

Major Tropo Hits the East Coast in September

October 2025 #12

Greetings! We have two new members this month. Say hello to Christian Villemaire (Deux-Montagnes, QC) and David Alpers (Studio City, CA). Welcome to both of you!

Here's a bit of sad news. WTFDA member John Cereghin passed away on August 29th at the age of 60. John was the pastor of a church and also an active Dxr.

EAST COAST TROPO. September brought some of the strongest tropo seen in decades to the east coast from New England down to Florida. The first event occurred from September 5th through the 6th. The longest reception was made by Bryce Foster, who received WTMZ-FM 98.9 in McClellansville, SC on the 6th. Then it hit again on the 22nd. Mike Bugaj received WGNI 102.7 in Wilmington, NC and Adam Rivers caught WSCI 89.3 in Charleston, SC. Mike has details of his September tropo at his new newly refurbished blog at mikesdx.com or you can check all logs made during that period at the [Wlogger](#) (if you are registered there). And we can't let this fall through the cracks. Also on Thurs, Sept 3, Larry Horlock in NL caught 1407mi tropo to WBUH 89.1 Brewster, MA and WOCN 104.7 Orleans, MA. Who would have thought it.

THE ESP138. Bill Hohnstein: I recently received an ESP138 combined TEF6686/Si4732 radio. The TEF6686 mode is working pretty well. Mine had a TEF6686A IC. That means that its RDS sensitivity is a dB better than the non-A version. Its RF sensitivity might be down a bit due to the antenna being split to two tuners. The

Si4732 addition is not of much value to me. It is easy to see that its FM performance is down from the 6686. Its CW and SSB receive addition is just a novelty due to that being accomplished by adding a BFO. The same could be done with the 6686. More detailed testing of the ESP138 will be done later.

I have already made a couple of modifications to my ESP138. After finding that its whip antenna is not disconnected when an external antenna is being used I removed it. That left a big hole on top. "Hey, that hole is just the size of a female F connector!" So, that was added and connected instead of the 1/8" jack. One of my F connector whips can be connected if that is ever desired.

With the ESP138 not having a headphone jack, a new use for the 1/8" jack was obvious. It was connected to the speaker. Two things which make me happier.

A picture of the modified ESP138 is shown. It is tuned to a local translator: K240FD. They wanted a "KOOL" PI. Since the TEF6686 software has not yet been upgraded for that yet, it displays an incorrect call.



.. And, WKDW-LP, 97.5 in North Port FL has gone back on the air as of today, 9/8 .. They had been silent since September 20, 2024 ..



Meanwhile, there's some internal turmoil going on behind the scenes at the station .. A recent article in "The Daily Sun", a local newspaper in the North Port FL area, explains the situation:

"Robert J. "RJ" Malloy filed a complaint against two North Port city officials and a local radio host on behalf of himself and Natural State Community Radio Corp., a nonprofit. Malloy was the executive director of Community Broadband Radio Association, an "officially dissolved" nonprofit.

Malloy is filing the complaint against radio host John Rawlings, City Manager Jerome Fletcher and Commissioner Barbara Langdon.

Malloy, according to court documents, is an "elderly person" involved in the operation of WKDW-LP, a local nonprofit station operated by Community Broadband Radio Association.

Malloy's complaint alleges the defendants broke the radio station's lease, vacated the offices and "unlawfully absconded" property belonging to Malloy and Community Broadband Radio Association.

The complaint says that when Malloy "demanded the return of the equipment" his demand was "refused." Defendants, the complaint said, "acted as if they did nothing wrong."

The complaint states defendants claimed to have no knowledge of the property "despite witnesses who physically moved the property to the office of John Rawlings and the residence of Barbara Langdon."

WKDW went off the air after damages from multiple hurricanes. Broadcast abilities, the complaint states, were never restored.

Certain equipment such as the tower, transmitters and emergency broadcast-related equipment is now in the possession of the city of North Port, the complaint states.

The complaint says the holding is "under the direction" of Fletcher, who is "refusing" to "release" it.

Asked for comment, the city of North Port stated in an email that the city terminated an agreement with WKDW when Fletcher determined it was in North Port's "best interest."

"Out of an abundance of caution, the City Manager directed staff to coordinate with the City Attorney's Office to confirm the legal ownership of the radio tower equipment currently stored on city property before arranging for its release," it stated to The Daily Sun. "The city welcomes any court ruling that may clarify the legal status of the radio station and the equipment's proper ownership."

The complaint also touched on Malloy and North Port entering an agreement to lease space in the city's Public Works lot "for purposes of remote broadcasting of WKDW-FM 's signal once the tower was erected and broadcast could resume." That would establish an emergency broadcast system to benefit North Port.

Eventually, however, the lease at Public Works was terminated and Malloy arranged a new base for operations at Bobcat Village Center Trail, off Toledo Blade Boulevard.

Shortly after, Malloy "fell ill" and had to go to the hospital, the complaint states.

Malloy alleges while he was under the influence of anesthesia and connected to medical devices, Rawlings "showed up, removed family members and other witnesses out of the room and forced Malloy to sign documents making Rawlings executive director of Community Broadband Radio Association."

The complaint states Malloy said it was "against his understanding and consent."

Malloy also alleges Rawlings tried to get audio recordings of the "illegal transfer."

Shortly after, the complaint states, Langdon was "illegally named" to the Community Broadband Radio Association board of directors, "in conflict" with the city's lease for the equipment and had possession of it.

Malloy alleges Rawlings, Langdon and others moved the equipment out of the Bobcat Village location and stored them in Rawlings' office and Langdon's garage, among other locations.

Rawlings, the complaint alleges, "cancelled the station's lease with the landlord" without Malloy's permission.

The complaint says Rawlings and Langdon then "unlawfully" "converted assets" to themselves.

In May, the complaint states, Fletcher gave WKDW a notice that equipment needed to be removed from the Public Works lot. But now, the complaint states, Fletcher is "refusing" to release it. The complaint alleges that is an effort to "obfuscate" matters related to Malloy getting the equipment back. Rawlings, the complaint states, continued to conduct social media broadcasts, claiming the nonprofit was still in existence.

Malloy, the complaint states, reported that to the Florida Department of Agriculture. The complaint document says that department is investigating.

The equipment, the complaint states, per a donation agreement, is the property of the Natural State Community Radio Corp., who "seeks to retrieve said equipment at a time mutually convenient and agreeable to the parties."

A jury trial is demanded in the complaint. Damages, the complaint states, would exceed \$50,000.

On Aug. 25, there was a motion to dismiss the complaint by Rawlings, Fletcher and Langdon.

"The pleadings are fatally defective because: Plaintiffs failed to attach the lease upon which the claims are based, as expressly required by Rule 1.130(a), Florida Rules of Civil Procedure; and (2) Plaintiffs lacks standing to pursue contractual relief because neither Plaintiff was a party to the agreement nor an intended third-party beneficiary of the agreement," it states.

The subject agreement, the dismiss request document states, was between Community Broadband Radio Association and North Port. Not Malloy in his "individual capacity." "CBRA is the proper party to assert a claim against the city and it is now represented by John Rawlings" the dismiss request says. "Moreover, Natural State Community Radio Corp. is not a property party in interest because neither (of) the parties to the agreement (CBRA and the City), nor the agreement itself clearly express 'the intention to primarily and directly benefit the third party.' ... Nowhere does Malloy allege facts showing that either him personally or Natural State Community Radio Corp was an intended beneficiary of the CBRA-City lease agreement," the document states.

The defendants, the document states, "respectfully request" that Malloy's complaint is dismissed in its entirety

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Andy Bolin Charleston, IL – HF + Discovery

I suppose I can say the 4th of July was the second best skip day ever in my 55 years at the dials. You gotta go back 45 years to beat it. The 4th of July had a record breaking 6 sessions totaling almost 6 hours. Thats 2 more sessions than any other skip day. Also, in session 1, 440 mile Pittsburgh was in for an hour. That's the first time I've ever had under 550 mile skip last more than 10 minutes. With that said, you just can't beat 7/17/80 with its 12 hours of FM skip and 335 mile Detroit being lifted.

Start Time	MHz	Callsign	Country	PI Code	Station	PI Code #	Program Type
7/4/2025 8:00	89.5	WSOU	SOUTH ORANGE,NJ	85B0	WSOU	33	Rock
7/4/2025 8:02	89.5	WITF	HARRISBURG,PA	6BBB	WITF-FM	78	Information
7/4/2025 8:06	93.9	WNYC	NEW YORK,NY	796E	Newshour	100	Public
7/4/2025 8:08	94.7	WXBK	NEWARK,NJ	9188	-	31	Unassigned
7/4/2025 8:09	95.1	WZZO	BETHLEHEM,PA	1944		2	Weather
7/4/2025 8:13	92.3	WINS	Virgin Islands [USA]	6B2C	S	36	News
7/4/2025 8:14	93.1	WPAT	PATERSON,NJ	7C57	La Bodeg	17	
7/4/2025 8:14	93.9	WNYC	NEW YORK,NY	796E	Newshour	10	Public
7/4/2025 8:14	94.3	WWSK	SMITHTOWN,NY	A99E	94Shark	95	Rock
7/4/2025 8:16	101.9	WFAN	NEW YORK,NY	6.10E+10		7	Sports
7/4/2025 8:17	103.3	WARM	YORK,PA	566E	WARM-FM	20	Adult hits
7/4/2025 8:19	107.9	WDSY	PITTSBURGH,PA	5.00E+80	IN	12	Country
7/4/2025 8:23	101.5	WORD	PITTSBURGH,PA	7B5D	WORD FM	58	Unassigned
7/4/2025 8:25	103.3	WARM	YORK,PA	566E	WARM-FM	8	Classical
7/4/2025 8:25	105.7	WQXA	YORK,PA	813E	Afterlif	31	Rock
7/4/2025 8:26	107.1	WWZY	LONG BRANCH,NJ	9162	E	16	Adult hits
7/4/2025 8:30	89.3	WQED	PITTSBURGH,PA	7F53		3	Classical
7/4/2025 8:30	90.1	WRTI	PHILADELPHIA,PA	8382	wrti.org	12	Public
7/4/2025 8:31	91.9	WSHR	LAKE RONKONKOMA,NY	84F7	adio - 9	33	Top 40
7/4/2025 8:31	92.3	WINS	Virgin Islands [USA]	6B2C	NEW YORK	100	News
7/4/2025 8:31	93.9	WNYC	NEW YORK,NY	796E	Newshour	15	Public
7/4/2025 8:32	94.7	WXBK	NEWARK,NJ	9188	- Jay-Z	73	Unassigned
7/4/2025 8:32	96.9	WRRK	BRADDOCK,PA	8350	Ey e	13	Adult hits
7/4/2025 8:33	99.3	WHKF	HARRISBURG,PA	182D	99.3	100	Rhythm and blues
7/4/2025 8:34	101.5	WKXW	TRENTON,NJ	717C	NJ 101.5	60	Personality
7/4/2025 8:46	91.9	WCAL	CALIFORNIA,PA	59FB		15	Weather
7/4/2025 8:47	90.1	WRTI	PHILADELPHIA,PA	8382	wrti.org	6	Public
7/4/2025 8:48	90.3	WJTL	LANCASTER,PA	6.00E+65		3	Religious music

7/4/2025 8:52	96.9	WLAN	LANCASTER,PA	71C1	ie	18	Top 40
7/4/2025 8:55	106.1	WISX	PHILADELPHIA,PA	1BB3	El	24	Unassigned
7/4/2025 8:56	105.3	WDAS	PHILADELPHIA,PA	1CA6		4	Rhythm and blues
7/4/2025 8:56	102.9	WMGK	PHILADELPHIA,PA	74FE	MGK	16	Classic rock
7/4/2025 9:12	89.1	WWFM	NJ				
7/4/2025 9:15	93.9	WNYC	NEW YORK,NY	796E	rer Show	18	Public
7/4/2025 9:16	94.7	WXBK	NEWARK,NJ	9188	ri	9	Unassigned
7/4/2025 9:24	89.5	WSOU	SOUTH ORANGE,NJ	85B0	WSOU	3	Rock
7/4/2025 9:25	89.3	WQED	PITTSBURGH,PA	7F53		3	Classical
Session 2							
7/4/2025 12:21	88.5	KGNU	BOULDER,CO	213E	KGNU	17	Public
7/4/2025 12:22	90.1	KCFR	DENVER,CO	15DB	CPR News	12	News
7/4/2025 12:22	92.5	KKSE	BROOMFIELD,CO	2C40	Altitude	37	Talk
7/4/2025 12:23	93.7	KKUT	MOUNT PLEASANT,UT	2C83	93.7 The	72	Country
7/4/2025 12:25	94.7	KRKS	LAFAYETTE,CO	3DFA		3	Religious talk
7/4/2025 12:28	90.1	KCFR	DENVER,CO	15DB	CPR News	17	News
7/4/2025 12:29	88.5	KGNU	BOULDER,CO	213E	KGNU	1	Public
7/4/2025 12:30	93.7	KKUT	MOUNT PLEASANT,UT	2C83	93.7 The	2	Country
7/4/2025 12:33	94.9	KENZ	PROVO,UT	1BFB	POWER949	27	Top 40
7/4/2025 12:33	94.1	KODJ	SALT LAKE CITY,UT	154F	st	28	Unassigned
7/4/2025 12:36	104.9	KBJY		13A6		4	Talk
7/4/2025 12:44	98.7	KBEE	SALT LAKE CITY,UT	1310	Favs	19	Adult hits
7/4/2025 12:45	101.1	KBER	OGDEN,UT	131D	Like	20	Rock
7/4/2025 12:45	103.1	KLO-FM	UT				
7/4/2025 12:45	101.9	KHTB	OGDEN,UT	246B	T	15	Top 40
7/4/2025 12:46	102.7	KSL	MIDVALE,UT	9965		4	News
7/4/2025 13:03	91.7	KRKM	FORT WASHAKIE,WY	3DF4		5	Classical
7/4/2025 13:04	89.1	KNIS	CARSON CITY,NV	3336	PI	17	
7/4/2025 13:05	89.1	KXWY	HUDSON,WY	4F10		1	Oldies
7/4/2025 13:07	93.9	KZBQ	ID				
7/4/2025 13:10	99.3	KMXE	RED LODGE,MT	320A		10	
7/4/2025 13:11	104.7	KIKX	KETCHUM,ID	263B		3	Adult hits
7/4/2025 13:16	101.9	KZZQ	RICHARDTON,ND	549E	Radio	37	Religious talk
7/4/2025 13:16	101.5	KCVI	BLACKFOOT,ID	1772	101	89	Rock
7/4/2025 13:17	99.1	KCAD	DICKINSON,ND	154B		5	Country
7/4/2025 13:20	104.9	KLQQ	CLEARMONT,WY	2EBC	Music	65	Top 40

7/4/2025 13:25	105.7	KDXN	SOUTH HEART,ND	1A4F	Around -	100	Adult hits
7/4/2025 13:26	104.9	KLQQ	CLEARMONT,WY	2EBC		8	Top 40
7/4/2025 13:28	94.9	KZWW	SHERIDAN,WY	5458	Rock	18	Classic rock
7/4/2025 13:28	93.7	KYTI	SHERIDAN,WY	5156	93.7 The	24	Country
7/4/2025 13:28	91.3	KSUW	SHERIDAN,WY	41A6		6	News
7/4/2025 13:29	89.1	KXWY	HUDSON,WY	4F10	WPR	24	Oldies
7/4/2025 13:29	91.7	KEMC	BILLINGS,MT	1BCA	A	38	Public
7/4/2025 13:34	95.9	KZZI	BELLE FOURCHE,SD	5496	Ea	35	Country
7/4/2025 13:35	97.1	KKBR	BILLINGS,MT	2A93		1	Adult hits
7/4/2025 13:38	104.9	KLQQ	CLEARMONT,WY	2EBC	Today's	17	Top 40
7/4/2025 13:40	101.1	KDDX	SPEARFISH,SD	1851	KDDX-FM	100	Rock
7/4/2025 13:42	104.5	KWBB	UPTON,WY	4A33	F	11	Adult hits
7/4/2025 13:45	103.7	KMHK	BILLINGS,MT	A370		1	Classic rock
7/4/2025 13:45	101.9	KRSQ	LAUREL,MT	3EC8	M1.ic-	16	Top 40
7/4/2025 13:47	100.5	CFFX		C1A0		4	
7/4/2025 13:50	103.7	KMHK	BILLINGS,MT	A370		7	Classic rock
7/4/2025 13:51	105.9	KWMY	JOLIET,MT	4B68	KWMY	91	
7/4/2025 13:56	93.3	KURL	BILLINGS,MT	4695		3	Religious talk
7/4/2025 13:56	94.1	KRKX	BILLINGS,MT	3DFF	KR	11	
7/4/2025 13:56	96.3	KRZN	BILLINGS,MT	3F7B	The Zo l	16	Rhythm and blues
7/4/2025 13:56	97.1	KKBR	BILLINGS,MT	2A93	th97.1x	37	Adult hits
7/4/2025 13:57	105.9	KWMY	JOLIET,MT	4B68	KWMY	7	
7/4/2025 14:08	101.9	KRSQ	LAUREL,MT	3EC8		3	Top 40
Session 3							
7/4/2025 14:45	89.3	CIJK	KENTVILLE,NS	C781		1	
7/4/2025 14:48	94.1	CKEC	NEW GLASGOW,NS	CC73		1	
7/4/2025 14:48	93.9	WJLU		6D9E	Inspire	30	
7/4/2025 14:48	93.9	WWOD	WOODSTOCK,VT	A92F	le	7	News
7/4/2025 14:49	93.9	WJLU		6D9E	Inspire	10	
7/4/2025 14:49	93.9			F000		9	Rock
7/4/2025 14:51	97.3	CHVW		C612	L	23	Top 40
7/4/2025 14:52	97.7			21	C N EN	22	
7/4/2025 14:55	96.9	CJXL	MONCTON,NB	CBBE	Co	16	Unassigned
7/4/2025 14:56	96.1	CBC1	RADIO ONE NETWORK	B202		11	Talk
7/4/2025 14:56	95.1			30		5	
7/4/2025 14:57	88.5	WHCF	BANGOR,ME	675D	WHCF	64	

7/4/2025 14:57	97.7	CKVM	NS				
Session 4							
7/4/2025 18:02	94.9	KTZU	VELVA,ND	44CA	94.9O!	27	Classic rock
7/4/2025 18:04	97.7	KNBZ	REDFIELD,SD	3287	Sift	48	Adult hits
7/4/2025 18:05	98.7	KACL	BISMARCK,ND	A13F		1	
7/4/2025 18:12	89.5	KXFQ		4D4E		4	
7/4/2025 18:52	88.7	SRC2	ICI MUSIQUE NETWORK	B205		2	
Session 5							
7/4/2025 19:11	89.3	XHPEES	CIUDAD VICTORIA	12	LA RAZA	45	Soft
Session 6							
7/4/2025 20:43	94.1	CIMG	SWIFT CURRENT,SK	C7CE	Sw.1ent	21	Country
7/4/2025 20:44	94.1	CBC1	RADIO ONE NETWORK	B202	CBC	18	Talk
7/4/2025 20:48	97.1	CKFI	SWIFT CURRENT,SK	CC94	DANCING	40	
7/4/2025 20:50	104.9	KIKF	CASCADE,MT	2629		1	Country
7/4/2025 20:51	96.7			300		8	Language
7/4/2025 20:52	97.1	CKFI	SWIFT CURRENT,SK	CC94	JRDN on	96	News
7/4/2025 20:55	96.9	CJAQ	CALGARY,AB	C954		4	Sports
7/4/2025 20:58	92.7	WQLZ		801F	WQL	25	Rock
7/4/2025 21:10	104.9	KIKF	CASCADE,MT	2629		10	Country
7/4/2025 21:12	96.9	CJAQ	CALGARY,AB	C954	JACK FM	81	Adult hits
7/4/2025 21:13	102.1	CJCY	MEDICINE HAT,AB	C992		3	
7/4/2025 21:17	96.7	RES	CANADA, RESERVED	B006		2	
7/4/2025 21:20	104.9	KIKF	CASCADE,MT	2629		3	Unassigned
7/4/2025 21:22	99.3	CKUA	EDMONTON,AB	CE23	Mo of	100	Public
7/4/2025 21:31	94.1	KRKX	BILLINGS,MT	3DFF	KRKX	84	Soft rock
7/4/2025 21:33	94.1	CFGW	YORKTON,SK	C1BA	Choic C	100	Classic rock
7/4/2025 21:34	94.1	KRKX	BILLINGS,MT	3DFF	KRKX	100	
7/4/2025 21:35	96.3	KRZN	BILLINGS,MT	3F7B	The Zone	15	
7/4/2025 21:38	94.1	CJOC	LETHBRIDGE,AB	CAC1		4	Oldies
7/4/2025 21:39	94.1	CFGW	YORKTON,SK	C1BA	enrk	100	Classic rock
7/4/2025 21:43	99.3	CKUA	EDMONTON,AB	CE23	CKUA-FM	56	Public
7/4/2025 21:55	88.7	SRC2	ICI MUSIQUE NETWORK	B205	Musi	17	Public
7/4/2025 21:56	88.7	SRC2	ICI MUSIQUE NETWORK	B205	ICI	9	Classic rock
7/4/2025 21:57	94.1	CBC1	RADIO ONE NETWORK	B202	CBdio 1	16	Talk

FCC GRANTS AND ACTIONS

From fcc.today and the FCC

October 2025

AK	K202BT	88.3	Whittier	change primary to KCHU-FM 91.3
AL	WKVV	97.3	Gardendale	ex WPYA
AL	W272EL	102.3	York	license cancelled
AR	K255DM	98.9	Monticello	license cancelled
AR	K223BM	92.5	Warren	license cancelled
AR	K257GR	95.3	Johnson	Silent 1/23/25, audio, ant, coax issues, extended
AZ	K300CL	107.9	Show Low	change primary to KXSL-FM-HD3
CA	KCFW	90.9	Santa Nella	initial calls
CA	KDHR	94.9	Baker	ex KNAC
CA	KNAC	96.9	Lenwood	ex KDHR
CA	K227CW	93.3	Calexico	Silent 8/10/25 unknown electrical problems
CA	K269AJ	101.5	Redding	Silent 7/31/25 lost lease
CA	K250BS	97.9	Solana Beach	Silent 8/8/25 facility repairs
CA	KLKE	103.7	Garberville	ex KLVG. Calls go to 780 AM in Fountain, CO.
FL	W294DA	106.7	Pensacola	Ex 103.3 (W277CC)
FL	W241DH	94.5	Riverview	change COL from Bradenton, power to 70 watts-H
FL	WPNX-LP	107.7	Pensacola	initial calls
FL	WPHC-LP	107.9	Spring Hill	license cancelled
GA	W262CE	96.1	Clayton	license cancelled
GA	W246BQ	97.1	Swainsboro	Silent 9/12/24 tower reconstruction still underway
GA	WTRR-LP	100.3	Cornelia	initial calls
GA	W237EZ	93.3	Swainsboro	Silent 9/27/24 tower reconstruction still underway
IA	K209GI	89.7	Adel	Ex 89.1 (K206BW)
ID	K224CV	92.7	Cascade	change primary to KAWS 89.1, no format change
ID	K217DR	91.3	Grangeville	change primary to KAWZ 89.9
ID	K206ET	89.1	Grangeville	change primary to KEFX 88.9
ID	K278AR	103.5	Moscow	change primary to KAWZ 89.9
IN	WGIP	89.9	Greensburg	ex WEGT
KS	KVCO	88.3	Concordia	Silent 8/22/25 no staff to operate station

LA	KNNW	103.1	Columbia	ex KXRR
LA	KMJZ	106.1	Monroe	ex KNNW
LA	KIEE	88.3	St. Martinsville	license cancelled
MD	W261EE	100.1	Chesapeake Bay	Ex 100.5 (W263CQ)
MD	WRYS	104.7	Hagerstown	ex WAYZ
ME	WSVV	101.7	Searsport	ex WKVV
MN	K249ED	97.7	Albertville	change primary to KFXN-HD3 (unk format)
MN	K288GR	105.5	Bayport	change primary to KFXN-HD3
MN	K260BA	99.9	Coon Rapids	change primary to KFXN-HD3
MN	K221ES	92.1	Albertville	change primary to KFXN-HD3
MN	K273BH	102.5	Fridley	change primary to KFXN-HD4, (unk format)
MN	K214DF	90.7	Golden Valley	change primary to KTIS-HD2, no format change
MO	KGSD	90.5	Parkville	license cancelled
MO	KLJT	88.1	St Louis	ex KDHX
MS	WCNS-LP	105.3	Collins	license cancelled
MS	WSMQ	91.9	Mendenhall	license cancelled
NC	W239CB	92.9	Cashiers	license cancelled
NC	WZUP	97.5	Washington	ex WLGT
NC	WLGT	104.7	LaGrange	ex WZUP
NC	W211CI	90.1	Rockingham	Ex 88.3 (W202BR)
NJ	W298DI	107.5	Port Norris	Silent 9/5/25 interference issues
NY	W231AH	94.1	Olean	change COL from Bradford PA
NY	W217AF	91.3	Huntington Station	Silent 8/28/25 lost lease
NY	W213AC	90.5	Hyde Park, etc	Silent 7/31/25 lost lease
OH	W206CH	89.1	Hinkley	change primary to KLHY-HD3 (unk format)
OH	W214CD	90.7	Wadsworth	change primary to KLHY-HD3
OK	KHRO	89.7	Chickasha	initial calls
OK	KRHZ	103.3	Tulsa	ex KJSR
OR	KNUM-LP	96.7	Portland	Silent 7/15/25 organizational transition
PA	W202CK	88.7	Butler	change primary to WCGT 88.7, no format change
PA	WAYZ	101.5	Waynesboro	ex WBHB
PA	WBHB	92.1	Mercersburg	ex WIKG, which go to 1380 AM in Waynesboro PS
PR	WMAA-LP	93.7	Moca	Silent 2/11, transmitter failure, STA extended

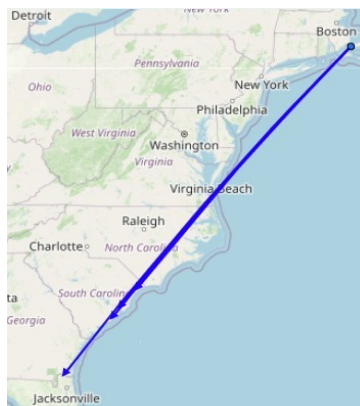
SC	WNGR-LP	95.5	Tigerville	license cancelled
SC	W281BX	104.1	Laurens	Silent 3/31 WLBG AM is silent pending sale
TN	W285GH	104.9	Hartsville	Ex 93.5 (W228CB)
TN	WMAK-FM	106.5	Clifton	ex WLVS-FM
TN	W229DN	93.7	Hartsville	Ex 93.9 (W230CV)
TX	K223DE	92.5	Wichita Falls	change primary to KZKL-HD3 (unk format)
TX	KKVI-LP	92.9	Mesquite	ex KBPM-LP
TX	KBPM-LP	88.3	Greenville	ex KKVI-LP
TX	KOWD	91.1	Childress	ex KRGD
TX	KCBI-FM	90.9	Dallas	ex KCBI (which goes to 770AM in Garland, TX)
UT	KCVA-LP	94.7	Castle Valley	initial calls
WA	K204CZ	88.7	Kennewick	change primary to KAWZ 89.9
WV	W202CN	88.3	Williamson	Ex 91.3 (W217CH)
WV	WAIK-LP	104.9	Princeton	initial calls
WV	WONT-LP	94.7	Romney	initial calls
WY	K219CA	91.7	Casper	Silent 8/15/25 transmitter issues
WY	KQDN	88.9	Eden	Silent 8/30/25 transmitter malfunction

WKDW-LP Continued from page 3

The motion to dismiss the lawsuit is the latest file listed on the Sarasota Clerk of Courts website.

As things stand, there are trial dates set for early 2027: Jan. 13, 2027 pre-trial conferences are scheduled, March 10, 2027 mandatory docket soundings are scheduled, March 22, 2027 a jury trial is scheduled.

The Daily Sun was only able to get an official reply from the city of North Port regarding the lawsuit. Malloy did not reply to multiple messages from The Daily Sun. Rawlings and Langdon did not want to comment."



WSOL 101.5 Yulee, FL heard by Bryce Foster 9/6/25 at 1015 via tropo

TV News

September 2025

D. Smith

St	City	Call	Ch (VC)	Notes
AK	Nenana	K08OV	8 (9)	OFF 9/8/25, lost support from city
AL	Huntsville	W34EY	34 (38)	ST-R 9/2/25 8,160w/466m; antenna issues & transmitter damage
AL	Huntsville	W34EY	34 (38)	RA 9/19/25
AL	Montgomery	WQAP-LD	23 (36)	OFF 9/3/25, transmitter issues
AL	Montgomery	WDSF-LD	36 (19)	OFF 9/3/25, transmitter issues
AL	Opelika	WHOT-TV	30 (66)	CC 10/1/25 from WGBP-TV
AL	Tuscaloosa	WUDX-LD	28 (28)	RA 9/12/25
AR	Eureka Springs	K12XB	23 (22)	QR>from ch. 12, 15,000w/117m, 36-00-27/93-42-04
AZ	Lake Havasu C.	K22NK	22 (10)	PC>15,000w/56m
AZ	Lake Havasu C.	K24NG	24 (15)	PC>15,000w/50m
AZ	Lake Havasu C.	K26OK	26 (5)	PC>15,000w/56m
AZ	Lake Havasu C.	K28PO	28 (12)	PC>15,000w/50m
AZ	Lake Havasu C.	K29FD	29 (3)	PC>15,000w/56m
AZ	Lake Havasu C.	K31GZ	31 (8)	PC>15,000w/50m
AZ	Phoenix	KMEE-LD	32 (40)	CC 9/17/25 from KEJR-LD
CA	Redding	KRHT-LD	25 (41)	RA 9/30/25
CA	Redding	K29OI	29 (51)	PR>15,000w/393m, 40-39-15/122-31-16
CO	Denver	K12XK	12 (27)	PC>2,000w/627m
CO	Denver	KSVK-LD	12 (27)	CC 9/25/25 from K12XK
CO	Pueblo	K19LA	19 (43)	PR<10,000w/-6m, 38-16-48/104-33-11
DC	Washington	W10DE	10 (46)	PR<3,000w/45m, 38-59-25/76-42-09; PG
DE	Dagsboro	W14DK	14 (14)	RA 9/16/25
FL	Key Largo	WKWT-LD	2 (42)	ST-C 9/10/25, unspecified, storm damage to antenna
FL	Key West	W21EK	21 (21)	OFF 9/26/25 pending relocation
FL	Key West	W22FI	22 (3)	OFF 9/26/25 pending relocation
FL	Key West	W26FJ	26 (26)	OFF 9/29/25 pending relocation
FL	Lakeland	W36EC	28 (36)	QR<from ch. 36, 14,000w/58m, 27-56-11/82-13-04
GA	Athens	LSR	3	ST-R 5w/15m, 33-56-59/83-22-32; Sanford Stadium, U. of Georgia
GA	Atlanta	WSKC-CD	14 (22)	RA 9/11/25; HVAC units replaced.
GA	Atlanta	WSKC-CD	14 (22)	PG>15,000w/313m, 33-48-26/84-20-22
GA	Augusta	W16EL	16 (12)	PC>4,000w/68m, 33-36-41/81-18-45
HI	Hilo	KXHI	23 (14)	OFF 8/29/25
HI	Honolulu	KITV	20 (4)	PG>66,800w/131m, 21-17-26/157-50-23
IA	Des Moines	K32NM	32 (32)	OFF 8/2/25, lightning damage to dish & transmitter
IA	Des Moines	K32NM	32 (32)	RA 9/9/25
IA	Keokuk	K14SU	14 (14)	ST-G 9/5/25 7,500w/166m, high temperatures
IA	Keokuk	K14SU	14 (14)	RA 9/8/25
ID	Boise	KYUU-LD	28 (35)	PC>15,000w/851m
ID	Boise	K11XP	30 (11)	QR>from ch. 11, 15,000w/505m
ID	Boise	KPSW-LD	32 (8)	QR<from ch. 8, 15,000w/505m

St	City	Call	Ch (VC)	Notes
ID	Cambridge	K17KF	17 (7)	OFF 9/22/25, can't receive primary KTVB's low power
ID	Cascade	K29NB	29 (7)	OFF 9/22/25, can't receive primary KTVB's low power
ID	Council	K23KY	23 (7)	OFF 9/22/25, can't receive primary KTVB's low power
ID	Glenns Ferry	K16JE	16 (7)	OFF 9/22/25, can't receive primary KTVB's low power
ID	Idaho Falls	KIDK-DRT	26 (3)	NW 15,000w/80m, 43-43-16/111-56-33
ID	McCall	K15IO	15 (7)	OFF 9/22/25, can't receive primary KTVB's low power
ID	Nampa	KTRV-TV	13 (12)	ST-G 9/5/25 7,000w/785m, 43-45-19/116-05-58; temporary antenna
ID	Nampa	KTRV-TV	13 (12)	RA 9/6/25, new antenna
ID	Rexburg	K22IK	22 (7)	OFF 9/22/25, can't receive primary KTVB's low power
IL	Mount Vernon	WPXS	13 (13)	RA 9/3/25
IN	Evansville	WEIN-LD	36 (40)	RA 9/10/25 under reduced-power STA, amplifier failure
MD	Annapolis	W13DW	13 (35)	PR>3,000w/129m, 38-59-46/76-39-24
MD	Hagerstown	WDVM-TV	23 (25)	PC<1,000,000w/447m, 38-57-21/78-01-29
ME	Bangor	W15DS	15 (15)	PR>2,500w/300m
ME	Bangor	W34EQ	34 (34)	PR>2,500w/300m
MI	Flint	WSMH	16 (66)	RA 9/23/25
MI	Mount Pleasant	WBWM-LD	16 (28)	QC from ch. 28
MN	Duluth	K35JN	35 (35)	PR>15,000w/215m; PG
MN	St. Cloud	K20KW	20 (20)	PG>15,000w/50m
MN	Willmar	K15IS	15 (15)	PG>15,000w/108m
MO	New Madrid	KJBW-LD	35 (35)	PR>15,000w/71m; PG
MO	Springfield	KFKY-LD	25 (20)	ST-G 5,250w/140m; damaged power amplifier
MS	Greenville	W19EF	19 (19)	PG>15,000w/51m
MS	Oxford	WMPJ-LD	27 (34)	QR from ch. 26, 15,000w/66m; QG
MS	Tupelo	W21EC	21 (21)	PG>10,000w/8m
MT	Drummond	K28QZ	28 (8)	QG from K20KL
MT	Great Falls	K25LM	25 (25)	PG>15,000w/82m
MT	Great Falls	K35KC	35 (35)	PG>15,000w/81m
MT	Hamilton	K27PM	27 (25)	QG from K25LO, 15,000w/96m
MT	Helena	KTVH-DT	31 (12)	QC from 12, 530,000w/671m
MT	Wolf Point	K04GF	23 (20)	QC from ch. 4, 431w/-38m
MT	Wolf Point	K06AV	32 (18)	QC from ch. 6, 431w/-38m
MT	Wolf Point	K13FP	34 (6)	QC from ch. 13, 431w/-38m
NC	Greenville	W22FC	22 (18)	PG>12,000w/56m
NC	Greenville	WTGC-LD	31 (7)	PR>15,000w/392m; PG
NC	Maggie Valley	W15DR	15 (13)	PR>15,000w/799m, 35-25-32/82-45-24
NC	New Bern	W18EV	18 (18)	PG>15,000w/60m
NC	New Bern	W20EM	20 (20)	PG>15,000w/34m
NC	Raleigh	WAUG-LD	4 (8)	OFF 8/18/25, water damage to equipment
NC	Sapphire Valley	W21EP	21 (13)	QC from W34EP, 15,000w/483m, 35-13-20/82-32-58
NC	Wilmington	WUNJ-TV	21 (39)	ST-C 9/23/25 614,000w/202m; auxiliary facility pending antenna repairs
ND	Bismarck	K35PO	35 (5)	ST-R 9/30/25 240w/131m; temporary antenna, transmission line failure
ND	Minot	K35MM	35 (42)	PR>15,000w/-10m
NE	North Platte	K20NE	20 (20)	PG>15,000w/135m

St	City	Call	Ch (VC)	Notes
NE	Omaha	K36QD	36 (21)	PR<15,000w/98m, 41-07-03/96-12-24
NH	Pittsburgh (sic)	W34DQ	34 (11)	Requests conversion to ATSC 3.0
NM	Alamogordo	K06QI	6 (6)	PR>3,000w/510m, 32-49-47/105-53-15
NM	Albuquerque	KKAB-DTS3	12 (12)	NW 35,000w/1,262m, 35-12-50/106-27-03
NM	Eagles Nest	K22MS	22 (13)	ST-R 300w/663m; 15% power due transmitter failure
NM	Las Cruces	KRWG-DTS2	23 (22)	AF 3,150w/586m, 31-48-55/106-29-22 (El Paso, TX)
NM	Orogrande	K07AAL	7 (34)	PR>3,000w/508m
NM	Socorro	KKAB-DTS2	12 (12)	NW 50w/570m, 34-04-18/106-57-47
NM	Truth or Consequences	KKAB-DTS1	12 (12)	NW 1,000w/90m, 33-17-06/107-17-26
NV	Reno	KEVO-LD	16 (40)	PR>15,000w/117m, 39-35-02/119-47-59
NY	Albany	WUCB-LD	34 (32)	PR>15,000w/324m, 42-37-39/74-00-38
NY	Buffalo	WBUO-LD	26 (30)	QC from ch. 30, 15,000w/168m, 42-38-10/78-43-00
NY	Ellenville	WYNB-LD	33 (30)	QG from ch. 30, 15,000w/161m, 41-16-51/74-13-59
NY	Farmingdale	LSR	4	ST-R 100w/29m, 40-44-34/73-27-18; Bethpage Green Golf Course
OH	Akron	WIVM-LD	34 (39)	PG>8,900w/137m
OH	Canton	KONV-LD	23 (28)	OFF 9/2/25, controller issues
OH	Canton	KONV-LD	23 (28)	RA 9/17/15
OH	Canton	WIVD-LD	26 (26)	PR>15,000w/156m, 40-54-23/80-54-39; PG
OK	Ardmore	K22PC	22 (19)	QG from K26PA, 15,000w/265m, 34-01-58/96-48-01
OK	Norman	LSR	5	ST-R 5w/20m, 35-12-21/97-26-32; Oklahoma Memorial Stadium
OK	Oklahoma City	KSBI	23 (52)	RA 9/21/25
OR	Bend	K28MH	28 (28)	PR>6,000w/183m, 44-04-38/121-20-01; PG
OR	Eugene	KORY-CD	15 (15)	PG>15,000w/284m, 44-00-07/123-06-54
OR	Glide	K34IC	34 (34)	PR>10,000w/829m; PG
OR	Jacksonville	NEW	24 (24)	QG from ch. 4, 6,000w/413m
OR	Klamath Falls	K23PA	23 (23)	PR>5,000w/672m, 42-05-05/121-38-03; PG
OR	Klamath Falls	KDKF	29 (31)	ST-R 974w/651m; 20% power, antenna damage
OR	Portland	KPTV	12 (12)	Permit to move to ch. 21 canceled, remains on ch. 12
OR	Portland	KOXO-CD	15 (41)	PR>15,000w/480m; PG
PA	Butler	WJMB-CD	17 (60)	RA 9/8/25
PA	Harrisburg	W25FE	14 (42)	QR from ch. 25, 15,000w/58m, 40-16-37/77-16-35
PA	Harrisburg	WCZS-LD	33 (35)	QR from ch. 30, 15,000w/58m, 40-16-37/77-16-35
PA	Lebanon	WLHY-LD	7 (49)	QR from ch. 31, 3,000w/370m, 40-15-45/76-27-50
TN	Memphis	WQEK-LD	17 (36)	RA 9/30/25
TN	Memphis	WKNO	29 (10)	ST-G 407,000w/320m; ~50% power pending transmitter replacement
TN	Pigeon Forge	WJDP-LD	22 (11)	QR from ch. 11, 15,000w/499m, 36-00-19/83-56-23
TX	Abilene	KEOT-LD	31 (31)	PR>7,500w/319m; PG
TX	Amarillo	K17HI	17 (17)	PR>15,000w/328m, 35-17-34/101-50-43; PG
TX	Beaumont	K20OM	20 (15)	PR>15,000w/74m, 30-04-34/94-10-15; PG
TX	Beaumont	K34LK	34 (34)	PR>15,000w/70m, 30-04-34/94-10-15; PG
TX	Big Spring	K35MF	35 (35)	PR>15,000w/72m
TX	Big Spring	K36PZ	36 (28)	PR>15,000w/72m
TX	Bryan	K21PO	21 (20)	QG from K20KJ
TX	College Station	LSR	5	ST-R 5w/86m, 30-36-35/96-20-26; Kyle Field, Texas

St	City	Call	Ch (VC)	Notes
				A&M University
TX	College Station	K35PH	35 (35)	OFF 9/25/25 pending completion of new facilities
TX	Fredericksburg	KCWX-DTS1	8 (2)	QC from ch. 5, 35,000w/374m, 30-08-14/98-36-36
TX	Fredericksburg	KCWX-DTS2	8 (2)	NW 3,000w/166m, 30-19-21/97-48-04; West Austin Antenna Farm
TX	Fredericksburg	KCWX-DTS3	8 (2)	NW 3,000w/117m, 29-14-40/98-44-28; I-35, Atascosa
TX	Fredericksburg	KCWX-DTS4	8 (2)	NW 1,500w/202m, 29-36-39/98-53-34; Lake Hills
TX	Fredericksburg	KCWX-DTS5	8 (2)	NW 7,000w/165m, 30-15-13/99-28-01; I-10 & US-290
TX	Fredericksburg	KCWX-DTS6	8 (2)	NW 3,000w/103m, 31-04-04/98-43-59; TX-16, San Saba
TX	Hondo	KDJB-LD	27 (27)	OFF 9/19/25, lost tower lease
TX	Livingston	KCTL-LD	12 (25)	QG from ch. 29, 3,000w/101m, 30-03-55/95-16-11
TX	Lubbock	K18NO	18 (18)	PR>15,000w/62m; PG
TX	Lubbock	K34NB	34 (35)	PR>15,000w/62m; PG
TX	Lufkin	KHTM-LD	13 (13)	PG>3,000w/199m
TX	Lufkin	KLUF-LD	27 (5)	PG>15,000w/199m
TX	Lufkin	K36QA	36 (36)	PG>15,000w/199m
TX	Midland	K12XO	12 (12)	PR>3,000w/250m, 32-05-10/102-17-12; PG
TX	Nacogdoches	KNCD-LD	23 (2)	PR>3,000w/99m, 31-21-39/94-38-55; PG
TX	San Antonio	KAXX-LD	35 (42)	RA 9/4/25 at unspecified reduced power
TX	Sweetwater	KAOM-LD	24 (24)	PR>15,000w/329m; PG
TX	Tyler	KQKT-LD	18 (18)	PG>15,000w/239m, 32-32-24/95-13-12
TX	Tyler	K24MO	24 (46)	PG>15,000w/89m, 32-32-24/95-13-12
TX	Waco	KLRW-TV	20 (20)	CC for new station \\KLRU Austin & KLRN San Antonio
UT	Logan	KJDN-LD	6 (39)	PR<200w/147m, 41-36-41/111-57-09
UT	Logan	K11XG	11 (15)	PR<200w/147m, 41-36-41/111-57-09
UT	Nephi	K05MX	5 (26)	PR>3,000w/144m; PG
UT	Salt Lake City	KCBU-DTS1	15 (15)	AF 300,000w/1,209m, 40-39-36/112-12-08; second DTS transmitter for new Price station
UT	Salt Lake City	KPDR-LD	22 (19)	PR<15,000w/861m, 40-36-28/112-09-29; PG
UT	Salt Lake City	K31QF	31 (3)	QC from K08QQ, 1,000w/871m
VT	Pownal	W20EH	20 (46)	PR<950w/-22m, 42-56-53/73-10-32
VT	Windsor	WJCB-LD	30 (21)	QG from ch. 29, 2,500w/32m, 42-48-46/71-54-57
WA	Omak	K26GV	26 (26)	PR>2,000w/774m
WA	Spokane	KDYS-LD	32 (32)	PR>10,000w/415m, 47-35-57/117-18-01
WI	Eau Claire	W26FG	26 (26)	PR>15,000w/189m; PG
WI	La Crosse	W19DP	19 (49)	PG>15,000w/145m, 44-02-31/91-40-48
WI	Madison	LSR	5	ST-R 5w/-4m, 43-04-12/89-24-46; Camp Randall, University of Wisconsin
WI	Sayner	W21DS	21 (7)	ST-C 9/15/25, unspecified, amplifier issue
WI	Verona	WMWI-LD	17 (16)	PG>15,000w/44m, 43-10-10/89-15-38 (WXXM-92.1 tower, Sun Prairie)
WI	Wausau	W36EI	36 (36)	PR>10,000w/198m
WV	Charleston	WOCW-LD	33 (21)	RA 9/4/25
WV	Morgantown	W35DI	2 (35)	QR from ch. 35, 3,000w/124m, 39-36-27/79-59-01; replaces request for ch. 5.
WV	Parkersburg	WVMY-LD	8 (8)	OFF 8/16/25, storm damage to monitor & control gear

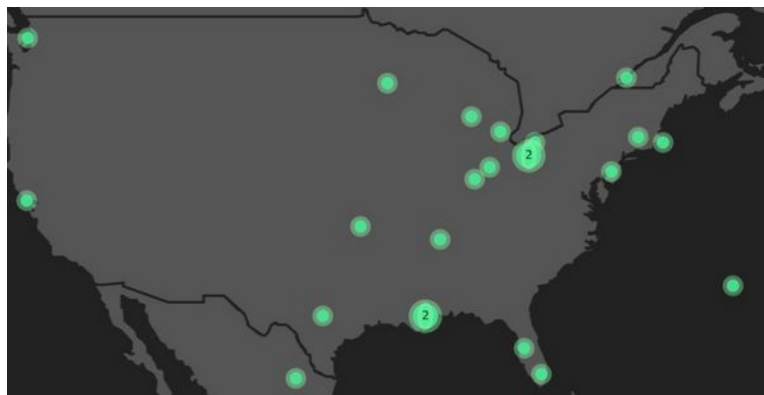
St	City	Call	Ch (VC)	Notes
WY	Casper	K22MC	22 (49)	PR>15,000w/563m; PG
WY	Rock Springs	K33IX	33 (33)	PR>5,000w/354m, 41-34-43/109-19-14; PG
WY	Sheridan	KSWY	7 (7)	NW 340w/336m, 44-37-23/107-07-02

Guide to abbreviations:

CC	Callsign change
NW	New station on the air
OFF	Station is off the air
PC/PG/PR	Power and-or antenna height change on the air/granted/requested
QC/QG/QR	Channel change on the air/granted/requested
RA	Station returned to the air, or returned to full power after QRP
ST-C/ST-G/ST-R	Special Temporary Authority in use/granted/requested for reduced facilities

> and < symbols indicate increase or decrease in coverage respectively.

Entries **in boldface** are full-power stations; all others are LPTVs or Class A.



Current TEF Webserver Map

As early as May 2024 there were just three webserver online in the US: Miami, Hartford and Philadelphia (Tabernacle, NJ). Since then, that number has ballooned to 21. About half of them are run by WTFDA members.

These are: Montreal (Charly), Cape Cod (Bryce), Hartford (Mike), Tabernacle NJ (Nick), Bermuda (Chris Dunne-mod), Doylestown, OH (Jeff), Akron, OH (Andrew), Ashtabula, OH, Ann Arbor, MI (Ivan), Muskegon, MI, Greenville, OH, Edinburgh, IN (Bob), Hugo, MN, Henderson, TN, Pryor, OK, Miami (Ivan), Central Florida (Glenn), Mandeville, LA (2) Loyd, Johnson City, TX, San Rafael, CA and Seattle, WA. Also note the new webserver in Monterrey, NL. RDS info for Monterrey has been updated to the FM station database from that server.

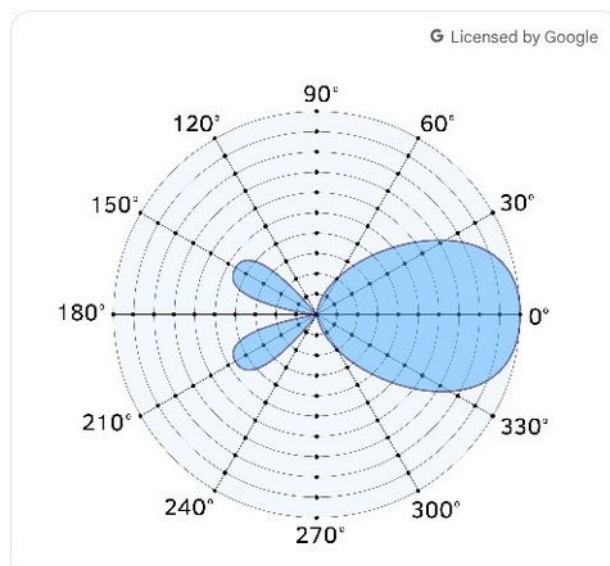
The Bermuda webserver was the most popular this summer as we were able to know when skip clouds were just off the coast as Bermuda was working skip and noone else was. Some of these clouds did move west. Plots from Bermuda were able to be made to our real-time [logger map](#).

How good is a dipole antenna for FM reception?

A dipole antenna is an **excellent choice** for FM reception, especially if you're in an area with a strong to moderate signal. In fact, the simple "T-shaped" antenna you often find packed with FM receivers is a form of dipole antenna known as a **folded dipole**.

Why Dipoles Work Well for FM

1. **Resonance:** A key principle of antenna design is that an antenna works most efficiently when its physical length is a specific fraction of the wavelength of the signal it's trying to receive. For a half-wave dipole, the length is approximately half the wavelength of the target frequency. The FM broadcast band (88-108 MHz) has a wavelength that's a manageable size, so a half-wave dipole for this band is small enough to be practical for indoor use (about 5 feet long).
2. **Efficiency:** When correctly sized for the FM band, a dipole antenna is very efficient at capturing FM radio waves. It has a high gain compared to a single wire or the built-in ferrite bar antennas found in some radios.
3. **Radiation Pattern:** A dipole antenna's reception pattern is often described as a "figure-8" shape. This means it receives signals best from the sides (perpendicular to the antenna's arms) and has poor reception from the front and back. This can be a significant advantage, as you can orient the antenna to reject interfering signals or multi-path distortion coming from other directions.
4. **Simplicity:** Dipole antennas are incredibly simple to design and build. You can make a highly effective one with just a few feet of wire, which is why they're so common. This simplicity also makes them very cost-effective.



Considerations for Best Performance

While a dipole is a great starting point, its effectiveness depends on proper placement and orientation.

- **Location:** The higher you can place the antenna, the better your reception will be. Ideally, place it in an attic or on an outside wall, away from large metal objects, electrical appliances, and other electronics that can cause interference.
- **Orientation:** The "figure-8" pattern means you might have to rotate the antenna to find the best reception for a particular station. For example, if you're trying to receive a station to your east, you'll want to orient the dipole so its arms point north and south. If you're trying to receive stations from multiple directions, a compromise may be necessary.
-

Build a Dipole Cut for 100mhz

Building a simple half-wave dipole for 100 MHz is a straightforward project. It's a great choice for improving FM radio reception.

Calculating the Length

The design is based on the principle of resonance, where the antenna's total length is half the wavelength of the target frequency. The standard formula for a half-wave dipole antenna in feet is:

Total Length (in feet) = 468 / Frequency (in MHz)

For a frequency of **100 MHz**, the calculation is:

Total Length = $468 / 100 = 4.68$ feet

Since a dipole antenna has two arms, each arm should be half of the total length:

Length of each arm = $4.68 \text{ feet} / 2 = 2.34$ feet (approximately **28 inches** or **71 cm**).

You'll often hear that you should cut the wire a little longer and trim it to find the ideal length, as the wire's thickness and surrounding objects can slightly affect the resonant frequency.

Materials Needed

You only need a few basic, inexpensive items:

- **Wire:** About 5 feet of insulated wire, such as 18-gauge speaker wire or stranded electrical wire. Stranded wire is more flexible and less prone to breaking.
- **Coaxial Cable:** A length of coaxial cable (like RG-6 or RG-58) long enough to run from the antenna to your FM receiver.

- **Connectors:** A coaxial connector (like an F-connector) that matches your receiver's input.
 - **Soldering Iron & Solder:** To make a secure connection.
 - **Something to support the antenna:** A piece of wood, plastic, or a simple plastic "egg" insulator to act as a center support.
 - **Tools:** Wire cutters/strippers, a measuring tape, and a knife or scissors.
-

Construction Steps

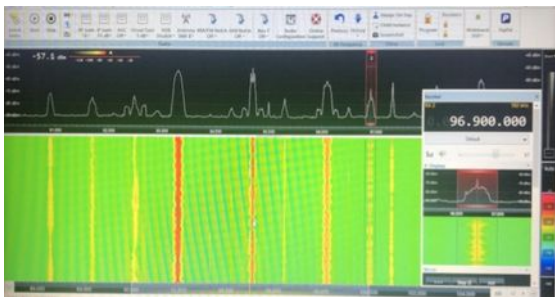
1. **Prepare the wire:** Cut your insulated wire into two equal lengths of approximately 28 inches each.
2. **Prepare the coaxial cable:** At one end of the coaxial cable, strip away about 2-3 inches of the outer insulation to expose the braided shield and the inner conductor (with its insulation). Be careful not to nick the braiding.
3. **Create the feed point:**
 - Separate the braided shield from the inner conductor and twist the strands of the braid together to form a wire.
 - Strip a small amount of insulation from the end of the inner conductor.
4. **Connect the dipole arms:**
 - Solder one of the 28-inch wire pieces to the **braided shield** you just created.
 - Solder the other 28-inch wire piece to the **inner conductor**.
5. **Secure the connections:** Use electrical tape or heat shrink tubing to insulate and protect the connections. This prevents the two wires from touching and short-circuiting.
6. **Mount the antenna:** Attach the two arms to a non-conductive center support. This can be as simple as taping them to a piece of wood, leaving a small gap between the two wires where you made your connection.
7. **Find a good location:** Hang the antenna horizontally from the center. Orient it in a "T" shape relative to the signal you want to receive for the best results.

That's it! This simple dipole will be effective for pulling in FM stations, and you can adjust its position or orientation to find the best signal.

For 92 MHz – Total Length $468/92 = 5.09/2$ feet, or 2.55 feet (30.6 inches) on each end.

For 105 MHz – Total Length: $468/92 = 4.46/2$ feet or 2.23 feet (26.8 inches) on each end.

These lengths are a great starting point. Since the entire FM band ranges from 88 to 108 MHz, a dipole cut for **98 MHz** (the center of the band) with a total length of about 4.78 feet (2.39 feet per arm) will provide good reception across most, if not all, of the FM stations in your area.



Format Flips

and branding, too

John Zondlo - fmdxweb@cox.net

October 2025

AL

In Decatur AL W243DN 94.7 has switched from Rhythmic Throwbacks as “Wild 94.7” to Regional Mexican “94.7 La Raza.” Imagine switching on the radio one morning to hear that format change!

AZ

It’s back to the future for K241CS 96.1 Phoenix. Following the demise of Oldies on the station, the translator and it’s parent station, KXEG 1280 Phoenix are back to Spanish AC as “Xtasis Radio.”

FL

Radio Training Network has switched WWRZ 98.3 Fort Meade FL to its “The Joy FM” Christian AC network. RTN bought the station from Hall Communications, which previously aired it’s Variety Hits “Max” format on the frequency. “Max” lives on, tho, on a couple translators. It replaces sports on 1230 WONN and translators W296CS 107.1 and W240DB 95.9, all licensed to Lakeland.

GA

In the Columbus GA market, AC “103.7 Lite-FM” WLTC 103.7 Cusseta GA has changed format to Adult R&B as “103.7 Smooth FM.”

IL

Is it true that when Jack fell down the hill, Jill would be tumbling after? It’s true in Ottawa IL. Variety Hits WRKX 95.3 “95.3 Jack FM” is now Rock “95.3 Jill FM.” Using “Lasalle County Rocks” as its branding, the station is now satellite fed with programming from Local Radio Networks.

LA

Warrior Media is making yet another change in its Monroe cluster. Country KMYX 92.3 Rayville LA is now Classic Country “92.3 The Ranch.” It’s being positioned as “The Heartbeat of Country,” with music focusing on turn of the century music.

NY

WAIO 95.1 Honeoye NY has switched from Hot Talk as “Radio 95.1” to Rock as “Rock 95.1.” The station was Rock before the Hot Talk format took over in 2014. Anyone remember the 1970’s New York Telephone spot by Rod Serling about prank callers? It made the rounds among radios stations nationwide. Now that was some hot talk!

OH

Classic Hip Hop is out in Cleveland, replaced by Sports. iHeart sent “Throwback 99.1” packing in favor of Fox Sports Radio on W256BT 99.1 Cleveland, which is fed by WMMS HD2 100.7 Cleveland.

OR

Conservative Talk KACI 1300 and translator K280FJ 103.9, both The Dalles, has flipped to Country as “103.9 The Hawk.” Call letters have changed on the AM, too, to KTDS. Satellite programming from Compass Media and Local Radio Networks fills up the broadcast day.

TN

Knoxville is jumping again. W246DX 97.1 has returned to the Classic Hip Hop format as “Jump 97.1” after nearly 4 years as Hip Hop “Lit 97.1.” The Jump branding was used previously in ’20 and ’21.

TX

“Hill Country 104.7” has replaced Christian Preaching on KHSB 104.7 Kingsland TX. The format is described as Red Dirt Country.

In the Panhandle, Amarillo’s KVWE 102.9 has dropped Sports as “Panhandle Sports Star 102.9” for Classic Rock as “102.9 The Rattler.” Calling itself “Amarillo’s Real Classic Rock Station,” The Rattler features a lineup of rock radio mainstays. Connoisseur Media owns this one now. plus a bunch more they bought from Alpha Media. Somehow the acquisition of Alpha reminds me of the book/movie “The Mouse that Roared.”

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Sources: Indianaradio.net, Northpine, RadioInsight, Hisair.net, LPFM Database, IRCA’s DX Monitor, InsideRadio, Radiolnk, and radio biz connections

TV DX and Photos

Eric Bueneman N0UIH 631 Coachway Ln, Hazelwood, MO 63042-1347
Email: n0uiheric@gmail.com - Deadline the 10th of the month



This month, I will be profiling the best video captures from my second year of DTV DXing. This was the year I bought my first Zenith DTT-901 ATSC 1.0 tuner and coupled it with the Win-TV-Go. I also pulled in my first good DX catches. Here’s a few of the best video captures from my second year of DTV DXing, 2006.



WGEM 54.2 (10.2) Quincy, IL

110 miles (177 km) tropo

Seen July 13, 2006

(Now on RF 19)



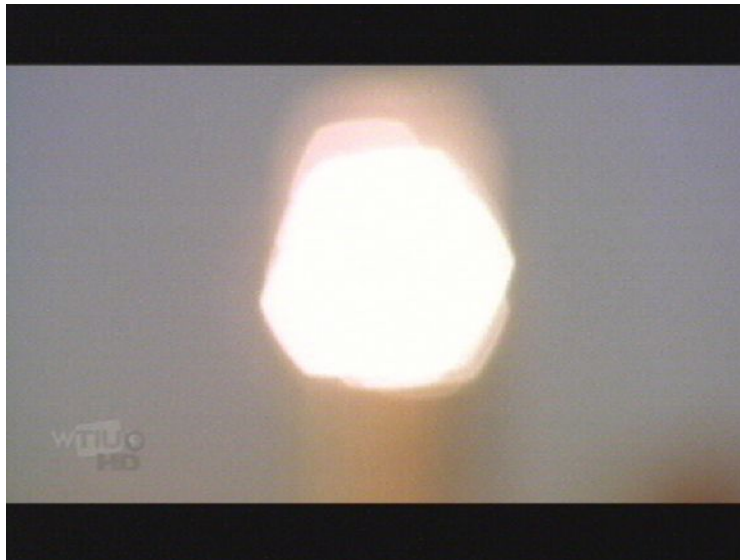
WTHI 24.1 Terre Haute, IN

170 miles (274 km) tropo

Seen July 21, 2006

(WTHI is now on RF 10)

Local KNLC analog off the air due to previous night's severe storms



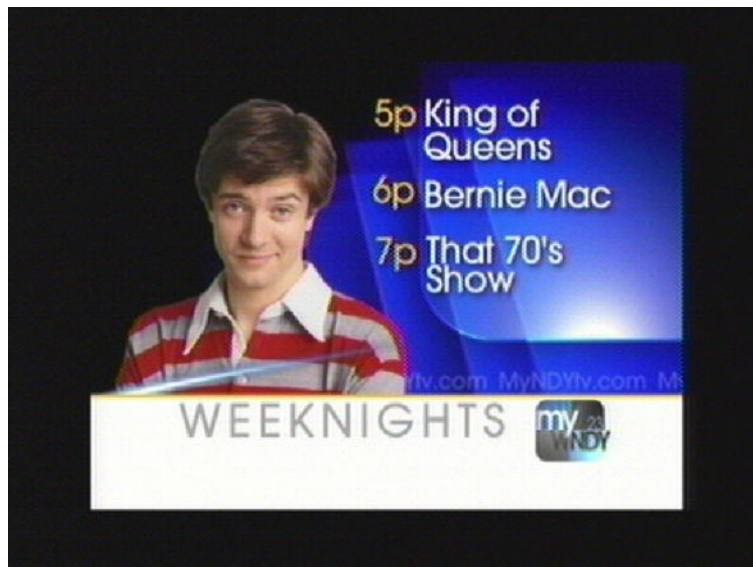
WTIU 14.2 (30.2) Bloomington, IN

210 miles (338 km) tropo

Seen August 6, 2006

(Now on RF 33)

Local KNLC-DT on low power



WNDY 32 (23) Marion, IN

285 miles (459 km) tropo

Seen August 6, 2006

(Now multiplexing with WISH Indianapolis on RF 9)



WPWR 51 (50) Gary, IN

250 miles (402 km) tropo

Seen November 11, 2006

(Now multiplexing with WFLD Chicago on RF 24)



WKRN 27.2 (2.2) Nashville, TN

270 miles (435 km) tropo

Seen November 12, 2006

(Still on RF 27)



WJHL 58.2 (11.2) Johnson City, TN

470 miles (756 km) tropo

Seen November 12, 2006

(Now on RF 9)

Still my best DTV tropo log!

Now to my soapbox: I've tried WTFDA's Logger on the Internet...I was not very happy with it. First off, there's no place to post video captures on the Logger...this is why this column exists. Second, it doesn't take older logs...I tried to post my log of WBBM 19 (2) Chicago; it did not show up on the club TV log. This is why I prefer putting the logs in *Line of Sight* instead. It would be better if **ALL** WTFDA members would put their logs in *Line of Sight* rather than on the Logger. The Logger is a major inconvenience, in my view. Instead of submitting my FM and Weather Radio logs to the Logger, I send them in to Mike Bugaj instead.

In the next edition, I'll take a look back at 2007. Just a gentle reminder...I'm still looking for reports from other WTFDA members. 73 and good DX from the Florissant Valley Dial Twister.

(Ed note: The logger does take old logs. The reason you don't see them is because they are added to the other logs from the same date. So, for example, you add a stale log from a month ago, the log should show up in the archives a month ago along with the other logs posted at that time so you wouldn't see a log or a plot on the map mixed in with new logs. That's how it should work but probably not the way you thought it to work. Now as far as posting video captures on the logger, that can't be done and we don't want that to be done. It's a logger, not a place to post pictures. This newsletter is a good place for them or maybe even on the website. I think that the point being lost here is that the logger is for REAL TIME DXing, not DX from a week or a month ago, but while it's happening. -Mike)



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