  
Arvin: KBDS 92.5 PG 1,150 watts, 751 ft, XG: 35-11-45 / 118-42-30  
Corcoran: KLCZ 102.3 NO-RX  
Davis: KHZZ 104.3 PG> 6 kW, 328 ft. CC (ex KQBR)  
Ford City: KZPE 102.1 NO-RX  
Fremont: KCNL 104.9 CC (ex KLDZ) "The Channel"  
Fresno: KMGV 97.9 CC (ex KNAX) "Mega"  
Inglewood: KACE 103.9 PG> 4.1 kW  
Johannesburg: KRAJ 100.9 LC  
Joshua Tree: KDHI 92.1 CC (ex KKJT), FC to RMN - Country (&) "Coyote Country"  
King City: KZSL 93.9 CC (ex KLFA) "Z-Spanish"  
Lenwood: KBIW 104.5 NO-RE  
Ludlow: KHVZ 100.1 inc. to 174 ft. XG: 34-42-35 / 116-09-04  
Madera: KZFO 92.1 NC to 50 kW, 492 ft. CL to Clovis, CA, RE  
Magalia: KLVC 88.3 PG> 5.7 kW  
Manteca: KFRY 96.7 FC to rhythmic oldies "Jammin" (Modesto)  
Mecca: KRCK 97.7 CC (NS)  
Northridge: KCSN 88.5 NC to 320w, 1643', RE  
Rio Dell: KMGX 107.3 NO-GX  
Roseville: KXOA 93.7 CC (ex KRAK) "Arrow"  
San Clemente: KWVE 107.9 NC to 560w, 3689 ft, GX (4<sup>th</sup>)  
San Francisco: KKSF 103.7 PG< 7.2 kW, 1512 ft.  
Santa Ana: KALI 106.3 PC> 6 kW, 302 ft.  
Santa Paula: KCZN 96.7 NC to 279w, DA, GE (3<sup>rd</sup>)  
Stockton: KQOD 100.1 inc. to 328 ft. XG: 37-59-33 / 121-12-50  
Templeton: \*NS 100.5 NO-RE  
Twentynine Palms: KKJT 96.3 CC (ex KDHI), FC to modern rock "Jet" (&)  
Vacaville: KUIC 95.3 PC< 460w, 2024 ft.

**COLORADO:**  
Aspen: KPWW 107.1 NO-GE  
Colorado Sps: KTLF 90.5 PC> 13 kW(v), 2181 ft.  
Fountain: KPRZ 96.1 NC to 1.7 kW, 2198', RE  
Holyhoke: KKYT 92.3 CC (NS)  
Kremmling: KRKM 106.3 adds Art Bell 11pm - 4am  
New Castle: \*\*\* 94.5 PA: add class A  
Olathe: \*\*\* 101.9 PA: add class C2  
Palisade: \*\*\* 106.9 PA: add class C3  
Rocky Ford: \*NS 95.5 100 kW, 390 ft.  
Rye: \*\*\* 104.9 PA: add class A  
Walden: \*\*\* 94.1 PA: add class C2  
Windsor: KUAD 99.1 inc. to 695', XG: 40-38-31 / 104-49-03  
Yuma: KNEC 100.9 not on the air yet

### FLORIDA:

Apopka: WYPO 95.3 CC (ex WTLN), FC to dance "The Party" (Orlando)  
Beverly Hills: WGUL 106.3 CC (ex WXOF), FC to JRN standards (&)  
Cape Coral: WXXB 103.9 OSA to class C, 1118 ft, XG: 26-25-22 / 81-37-49  
Crawfordsville: WAKU 94.1 FC to con. Christian (&)  
Crystal River: WKTK 98.5 XC: 29-15-34 / 82-34-05  
Dade City: WBDN 96.1 CC (ex WGUL), FC to tropical (Tampa) (&)  
Edgewater: WKRO 93.1 XG: 28-53-40 / 80-53-08  
Englewood: WLTF105.9 NO-GE (2<sup>nd</sup>)  
Holly Hill: WANX 88.1 NO-RE  
Homestead: WRGP 88.1 NO-GX (3<sup>rd</sup>)  
Key West: WCNK 98.7 CX CP for XC: 24-34-43 / 81-44-49  
LaBelle: WBIY 88.3 CC (NS)  
Lakeland: WKES 91.1 CX CP for 476 ft, XC  
Marco: WMKO 91.7 LC  
Melbourne: W232AZ 94.3 NS-120w: WJFP 91.1  
Perry: \*\*\* 107.7 PA: add class C3  
Pt. St. Lucie: WHLG 101.3 NW, adult contemp.  
Punta Rassa: WCCL 97.7 NO-RE  
Riviera Beach: WWLV 94.3 NC to 4.1 kW, 807', GX  
Rockledge: WHKR 102.7 CX CP for DA, XC  
Vero Beach: WPAW 99.7 PG> 50 kW, XG: 27-44-07 / 80-27-27  
Yankeetown: WXOF 96.3 CC (ex WBKX), FC to country "The Fox"

### GEORGIA:

Albany: WGPC 104.5 FC to country // WKAK (WKAK will get a new format by Spring)  
Augusta: WEKL 102.3 XA: to 101.7 - C3  
Canton: WGST 105.7 adds Dr. Laura  
Clayton: WRBN 104.1 PG> 370 w.  
Cordele: WKKN 98.3 PC> 4.2 kW, 279 ft.  
Ellijay: WLJA 93.5 FC to JRN classic country (&) and gospel  
Fayetteville: WHTA 97.5 NC to 6.6 kW, 636', GE (3<sup>rd</sup>)  
Fort Valley: WIBB 97.9 CX CP to remove contour protection  
Gibson: \*\*\* 94.3 XA to delete this A  
Hazlehurst: WVOH 93.5 FC to Radio 1 Country (&)  
Milledgeville: WGUR 88.9 CX CP for 91.9 - A, PC> 6 kW, 328 ft, XC  
Mt. Vernon: WYUM 101.7 LC  
Sasser: WEGC 107.7 FC to adult. Cont.  
Statenville: WHLJ 97.5 adds Tom Joyner  
Sylvester: WWSG 102.1 NO-RE  
Talking Rock: WNSY 100.1 LC  
Thomasville: WOKL 107.1 CX CP for 100 kW, 981 ft, and XC  
Thomson: WTHO 101.7 XA: to 94.3 - A  
Valdosta: WQPW 95.7 OSA for C1, 100 kW, 981 ft, XG: 30-31-38 / 82-58-22



Most of the information appearing in this column is courtesy of:  
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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 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:

Andalusia: WWSF 98.1 FC to sports (Ft. Walton)  
Atmore: WYOK 104.1 CC (ex WDWG), FC to urban "K104" (Mobile)  
Dothan: WGTF 89.5 PC> 19 kW, 210 ft, DA, C3  
E. Brewton: WGCX 95.7 NO-RE  
Gadsden: WQEN 103.7 adds Mark & Brian  
Jackson: WHOD 94.5 NC to 30 kW, 640 ft, C2, GE  
Montgomery: WHHY 101.9 CC (ex WJCC) "Y102"  
Montgomery: W218BG 91.5 NS-10w: WLBH 89.1  
Oneonta: WKLD 97.7 CX CP for 341 ft.  
Pine Hill: WXXX 96.7 NO-RX  
Scottsboro: WKEA 98.3 adds JRN country (&)  
Trussville: WENN 105.9 FC to rhythmic oldies  
Zip City: W255AN 99.7 NS-10w: WMXX 103.1 TN

### ALASKA:

Girdwood: KEUL 88.9 LC  
Houston: \*NS 96.3 NO-RX  
Seward: KPFN 105.9 NW, JRN oldies/talk // AM (&) a new format may come soon

### ARIZONA:

Chino Valley: KPBB 103.9 LC  
Flagstaff: KBLC 100.1 CC (NS)  
Flagstaff: KJTA 89.9 NO-GE

### Arizona:

Florence: KCDX 103.1 NO-GE (5<sup>th</sup>)  
Lake Havasu City: KBBC 96.7 CC (ex KANG) "British Broadcasting Company"  
Nogales: KOFH 99.1 NO-RE  
Paradise Valley: KHOT 105.9 FC to rhythmic oldies  
Payson: KESP 101.1 PC< 82 kW, 1069 ft. FC to classic hits "Loop 101"  
Springerville: K218CV 91.5 NS-90: WYFG-SC  
Willcox: KWXC 98.3 FC to JRN soft AC (&)  
Winslow: KFMR 95.1 NO-GE

### ARKANSAS:

Des Arc: KBDO 91.7 PG> 56 kW (v), 682 ft, XG: 35-00-08 / 91-44-41  
El Dorado: KBYB 96.1 inc. to 446 ft.  
England: KHUG 96.5 FC to country  
Heber Springs: KAWW 100.7 FC to adult standards // KRNN (&)  
Jonesboro: KDEZ 100.5XC: 35-54-26 / 90-41-38  
Maumelle: KWLR 96.9 CC (ex KSIZ) "Word 97"  
Paragould: KDORS 107.1 CC (ex KLQZ), FC to Hot AC  
Paris: KERX 95.3 FC to WW1 adult rock (&)  
Pine Bluff: KANX 91.1 PC> 16.5 kW, 522 ft, XG: 34-17-26 / 92-29-36  
Salem: KSAR 95.9 NC to 100.9 - C2, 50 kW, 492 ft, XC, RE





**IDAHO:**

Aberdeen: \*\*\* 99.5 PA: add class C2  
Sandpoint: KIBR 102.5 change to -344 ft.

**ILLINOIS:**

Arlington Hts: WKIE 92.7 CC (ex WCBR) "Kiss FM"  
Canton: WBDM 101.1 NO-RX  
Carlyle: WCXO 96.7 NO-GE  
Chicago: WLIT 93.9 XG: 41-52-44 / 87-38-08  
Crete: WYAA 102.3 PG< 1050w, 499 ft.  
XG: 41-19-32 / 87-37-15

E. Moline: KUUL 101.3 CX CP for 12.5 kW, 981 ft.  
El Dorado: WEBQ 102.3 CX CP for 6 kW, 328 ft.  
Freeport: WXXQ 98.5 PC< 11 kW, 492 ft, B1,  
XC: 42-16-48 / 89-19-59

Glenview: WGBK 88.5 PG> 185w, DA,  
XG: 42-06-39 / 87-49-56  
Joliet: WLLI 96.7 dec. to 276 ft, XC: 41-32-06  
/ 88-03-15

Kankakee: WKIF 92.7 CC (ex WBRO) "Kiss FM"  
La Salle: WNIW 91.3 NW, info / classical, // WNIU  
days, and WNIU nights

Lincolnshire: WAES 88.1 CC (NS)  
Metropolis: WRK 98.3 NC to 100 kW, 699 ft., GE  
Morrison: WZZT 95.1 FC to Adult Rock (&  
Oglesby: WALS 102.1 CX CP for 1.8 kW, XC  
Pana: WXKO 100.3 FC to WW1 country (&  
Peoria: WBGE 92.3 FC to R&B oldies  
Rock Island: WHTS 98.9 CX CP for 12.5 kW, 981 ft.

**INDIANA:**

Auburn: WGL 102.3 FC to dance "Z 102.3"  
PC > 6 kW, 315' XC: 41-21-07 / 85-09-55

Chesterton: WAJW 89.5 NO-RE  
Clarksville: WQSH 93.1 LC  
Edinburgh: WYGB 102.9 NO-GE (3<sup>rd</sup>)  
Jeffersonville: WQMF 95.7 CX CP for 29.5 kW, 633'  
Marengo: WKLO 89.9 CC (ex WARL)  
Princeton: WSJD 100.5 CX CP for 6 kW (cir), XC,  
RX

Richmond: WFMG 101.3 CX CP for 44 kW, 528 ft.  
Veedersburg: WARL 92.9 CC (ex WKLO)



**IOWA:**

Lamoni: KIIC 97.9 NO-GE, change to ND,  
XG: 40-48-52 / 93-50-15

Onawa: KZSR 102.3 CC (ex KOLK), FC to adult  
cont. (Sioux City)  
Ottumwa: KOTM 97.7 PC> 19 kW, 367 ft.  
Spencer: KICD 107.7 dec. to 285 ft.

**KANSAS:**

Burdett: \*\*\* 93.5 PA: add class A  
Cawker City: KZDY 96.3 LC  
Dodge City: KONQ 91.9 CX CP for 223', XC  
Fl. Scott: KOMB 103.9 PC> 4.1 kW  
Herington: KDMM 105.7 FC to RMN country (&

**Kansas:**

Hutchinson: KSKU 97.1 LC  
Ingalls: KSSA 105.9 CC (ex KBIE)  
Phillipsburg: K216ED 91.1 NS-222w(v): KPRD 88.9  
Seneca: KMZA 92.1 PG> 4 kW, 403 ft, ND,  
XG: 39-49-34 / 96-01-45

**KENTUCKY:**

Beaver Dam: WKLX 100.7 PG> 25 kW, 328 ft, class  
C3, XG: 37-09-17 / 86-19-33  
Benton: WTRT 88.1 NW, SKY cont. Christian  
(&

Benton: WCBL 99.1 XC: 36-51-31 / 88-20-11  
Harrodsburg: WJMM 99.3 CC (ex WHBN)  
LeRose: WSPE 88.3 100w(h), 161 ft CC (NS)  
Louisville: WFPK 91.9 PC< 6.8 kW, 774 ft.  
Midway: WBTF 107.9 CC (ex WAHY) "The Beat"  
Princeton: WAVJ 104.9 FC to soft AC "Lite" (&  
Versailles: WCDA 106.3 CC (ex WJMM), RA with  
hot AC "CD 106.3" (Lexington), PC> 3.7 kW,  
420 ft, XC: 38-02-51 / 84-29-57

**LOUISIANA:**

Abbeville: KROF 105.1 FC to news & talk // KPFL  
Baker: WTGE 107.3 FC to rhythmic oldies (BR)  
Baton Rouge: WDGL 98.1 adds Walton & Johnson  
(simulcast from WRNO 99.5)  
Baton Rouge: WXCT 100.7 SG "Tiger Country  
100.7"

Clayton: KFGA 107.9 NO-CX-DE  
Donaldsonville: KKAY 104.9 NC to 6 kW, 328', GE  
Franklinton: WFCE 98.9 FC to Radio 1 country (&  
Natchitoches: KZBL 100.7 PC> 25 kW, 246 ft.  
Oak Grove: WKCL 96.7 PC> 23 kW, 341 ft.  
Pitkin: \*\*\* 104.9 PA: add class A

**MAINE:**

Presque Isle: WOZI 101.9 QC from 101.7, now C2,  
7.9 kW, 1207', DA, XC: 46-32-51 / 67-48-35

**MARYLAND:**

Cambridge: WFBR 94.3 NO-GE (7<sup>th</sup>)  
Frederick: WFRE 99.9 adds Nashville Nights /  
After Midnight  
Pocomoke City: \*NS 92.5 XG: 38-08-36 / 75-39-53

**MASSACHUSETTS:**

Brewster: \*\*\* 94.3 GA: add class A  
Brookton: WCAV 97.7 PG< 2.7 kW, 492 ft,  
XG: 42-07-28 / 71-00-05  
Southbridge: WQVR 100.1 PG> 2,850w, 479 ft, DA,  
XG: 42-13-28 / 71-52-51, reported SI  
Truro: WCDJ 102.3 NO-GE  
Webster: WORC 98.9 GA: to CL: Spencer, MA

**MICHIGAN:**

Ann Arbor: WIQB 102.9 adds Bob & Tom  
Atlanta: WBYC 92.5 CC (ex WAIR)  
Benton Harbor: WCNF 94.9 CC (ex WYKL) NW, hot  
AC "Coast"  
Benton Harbor: WHFB 99.9 FC to country  
Big Rapids: WBRN100.9 FC to classic rock  
Birmingham: WCSX 94.7 PC< 13.5 kW, 951 ft.  
Essexville: WEEG 97.3 CC (ex WIXC) "Eagle 97.3"  
Grand Rapids: WCUZ 101.3 CX CP for 26 kW, 702'  
Grand Rapids: WBLU 88.9 granted waiver of main  
studio rule  
Honor: WAIR 100.7 CC (ex WIAR)  
Ishpeming: WJPD 92.3 FC to Radio 1 country (&

**WFXD FM**



**Michigan:**

Mackinaw City: \*NS88.5 3.8 kW (v), 417 ft.  
Manistee: WXYQ 101.5 PC< 2.9 kW  
Marquette: WFXD 103.3 adds JRN oldies (&  
Mt. Clemens: WKSX 102.7 CC (ex WWBR), FC to  
soft AC "Kiss" (Detroit), adds Delilah  
Negaunee: WKQS 101.9 PC> 12 kW, C2  
Pentwater: WMOM 103.1 NO-RE, QG to 102.7, 6 kW,  
328 ft, XG: 43-52-10 / 86-21-32  
Stephenson: WZRK 106.3 XG: 45-38-36 / 87-22-37  
Traverse City: WLJN 89.9 PG> 39 kW (v)  
Trout Lake: \*NS 89.9 500w, 390 ft.  
Whitehall: WKBZ 95.3 FC to news & jazz //  
WGUV-FM (Muskegon)

**MINNESOTA:**

Alexandria: KBHG 89.5 CC (NS)  
Atwater: KYRS 94.1 FC to Radio 1 country (&  
Grand Marais: WXXX 95.3 NO-GE  
Redwood Falls: KLGK 97.7 PG> 60 kW, 289 ft,  
XG: 44-32-35 / 95-07-57  
St. Cloud: KCFB 91.5 PG> 15 kW, 348 ft, C3,  
XG: 45-30-02 / 94-14-31  
Waite Park: KLZZ 103.7 PG> 9 kW, 413 ft, class C3,  
XG: 45-30-2 / 94-14-31  
Walker: KQKK 101.9 OSA to C2, 50 kW, 390'

**MISSISSIPPI:**

Bay Springs: WKZW 94.3 PC< 29.5 kW, 646 ft,  
XC: 31-41-28 / 89-17-45  
Belzoni: WBYF 107.1 adds WW1 country (&  
Bude: \*NS 104.3 25 kW, 328 ft.  
Bruce: WCMR 94.5 adds sports 5-8 p.m.  
Greenwood: WGNL104.3 PC> 50 kW, 276 ft.  
Greenwood: WYMX 99.1 XG: 33-34-34 / 90-22-33  
Grenada: WQXB 100.1 NC to 24.5 kW, 708 ft, DA,  
XC, GE  
Indianola: WTCD 96.9 XG: 33-34-34 / 90-22-33  
McLain: WXAB 96.9 NO-GE  
Moss Point: WDWG 104.9 CC (ex WYOK), FC to  
classic country (Mobile)  
Pt. Gibson: WYVE 100.5 NO-GE (4<sup>th</sup>)

**MISSOURI:**

Bonne Terre: KDBB 104.3 PG< 790w, XG: 37-48-01  
/ 90-33-47  
Buffalo: KBFL 99.9 PC< 3.1 kW, 476 ft, class  
C3, XC: 37-31-14 / 93-06-14  
Cedar Hill: KNLH 89.5 NW, New Life gospel (&  
Columbia: KCMQ 96.7 NC to 100 kW, 912', RE  
Columbia: KBXR 102.3 PC< 880w, 856 ft,  
XG: 39-00-52 / 92-16-32  
DeSoto: KDJR 100.1 FC to country "K100"  
Ellington: KAUL 103.9 NW, New Life gospel (&  
Kansas City: KSRC 102.1 CC (ex KOZN) "Star"  
Lexington: KNRX 107.3 adds Tom Joyner (KC)  
Mansfield: KTRI 95.9 reported SI  
Moberly: KCSX 97.3 NW, country "Kicks" (&  
Poplar Bluff: KZMA 103.5 LC  
Scott City: KGKS 93.9 LC  
St. Louis: KSD 93.7 FC to hot AC "Mix 93.7"  
Stockton: KRKL 107.7 XG: 37-37-47 / 93-54-01  
NW, JRN classic country "Lake" (&

**MONTANA:**

Belt: \*\*\* 101.7 PA: add class A  
Billings: KBEX 105.1 NW, country // KGHL  
Columbia Falls: \*\*\* 103.1 PA: add class C3  
Florence: \*\*\* 103.5 PA: add class A  
Hamilton: KUFN 91.9 NW, info/variety // KUFM  
Joliet: \*\*\* 99.7 PA: add class C3  
Kalispell: KUKL 89.9 NW, info/variety // KUFM  
Lockwood: \*\*\* 106.7 PA: add class A  
Missoula: KMZL 96.1 inc. to 2053 ft.  
Neihart: \*\*\* 97.1 PA: add class C2

**NEBRASKA:**

Bridgeport: KAWQ 101.3 NO-RE  
Norfolk: K202CY 88.3 NS-250w: KLOV-FM  
Omaha: KKCD 105.9 adds Bob & Tom  
Omaha: KNVS 88.9 CC (ex KNOS), FC to  
religion

**NEVADA:**

Indian Springs: KPXC 99.3 NO-GX (8<sup>th</sup>)  
Lund: \*NS 88.7 3 kW, 905 ft.

**NEW HAMPSHIRE:**

Campton: WVMF 105.7 FC to adult alternative //  
WXRV 92.5 MA "The River"  
Concord: WVNH 91.1 NO-GE (3<sup>rd</sup>)  
Lancaster: \*\*\* 93.7 PA: add class A  
Littleton: WMTK 106.3 adds JRN classic rock (&  
Mt. Washington: 97.3 PA: add class A

**NEW JERSEY:**

East Orange: WFMU 91.1 PC> 12.5 kW, 495 ft.  
Egg Harbor City: WRDR 104.9 FC to Spanish  
tropical (Atlantic City)  
Woodbine: WJPH 89.9 CC (NS)

**NEW MEXICO:**

Alamogordo: KZZX 105.3 QC from 105.5, PG> 8  
kW, -607 ft, XG: 32-53-13 / 105-57-02  
Bosque Farms: KEXT 104.7 dec. to 843 ft.  
Gallup: K207CQ 89.3 NS-100w(v): KLYT 88.3  
Los Alamos: KEFE 107.5 NO-RE  
Raton: KBKZ 96.5 CC (NS)  
Reserve: KNMA 104.5 NO-RE  
Santa Fe: KZXA 94.7 NO-RX  
Santa Rosa: KRSR 95.9 NO-RE  
Taos: KTAO 101.7 QG to 101.9 - C1, 1.2 kW,  
2795 ft, XG: 36-14-48 / 105-39-15



**NEW YORK:**

Albion: WBJA 95.5 CC (NS)  
Amsterdam: WBKK 97.7 CX CP for 1.6 kW  
Baldwinsville: WBXL 90.5 PC> 175w, 207 ft.  
Brockport: WASB 105.5 NW, religion  
Canandaigua: WCYI 88.9 CX CP for 500w, RX  
Delhi: \*\*\* 97.5 PA: add class A  
Fulton: WBBS 104.7 CX CP for 479', XC  
Geneva: WEOS 89.7 XC: 42-48-32 / 77-05-12  
Honeoye Falls: WMAX 107.3 PG< 650w, 994 ft, XG:  
42-44-47 / 77-25-35, CL: South Bristol, NY  
Irondequoit: WKGS 106.7 CC (ex WYSY) "Kiss"  
Jewett: WRIP 97.9 CC (ex WAXK) "Land of Rip  
Van Winkle"

**New York:**

Norwich: WKXZ 93.9 FC to ABC Hot AC (&)  
 Nyack: WNYK 88.7 CX CP for 2 w, 456 ft.  
 Oneonta: WZOZ 103.1 FC to 70's oldies (&)  
 Southampton: WRLL 91.3 NO-GE (7<sup>th</sup>)  
 Syracuse: WRVD 90.3 PG< 280w, 43 ft, DA,  
 XG: 43-02-02 / 76-08-22

Vestal: WMXW 103.3 CX CP for 890w, 850 ft.  
 Voorheesville: WAJZ 96.3 CC (ex WPTR), adds  
 Tom Joyner, SG "Jamz"

Walton: \*\*\* 107.1 PA: add class A  
 Watertown: WFRY 97.5 PC< 97 kW, 476 ft.  
 Webster: WFRW 88.1 CX CP for 25 kW, XC

**NORTH CAROLINA:**

Asheboro: WWMO 89.5 NO-GE  
 Belhaven: WANJ 101.1 FC to standards // WANG  
 CC (ex WKJA)

Buxton: \*\*\* 101.5 GA: add class A  
 Buxton: \*\*\* 99.9 GA: add class A  
 Greensboro: WQMG 97.1 CX CP for 1230', DA, XC  
 Hendersonville: WMYI 102.5 PC< 19 kW, 1811 ft,  
 XC: 35-13-20 / 82-32-58

Highlands: WHLC 104.5 PG> 460w, 1158 ft.  
 Moyock: WSVV 92.1 CX CP for 3.7 kW  
 Nags Head: WNHW 92.3 QC from 92.5, PC< 18 kW,  
 384 ft. XC: 35-50-49 / 75-32-19

Ocean Isle Beach: WDZD 93.5 NW, rock '93.5  
 Asylum (Myrtle Beach)

Salisbury: WEND 106.5 PG> 84 kW  
 St. Pauls: WUKS 107.7 PC< 5.2 kW, 656 ft.  
 Wilmington: WMNX 97.3 inc. to 882 ft.

**NORTH DAKOTA:**

Cannon Ball: \*\*\* 107.5 PA: add class C  
 Dickinson: KCAD 99.1 PC> 100 kW, 794 ft.  
 Ft. Totten: KABU 90.7 NO-GE (2<sup>nd</sup>)  
 Velva: \*\*\* 94.9 PA: add class C1

**OHIO:**

Canton: WHK 98.1 PC< 15.5 kW, 879 ft.  
 Defiance: WDGE 91.9 NO-RE  
 Gahanna: WCVO 104.9 PC> 6 kW, 308 ft.  
 Greenville: WBKI 106.5 CC (ex WLSN) "Buckeye"  
 Lancaster: WJWZ 103.5 PC< 4 kW, 404 ft.  
 New Lexington: WWJM 105.9 QC from 106.3  
 Royal City: WRCW 96.3 CC (ex WTOF)  
 Willard: WLRD 96.9 CC (ex WHHA)

**OKLAHOMA:**

Ada: KTGS 89.9 NW, southern gospel  
 Atoka: KHKC 103.1 FC to Radio 1 country (&)  
 Edmond: KCYI 97.9 CC (ex KTNT), FC to jazz &  
 a/c mix "City" (Oklahoma City)

Eldorado: \*\*\* 96.9 PA: add class A (replaces  
 proposal for 97.1 - A)

Eufaula: KCES 102.5 QC from 102.3, now C3,  
 10.5 kW, 505 ft, XC: 35-06-09 / 95-36-53

Idabel: KQIB 102.9 NW, hot AC  
 Lawton: KQRS 90.3 CX CP for 187 ft.  
 Madill: KMAD 102.5 GA: to 102.3 - A (going  
 back to it's old frequency!)

Magnum: KHIM 97.7 PA: to 104.3 - A  
 Paul's Valley: \*\*\* 104.5 XA to add class A  
 Sand Springs: KTFX 102.3 FC to rock, PC> 50 kW,  
 492 ft, now C2, "Rock 102.3" (Tulsa)

Tahlequah: KEOK 101.7 FC to adult contemp.  
 Tipton: \*\*\* 97.7 PA: add class C2

**Oklahoma:**

Tishomingo: KAZC 88.3 FC to southern gospel  
 Vinita: KITO 96.1 FC to Radio 1 country (&)  
 Wagoner: KRQZ 95.5 PC> 6 kW, 276 ft,  
 XC: 35-34-39 / 95-12-36  
 Weatherford: KAYM 90.5 NO-RE  
 Wynnewood: \*\*\* 104.5 GA: add class A

**OREGON:**

Baker: KKBC 95.3 PC> 6 kW  
 Bonanza: KAQX 102.9 LC  
 Florence: \*NS 91.7 100w, 1601'  
 Medford: KLDZ 103.5 CC (ex KOPE) "Oldies"  
 Milton-Freewater: KTHK 97.9 adds Bob & Tom  
 Sisters: KPXA 104.1 NO-GX  
 Toledo: KPPT 100.7 NC to 25 kW, 446 ft, RX

**PENNSYLVANIA:**

Bellwood: WALY 103.9 PC> 380w, 918 ft.  
 XC: 40-34-01 / 78-26-32  
 Hazleton: WZMT 97.9 CX CP for 15 kW, 751 ft,  
 DA, XC: 41-04-52 / 75-56-53  
 Hershey: WHYL 102.3 FC to country // WRKZ  
 Mansfield: WNTE 89.5 CX CP for 3,450 w., -157 ft,  
 XC: 41-48-21 / 77-04-15  
 Masontown: WYFU 88.5 CC (ex WLWJ)  
 Pittsburgh: WVTV 96.1 FC to hot AC "Pittsburgh's  
 New Mix 96.1"  
 Pt. Matilda: WNCL 107.9 CC (ex WIKN), FC to oldies  
 "Cool" (State College)  
 Sharon: WYFM 102.9 PG< 33 kW, 604 ft,  
 XG: 41-03-26 / 80-38-22  
 W.Chester: WCUR 91.7 CC (NS)  
 York: WVYC 88.1 CX CP for 99.7

**COUNTRY 102  
WHYL**

**RHODE ISLAND:**

Providence: WBRU 95.5 NC to 50 kW, 492', GE (7<sup>th</sup>)

**SOUTH CAROLINA:**

Aiken: WKXC 99.5 PC> 24 kW, 712 ft,  
 XC: 33-38-34 / 81-55-45  
 Goose Creek: WSSP 94.3 FC to dance-CHR "The  
 Beat"  
 Greenville: WPLS 96.7 PC> 20w, 102 ft, QC from  
 96.5, now commercial, XC: 34-55-13 / 82-26-17  
 Greenwood: WZSN 103.5 CC (ex WMTY), FC to  
 WW1 soft AC "Sunny" (&)  
 Hartsville: WHSC 98.5 FC to modern rock "The  
 Buzz" (Florence)  
 Marion: WBZF 100.5 FC to hot AC "Star 100" (&)  
 (Florence)  
 Moncks Corner: WCOO 105.3 CC (ex WNST) "Cool"  
 Pamplico: WMXT 102.1 FC to clas. rock "The Fox"

**SOUTH DAKOTA:**

Dell Rapids: KSOB 95.7 LC  
 Rapid City: \*NS 106.3 100 kW, 997 ft.

**TENNESSEE:**

Graysville: WAYB 95.7 PC> 6 kW, 328 ft, DA,  
 XC: 35-24-39 / 85-07-54  
 Huntingdon: WVHR 100.9 FC to WW1 soft AC (&)  
 Maryville: WGAP 95.7 FC to hot AC "Mix 95.7"



**Tennessee:**

Minor Hill: WEUP 92.1 NC to 2.6 kW, 479', GX  
 Morristown: WMXK 95.9 FC to clas. country (&)  
 Nashville: WKDF 103.3 adds Rick & Bubba (from  
 Birmingham's WYSF 94.5)  
 Oak Ridge: WOKI 100.3 adds John Boy & Billy  
 Selmer: WOXO 105.5 CX CP for 6 kW  
 Tazewell: WCTU 94.1 FC to Radio 1 country (&)  
 Tusculum: WSMG103.1 FC to soft AC

**TEXAS:**

Ballinger: KKCN 103.1 CC (ex KCSE), FC to  
 country  
 Bishop: KFLZ 106.9 CX CP for 104.9 - A  
 Borger: KAVO 91.5 PC> 310 w.  
 Brownfield: KPBB 88.5 LC  
 Clarendon: KEFH 99.3 NO-GX (2<sup>nd</sup>), PG< 44 kW  
 (h), 522 ft.  
 Coleman: KSTA 107.1 PC> 25 kW, 213 ft.  
 Comanche: KOXZ 94.3 NW, to be Real Country (&)  
 due on the air in March  
 Corsicana: KDXX 107.9 FC to regional Mexican //  
 KDXX-AM  
 Crockett: KIVY 92.7 adds Real Country (&)  
 Denver City: KAWY 97.5 NO-RX  
 Eastland: KVMX 96.7 reported SI  
 Eden: \*\*\* 104.5 PA: add class A  
 Edna: KGUL 96.1 LC  
 Flower Mound: KMEQ 96.7 CC (ex KNKI) "Cameo"  
 Ft. Worth: KLTY 94.1 correcting last month, they  
 still remain at 100 kW / 1590 ft.  
 Goliad: KHMC 95.9 PC> 25 kW, 321 ft, DA, C3  
 Granbury: KDXT 106.7 FC to regional Mexican //  
 KDXX-AM  
 Gregory: KKPN 104.5 LC  
 Hondo: KRBH 98.5 NO-GE  
 Huntsville: KUST 99.7 LC  
 Katy: K201EU 88.1 NS-250w: KCZO 92.1  
 Lamesa: KBKN 91.3 CC (NS)  
 Lometa: KACQ 101.9 FC to Radio 1 country (&)  
 Lubbock: KONE 101.1 inc. to 883 feet  
 XC: 33-26-31 / 101-52-40  
 Marshall: KZEY 103.9 adds Doug Banks  
 Mt. Pleasant: KPXI 100.7 OSA to C3, PG< 8.1 kW,  
 571 ft, XG: 32-09-07 / 95-03-27, CL: Overton,  
 Texas  
 Palacios: \*\*\* 98.3 PA: add class A  
 Palestine: KYFP 89.1 PG> 25 kW, 420 ft, DA  
 C2, XG: 32-00-13 / 95-43-06  
 Paris: KBUS 101.9 GA: to 104.3 - C2  
 Pittsburg: KSCN 96.9 CC (NS)  
 Plainview: KKYN 103.9 adds WW1 country (&)  
 Quanah: KIXC 100.9 FC to Radio 1 country (&)  
 Port Arthur: KTJM 98.5 CC (ex KHYS) "The Jam"  
 Sanger: KTPW 89.9 CC (ex KBVJ)  
 Seadrift: KMAT 105.1 NO-GE (4<sup>th</sup>)

**Texas:**

Springtown: KMQC 89.1 CC (ex KTPW)  
 Sterling City: KCSE 96.5 CC (ex KCCN) "Sunny"  
 Sulphur Springs: KSCH 95.9 CC (ex KDXXE), FC to  
 country  
 Tahoka: KMMX 100.3 XC: 33-26-31 / 101-52-40  
 Victoria: \*\*\* 104.3 XA to add class A

**UTAH:**

Ephraim: KAGJ 89.5 RA with alternative (license  
 reinstated by the FCC)  
 Levan: KBLN 91.1 CC (NS)  
 Moab: KCYN 97.1 NW, country  
 Randolph: KAIO 102.3 CC (NS)  
 Richfield: KRFD 97.5 CC (ex KSGI)  
 Roosevelt: KXRQ 94.3 LC  
 Spanish Fork: KOSY 106.5 PC> 45 kW, 2758 ft.

**VERMONT:**

St. Johnsbury: WCKJ 90.5 NO-GE (3<sup>rd</sup>)  
 St. Johnsbury: \*\*\* 100.3 PA: add class A  
 Woodstock: WCKP 91.7 CC (NS)

**VIRGINIA:**

Chester: WDYL 101.1 CX CP for 93.1, 1350w,  
 492 ft, XC  
 Deltaville: WSRV 92.3 LC  
 Emporia: WJYA 89.3 NW, cont. Christian // WJYJ  
 90.5  
 Front Royal: WFQX 99.3 FC to rock "The Fox"  
 Mt. Jackson: WSIG 96.9 CX CP for 25 kW, 240'  
 Petersburg: WPLZ 99.3 FC to R&B oldies  
 Sweet Briar: WUDZ 89.9 QC from 91.5, now class  
 A, 100w, 194', XC: 37-33-19 / 79-04-51  
 Vinton: WZZI 101.5 FC to modern rock  
 (Roanoke)  
 Warrenton: WXNC 107.3 NO-RE  
 Warrenton: WUPP 94.3 PC< 2 kW, 574 ft,  
 XC: 38-44-31 / 77-50-07

**WASHINGTON:**

Chehalis: KACS 90.5 CX CP for 187 ft.  
 Dayton: KZZM 102.3 GA: to 101.9, C2, Weston,  
 Oregon  
 Ellensburg: KCSH 88.9 PG< 380w, 548 ft,  
 XG: 47-10-02 / 120-45-50  
 Ephrata: KULE 92.3 QC from 95.9, PC> 26 kW,  
 672 ft, now C2, XC: 47-18-18 / 119-35-53  
 Mabton: KLES 98.7 OSA to C3, 5.8 kW, 679'  
 Omak: KQWS 90.1 LC  
 Seattle: KZOK 102.5 NC to 58 kW, GE (4<sup>th</sup>)  
 Yakima: KFFM 107.3 inc. to 1512 ft, XG: 46-38-  
 26 / 120-23-45  
 Yakima: KYPL 91.1 dec. to 748 ft.

**WEST VIRGINIA:**

Danville: WZAC 92.5 FC to Radio 1 country (&)  
 Elkins: WBHZ 91.9 LC  
 Grafton: WTBZ 95.9 FC to Radio 1 country (&)  
 Huntington: WTCR 103.3 adds Nashville Nights  
 New Martinsville: \*\*\* 92.3 GA: add class A  
 New Martinsville: \*\*\* 99.5 GA: add class A  
 Princeton: WKOY 100.9 PG< 520w, 1063 ft,  
 XG: 37-15-05 / 81-11-20



**WISCONSIN:**

Adams: WDKM 106.1 FC to Radio 1 country (& Ashland: \*\*\* 102.9 PA: add class A  
 Berlin: WBZJ 102.3 FC to Radio 1 Country (& Madison: WORT 89.9 CX for XC  
 Marathon: WKQH 104.9 FC to classic rock  
 Menomonie: WMEQ 92.1 NC to 18 kW, 699', RE  
 Merrill: WMZK 104.1 PC > 24 kW, 617 ft.  
 Milwaukee: WLUM 102.1 FC to rock  
 Neenah: WROE 94.3 FC to soft AC // WLTM  
 Nekeosa: WXEC 93.9 NO-GE (5<sup>th</sup>), XG: 44-13-19 / 89-51-13  
 Stevens Point: WSPT 97.9 FC to modern AC  
 Washburn:\*\*\* 104.7 PA: add class A

**WYOMING:**

Casper: KHOC 102.5 inc. to 1860 ft, XG: 42-44-37 / 106-18-31  
 Ethete: KWRR 89.5 NO-GE (4<sup>th</sup>)  
 Glendo: KUUY 100.1 OSA to C1, 55 kW, 456 ft, XG: 42-46-13 / 105-13-21  
 Green River: KFRZ 92.1 LC  
 Pine Bluffs: KASX 105.3 NO-RE  
 Thermopolis: KBIK 101.7 CC (NS)

**N. MARIANNA ISLANDS:**

Garapan: KBLB 101.1 CC (NS)  
 Garapan: KWAW 100.3 CC (ex KPXH)

**PUERTO RICO:**

Carolina: WVOZ 107.7 NC to 12 kW, 2758', RE  
 Mayaguez: WRUO 88.3 NW, info / variety // WRTU  
 Vieques: WSAN 98.9 QG to 98.3 - A, PG < 760w, 1958 ft, DA, XG: 18-16-44 / 65-51-12, CL: Las Piedras, PR

**VIRGIN ISLANDS:**

Charlottesville: WVGN 107.3 NO-GX



CANADA

**ALBERTA:**

High Level: CFKX 106.1 CC (NS) "Kicks Country"  
 Hinton: \*NS 94.5 xtr of C1SN 103.9 wanted  
 Hinton: \*NS 99.3 xtr of CFMI 101.1 wanted.  
 The power on both of these would be 7.4 w  
 Medicine Hat: CFMY 96.1 QC from 1390, now 100 kW, CC (ex CJCY), SG "My 96"

**BRITISH COLUMBIA:**

Big White Mtn: CILK1 103.9 NW, AC // CILK-FM  
 Big White Mtn: CKBL1 ? changes primary station from CKBL to CHSU (call change should then follow)  
 Granisle: CHFI- 99.9 NW, 1 watt relay  
 Granisle: C1SN- 100.5 NW, 1 watt relay  
 Granisle: CJFW 101.9 NW, 1 watt relay  
 Whistler: CFOX-1 92.3 NW, rock // CFOX 99.3



**MANITOBA:**

Cranberry Portage: \*NS 96.9 18w wanted // CINC  
 Churchill: \*NS 102.1 new station wanted to be // WJCG (see below)  
 Ft. Alexander: CINC ? deleted translator here (area now covered by CICY Selkirk)  
 St. Theresa Pt: CINC- 93.5 NW, 35.8w relay  
 Thompson: CINC 96.9 new xtr granted, 17.6w

**NEW BRUNSWICK:**

Grand Sault: CIXX 93.5 CC (NS) "K-93"

**NORTHWEST TERRITORIES:**

Cambridge Bay: \*NS 101.9 110w wanted // CFFB  
 Kugluktuk: \*NS 101.9 110w wanted // CFFB

**ONTARIO:**

Cornwall: CJSS 101.9 wants 101.9 - 3 kW  
 Lafontaine: CFRH-3 101.9 NO-CX-DE (due to power increase at primary)  
 Midland: CFRH-2 101.9 NO-CX-DE (due to power increase at primary)  
 Paris: \*NS 90.7 4 kW, // CBL 99.1  
 Penetanguishene: CFRH 101.9 QG to 88.1, PG > 4,493 watts  
 Perkinsfield: CFRH-1 101.9 NO-CX-DE (due to power increase at primary)  
 Sarnia: CKTY 1110 QG to 106.3 - 35 kW  
 S. Baymouth: \*NS 89.9 0.08 w, for ferry service information to Tobermory (April - November)  
 Tobermory: \*NS 89.9 0.08 w, for ferry service information to S. Baymouth (April - November)  
 Toronto: CISS 92.5 FC to CHR "Power 92"

**QUÉBEC:**

Rouyn-Noranda: CKRN 1400 wants 95.7 with 26.1 kW (already has CP for 98.3 w/862 w)  
 St-Hyacinthe: CFEI 106.5 PG > 3 kW  
 Trois-Pistoles: CIBM-2 104.9 PC > 183 w.

**SASKATCHEWAN:**

Big River 1<sup>st</sup> Nation Reserve: \*NS 95.7 NS-38watts, relaying CJRL-FM



MEXICO

**CHIHUAHUA:**

Cd. Juarez: XHH 100.7 SG "Magia Digital"

**COAHUILA:**

Cd. Acuña: XHHAC 100.7 SG "La Suavecita"

**GUERRERO:**

Atoyac: XHAYA 100.9 SG "Estereo Sol"

**QUINTANA ROO:**

Cancun: XEYI 93.1 NW, "Mix"

**TABASCO:**

Villahermosa: XHSAT 90.1 "Radio AICR"

**VERACRUZ:**

Coatzacoalcos: XHOM 107.9 NW, "Estereo Amistad"  
 Orizaba: XEEP 100.3 NW, "Estereo Amistad"

**PIRATE WATCH:**

♦ **NEWARK, DE.** A 95.3 has been noted in this town, with about 10 watts, and fair audio quality. Mostly 70's rock and R&B music, on what sounds like just a 5 disk CD changer hooked up to a transmitter.

♦ **PALM BEACH GARDENS, FL.** The FCC has shut down yet another pirate in South Florida, according to the Feb. 10<sup>th</sup> *M Street Journal*. (See FCC Report CI-99-6). No frequency, format, or power are currently available. In this case, the U.S. Marshals and U.S. Attorney's office seized the offending equipment.

♦ **LANCASTER, PA.** A Spanish language pirate has been noted here, with mostly speaking (or yelling), and not music, on 106.3. Signal could be about 200 watts, as it gets out over 12 miles. This is on the air frequently. Thanks to Dan Oetting for these items!

• There has been a development on the DAB front. Recently, most major broadcasters had aligned themselves with USA Digital's technology for this field. However, Lucent Digital Radio has unveiled what they are terming "Multi-Streaming" DAB technology. The greatest bragging point of this new version of DAB is a coverage area that should rival that of current analog stations. An initial concern about DAB was how it suddenly "drops out" when the signal drops below a threshold, not producing very large coverage areas. This would be a dramatic change to the gradual fade-outs we are used to while moving farther away from a station. A DAB station sounds "perfect", but then immediately vanishes. The new technology handles this problem, and works on AM as well as FM. Lucent is offering DAB broadcasters royalty-free licenses for this system, to be tested later in the year.

• The Branson Country Music Network ceased operations on January 31<sup>st</sup>. This affected several stations, especially in Arkansas & Missouri, but also some affiliates in other parts of the country. Look for new formats for all of their affiliates (though most are sticking with country, from other satellite services, especially Radio 1)

• The FCC is also working on another proposal to allow some AM stations to use FM translators at night. Most AM-only radio operations are in favor of this, of course. Nothing finalized yet.

• Another major Notice of Proposed Rulemaking has been released by the FCC,

regarding low power FM, or "LPFM". This would not be the final step in the process, but here is what has happened so far: There would be two, or three new FM station classes created: *LP-1000*: A low power station with ERP of 1 kW, and antenna height of 60 meters, with a service radius of about 8.8 miles. These stations would be bound by "most of all of the rules applicable to full-power broadcasters." *LP-100* stations would have an ERP of 100 watts at 30 meters, with a service radius of 3.5 miles. Most service rules would not apply to these stations. Finally, in this rulemaking, the FCC is also proposing a *Microradio* class, which would have an ERP of 1 to 10 watts, 30 meter antenna height, and a service radius of 1 to 2 miles. Another stipulation for all three classes is that current station licensees could not own any of the new class stations, or even operate one with a LMA. A few additional answers from the FCC: *How will competition for one frequency be handled?* Currently the plan is to use an auction, but alternatives are being sought out, as this process might not be the best way to encourage diversity, because it would price smaller groups out of the market. *Is there a limit on ownership?* Yes, one station per market, and perhaps 5 to 10 nationally. The LPFM signals could not be used to translate a full-power station. *Is anyone eligible?* Probably. *M Street* notes that even very unpopular groups such as the KKK would be eligible for a license under the current rules. *What would be the commercial status of the stations?* Yet to be determined. The commission is awaiting public input before a decision in this area. There is quite a bit of concern about how this proposal could affect existing full power stations. The FCC promises to investigate this fully. They are planning to protect full-power stations from co-channel and adjacent channel interference from LPFMs, but possible not from second-channel. (i.e. An LPFM could exist on 102.1, where there is a full power 102.5 in existence). This obviously could be a very important rule-making for FM DXers, and the future of the FM band in general, so I'll certainly keep you posted on any other developments in this area. Jim Thomas also sends in an interesting URL on this topic that he stumbled upon: <http://www.concentric.net/~radiotv/> This is a very pro-LPFM site, but contains very interesting information. It also claims that the FCC is offering "amnesty" to first time pirate-radio offenders, and is willing to consider applications by those persons for LPFMs. There is a lot of good technical information on this page, as well as a link to the FCC's official site regarding the low power FM issue: <http://www.fcc.gov/mmb/prd/lpfrm>

• More updates on the LPFM situation ... The February 10<sup>th</sup> *M Street Journal* describes a table of potential LPFM allocations for major metro markets. I am not sure if this is available on the FCC website (<http://www.fcc.gov>) but it would sure be interesting to look at! This release illustrated just how many possible LPFM's could result from the new proposal, and thusly, how much FM DXing could change. As has been described elsewhere, I see negatives and positives to this: On the plus side, there are many more interesting trop and skip



targets for the DXer. However, it also means more locals to get around. Hopefully, their lower power will mean they will not be as bad as a full-power local, unless you are right on top of them. As a listener, not a DXer, I hope it could also mean more variety of programming options to choose from on my FM dial! (rather than endless stations running very similar formats, IMHO). Anyway, depending on how the final interference criteria are determined, Las Vegas could receive 21 new LP-1000 class stations, 13 in San Antonio, and 11 in Phoenix. Markets that already very crowded would not be affected as severely, as New York has no new LP-1000 slots, and Houston has only 5, for example. As far as LP-100 outlets, there is room for many more. Nashville could get as many as 37 new FMs, 36 for Columbus, Ohio, and 40 for San Antonio! Certainly, at that power, these could not cover these whole cities, so for the DXer, it would be like getting 40 semi-locals, not locals. The NAB has been fighting the proposal, citing interference concerns, and also the possibility that having so many stations could negatively impact In-Band On-Channel DAB development. There will certainly be more to come on this issue!

• Note the application for a translator at Churchill, Manitoba above. Cyril Paul Freudland has applied to translate WJCG Monee, Illinois (Moody Bible Institute) in that Canadian town. This would be, if granted, the first time a Canadian translator of a U.S. station was licensed. However, barring, a CRTS policy change, this one will likely be denied.

• Jacor will soon debut a regional country programming network for Ohio, called "Buckeye Country Network". The programming will inate at WCOL 92.3, in Columbus. WBKI

106.5 Greenville-Dayton has already signed up to simulcast this nighttime service, but Jacor expects perhaps a half-dozen more affiliates in the Buckeye State. They are also looking at trying the same thing out west, with a regional oldies format, programmed out of Las Vegas.

• Thanks to Shawn Axelrod for forwarding an item on the AMFMTVDX list server from CKVN 106.3 in Winnipeg (a "Special Events" frequency station). This notice mentioned plans by CBC to start a new nationwide network, called "Radio 3", to debut by the end of the year 2000. CBC wants the 106.3 frequency in Metro Winnipeg for the new service. If this full power service was granted, CKVN would have to seek a new frequency. More information on CKVN can be found at <http://www.mts.net/~ckvnfm>

• David Cox sends an item from the 2/11/99 *Birmingham News (Ala.)* regarding a new station on the air in that city. WQEM 101.5 (Columbiana, AL) has applied to the FCC to allow repositioning of its tower closer to Birmingham. The station was expected to be on the air in six months. The frequency is licensed to Capstar Communications, which also owns WERC 960, WMJJ 96.5, WOWC 102.5, and WQEN 103.7 in that market. The similarity of the WQEN & WQEM calls has prompted speculation on a possible simulcast of these two stations, but GM Bill Thomas refused to discuss plans for WQEM, other to say it would be on the air in a few months. With WQEN 103.7 located in Gadsden, north of Birmingham, and WQEM 101.5 south of Birmingham, one has to wonder if a simulcast is indeed what is in the works.

• We all heard about the election of former pro-wrestler Jesse "The Body" Ventura as the new governor of Minnesota. Well, one of the early proposals of this conservative-libertarian governor is to eliminate all funding to the well-known Minnesota Public Radio Network. *M Street*, however, notes that state aid now only accounts for about 2% of MPR's operating budget, thanks to a very successful for-profit direct marketing effort.

Recall that MPR has many affiliates around the state (in "two" networks, like Wisconsin) and even has stations in neighboring states such as South Dakota, Wisconsin, and Iowa.

- WFCN 100.5 FM Duluth/Superior
- KOCLC 91.1 FM La Crescent/La Crosse
- KNOV 91.1 FM Minneapolis/Saint Paul
- KCCD 90.3 FM Moorhead/Fargo
- KZSE 90.7 FM Rochester
- KNSR 88.9 FM St. Cloud/Collegeville
- KONGA 91.5 FM St. Peter/Mankato
- KNTN 102.7 FM Thief River Falls

• The format change above at WVTY 96.1 Pittsburgh (hot AC "Mix 96.1") is "hot off the press", sent to me by Jeff Kitsko just before deadline. Jeff notes the station has undergone many format changes in this decade, beginning as "Gold 96" and oldies as WHTX (calls the station had since before 1977), then WVTY from 1992-1997, a/c "Variety 96". In 1997 the station changed to Modern AC "The River", which has only lasted two years. No word yet on a call letter change to reflect the "Mix" slogan. The station has also carried the Pittsburgh Steelers

on occasion (and may pick them up again, now that WEAE AM 1250 is changing to a Disney format). Jeff believes that 96.1 is now relocating to Greentree, with two other Chancellor stations in town: WXDX 105.9 and WDVE 102.5. WJJJ 104.7 and WWSW 94.5 are also owned by Chancellor, but are located at Allegheny Center on the North side of Pittsburgh.

• Thanks to Doug Smith, for LPFM and Canadian information, and Fernando Garcia, for information on new Mexican stations!



## 1998 FINANCIAL REPORT

Prepared by Dave Janowiak, Comptroller

Opening Balance as of January 1, 1998 ----- \$3,986

Receipts:  
 Revenue from dues and sample sales: \$7,909  
 Interest 96  
 Total Income \$8,005

Expenses:  
 Publishing (10/97 - 12/98) \$7,305  
 Miscellaneous (stamps, memberships, post office box rental, subscriptions, nsf checks, photo work): 495  
 Total Expenditures \$7,800

Operating Margin (receipts minus expenses) \$ 205

Closing Balance as of December 31, 1998 ----- \$4,191

(NOTE: In 1998, the WTFDA showed an operating margin of \$205. this was significant because publishing expenses were for 16 months (August 1997 through December 1998) rather than 12.)

# STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records, States Stats and Personal Best Statistics of FM/TV DXers.

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1/30/99

ALL-TIME FM DISTANCE RECORDS

1/30/99

ALL-TIME FM DISTANCE RECORDS

1

MHZ	PR	CALL	LOCATION	MILES	DXEF	ST
86.1	ES	WCRP	FR GUAYAMA	2280	DBU	OK
86.1	TR	KLON	CA LONG BEACH	2480	SRETHI	HI
86.1	MS	WPAR	NC CLAREMONT	1326	DAL	CO
86.1	AU	CBAP29	PE CHARLOTTE TOWN	791	DNI	IN
86.3	ES	WININ	IN EVANSVILLE	1872	JJE2	CA
86.3	TR	KPAC	TX SAN ANTONIO	1040	MJE	FL
86.3	MS	WRBH	LA NEW ORLEANS	1106	DNI	IN
86.3	AU	WININ	IN EVANSVILLE	947	DAL	CO
86.4	ES	TGRY	GU GUATEMALA	1136	GHA	TX
86.5	ES	WHCF	ME BANGOR	1965	PDY	TX
86.5	TR	KGED	CA SAN FRANCISCO	2367	SRETHI	HI
86.5	MS	WFDD	NC WINSTON-SALEM	1181	GHA	TX
86.5	AU	WAMU	DC WASHINGTON	634	JEB	MN
86.7	ES	KFGG	TX CORPUS CHRISTI	2029	MCH	BC
86.7	TR	KPAC	CA SANTA BARBARA	2417	SRETHI	HI
86.7	MS	WHA	WI MADISON	1080	GHA	TX
86.7	AU	WHA	WI MADISON	684	FMC	ND
86.8	ES	TGRY	GU GUATEMALA	1148	PDY	TX
86.9	ES	WSHA	NC RALEIGH	2069	FAD	IN
86.9	TR	KXLU	CA LOS ANGELES	2491	SRETHI	HI
86.9	MS	WMBW	TN CHATTANOOGA	1122	DAL	CO
86.9	AU	WMBW	TN CHATTANOOGA	745	FNO	NY
86.9	ES	YSR1	ES SAN SALVADOR	1246	PDY	TX
86.1	ES	HL	DR SANTO DOMINGO	1967	FME	IL
86.1	TR	WUFT	FL GAINESVILLE	978	PDY	TX
86.1	MS	WBSN	LA NEW ORLEANS	1106	DNI	IN
86.1	AU	KMUW	KS WICHITA	861	RBR	MI
86.2	ES	XEJT	MEX TAMPICO	974	GHA	OK
86.3	ES	WONE	WI GREEN BAY	1812	JJE4	CA
86.3	TR	WRTP	FL GOULDS	1066	SWIT	TX
86.3	MS	WKKW	WI CHILTON	1168	GHA	TX
86.3	AU	WCAL	MN NORTHFIELD	712	SCH	ON
86.4	ES	TGD	GU QUETZALT	1168	GHA	TX
86.5	ES	XHME	MEX PUERTO VALLARTA	1560	JJE4	CA
86.5	TR	XHME	MEX PUERTO VALLARTA	3241	SRETHI	HI
86.5	MS	KENW	NM PORTALES	1072	RST	IN
86.5	AU	WPKN	CT BRIDGEPORT	798	ABO	IL
86.6	ES	TGDX	GU GUATEMALA	1136	GHA	TX
86.7	ES	WUSF	FL TAMPA	2396	JJE2	CA
86.7	TR	KSGN	CA RIVERSIDE	2640	SRETHI	HI
86.7	MS	KGCC	TX DENISON	1131	LVO	VA
86.7	AU	WGBH	MA BOSTON	974	ABO	IL
86.9	ES	WFCT	FL JACKSONVILLE	1629	FMC	ND
86.9	TR	KBNL	TX LAREDO	1032	CHOTFL	TX
86.9	MS	WTLR	PA STATE COLLEGE	948	MHA	NE
86.9	AU	WHSA	WI BRULLE	478	FMC	ND
86.9	ES	YSU	ES SAN SALVADORE	1233	GHA	TX
90.1	ES	KPFT	TX HOUSTON	2001	MNI	BC
90.1	TR	KCBX	CA SAN LUIS OBISPO	2383	SRETHI	HI
90.1	MS	WMBI	IL CHICAGO	1063	GHA	TX
90.1	AU	KSJR	MN COLLEGEVILLE	767	SCH	ON
90.3	ES	KKED	TX CORPUS CHRISTI	1568	FNO	NY
90.3	TR	XHPVA	MEX PUERTO VALLARTA	3241	SRETHI	HI
90.3	MS	WHLA	WI HOLMEN	1091	GHA	TX
90.3	AU	WBCL	IN FT WAYNE	704	FMC	ND
90.5	ES	WSMC	TN COLLEGE DALE	2057	JJE2	CA
90.5	TR	KHSU	CA ARCATA	2374	SRETHI	HI

MHZ	PR	CALL	LOCATION	MILES	DXEF	ST
90.5	MS	KXCV	MO MARYVILLE	985	FNO	NY
90.5	AU	CBXA	NS HALIFAX	1026	FME2	OH
90.7	ES	KWMU	MO ST LOUIS	1724	JJE2	CA
90.7	TR	KPFK	CA LOS ANGELES	2491	SRETHI	HI
90.7	MS	KDTD	TX PLAINVIEW	1350	WHE	ON
90.7	AU	KWMU	MO ST LOUIS	850	JFE	NJ
90.9	ES	KCMW	MO WARRENSBURG	1534	JJE	CA
90.9	TR	KCBI	TX DALLAS	962	JOC	FL
90.9	MS	CBX	AT EDMONTON	1170	JJE2	CA
90.9	AU	KUNI	IA CEDAR FALLS	589	FMC	ND
91.1	ES	JBC-2	JAM COOPER'S HILL	1953	JPI	JNM
91.1	TR	XETRA	MEX TIJUANA	2536	SRETHI	HI
91.1	MS	KSJN	MN ST PAUL	1123	GHA	TX
91.1	AU	KANZ	KS GARDEN CITY	841	KPU	AL
91.3	ES	WIPR	PR SAN JUAN	1806	CHC	OK
91.3	TR	WTHS	FL MIAMI	1148	JJE2	CA
91.3	MS	CKUA	AT DRUMHELLER	1055	JJE2	CA
91.3	AU	WENY	NY SYRACUSE	530	RBR	MI
91.5	ES	RJR	JAM ORACABESSA	1953	JPI	JNM
91.5	TR	WJYO	FL FT MYERS	968	SWIT	TX
91.5	MS	WHMD	WI SURING	1219	GHA	TX
91.5	AU	WRPI	NY TROY	512	FME	IL
91.7	ES	WIPR	PR RHINELANDER	1752	JJE4	CA
91.7	TR	XHQL	MEX MONTERREY	1101	CHC	FL
91.7	MS	KOSU	OK STILLWATER	1055	WHE	ON
91.7	AU	KRSW	MN WORTHINGTON	859	DNI	IN
91.9	ES	WSJU	IL CARBONDALE	1748	JPI	CA
91.9	TR	KCSB	CA SANTA BARBARA	2417	SRETHI	HI
91.9	MS	KQSD	SD LOWRY	1029	KPU	AL
91.9	AU	WSJU	IL CARBONDALE	741	FMC	ND
92	ES	XEBJ	MEX CD VICTORIA	873	GHA	OK
92.1	ES	CJAJ	AT CALGARY	1766	DNI	IN
92.1	TR	CKY	MB WINNIPEG	842	FME	IL
92.1	MS	WJGA	GA JACKSON	929	SGR	IA
92.1	AU	WYXE	WI SUN PRAIRIE	260	ABO	IL
92.15	ES	CMBC	CUB HABANA	1289	GHA	OK
92.3	ES	WDBO	FL ORLANDO	1743	FMC	ND
92.3	TR	KKBT	CA LOS ANGELES	2491	SRETHI	HI
92.3	MS	WVAE	MI DETROIT	1176	DAL	CO
92.3	AU	KLIQ	OR PORTLAND	1017	FMC	ND
92.5	ES	HIDG	DR SANTO DOMINGO	1967	FME	IL
92.5	TR	XHRM	MEX TIJUANA	2536	SRETHI	HI
92.5	MS	KAFM	TX DALLAS	1466	JJE	CA
92.5	AU	WNHE	OH TOLEDO	749	FMC	ND
92.7	ES	WNCF	FL STUART	1503	BELZ	MN
92.7	TR	WZZR	FL STUART	1070	SWIT	TX
92.7	MS	CJRX	ON LONDON	647	KPU	AL
92.7	AU	KBRX	NE ONEILL	426	FMC	ND
92.9	ES	WSCD	MN DULUTH	1644	JJE	CA
92.9	TR	XHMZO	MEX MANZANILLO	3458	SRETHI	HI
92.9	MS	KITY	TX SAN ANTONIO	1251	CHC	OK
92.9	AU	WVNY	VT BURLINGTON	841	ABO	IL
93.1	ES	KAMA	TX EL PASO	1804	DNI	IN
93.1	TR	KOGD	CA LOS ANGELES	2491	SRETHI	HI
93.1	MS	CKHJ	NB FREDERICTON	1307	KPU	AL
93.1	AU	XHAAA	TM REYNOSA	918	KPU	AL
93.2	ES	XHQQ	MEX MONTERREY	1385	RBR	MI

MHZ	PR	CALL	LOCATION	MILES	DXEF	ST
93.2	TR	XHQQ	MEX MONTERREY	274	GHA	TX
93.3	ES	KPLV	TX PORT LAVACA	1533	WNI	NJ
93.3	TR	KZQZ	CA SAN LUIS OBISPO	2383	SRETHI	HI
93.3	MS	KYKR	TX PORT ARTHUR	1195	PSA	ON
93.3	AU	WBBW	OH YOUNGSTOWN	860	JEB	MN
93.5	ES	KRRZ	OK ALTUS	1515	CBE	NY
93.5	TR	KFOZ	CA REDONDO BEACH	2480	SRETHI	HI
93.5	MS	WKRY	FL KEY WEST	1100	RST	IN
93.5	AU	KWMS	NE COLUMBUS	452	JEB2	MN
93.7	ES	WJIT	PR SAN JUAN	2263	RCC	OK
93.7	TR	KDB	CA SANTA BARBARA	2417	SRETHI	HI
93.7	MS	WCCM	MA LAWRENCE	1501	RCC	OK
93.7	AU	KWYR	SD WINNER	652	ABO	IL
93.9	ES	KILO	CO COLORADO SPRINGS	1835	ECC	MA
93.9	TR	KXLA	CA LOS ANGELES	2491	SRETHI	HI
93.9	MS	WWVL	FL MIAMI BEACH	1306	SCH	ON
93.9	AU	KKLS	SD RAPID CITY	838	ABO	IL
94	ES	XET	MEX MONTERREY	1382	JEB	MN
94.1	ES	WOYE	PR MAYAGUEZ	2263	RBT1A	IA
94.1	TR	KPSD	CA SAN DIEGO	2531	SRETHI	HI
94.1	MS	KBTO	TX BEAUMONT	1192	PSA	ON
94.1	AU	KCKN	KS KANSAS CITY	881	DNI	IN
94.3	ES	KVFM	CA SAN FERNANDO	1510	DMO	IA
94.3	TR	KKIF	CA GARDEN GROVE	2603	SRETHI	HI
94.3	MS	WGMX	FL MARATHON	1272	DAL	CO
94.3	AU	WPRE	WI PRAIRIE DU CHIEN	777	DAL	CO
94.5	ES	KELT	TX HARLINGEN	2110	MCH	BC
94.5	TR	KELT	TX HARLINGEN	934	CHOTFL	TX
94.5	MS	KTSP	MN ST PAUL	1113	PDY	TX
94.5	AU	WKLQ	MI GRAND RAPIDS	1047	DAL	CO
94.7	ES	KAMX	TX LULING	1746	SSO	MA
94.7	TR	KAPT	TX LULING	919	CHOTFL	TX
94.7	MS	KGRW	TX FRIGNA	1379	WHE	ON
94.7	MS	KSET	TX EL PASO	1160	ABO	IL
94.7	AU	WPTF	NC RALEIGH	512	FME	IL
94.8	ES	TGDX	GU GUATEMALA	1136	GHA	TX
94.9	ES	WINZ	FL MIAMI BEACH	1948	FMC	ND
94.9	TR	WINZ	FL MIAMI BEACH	1152	GHA	TX
94.9	MS	WPCH	GA DECATUR	1342	FMC	ND
94.9	AU	KGGG	IA DES MOINES	628	DAL	CO
95	ES	ZFB	BER HAMILTON	1374	RBR	MI
95.1	ES	KRGO	CO COLORADO SPGS	1575	NOI	MD
95.1	TR	KFRD	CA SAN BERNARDINO	2547	SRETHI	HI
95.1	MS	WLST	WI MARINETTE	1146	RSA	TX
95.1	AU	KICT	KS WICHITA	651	RBR	MI
95.3	ES	KUIC	CA VACAVILLE	1895	KPU	AL
95.3	TR	KWBR	CA PISMO BEACH	2383	SRETHI	HI
95.3	MS	CKDS	ON HAMILTON	696	KPU	AL
95.3	AU	CKDS	ON HAMILTON	378	SRE	CT
95.4	TR	XHDZ	MEX TAMPICO	491	GHA	TX
95.5	ES	WQV	FL FT PIERCE	1619	FMC	ND
95.5	TR	KLOS	CA LOS ANGELES	2491	SRETHI	HI
95.5	MS	KDCK	KS DODGE CITY	1195	JJE2	CA
95.5	AU	WHPE	NC HIGH POINT	804	SCH	ON
95.7	ES	WFID	PR RIO PIEDRO	1852	DNI	IN
95.7	TR	KKH	CA SAN FRANCISCO	2367	SRETHI	HI
95.7	MS	KOYN	CA TWENTYNINE PALMS	2028	DHA	ON

MHZ	PR	CALL	LOCATION	MILES	DXEF	ST
95.7	AU	KROA	NE GRAND ISLAND	788	KPU	AL
95.9	ES	WMOA	WI MINOCQUA	1752	JJE4	CA
95.9	TR	KKOS	CA CARLSBAD	2527	SRETHI	HI
95.9	MS	KEYE	TX PERRYTON	1076	WHE	ON
95.9	AU	KIDL	MN FARIBAULT	477	FMC	ND
96.1	ES	KEZF	ID IDAHO FALLS	1633	MSI	TN
96.1	TR	KSLY	CA SAN LUIS OBISPO	2383	SRETHI	HI
96.1	MS	KID	ID IDAHO FALLS	1224	PDY	TX
96.1	AU	WKLS	GA ATLANTA	588	RBR	MI
96.3	ES	WBBM	IL CHICAGO	1842	JJE2	CA
96.3	TR	KSFG	CA LOS ANGELES	2491	SRETHI	HI
96.3	MS	WMYQ	FL MIAMI	1056	ABO	IL
96.3	AU	WJUR	MI DETROIT	542	JEB	MN
96.5	ES	WMOB	PR FAJARDO	1998	ABO	IL
96.5	TR	KVXY	CA SAN DIEGO	2531	SRETHI	HI
96.5	MS	KQTR	MO KANSAS CITY	1264	PGE	MA
96.5	AU	WTC	CT HARTFORD	565	FME	IL
96.7	ES	KHFI	TX GEORGETOWN	1477	JFE	NJ
96.7	TR	KWIZ	CA SANTA ANA	2505	SRETHI	HI
96.7	MS	WBDK	WI ALGOMA	832	JZO	OK
96.7	AU	WJOL	IL JOLIET	349	JEB	MN
96.9	ES	CBUF3	BC TERRACE	1546	DAL	CO
96.9	TR	WINK	FL FT MYERS	1037	PDY	TX
96.9	MS	WCOZ	KY LEXINGTON	1113	DAL	CO
96.9	AU	WLAY	MI GRAND RAPIDS	1047	DAL	CO
97.1	ES	WFOZ	GA GAINESVILLE	2140	JJE2	CA
97.1	TR	KLSX	CA LOS ANGELES	2491	SRETHI	HI
97.1	MS	KWEH	AR CAMDEN	1076	SCH	ON
97.1	AU	WCCW</				

MHZ	PR	CALL	LOCATION	MILES	DXFST
96.6	ES	TGHR	GU GUATEMALA	1503	JPI-JNM
96.7	ES	KMGO	IA CENTERVILLE	1568	JJE2 CA
96.7	TR	KYSR	CA LOS ANGELES	2491	SRE1 HI
96.7	MS	KMML	TX AMARILLO	1125	JJE4 CA
96.7	AU	WBFG	MI DETROIT	536	MBU-CY
96.9	ES	KUT2	TX LAMPASAS	1509	WNI- NJ
96.9	TR	KSRY	CA SAN FRANCISCO	2357	SRE1 HI
96.9	MS	CIZL	SK REGINA	1173	RST- IN
96.9	AU	WSPA	SC SPARTANBURG	552	RBR- MI
99.1	ES	KCLV	NM CLOVIS	1580	FNO- NY
99.1	TR	KQFM	CA SANTA MARIA	2388	SRE1 HI
99.1	MS	WQBR	FL JACKSONVILLE	1188	JEB- MN
99.1	AU	KBVM	ID IDAHO FALLS	608	FMC- ND
99.3	ES	WKCN	FL FT MYERS	1594	DAL- CO
99.3	TR	KMXX	CA IMPERIAL	2625	SRE1 HI
99.3	MS	WEDR	FL MIAMI	1199	DHA- ON
99.3	AU	WAWE	IN CROSSVILLE	298	ABO- IL
99.5	ES	WDMG	GA DOUGLAS	2280	JJE2 CA
99.5	TR	KKLA	CA LOS ANGELES	2481	SRE1 HI
99.5	MS	WGAY	DC WASHINGTON	1382	FMC- ND
99.5	AU	WKDQ	KY HENDERSON	568	JEB- MN
99.7	ES	XHPF	MEX CD ACUNA	1815	MBU-CY
99.7	TR	KFR	CA SAN FRANCISCO	2357	SRE1 HI
99.7	MS	WAMI	MS JACKSON	1177	MBU-CY
99.7	AU	KFMH	IA MUSCATINE	757	DAL- CO
99.9	ES	KTSM	TX EL PASO	1670	RSE- NY
99.9	TR	KTYD	CA SANTA BARBARA	2477	SRE1 HI
99.9	MS	KTQM	NM CLOVIS	1069	JJE2 CA
99.9	AU	KGOR	NE OMAHA	698	KPU- AL
100.1	ES	XHJT	MEX TAMPICO	1482	MS11 NC
100.1	TR	WEEJ	FL PORT CHARLOTTE	1019	PDY- TX
100.1	MS	CBXR	AT LEITHBRIDGE	946	JJE2 CA
100.1	AU	WIVE	VA ASHLAND	564	RBR- MI
100.3	ES	KTEX	TX BROWNSVILLE	1596	GCO- NY
100.3	TR	KTXF	TX BROWNSVILLE	928	CHO- FL
100.3	MS	KSFI	UT SALT LAKE CITY	1844	KRI- NY
100.3	AU	WZEN	IL ALTON	712	SCH- ON
100.5	ES	KSPX	NM ROSWELL	1735	JFE- NJ
100.5	TR	KBOR	TX MIRANDO CITY	913	MS12 FL
100.5	MS	WKFK	MI CARROLLTON	1141	DAL- CO
100.5	AU	WWKI	IN KOKOMO	692	FMC- ND
100.7	ES	WUSY	TN CLEVELAND	2054	JJE2 CA
100.7	TR	KFMB	CA SAN DIEGO	2531	SRE1 HI
100.7	MS	WMJR	FL FT LAUDERDALE	1260	GHAZ OK
100.7	AU	KGBI	NE OMAHA	554	FMC- ND
100.9	ES	KJCO	CO YUMA	1453	NDI- MD
100.9	TR	WPGA	GA PERRY	946	SWIT TX
100.9	MS	WALX	AL SELMA	923	JEB- MN
100.9	AU	RQAD	MN LIVERNE	408	FMC- ND
101.1	ES	CFMI	BC NEW WESTMINSTER	1827	RBR- MI
101.1	TR	KRTH	CA LOS ANGELES	2491	SRE1 HI
101.1	MS	KCKK	UT KANAB	1482	RST- IN
101.1	AU	WMZU	MO CARROLLTON	843	SCH- ON
101.3	ES	WVHR	VA HAMPTON	1482	FMC- ND
101.3	TR	KSTT	CA LOS OSOS	2375	SRE1 HI
101.3	MS	WSUE	MI SAULT STE MARIE	834	KPU- AL
101.3	AU	WEZO	NY ROCHESTER	1207	FMC- ND

MHZ	PR	CALL	LOCATION	MILES	DXFST
101.5	ES	WKES	FL ST PETERSBURG	1533	FMC- ND
101.5	TR	KGB	CA SAN DIEGO	2531	SRE1 HI
101.5	MS	CFMP	ON PETERBOROUGH	801	KPU- AL
101.5	AU	KSL5	KS LIBERAL	832	KPU- AL
101.7	ES	KYLO	OK TAHLEQUAH	1435	JPI1 CA
101.7	TR	KSOX	TX RAYMONDVILLE	936	CHO- FL
101.7	MS	NONE	NON-	0	-----
101.7	AU	WKZQ	SC MYRTLE BEACH	529	RSM- NJ
101.9	ES	WCIB	MA FALMOUTH	1576	FMC- ND
101.9	TR	KLIT	CA GLENDALE	2491	SRE1 HI
101.9	MS	KQXT	TX SAN ANTONIO	1050	RST- IN
101.9	AU	WRIG	WI WAUSAU	803	FMC- ND
102.1	ES	KLYX	TX HOUSTON	1506	JPI1 CA
102.1	TR	KIOZ	CA OCEANSIDE	2525	SRE1 HI
102.1	MS	KWES	TX MONAHANS	1158	JJE2 CA
102.1	AU	KFWD	TX FT WORTH	692	ABO- IL
102.3	ES	KPEZ	TX AUSTIN	1495	RSH- NJ
102.3	TR	KULH	CA COMPTON	2480	SRE1 HI
102.3	MS	KRCQ	MI DETROIT LAKES	983	KPU- AL
102.3	AU	WWSR	VT ST ALBANS	656	RBR- MI
102.5	ES	WTSP	FL ST PETERSBURG	1414	BEL2 MN
102.5	TR	XHLN	MEX TIJUANA	1506	SRE1 HI
102.5	MS	KDVL	ND DEVILS LAKE	1134	KPU- AL
102.5	AU	WBEN	NY BUFFALO	731	JEB- MN
102.7	ES	KORD	WA RICHLAND	1912	KPU- AL
102.7	TR	KIIS	CA LOS ANGELES	2491	SRE1 HI
102.7	MS	KCY5	WA RICHLAND	1018	GHAZ NM
102.7	AU	KORD	WA RICHLAND	850	FMC- ND
102.9	ES	WCCO	MN MINNEAPOLIS	1157	JJE2 CA
102.9	TR	KCLX	CA SAN DIEGO	2531	SRE1 HI
102.9	MS	KMGC	TX DALLAS	1274	SCH- ON
102.9	AU	WBOS	WI MILWAUKEE	473	SCH- ON
103.1	ES	COBQ	ON COBOURG	1511	PDY- TX
103.1	TR	KBJZ	CA SANTA MONICA	2476	SRE1 HI
103.1	MS	WFKZ	FL PLANTATION KEY	1122	RST- IN
103.1	AU	KJAM	SD MADISON	360	FMC- ND
103.3	ES	WDDV	FL BRADENTON	1524	DAL- CO
103.3	TR	KRUZ	CA SANTA BARBARA	2477	SRE1 HI
103.3	MS	KNTD	TX WICHITA FALLS	1346	JJE- CA
103.3	AU	WVEE	GA ATLANTA	548	FMC- ND
103.5	ES	KEY1	TX SAN MARCOS	1646	MBU-CY
103.5	TR	KOST	CA LOS ANGELES	2481	SRE1 HI
103.5	MS	KXNP	NE N PLATTE	1141	JJE4 CA
103.5	AU	KEY1	TX SAN MARCOS	1006	RST- IN
103.7	ES	WWEZ	VA RICHMOND	1494	JPI- JNM
103.7	TR	KQVJ	CA SAN DIEGO	2531	SRE1 HI
103.7	MS	KVIL	TX DALLAS	1274	SCH- ON
103.7	AU	KIKK	IA DAVENPORT	642	SCH- ON
103.9	ES	KUDD	IA SPIRIT LAKE	1448	JJE4 CA
103.9	TR	KACE	CA INGLEWOOD	2484	SRE1 HI
103.9	MS	CKWE	PQ MANIWAKI	1514	JTH- CO
103.9	AU	KKXK	AR LITTLE ROCK	926	GCO- NY
104.1	ES	KRBE	TX HOUSTON	1506	JPI1 CA
104.1	TR	KBOX	CA LOMPOC	2388	SRE1 HI
104.1	MS	KUJO	MN ST LOUIS PARK	1107	PDY- TX
104.1	AU	WKYI	IN EVANSVILLE	580	JEB- MN
104.3	ES	WKTC	NC TARBORO	1485	JPI- JNM

MHZ	PR	CALL	LOCATION	MILES	DXFST
104.3	TR	KBIG	CA LOS ANGELES	2491	SRE1 HI
104.3	MS	WOMC	MI DETROIT	983	FMC- ND
104.3	AU	WOMC	MI DETROIT	745	FMC- ND
104.5	ES	WEAT	FL W PALM BEACH	1896	FMC- ND
104.5	TR	XELTN	MEX TIJUANA	2536	SRE1 HI
104.5	MS	KEXL	TX SAN ANTONIO	1103	RBR- MI
104.5	AU	WWST	OH WOOSTER	641	JEB- MN
104.7	ES	WYKX	MI ESCANABA	1866	JJE4 CA
104.7	TR	KBEY	CA GARBESVILLE	2361	SRE1 HI
104.7	MS	KIOV	SD SIOUX FALLS	898	SCH- ON
104.7	AU	KIOV	SD SIOUX FALLS	524	ABO- IL
104.9	ES	KYUF	TX LUVALDE	1404	JJE4 CA
104.9	TR	KRFQ	CA ROHNER PARK	2528	SRE1 HI
104.9	MS	KTCH	NE WAYNE	941	DN1- NY
104.9	AU	WFZO	MS IUKA	761	GCO- NY
105.1	ES	KEAN	TX ABILENE	1489	WHE- ON
105.1	TR	KKGO	CA LOS ANGELES	2491	SRE1 HI
105.1	MS	WYOR	FL CORAL GABLES	1147	RSA- TX
105.1	AU	WSON	OH SALEM	587	JEB- MN
105.3	ES	KONA	WA KENNEWICK	1902	KPU- AL
105.3	TR	KCBQ	CA SAN DIEGO	2531	SRE1 HI
105.3	MS	WLTS	LA SLIDELL	1166	FNO- NY
105.3	AU	WDAS	PA PHILADELPHIA	611	RBR- MI
105.5	ES	WRAR	VA TAPPANHANNOCK	1430	FMC- ND
105.5	TR	KNC	CA LONG BEACH	2480	SRE1 HI
105.5	MS	WMTN	TN SPARTA	740	JEB- MN
105.5	AU	WXEZ	OH SYLVANIA	280	ABO- IL
105.7	ES	KRSE	WA YAKIMA	1975	KPU- AL
105.7	TR	KSTV	TX STEPHENVILLE	961	CHO- FL
105.7	MS	KOZZ	NV RENO	1405	JEB- MN
105.7	AU	KXEL	IA WATERLOO	593	FMC- ND
105.9	ES	KKWA	MN WADENA	1484	JJE4 CA
105.9	TR	WAXY	FL FT LAUDERDALE	1146	GHA- TX
105.9	MS	KQIZ	OK HOBART	1354	FNO- NY
105.9	ES	KKWA	MN WADENA	1484	JJE4 CA
105.9	TR	KBPI	CO DENVER	695	JEB- MN
106.1	ES	WKGO	MD CUMBERLAND	1445	JPI- JNM
106.1	TR	KWSP	CA SANTA MARGARITA	2388	SRE1 HI
106.1	MS	KLOO	OR CORVALLIS	459	JJE- CA
106.1	AU	KDNT	TX DENTON	650	ABO- IL
106.2	ES	VSB	BER HAMILTON	1055	DN1- NY
106.3	ES	KYOO	MO BOLIVAR	1557	JJE2 CA
106.3	TR	KYMS	CA SANTA ANA	2505	SRE1 HI
106.3	MS	KPAN	TX HEREFORD	1105	JJE2 CA
106.3	AU	KVWO	WY CHEYENNE	949	RBR- MI
106.5	ES	WSFL	NC BRIDGETON	1652	FMC- ND
106.5	TR	KKLC	CA SAN DIEGO	2531	SRE1 HI
106.5	MS	WQLR	MI KALAMAZOO	1048	DAL- CO
106.5	AU	WDLB	WI MARSHFIELD	591	FMC- ND
106.7	ES	WYAY	GA GAINESVILLE	2140	JJE2 CA
106.7	TR	KROQ	CA PASADENA	2489	SRE1 HI
106.7	MS	WVWV	MI DETROIT	861	GHAZ OK
106.7	AU	KAZY	CO DENVER	695	JEB- MN
106.9	ES	KINRO	TX CONROE	1489	JPI1 CA
106.9	TR	X777	MEX ENSENADA	2550	SRE1 HI
106.9	MS	WKXX	AL BIRMINGHAM	956	JPI- JNM
106.9	AU	WSWT	IL PEORIA	557	FMC- ND
107.1	ES	CIBM	PO RIVIERE DU LOUP	1864	DAL- CO

MHZ	PR	CALL	LOCATION	MILES	DXFST
107.1	TR	KBAX	CA FALLBROOK	2536	SRE1 HI
107.1	MS	WAOA	FL MELBOURNE	879	RST- IN
107.1	AU	NONE	NON-	0	-----
107.3	ES	WWBA	FL ST PETERSBURG	1749	FMC- ND
107.3	TR	KOSZ	CA GROVER CITY	2382	SRE1 HI
107.3	MS	WWBA	FL ST PETERSBURG	1091	PSA- ON
107.3	AU	WEOL	OH ELYRIA	614	JEB- MN
107.5	ES	KWAX	CO LAKEWOOD	1519	FNO- NY
107.5	TR	KLVE	CA LOS ANGELES	2491	SRE1 HI
107.5	MS	KNOK	TX FT WORTH	1296	SCH- ON
107.5	AU	KPPL	CO LAKEWOOD	696	JEB- MN
107.7	ES	WGNA	NY ALBANY	1650	PDY- TX
107.7	TR	WMSF	FL MT DORA	594	SWIT TX
107.7	MS	KWIC	TX BEAUMONT	1192	PSA- ON
107.7	AU	KKSS	MO ST LOUIS	661	FMC- ND
107.9	ES	WFSI	MD ANNAPOLIS	1423	PDY- TX
107.9	TR	KWVE	CA SAN CLEMENTE	2518	SRE1 HI
107.9	MS	KWLY	TX EDINBURG	1081	ABO- IL
107.9	AU	WALR	IL AURORA	804	MBU-CY

DXER INITIALS-NAME	DXER LOCATION	ST	DXER INITIALS-NAME	DXER LOCATION	ST
ABC- ANDY BOOM	CHARLESTON	IL	KRF- KURT RICHARDSON	SYRACUSE	NY
BELZ- BRUCE ELYMS	DULUTH	GA	LVO- LARRY VOGT	SPRINGFIELD	VA
CBE- CHARLES BERTH	EASTPORT	NY	NBO- BOB BOGAL	ENFIELD	CT
CHO- CARLON HOWINGTON	UNIONTOWN	OH	MIC- MIKE CHERRY	GANGES	BC
CHO- CARLON HOWINGTON	ST PETERSBURG	FL	MIC- MIKE HAWK	OMAHA	NE
DAL- DOUG ALLEN	WOODLAND PARK	CO	MIC- MIKE JEZORSKI	CRESCENT BEACH	FL
DBU- DANNY BUNTING	STILLWATER	OK	MIC- MATT TITTEL	VANCOUVER	BC
DRK- DRUCE HALL	BRANTFORD	ON	MIC- MATT TITTEL	KINGSFORD	NY
DMC- DENNIS MIDE	AMESBURG	IA	MIC- MATT TITTEL	RALPH	NC
DMF- DAVID WHELAN	AKRON	OH	MSZ- MATT SITTTEL	YALAHASSEE	FL
ECC- ERNEST COOPER	PROVINCETOWN	MA	ND- NEIL DICKERSON	SHARPTOWN	MD
FAD- FRANK ADEN	BEMO	OH	POY- PAT OYER	SAN ANTONIO	TX
FAD- FRANK ADEN	BOISE	ID	PBE- PETER GEORGE	BROCKTON	MA
FMC- FRED MCCORMACK	DES LACS	ND	PSA- PETER SAWATZKY	WATERLOO	ON
FMC- FRED MCCORMACK	PANGU	NO	RBR- RUSS BROWN	ST JOSEPH	MO
FMC- FRANK MERRILL	MILAN	MI	RBR- ROBERT BROWN	AMES	IA
FMC- FRANK MERRILL	MACOMB	MI	RBR- ROBERT BROWN	OKLAHOMA CITY	OK
FMC- FRANK MERRILL	TOLEDO	OH	RSA- RICK SAMFORD	BURNETT	TX
FMC- FRED NORDQUIST	CLAY	NY	RSE- ROBERT SEYBOLD	DUNKIRK	NY
GCD- GREG CONIGLIO	WILLIAMSVILLE	NY	RSH- RICK SHAFLEY	SPARTA	NJ
GHA- GLENK HAUSER	VON ORMY	TX	RSH- BOB SHOCKAREK	HIGH BRIDGE	NJ
GHAZ- GLENK HAUSER	ENID	OK	RST- RALPH STROBEL	MUNICH	IN
GHAZ- GLENK HAUSER	ALBUQUERQUE	NM	RWZ- RICHARD WOOD	MEDICINE HAY	NY
JCO- JOHN COMBS					



# Southern FM DX

John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099 - jpzondlo@aol.com  
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, WV and Mexico

 **Doug Smith**

1385 Old Clarksville Pike - Pleasant View, TN 37146-8098  
w9wi@bellsouth.net CST

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


### 1/22 Gw (note #1)

0000 KJMS 101.1 TN Memphis, "Smooth 101.1" & local ads 190  
0115 WVRV 101.1 IL East St. Louis, "FM 101 The River," local talk 234

0119 unID 101.1 ?? ??, "Reality Radio 101.1," religious adult contemporary mx, WFMH-Alabama?

### 1/27 Tr

0746 KABF 88.3 AR Little Rock, annmnt of local Gospel concerts 322  
0805 WOKK 97.1 MS Meridian, "97 OKK" 295  
0815 WJDQ 101.3 MS Meridian, "Q-101," local talk 296

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

McIntosh MR-80 (digital display w/analog tuning), APS-14 antenna (the 196" baby bird perch) @ 30' off the ground, Channel Master rotor

### 11/17 Ms

1010 XHNVG 104.9 CH Nuevo Casas Grandes, calls, "La Saborcita" (previously reported as XHMC Mexicali... the calls are rather similar)

### 1/13 Es

1950 CFMM 99.1 SK Prince Albert, "100% Canadian... Power 99" 1306  
1954 CFQC 92.9 SK Saskatoon, ID 1225  
2017 CFMC 95.1 SK Saskatoon, "All Hits C-95" 1225  
2033 CJSR 88.5 AB Edmonton, "Another CJSR scoop..." 1148

### 1/15 Es

1947 XHSBT 99.5 CI San Buenaventura, Que buena, Cuauhtemoc & San Buena references 995  
1955 XHNVG 104.9 CI Nuevo Casas Grandes, calls "La Saborcita" (same annmnt as on 11/17)

28

2019 XHUSS? 92.3 SO Hermosillo, Latino mx o/KSJO  
2014 XHGON? 92.9 SO Ciudad Obregon, Latino mx o/KFGY

Notes: underlined are new to the Diablo Region, dashed underlines are new mode. XHNVG may have set a record for speed in getting its second reception mode. When I edited the November tapes, I sure thought I heard "XHMC," but on review it's clearly "XHNVG" - and the "La Saborcita" unID made it obvious I had not only the same station, but the same recorded message! The Ms signal, incidentally, was superior to the Es signal at the critical moment (but the Es brought in a minute or so of Latino music reasonably clearly before the announcement). I'm pretty certain of XHUSS & XHGON since channel 2 had a Mexican baseball playoff game (Mexicali vs???) going with "Tecate" displayed frequently on the scoreboard and channel 4 had then 4-5 deep co-channel bars typical of XHBS Los Mochis, Sinaloa. Tecate is in Sonora, and I suspect it was the game site. XHGON was quite strong to get through KFGY; XHUSS seems quite weak.

Glenn Lavender - 2025 Cass Way #16 - Sarasota, FL 34231 - EST

Yet another move, now to a horrible DX QTH - multipath galore, streetlight QRN and a local TV station just a half mile away. Still, a few scant short DX tropo/extended Gw loggings:

### 12/29 Tr

0320 WSGL 103.1 FL Naples, MoR mx, fair  
0515 WOMX 105.1 FL Orlando, Top 40, "Mix 105.1"  
0601 WAOA 107.1 FL Melbourne, "W-A-1-A" ID  
0614 WQBA 98.3 FL Miami, SS, QTH, ID  
0622 WLDI 95.5 FL Fort Pierce, "The new Wild 95.5"

0630 WGYL 93.7 FL Vero Beach, ID, poor levels  
0631 WZZR 92.7 FL Stuart, "ZZR"  
0640 WPCV 97.5 FL Lakeland, k  
0642 WKGR 98.7 FL Fort Pierce, classic r, "KGR"  
0651 WPAW 99.7 FL Vero Beach, "Panther Country"  
0702 WFLM 104.7 FL White City, legal ID, QTH, "The Flame"

That's it. Poor tropo season here so far. Maybe some slow-moving high pressure systems will show up, or some fog. Til then, best of DX to the rest of you. 73, Glenn.

Check out

FM DX Web

<http://members.aol.com/fmdxweb>

# Southern FM DX



John Zondlo  
4009 Driftwood Circle  
Yukon, OK 73099  
jpzondlo@aol.com  
CST

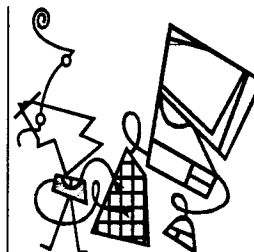
Akai AT-VO4 tuner (modified with 2 150 kHz IF filters), Channel Master Stereo Probe 9 antenna. All new.

### 1/26 Tr

0857 KAVX 91.9 TX Lufkin, "A Voice for Christ" 336  
0909 KGAS 104.3 TX Carthage, Swap Shop 303  
0926 KSIZ 102.3 TX Jacksonville, CCM 282  
0936 KZEY 103.9 TX Marshall, blk Gospel 281  
1000 KCXY 95.3 AR East Camden 310

### 2/8 Tr

0822 KTTG 96.3 AR Mena, ads 208  
0854 KCES 102.5 OK Eufaula, x-102.3 123  
0919 KYLA 106.7 LA Homer, "LA - Country" 326



From the Editor

Hope the early tropo bodes well for the coming year. I remember 1994 starting off with a good February trop opening down to the Permian Basin (Midland/Odessa TX). Would be nice if this is a precursor to such a season!

Thanks for your support of SFM!

# NORTHERN FM DX

## MARCH 1999

**DEADLINE:** The 5<sup>th</sup> of the month before publication  
**LOG CUTOFF:** 4 months from postmark  
**COLUMN REPORTING AREA:** See map to the right (also includes Europe & Asia)



A small column this month, although it still features an interesting Cape Cod-North Carolina duct noted by Steven Solomon. Steve also cashed in on the high meteor scatter activity of November. For most of the beginning of this year, winter weather patterns have precluded any major Tropo openings, other than a few in the Midwest. If you've had DX, let us know about it!

### STEVEN SOLOMON - 31 VERNON ST. #4 - HYANNIS, MASSACHUSETTS 02601

Equipment: Yamaha T-85 w/5 modified f filters (Has digital fine tuning to .01 MHz), Antenna: Channel Master 4408 w/rotator at 20 feet, Internet: cool102@capecod.net

### OCTOBER 18, 1998 TR

1700 {WQJZ} 97.1 MD Ocean Pines, "Smooth Jazz 97.1", jazz  
1937 WRSF 105.7 NC Columbia, Dixie 105.7  
1939 WBNJ 105.5 NJ Cape May Courthouse  
1943 WCXL 104.1 NC Kill Devil Hills, CHR, "Beach 104"  
1947 WRAL 101.5 NC Raleigh, Mix 101.5, a/c (nice catches!-grc) 640  
2018 WQDR 94.7 NC Raleigh, k 640

### NOVEMBER 1998 DX

#### 16 MS

2350 CHOZ 94.7 NF St. John's Oz-FM 1075

#### 17 MS

0115 WDEC 94.7 GA Americus, "Mix 94.7" 1075  
0145 WCSX 94.7 MI Birmingham 700  
1225 WENS 97.1 IN Shelbyville, AC 875  
1232 WHRK 97.1 TN Memphis, K-97 1200  
1255 WXCM 97.1 KY Hawesville, 97-X 975

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# WESTERN TV-DX

March 1999

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

This report is for January 1999. Our southern-California tropo to San Diego/Tijuana (up to 200 mi/320 km) existed occasionally somewhat, due to stable calm and only occasional stormy periods. There were no storms/precip. at all from early Dec to Jan 19, but during that time, sometimes air-pressure changes resulted in offshore breezes which dispersed what inversion layer there was.

Dec 31: Variably fair-poor  
 Jan 1-2: Variably poor/fair  
 Jan 3: Poor, going to none  
 Jan 4: None  
 Jan 5: Very poor  
 Jan 6-7 am: Fair  
 Jan 7 eve: Poor  
 Jan 8-11 am: Variably poor  
 Jan 12-21: None (out of town 15-18, rain 19-20)  
 Jan 22-23: Very poor & deteriorating  
 Jan 24-28: None (series of rain storms)  
 Jan 29-30: Very poor & deteriorating  
 Jan 31: None (rain)

While in Wasco Jan 15-18, on Jan 15 there was some Es, though I didn't take full advantage of it. There were slight indications of it starting 1758 PST on ch 2, but then I left the house and came back 1938 with ch 2 ABC 20/20 and Odessa ads (KMID Midland, apx 1050 mi), the only ID. MUF went to ch 5 at 1950 (Spanish soccer). QRM was noted on ch 5, image/harmonic from local 2-way or CB IDing as "186" talking to Phoenix AZ. Also noted 6-meter ham on ch 2 with slightly finer herringbone than if it had been adj-ch TV QRM, so perhaps apx 53 MHz. The TV skip disappeared soon after that.

Best of DX to All Dennis.

Fernando Garcia, San Salvador 415, Rincon de la Sierra 67181 Cd Guadalupe, NL, MEXICO

Sony KV-27EXR15, Screened CM 7'dish 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.

January 5		CST
1300 KXTX	39 TX Dallas	518
January 6		
0600 KFWD	52 TX Fort Worth	522
1930 KDTX	58 TX Dallas	518
January 7		
0600 KDFI	27 TX Dallas o/u KLDO	518

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

	KDAF	33 TX Dallas	518
0645	KXAS-DT	41 TX Forth Worth	O/KWEX
2030	KHSX	49 TX Irving	518
	KPXD	68 TX Arlington	518
2100	KETK	56 TX Jacksonville	532
January 8			
0215	KTXA	21 TX Fort Worth	518
	KJTL	18 TX Wichita Falls	598
0230	KADN	15 LA Lafayette	586
	WVLA	33 LA Baton Rouge	633
	KLPB	24 LA Lafayette	567
0600	K26DL	26 TX Wichita Falls	TBN 577
	K47DK	47 OK Grandfield	598

January 10			
0645	WLAE	32 LA New Orleans test pattern	694
	WGNO	26 LA New Orleans	694
0700	WNOL	38 LA New Orleans	694
	WLPB	27 LA Baton Rouge	638
	WPAN	53 FL Fort Walton B.	869
	WUPL	54 LA Slidell	705
	WMAH	19 MS Biloxi	770
0715	WPXL	49 LA New Orleans	688
	WPMI	15 AL Mobile	838
	WMPV	21 AL Mobile	842
	WLTZ	38 GA Columbus	1036
	WFXL	31 GA Albany	1066
0745	WHBR	33 FL Pensacola	838
	WXXV	25 MS Gulfport	764
0900	WXTX	54 GA Columbus	1037
0930	WGMB	44 LA Baton Rouge	633
	K56DR	56 LA Baton Rouge	TBN 633

January 11			
2200	Lafayette	LA	586

January 12			
0530	KVHP	29 LA Lake Charles	530
	WMAU	17 MS Bude	697
0545	WTXL	27 FL Tallahassee strong	1031
	WTWC	40 FL Tallahassee	1030
	KAJN-LP	40 LA Lafayette	586
0600	WOGX	51 FL Ocala	1123
0615	WTLH	49 GA Bainbridge	1029

		rare over WPXL and KPXB	
	WHNO	20 LA New Orleans	688
	WEIQ	42 AL Mobile	825
0630	WFSG	56 FL Panama City	929
0645	WBHS	50 FL Tampa	1116
	WTTA	38 FL St. Petersburg	1116
	W36AC	36 MS Mccomb TBN	710
	WATL	36 GA Atlanta	1104
	K46DG	46 LA Lafayette	KLAF 587
	WAPT	16 MS Jackson	754
0700	WGBC	30 MS Meridian	834
	WIIQ	41 AL Demopolis	877
0715	WGIQ	43 AL Louisville	987
	WMPN	29 MS Jackson	747

## Western TV DX F. Garcia's report continues

	WACS	25 GA Dawson	1041
		rare over KAVU and WXXV	
	KLTL	18 LA Lake Charles	548
	WMDN	24 MS Meridian	834
0730	K55HA	55 LA New Iberia	596
	K69HD	69 LA Church Point	586
	WUPA	69 GA Atlanta	1100
	WSB-DT	39 GA Atlanta	
0745		turning dish to north	
	KAUT	43 OK Oklahoma City	706
	KOKH	25 OK Oklahoma City	703
		had to leave	

January 13			
0700	Mobile	AL	838
January 14			
1045	Dallas	TX	518

January 15			
		Baton Rouge	LA 638
January 16			
0015	KLAX	31 LA Alexandria	618
0030	Jackson	MS	754
0600	K49DE	49 LA New Iberia	TBN 596

January 17			
0615	Baton Rouge	LA	638
0630	KMPX	29 TX Decatur	537

January 18			
0600	K35EU	35 TX Corpus Christi	224
		SS music videos, with KTMV-LP CH 8	
2200	K30EM	30 LA Houma	644
		Fort Walton B. FL	869

January 19			
0145	KWBJ-LP	39 LA Morgan City	618
	K59DG	59 LA New Orleans	TBN 688
0400	KFXK	51 TX Longview	557
0415	WVUE	8 LA New Orleans	693
	WYES	12 LA New Orleans	693
	WAFB	9 LA Baton Rouge	638
	K66FI	66 LA Opelousas	TBN 599
0615	KFAM-LP	65 LA Crowley	572

		Family Vision	
	KLAF-LP	62 LA Opelousas	600
0645	K52EV	52 LA Leesville	574
		w/WNTZ-48 FOX	
	KBTR-LP	19 LA Baton Rouge	642
		America's Voice	

	K46CR	46 LA Baton Rouge	VJN 645
0715	WAWD	58 FL Fort Walton Beach	TV 897
	K51EC	51 LA Lake Charles	TBN 532
0730	WFGX	35 FL Fort Walton B.	892
1930	WDBD	40 MS Jackson	754
	KLPA	25 LA Alexandria	619
2100	KARD	14 LA West Monroe	659
	WCFT	33 AL Tuscaloosa	924

January 20			
0200	WGNX	46 GA Atlanta	1104
0215	KLDT	55 TX Lake Dallas	544
0230	WHSB	63 GA Monroe	1119
1815		unid ch 40 TNT Laredo hdn, logged frequently.	
1945	WJSU	40 AL Anniston	992

	WXVT	15 MS Greenville	794
2000	KMSS	33 LA Shreveport	615
	KLTS	24 LA Shreveport	616
2200	KASN	38 AR Pine Bluff	772

January 21			
0315	Atlanta	GA	1104
	WIAT	42 AL Birmingham	969
	WTTO	21 AL Homewood	969

January 22			
0030	New Orleans	38 LA	694
January 24			
2145	WTVK	46 FL Naples	1153
	WZVN	26 FL Naples	1153
	WFTX	36 FL Cape Coral	1142
2200	WWWB	32 FL Lakeland	1135

January 25			
0000	WFTS	28 FL Tampa	1116
	WBBH	20 FL Fort Myers	1144
	WGCU	30 FL Fort Myers	1144
0030	WRXY	49 FL Tice	1142
	WFLX	29 FL West Palm Beach	1238
	WXEL	42 FL West Palm Beach	1238
0345	WKCF	18 FL Clermont	1192
	WRBW	65 FL Orlando	1192

0400		unid ch 58 SS music videos n hdn	
0430	WACH	55 FL Leesburg	1180
	WOPX	56 FL Melbourne	1189
	WTGL	52 FL Cocoa	1200
0445	WWSB	40 FL Sarasota	1108
	WUSF	16 FL Tampa	1116
0545	WSCV	51 FL Fort Lauderdale	1242
	WBFS	33 FL Miami	1242

0600	KMCT	39 LA West Monroe	679
0615	WTOG	44 FL St. Petersburg	1116
1930	WAMI	69 FL Hollywood	1242
	WBZL	39 FL Miami	1243
	WMFE	24 FL Orlando	1191
2000	WPXP	66 FL Bradenton	1115
	W67BY	67 FL Fort Myers	TBN 1143
	WHFT	45 FL Miami	1244
	WJAN-LP	41 FL Miami	1230
	WPXM	35 FL Miami	1237
	WFGC	61 FL Palm Beach	1248

2015	W56CN	56 FL Venice w/WWWB-32	1106
	W58BU	58 FL Hallandale NBC-6	1243
	WOFL	35 FL Orlando	1191
	W57CJ	57 FL Fort Myers	PAX 1139
2045	WLTV	23 FL Miami	1242
	WBSV	62 FL Venice	1107
	WVEA-LP	61 FL Tampa UNIVISION	1104
	WBCC	68 FL Cocoa	1200

2115	K21DM	21 LA Lafayette	VJN 592
2130	W52BB	52 FL Big Pine	WFOR-4 CBS 1182
	W47AC	47 FL Big Pine	//ch 10 Miami 1182

The above two logs show a change on its previous programming.

January 26			
0430	WPXP	67 FL Lake Worth	1248
0445	WBSF	43 FL Melbourne	1200
	W60BK	60 FL St. Petersburg	TBN 1093
0500	WTVT	13 FL Tampa	1117
0600	KSBI	52 OK Oklahoma City	692

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**Western TV DX** *F. Garcia's report continues*

0630	KOPX	62 OK	Oklahoma City	705
0745	WCJB	20 FL	Gainesville	1121
2015	KWHB	47 OK	Tulsa	765
	WSRE	23 FL	Pensacola	857
		SAP w/NOAA wx.		
	W50CF	50 AL	Mobile	817
		w/WPAN-53 VCC		
	W68CM	68 FL	Panama City TBN	943
2030	W39BP	39 FL	Pensacola TBN	859
	W46AV	46 MS	Pascagoula TBN	783
2145	WNTZ	48 MS	Natchez	670
	WJTC	44 FL	Pensacola	842
2215	KPXJ	21 LA	Minden PAX	640
January 27				
0030	WMAW	14 MS	Meridian	807
	W29BH	29 MS	Biloxi TBN	757
0045	W52BC	52 AL	Salem TBN	928
	WSWS	66 AL	Opelika	1023
	W47BP	47 MS	Hattiesburg	766
		MS educ, //WMAH-19		
	WMCF	45 AL	Montgomery	965
	W63BK	63 MS	Meridian TBN	834
0100	WHOA	32 AL	Montgomery	929
0115	WPXX	50 TN	Memphis Worship	904
	KYPX	42 AR	Little Rock	803
0130	KLTM	13 LA	Monroe	668
	Finally got this one, now LPB stations are complete on my log book.			
0145	WLOV	27 MS	West Point	872
0215	WMAV	18 MS	Oxford	866
	WPTY	24 TN	Memphis	904
0345	WAIQ	26 AL	Montgomery	959
		63 GA		1119
0400	WABM	68 AL	Birmingham	966
	WOWL	15 AL	Florence	964
	WFIQ	36 AL	Florence	964
	WTJP	60 AL	Gadsden	998
0530	W59CF	59 AL	Russellville TBN	962
	No trace of New Orleans or Jacksonville UHF's			
0545	WZDX	54 AL	Huntsville	1025
	WHNT	19 AL	Huntsville	1028
0600	WAFF	48 AL	Huntsville	1027
	WLMT	30 TN	Memphis	901
0615	WAAY	31 AL	Huntsville	1028
	KSHV	45 LA	Shreveport	616
0630	KVTH	26 AR	Hot Springs	739
	WPGD	50 TN	Hendersonville	1102
	WUXP	30 TN	Nashville	1079
0715	WNAB	58 TN	Nashville	1068
	KVTN	25 AR	Pine Bluff	783

January 28

0300 Dallas 39 TX 518

January 29

2130 Dallas 39 TX 518

January 30

0745 Dallas 39 TX 518

This is my best month of January. Temperatures were mostly above normal. January 24-27 seemed to be springtime tropo. Best number of days for the month

of the following states

- AL 10
- FL 10
- GA 6
- MS 9
- OK 4
- TX 19

73's Fernando

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

Equipment: VHF-1998 Orion (Mod TV1318) TV. CM 1110 antenna at 41'. Belden 300 ohm cellulene with RDX Labs UA60 balun. UHF-1990 Zenith G0930Y TV. CM 7' screened dish with cat whiskers at 52' on a Rohn crankup tower. TDX Labs UA-903 (special high overload resistant preamp). 130' Jerrold RG11. Yaesu G400 RC rotor.

January 1999

02ms	0410	KDTN	2 TX	719
09ms	0435	CKCK?	2 SA TP with CTV	918
12ms	0700	CKND-2	2 MB CB w/Winnepeg	752
17tr	0200	WOAC	67 OH	417
		0255	WPGH 53 PA	491
		0320	WOIO 19 OH	401
30tr	0220	K61GE	61 MN Jackson xl KSTP-5	309
		0500	KSMV? 65 MN Appleton, Wheaton	443
		0900	KHNE 29 NE	464
			KXNE 19 NE	402
31tr	0335	KSAX	42 MN	404
		K41??	41 WCCO-4 TP	
	0400	KTSD	10 SD Pierre	566
	0410	KDSD	16 SD	509
	0430	KTTW	17 SD Sioux Falls	383
	0440	K14IN	14 MN Breezy Point	404
			(xlator KARE-11)	
	0505	K55AP	55 WI River Falls	278
			(xlator WHWC-28 with KOCB-28)	

WCCO-4 Minneapolis and a mystery station still use a TP. On January 9, a TP was seen on ch. 2 to the NW via meteor scatter at 0435 and every AM since. An old "Indian Head TP" has been resurrected with CTV substituted for the Indian head. QTH is unknown. (CKCK)? The TP has the same offset as Cedar Rapids-2. A pix was taken.

Tropo was seen mid-month to Pittsburgh (491 mi). Unusual mid-winter tropo occurred late in the month to NE, SD, and MN. Local enhancement describes tropo conditions the early AM of January 31. At 0335, a WCCO-4 TP was seen on ch. 41. Within 1 1/2 hours, five new stations were logged. VHF extended to Pierre, SD-10 (566 mi). The new stations could have been logged only on Sunday morning. KGAN-2, WREX-13, IPTV educationals, etc. were off. The

**Western TV DX** *Wm. Eckberg's report cont'd*

band resembled conditions 15 years ago.

Where is a ch. 41 translator receiving WCCO-4? Antenna heading was MN area. TV and Cable Factbook lists no ch 41 translators with a ch. 4 input. Where is a Public TV station in western MN on ch. 65? I heard Appleton, Wheaton, KSMV (close), and saw a map of SW MN. The cities and call could be any station in the network. A pix still in the camera will help.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

Tropo: No relogs under 400 miles; no LPTV relogs under 200 miles. Es: Only the most productive day of each week. Plus new loggings. Distance per Fred Nordquist's chart.

January 1999

05Es	1529	WBAY	2 WI Green Bay	892
	2002	WDTN	2 OH Dayton	735
12tr	1650	XERV	9 TAM Reynosa	513
15Es	0220	KNAZ	2 AZ Flagstaff	1045
		0320	KPHO 5AZ Phoenix	1065
16tr	0730	Valley 7,9,12	(local off),17,23	
	0820	K53FA	53 TX Houston; Valuevision	205
19tr	1420	XERV	9 TAM	513
	1550	K30EM	30 LA Houma; "HTV"	265
	1613	K55HA	55 LA New Iberia; "KLAF"	202
20tr	0455	Valley 7,9,17,23		
	0640	KGNS	8 TX Laredo	481
	2310	Valley 5,7,9,17,23,44,54		
21tr	0145	XHAJ	5 VER Las Lajas sup.calls	900
	0340	Laredo	8,11,13,27	
23Es	0105	XHTV	4	
	0235	XHFM	2 VER Veracruz	900
25tr	1510	KGNS	8 TX Laredo	481
26tr	1359	Lubbock	13,28,34	476
27tr	0145	Valley 7,9,14,17,23,54		
	0515	Pensacola, FL	23,44	410
	0535	WPAN	53 FL Ft. Walton Beach; VCC	444
	0740	Montgomery, AL	20,32	436
	0745	WIAT	42 AL Birmingham	410
	0810	WJSU	40 AL Anniston; "33/40"	468
	1350	WHIQ	25 AL Huntsville; APT	444
	1405	WNGM	34 GA Athens, Box	610
	1408	WFSG	56 FL Panama City	502
	1425	Huntsville, AL	19,31,48,54	444
	1454	Columbus, GA	28,38	512
		WJTP	60 AL Gadsden; TBN	461
	1512	WCES	20 GA Wrens; GPTV//28	663

Dave Pomeroy, 2321 SE Libra Ct. Topeka, KS 66605-3505 (785) 266-5477 <zpomer@washburn.edu>

August 20, 1998 Tropo

0530	WLKY	32 KY	Louisville	530
	WLEX	18 KY	Lexington	606
	WTVQ	36 KY	Lexington	611
0600	WNAB	58 TN	Nashville	534
	WUXP	30 TN	Nashville	520
	K64BS	64 KS	Concordia with KMBC-9 instead of KOOD-9	
	WEVV	44 IN	Evansville	445
	WICS	20 IL	Springfield	
	WXIN	59 IN	Indianapolis	507
	WLFI	18 IN	Lafayette	489
	WNWO	24 OH	Toledo	671
	WUPW	36 OH	Toledo	667
0900	WGTE	30 OH	Toledo	
	WHMB	40 IN	Indianapolis	507
	WNIT	34 IN	South Bend	
1000	WSBT	22 IN	South Bend	
	WRGT	45 OH	Dayton	609
1025	WVIZ	25 OH	Cleveland	
	WFYI	20 IN	Indianapolis	507
1200	WKOH	31 KY	Owensboro	457
	WKGB	53 KY	Bowling Green	507
	WKMA	35 KY	Madisonville	459
2305	WRSP	55 IL	Springfield	
	WXIN	59 IN	Indianapolis	
2315	WLFI	18 IN	Lafayette	
September 1, 1998 Tropo				
2200	K32BY	32 KS	Oberlin	KOOD-9
	WHSL	46 IL	E. St. Louis	
	KDNL	30 MO	St. Louis	
September 2, 1998 Tropo				
	K20BU	20 KS	Russell	KAKE-10
January 30, 1999 Tropo				
0550	WLKY	32 KY	Louisville	530
	WEVV	44 IN	Evansville	445
	KDNL	30 MO	St. Louis	
0600	KMEG	14 IA	Sioux City	
	KLJB	18 IA	Davenport	320
0800	WICS	20 IL	Springfield	
February 2, 1999 Tropo				
2200	KMEG	14 IA	Sioux City	248
2205	KDLT	46 SD	Sioux Falls	314
2300	KFAA	51 AR	Rogers	212
	KSBN	57 AR	Springdale	209
		(24,40 Ft. Smith; AR 23,41,44,47,53 Tulsa; OK 15, 42 Omaha NE strong)		
	(KDSM	17 IA	Des Moines,	
	KMIZ	17 MO	Columbia,	
	KTVG	17 NE	Grand Island and	
	KDOR	17 OK	Bartlesville, all in with rotor)	
	KRSC	35 OK	Claremore	180
February 8, 1999 Tropo				
0600	KLKE	24 NE	Albion	245

There are still some logging between September and the end of the year that I have not gotten to you yet. The best was KTLJ-22\* from Galveston, Texas at 671 miles. Others from the Houston area were in as well. Thanks to Paul Mitschler and Doug Smith this month.

## Western TV DX

Victor Frank, K6FV, 12450 Skyline Blvd, Woodside, CA 94062-4554

Equipment: 5' screened dish @ 25', 1765' AMSL. HD-73 rotor, Radio Shack preamp, Icom R-7100, TV-R7000 TV adapter.

August-November 1998 Identified (Ref. Dec 98) Video Carrier MHz, 24 531.2642 WL1624 //KTF1-64, relay, Oakland

December 1998, UTC, dist. in km 19 0430 unID 33 CA ESPN

0440 K33DJ 33 CA Salinas 70 30 0125 K55HR 55 CA Chico 283 0430 KCVU 30 CA Paradise

Fox-30 283 2327 unID 28-SS//KDTV-14

31 0235 KDTV 25 CA Santa Rosa //KDTV-14 135

1815 KREN 27+ NV Reno 297 January 1999

10 1836 unID 54 CA //KBWB-20 2242 unID 48 CA //KTSF-26

The stations on the San Jose tower were off for tower work. Seeing as both pairs of stations are 6 channels apart, it is possible these are spurs.

15 0625 KNXT 49z CA Visalia Relig. 338

January 15, KGO-DT, ch 24 was off the air and I could ID

KNVN, Chico, and KFTL-64 still. A call from Matt Tuter cleared up

the matter. They had turned off the 100 W final amplifier of the

WLI1624 translator at the Oakland Coliseum, and I was hearing

feedthrough from the 6 W exciter.

Matt also said that K55HR in Chico has filed to move to channel

28. Also on the tower at Cohasset is K020A and another WLI

intercity relay on channel 19 with a very directional vertically-polarized

antenna directed at Southfork (just east of Oroville). Looks like this is

one I detected on my Christmas trip to Portland..

SF-Portland Trip Bandscan

Equipment: UHF LPA on a PC Board in rear window, R7100 RX,

TVR-7000 TV converter. ERP is in kW. Distances are in km of furthest

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detection. Only stations north of Sacramento are listed. The trip north was on December 23, the return trip was on December 28.

K020A 2-.025 CA Chico 42 K02GT 2N.010 OR Windy Cr.14

KATU 22 1000 OR Portland 113 K03BZ 3-.019 OR Rogue R. 22

K04FL 4-.034 CA Lakeshore 8 K04EO 4N.080 OR Ashland 5

K04EY 4N.047 OR Grants Ps 20 KPIC 4+ 5.37 OR Roseburg 96

KENY 4-.038 OR Reedville 24 KOB1 5Z 60.3 OR Medford 210

KVIO 6- 100 CA Eureka 177 KOIN 6+ 100 OR Portland 164

KRCR 7Z 115 CA Redding 153 K07RQ 7+.069 OR Jacksonville 5

KOAC 7- 375 OR Corvallis 125 KFWU 8- 224 CA Ft Bragg 265

KSY5 8+ 191 OR Medford 209 KGW 8- 316 OR Portland 167

KIXE 9Z 115 CA Redding 157 KEZI 9+ 316 OR Eugene 183

KTVL 10+ 132 OR Medford 118 KOPB 10Z 316 OR Portland 231

KRXI 11Z 178 NV Reno 208 K11GH 11+.018 OR Tri-City 11

K11GT 11+3.350 OR College 63 KHSL 12-316 CA Chico 172

KDRV 12+ 191 OR Medford 157 KPTV 12Z 316 OR Portland 390

K13LO 13Z.026 CA Yreka 10 K13HM 13+.025 OR Myrtle Cr 19

KVAL 13Z 316 OR Eugene 140 K14HX 14Z.582 CA Lakehed 103

K14HA 14- 8.6 OR Roseburg 74 K14GW 14+23.7 OR Corvallis 114

K14HN 14Z 10.7 WA Vancouver 62 K15CX 15Z 19.9 CA Chico 90

K15BP 15+.068 OR Grants Ps 16 K15DS 15- 9.13 OR Newport 100

KCKA 15+ 661 WA Centralia 176 K16CX 16Z 12.0 CA Grass V. 137

K16CU 16+ 3.62 OR Phoenix 12 KMTR 16+ 1910 OR Eugene 79

K16CB 16N 13.4 OR Happy V 62 K17BA 17Z 1.19 CA Yreka 70

K18AO 18Z 2.37 CA Oroville 122 K18AN 18+ 0.62 OR Grants P 22

K18EL 18- 9.17 OR Newberg 125 WLI?? 19Z CA Chico 83

K19AD 19Z 13.4 OR Tri City 48 K19CT 19+ 28.8 WA Camas 91

K20DD 20Z 10.7 OR Albany 98 KZVU 21Z 33.2 CA Chico 160

K21BG 21+.070 OR Jacksonv 4 K21AI 21Z.28 OR Camas V 85

KRCB 22Z 67.6 CA Cotati 116 KRUV 22Z 60.0 CA Redding168

KFTS 22+ 9.33 OR KlamathF 97

KPXG 22Z 1700 OR Salem 154 KMTZ 23+ 190 OR Coos Bay 113

KNVN 24+ 5000 CA Chico 195 KNMT 24+ 2690 OR Portland 140

KDTV 25- 0.64 CA StaRosa 78 KEVU 25+ 35.5 OR Eugene 114

KGEC 26Z 37.8 CA Redding 172 KMVU 26+ 110 OR Medford 102

K26AY 26- 13.8 OR Corvallis 24 KREN 27+ 2630 NV Reno 194

K27EE 27Z 2.54 CA Ukiah 147 K27BH 27Z.077 CA L.Shastina 10

K27ER 27- 10.6 OR Salem/Dal 75 K28CY 28- .139 CA Lewiston 66

KEPB 28- 389 OR Eugene 118 K29AX 29+++634 OR Roseburg 4

K29AZ 29Z 3.9 OR Newport 91 K30DO 30+ 17.0 CA Sta.Rosa 64

KCVU 30Z 5000 CA Paradise 218 K30EH 30Z 10.7 OR Salem 70

KDKF 31Z 6.03 OR KlamathF 99 K31AE 31+ 13.6 OR Sutherlin 112

K32DY 32Z 24.5 OR Medford 95 KWBP 32Z 5000 OR Salem 125

K33CH 33Z.753 CA Lakeport 97 K33DI 33N.354 CA E Weed 42

K33AO 33+ 12.1 OR Coos Bay 74 K34DF 34Z 37.6 CA Redding 258

K34DJ 34- .984 OR Phoenix 65 K34BV 34Z.114 OR Murphy 19

KLSR 34Z 813 OR Eugene 150 K35DE 35Z .264 CA Yreka 66

K35CR 35+ 1.34 OR Tillamook 73 K36CLT 36+ .144 OR Merlin 124

KTVC 36Z 42.7 OR Roseburg222 K38CP 38- 1.30 OR Grants P 4

K38EJ 38+ .580 OR Canyonvi 53 K39EF 39Z 26.5 OR Ashland 16

K39CL 39- 0.79 OR Yoncalla 22 K40BL 40+ 1.44 OR Hugo 19

K40EG 40Z 1.13 OR Tillamook 72 K41DF 41Z 10.4 OR Eugene 71

K42DE 42Z 11.4 OR Medford 89 K43DI 43+0.35 OR Canyonvil 4

K43EJ 43- 1.13 OR Tillamook 72 K44DZ 44Z 10.5 OR KlamathF 89

K44DC 44- 0.22 OR CottageGr 6 K45ED 45Z 10.5 OR GrantsPas 3

K45CV 45Z 17.0 OR Corvallis 74 K46DR 46Z .753 CA Lakeport 74

K46DQ 46+ 1.29 CA Redding 88 K46CH 46+ .159 OR Gold Hill 20

KMTX 46Z 9.77 OR Roseburg 38 K47DV 47- 9.89 CA S Yreka 11

K47AV 47Z .845 OR CottageG 14 K48BS 48- 1.24 OR Glendale 12

K49CT 49- 3.05 CA Paradise 90 KPDX 49- 5000 WA Vancouver199

KFTY 50- 302 CA Sta Rosa 195 K65DJ 50+ 45.7 CA Redding 115

(To be continued)

## EASTERN TV DX

March, 1999

LOCAL TIME UNLESS OTHERWISE NOTED

Doug Smith, W9WI, Pleasant View, (Nashville), TN EM66

Not much here, but it's something ...

January, 1999

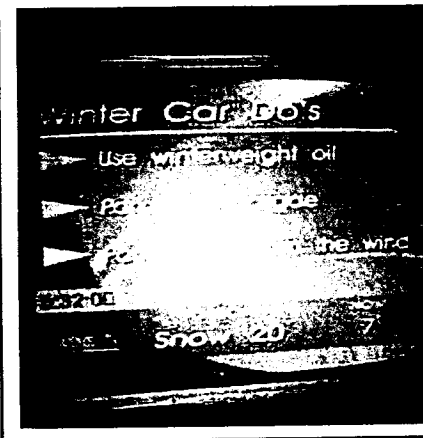
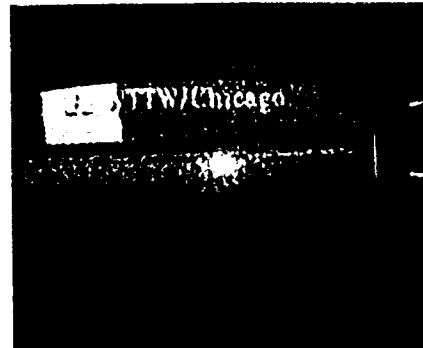
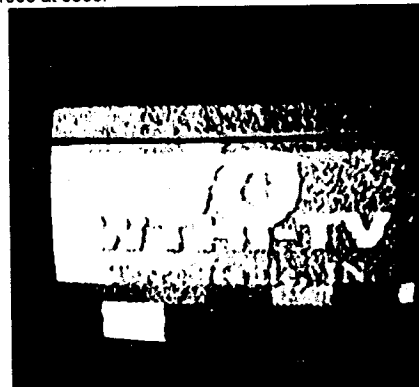
27 Tr 0730 WXXVt	15 MS Fox	
	WMAWt	14 MS PBS
2327 WLTZ	38 GA NBC,	298
	local ads	
2331 WCOV	20 AL Fox	283
	local ads	

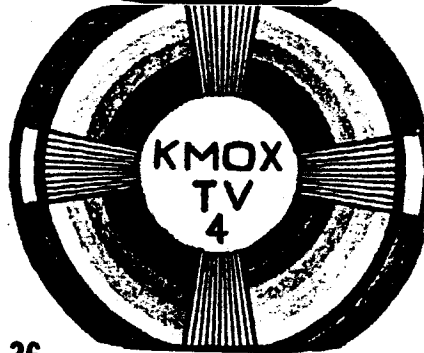
Russell Miller, HC61 Box 86B, N.Amity, ME 04471

January, 1999

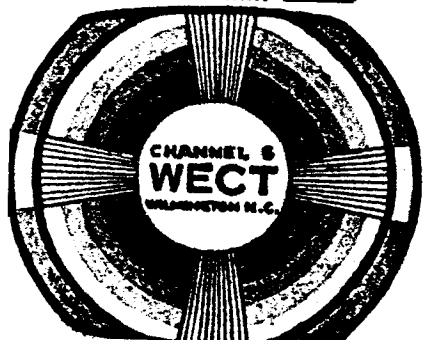
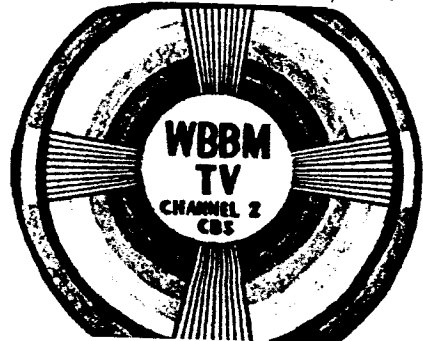
11 Ms 0632 WSAZ	3 WV New for MS
19 Es 0501 WCBD	2 SC
	0529 WFMY
	2 NC
22 Es 2300 WTWO	2 IN
	2317 WDTN
	2 OH
25 Es 1033 WJXT	4 FL
	1039 WCBD
	2 SC

With extra space to fill in, I entered some high band meteor scatter photos. Starting with WTHI-TV, Terre Haute, IN, Ch-10, caught Dec. 19, 1996 lasting 4/30ths of a sec. Next is WTTW, CH-11, Chicago, IL, caught Feb. 6, 1996 at 6:50 a.m., lasting 3/30ths of a sec. Third is a photo which does not do itself justice. This WBNS, CH-10, Columbus, OH, calls lower left, lasting 20 seconds out of a 45 second burst with other stations before and after WBNS. This was caught Jan. 4, 1996 at 5:32 a.m. And lastly and briefly is WHAS, CH-11, Louisville, KY, caught March 16, 1996 at 0558.





**BULLSEYE!**  
If William Tell had lived in the early days of television he would probably have been a CBS fan. Their circular test patterns looked more like target practice bullseyes than any others in use. A great many (but not all) CBS affiliates used this type of pattern. While it may not have been as useful as others for alignment purposes it was definitely an eye catcher. Here's a display of how 6 different CBS stations used it. The hand-drawn art is courtesy of WTFDAer Robert J. Williams in Twin Falls, Idaho.



**PHOTO-NEWS**

Jeff Kruszka, Editor  
5024 S. Braxton Ave.  
Baton Rouge, LA 70817  
JTKruszka@worldnet.att.net

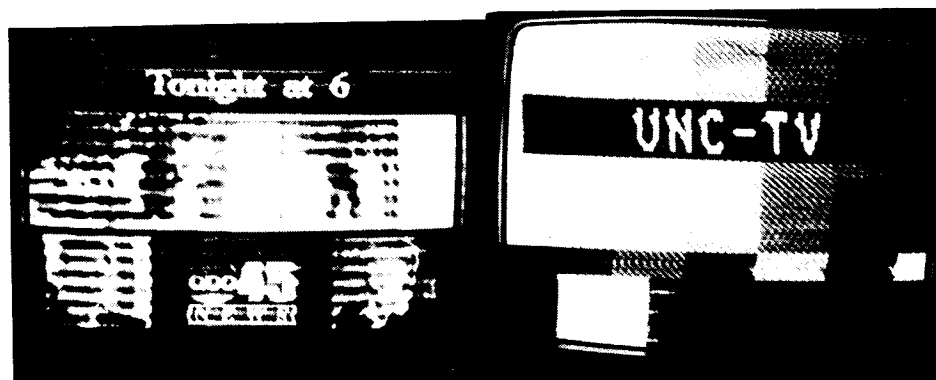
March 1999

Here's some more photos from Jeff Kadet, Macomb, IL:  
Equipment:  
Icom R-7100 w/video adapter or Zenith 13" color TV. Screened  
CM 7' UHF dish @85' w/UA-900 preamp, .500 hardline.



WJZY-46 Belmont, NC  
640 mi Tr seen 8/21/98  
@2329 CDT

WQTV-LP-46 Murray, KY  
294 mi Tr seen 8/27/98  
@2258 CDT  
"Murray St. University"



WXLV-45 Winston-Salem, NC  
625 mi Tr seen 8/21/98  
@0429 CDT

WUNL-26 Winston-Salem, NC  
625 mi Tr seen 8/21/98  
@0419 CDT

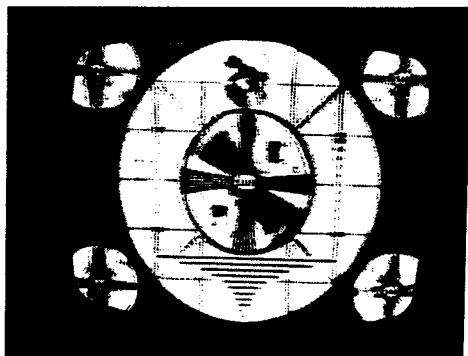


KVTJ-48 Jonesboro, AR  
319 mi Tr seen 8/27/98  
@1029 CDT



W63AH Maplewood area, OH  
345 mi Tr seen 9/5/98  
@0429 CDT

Now for a classic unid from dxer Bill Eckberg, Dixon, IL. This is the infamous "chicken head" (note the symbol at the top) test pattern observed by Bill on June 29, 1991 at 1418 CDT. Several Dxers believe that it is YSR-2 El Salvador, and that the "chicken head" is actually a "2" twisted at an angle (see May '98 VUD, p. 12). What do you think?



INTERNATIONAL DX!

Here's a couple of photos from Jorge Aloy in Argentina. At left is a photo of Jorge with his "Swiss (quad) loop" for FM DX. And at right is a photo of TV 2 Guaiba, Porto Alegre, Brazil (I assume via E-skip). I hope this will prompt some of our international dxers to send me some photos!



73's, *JA*



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

