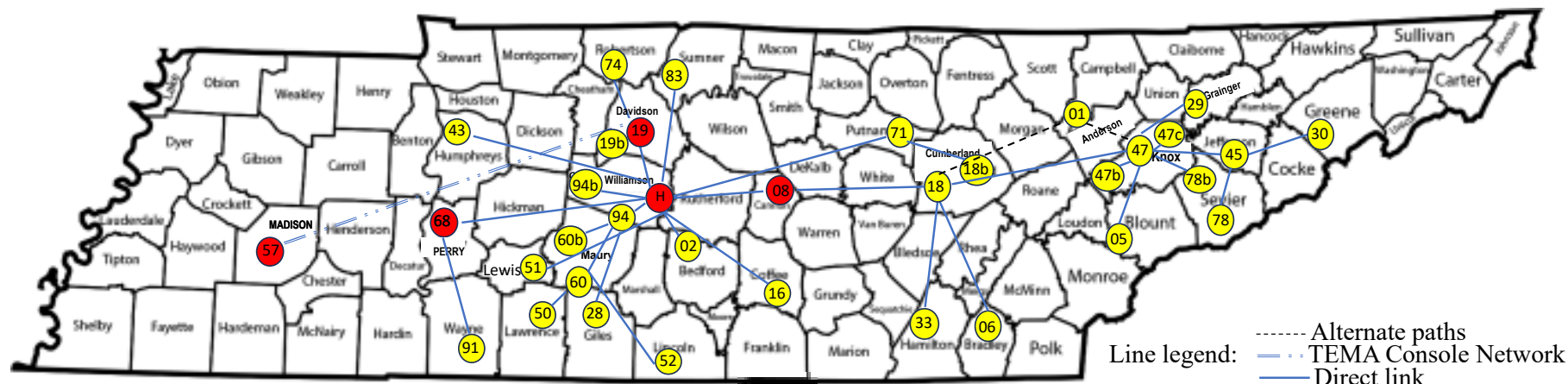


*RED dots on the map are TEMA-owned repeater links.



Not to scale

HUB	443.725	107.2	Nolensville
01	441.925	100.0	Oak Ridge
02	442.700	100.0	Deason
05	443.900	100.0	Maryville
06	442.025	100.0	Cleveland
08	444.650	107.2	Short Mountain
16	443.950	107.2	Tullahoma
18	443.875	88.5	Crossville
18b	443.850	100.0	Fairfield Glade
19	442.800	107.2	Nashville
19b	443.975	107.2	Pasquo
28	443.550	100.0	Pulaski
29	444.725	156.7	Clinch Mountain
30	443.825	100.0	Greeneville
33	443.125	103.5	Signal Mountain
43	443.375	114.8	McEwen
45	443.725	100.0	Jefferson
47	442.500	100.0	Knoxville
47b	444.500	100.0	West Knoxville
47c	443.225	100.0	Northeast Knoxville
50	443.400	100.0	Lawrenceburg
51	444.850	100.0	Hohenwald
52	442.300	127.3	Fayetteville
57	444.450	123.0	Jackson
60	442.725	100.0	Southport
60b	443.175	100.0	Columbia
68	442.850	107.2	Lobelville
71	444.600	107.2	Cookeville
74	443.900	107.2	Cross Plains
78	444.900	100.0	Gatlinburg
78b	444.000	103.5	Sevierville
83	444.450	107.2	Gallatin
91	443.950	100.0	Wayne Co.
94	443.075	156.7	Heritage
94b	443.475	107.2	Franklin

MTEARS 14 June 2025

This map is a visual and written record of significant changes to the MTEARS system recorded since this map was last edited and published in January 2025.

Link locations shown in RED in the list to the left are temporarily out of service. The new McEwen (Humphreys County) link #43 came online on 2/16/2025 but has issues and is pending antenna work. Link #02 in Deason (Bedford County) is in standalone mode pending antenna work. The CTCSS tone on link #78b in Sevierville (Sevier County) was changed from 100.0 Hz to 103.5 Hz as notified on 05/05/2025. The new Fayetteville (Lincoln County) link #52 was reported to be online 6/13/2025.

Individual links may be down on a short-term basis due to weather issues or for maintenance.

Revised MTEARS UHF Repeater System by Link Number

All repeater inputs are +5.0 MHz

Call Sign	Location	Link #	MHz	CTCSS	Call Sign	Location	Link #	MHz	CTCSS
NE4MA	Nolensville HUB	H	443.725	107.2	W4KEV	Knoxville	47	442.500	100.0
W4KEV	Oak Ridge	01	441.925	100.0	W4KEV	West Knoxville	47b	444.500	100.0
N4VFB	Deason	02	442.700	100.0	W4KEV	Northeast Knoxville	47c	443.225	100.0
W4KEV	Maryville	05	443.900	100.0	KF4AKV	Lawrenceburg	50	443.400	100.0
WE4MB	Cleveland	06	442.025	100.0	K4TTC	Hohenwald	51	444.850	100.0
W4CAT	Short Mountain	08	444.650	107.2	W4LCS	Fayetteville	52	442.300	127.3
K4EGC	Tullahoma	16	443.950	107.2	NE4MA	Jackson	57	444.450	123.0
W4KEV	Crossville	18	443.875	88.5	KF4AKV	Southport	60	442.725	100.0
W8EYU	Fairfield Glade	18b	443.850	100.0	W4GGM	Columbia	60b	443.175	100.0
NE4MA	Nashville	19	442.800	107.2	WA4VVX	Lobelville	68	442.850	107.2
W4CAT	Pasquo	19b	443.975	107.2	W4EOC	Cookeville	71	444.600	107.2
K4NVX	Pulaski	28	443.550	100.0	N4AAN	Cross Plains	74	443.900	107.2
W4LDG	Clinch Mountain	29	444.725	156.7	W4KEV	Gatlinburg	78	444.900	100.0
W4KEV	Greeneville	30	443.825	100.0	W4KEV	Sevierville	78b	444.000	103.5
K4VCM	Signal Mountain	33	443.125	103.5	W4CAT	Gallatin	83	444.450	107.2
NO4Q	McEwen	43	443.375	114.8	KF4AKV	Wayne County	91	443.950	100.0
W4KEV	Jefferson	45	443.725	100.0	WC4EOC	Heritage	94	443.075	156.7
					WC4EOC	Franklin	94b	443.475	107.2

Links and locations shown in RED are temporarily out of service. The new McEwen (Humphreys County) link #43 came online on 2/16/2025 but has issues and is pending antenna work. Link #02 in Deason (Bedford County) is in standalone mode pending antenna work. The CTCSS tone on link #78b in Sevierville (Sevier County) was changed from 100.0 Hz to 103.5 Hz as notified on 5/5/2025. The new Fayetteville (Lincoln County) link #52 was reported to be online on 6/13/2025. The link #33 call sign was corrected on 6/19/2025. Individual links may be down on a short-term basis due to weather issues or for maintenance.

Total Links	35
Down/Future Links	5
Active Links	30

Repeater links in green and operational to the best of our knowledge.

Repeater links and locations shown in red may be temporarily offline.

No new repeater links are known to be pending at this time.

You MUST be a Federally licensed amateur radio operator with a call sign to use the MTEARS system. Unauthorized use of amateur radio equipment is a direct violation of US Federal law under title 47, Part 97, of the US Code of Federal Regulations.

Revised MTEARS UHF Repeater System Links by County

West Tennessee

Madison County

Jackson **57** 444.450 123.0

Middle Tennessee

Bedford County

Deason **02** 442.700 100.0

Cannon County

Short Mountain **08** 444.650 107.2

Coffee County

Tullahoma **16** 443.950 107.2

Cumberland County

Crossville **18** 443.875 88.5

Fairfield Glade **18b** 443.850 100.0

Davidson County

Nashville **19** 442.800 107.2

Pasquo **19b** 443.975 107.2

Giles County

Pulaski **28** 443.550 100.0

Humphreys County

McEwen **43** 443.375 114.8

Lawrence County

Lawrenceburg **50** 443.400 100.0

Lewis County

Hohenwald **51** 444.850 100.0

Lincoln County

Fayetteville **52** 442.300 127.3

Maury County

Southport **60** 442.725 100.0

Columbia **60b** 443.175 100.0

Perry County

Lobelville **68** 442.850 107.2

Putnam County

Cookeville **71** 444.600 107.2

Middle Tennessee (continued)

Robertson County

Cross Plains **74** 443.900 107.2

Sumner County

Gallatin **83** 444.450 107.2

Wayne County

Wayne County **91** 443.950 100.0

Williamson County

Nolensville HUB **H** 443.725 107.2

Heritage **94** 443.075 156.7

Franklin **94b** 443.475 107.2

East Tennessee

Anderson County

Oak Ridge **01** 441.925 100.0

Blount County

Maryville **05** 443.900 100.0

Bradley County

Cleveland **06** 442.025 100.0

Grainger County

Clinch Mountain **29** 444.725 156.7

Greene County

Greeneville **30** 443.825 100.0

Hamilton County

Signal Mountain **33** 443.125 103.5

Knox County

Knoxville **47** 442.500 100.0

West Knoxville **47b** 444.500 100.0

Northeast Knoxville **47c** 443.225 100.0

Jefferson County

Jefferson **45** 443.725 100.0

Sevier County

Gatlinburg **78** 444.900 100.0

Sevierville **78b** 444.000 103.5

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Individual links may be down on a short-term basis due to weather issues or for maintenance.

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Revised MTEARS UHF Repeater System Links by Frequency

Division/County/Location	Link #	MHz	CTCSS	Division/County/Location	Link #	MHz	CTCSS
East/Anderson/Oak Ridge	01	441.925	100.0	East/Greene/Greeneville	30	443.825	100.0
East/Bradley/Cleveland	06	442.025	100.0	Middle/Cumberland/Fairfield Glade	18b	443.850	100.0
Middle/Lincoln/Fayetteville	52	442.300	127.3	Middle/Cumberland/Crossville	18	443.875	88.5
East/Knox County/Knoxville	47	442.500	100.0	East/Blount/Maryville	05	443.900	100.0
Middle/Bedford/Deason	02	442.700	100.0	Middle/Robertson/Cross Plains	74	443.900	107.2
Middle/Maury/Southport	60	442.725	100.0	Middle/Coffee/Tullahoma	16	443.950	107.2
Middle/Davidson/Nashville	19	442.800	107.2	Middle/Wayne County	91	443.950	100.0
Middle/Perry/Lobelville	68	442.850	107.2	Middle/Davidson/Pasquo	19b	443.975	107.2
Middle/Williamson/Heritage	94	443.075	156.7	East/Sevier/Sevierville	78b	444.000	103.5
East/Hamilton/Signal Mountain	33	443.125	103.5	Middle/Sumner/Gallatin	83	444.450	107.2
Middle/Maury/Columbia	60b	443.175	100.0	West/Madison/Jackson	57	444.450	123.0
East/Knox/Northeast Knoxville	47c	443.225	100.0	East/Knox/West Knoxville	47b	444.500	100.0
Middle/Humphreys/McEwen	43	443.375	114.8	Middle/Putnam/Cookeville	71	444.600	107.2
Middle/Lawrence/Lawrenceburg	50	443.400	100.0	Middle/Cannon/Short Mountain	08	444.650	107.2
Middle/Williamson/Franklin	94b	443.475	107.2	East/Grainger/Clinch Mountain	29	444.725	156.7
Middle/Giles/Pulaski	26	443.550	100.0	Middle/Lewis/Hohenwald	51	444.850	100.0
East/Jefferson/Jefferson	45	443.725	100.0	East/Sevier/Gatlinburg	78	444.900	100.0
Middle/Williamson/Nolensville HUB	H	443.725	107.2				

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