

✓ Regional Frequency Chart: Emergency Communications Reference



From "**How Can I Communicate
When Networks Fail?**"

The Prepared Home Series by
[Le Petit Simon](#)

Emergency Broadcast Frequencies

NOAA Weather Radio Frequencies

Channel	Frequency (MHz)	Typical Coverage
1	162.400	Primary regional broadcasts
2	162.425	Secondary coverage areas
3	162.450	Additional coverage areas
4	162.475	Supplemental coverage
5	162.500	Regional variations
6	162.525	Local coverage areas
7	162.550	Primary metropolitan areas

Emergency Alert System (EAS) Primary Stations

Northeast Region:

- Boston: WBZ (1030 AM), WBUR (90.9 FM)
- New York: WCBS (880 AM), WNYC (93.9 FM)
- Philadelphia: KYW (1060 AM), WHYY (90.9 FM)

Southeast Region:

- Atlanta: WSB (750 AM), WABE (90.1 FM)
- Miami: WFOR (610 AM), WLRN (91.3 FM)
- New Orleans: WWL (870 AM), WWNO (89.9 FM)

Midwest Region:

- Chicago: WBBM (780 AM), WBEZ (91.5 FM)
- Detroit: WWJ (950 AM), WDET (101.9 FM)
- Minneapolis: WCCO (830 AM), MPR (91.1 FM)

Mountain Region:

- Denver: KOA (850 AM), CPR (90.1 FM)
- Salt Lake City: KSL (1160 AM), KUER (90.1 FM)
- Phoenix: KTAR (92.3 FM), KJZZ (91.5 FM)

West Coast Region:

- Los Angeles: KNX (1070 AM), KPCC (89.3 FM)
- San Francisco: KCBS (740 AM), KQED (88.5 FM)
- Seattle: KIRO (710 AM), KUOW (94.9 FM)

Amateur Radio Emergency Frequencies

VHF/UHF Calling Frequencies

Band	Frequency (MHz)	Purpose
2m	146.520	National Simplex Calling Frequency
2m	147.000-147.995	Repeater Output (odd splits)
2m	146.000-146.995	Repeater Input (even splits)
70cm	446.000	National UHF Simplex Calling
70cm	447.000-448.000	Repeater Output (+5MHz splits)

HF Emergency Frequencies

Band	Frequency (MHz)	Usage
80m	3.985	Atlantic Region Emergency Net
80m	3.950	Midwest Region Emergency Net
80m	3.925	Pacific Region Emergency Net
40m	7.290	National Emergency Frequency
40m	7.242	Alternative Emergency Frequency
20m	14.300	International Emergency Center of Activity
20m	14.275	Alternative International Emergency

ARES/RACES Common Frequencies

Region	Primary VHF (MHz)	Secondary VHF (MHz)
Northeast	145.310/-600 kHz	147.165/+600 kHz
Southeast	145.350/-600 kHz	146.925/-600 kHz
Midwest	146.580 (simplex)	145.290/-600 kHz
Mountain	147.120/+600 kHz	146.760/-600 kHz
West	146.880/-600 kHz	145.130/-600 kHz

License-Free Radio Services

FRS/GMRS Channels

Channel	Frequency (MHz)	Max Power (FRS)	Max Power (GMRS)	Notes
1	462.5625	2 watts	5 watts	Shared FRS/GMRS
2	462.5875	2 watts	5 watts	Shared FRS/GMRS
3	462.6125	2 watts	5 watts	Shared FRS/GMRS
4	462.6375	2 watts	5 watts	Shared FRS/GMRS
5	462.6625	2 watts	5 watts	Shared FRS/GMRS
6	462.6875	2 watts	5 watts	Shared FRS/GMRS
7	462.7125	2 watts	5 watts	Shared FRS/GMRS
8	467.5625	0.5 watts	0.5 watts	FRS only
9	467.5875	0.5 watts	0.5 watts	FRS only
10	467.6125	0.5 watts	0.5 watts	FRS only

11	467.6375	0.5 watts	0.5 watts	FRS only
12	467.6625	0.5 watts	0.5 watts	FRS only
13	467.6875	0.5 watts	0.5 watts	FRS only
14	467.7125	0.5 watts	0.5 watts	FRS only
15	462.5500	2 watts	50 watts	GMRS repeater input
16	462.5750	2 watts	50 watts	GMRS repeater input
17	462.6000	2 watts	50 watts	GMRS repeater input
18	462.6250	2 watts	50 watts	GMRS repeater input
19	462.6500	2 watts	50 watts	GMRS repeater input
20	462.6750	2 watts	50 watts	GMRS repeater input
21	462.7000	2 watts	50 watts	GMRS repeater input
22	462.7250	2 watts	50 watts	GMRS repeater input

MURS Frequencies (No License Required)

Channel	Frequency (MHz)	Bandwidth	Max Power
1	151.820	11.25 kHz	2 watts
2	151.880	11.25 kHz	2 watts
3	151.940	11.25 kHz	2 watts
4	154.570	20.00 kHz	2 watts
5	154.600	20.00 kHz	2 watts

CB Radio Emergency Information

- **Channel 9 (27.065 MHz):** Official emergency channel
- **Channel 19 (27.185 MHz):** Highway communication/information
- Maximum legal power: 4 watts AM / 12 watts SSB

International Distress Frequencies

Marine VHF Emergency Channels

Channel	Frequency (MHz)	Usage
16	156.800	International Distress, Safety, and Calling
9	156.450	Boater Calling Channel
70	156.525	Digital Selective Calling (DSC)
06	156.300	Ship-to-Ship Safety
13	156.650	Bridge-to-Bridge Navigation Safety

Aviation Emergency Frequencies

Service	Frequency (MHz)	Usage
Primary	121.500	International Air Distress
Military	243.000	Military Air Emergency
Search & Rescue	123.100	SAR Operations

Global Maritime Distress and Safety System (GMDSS)

Band	Frequency	Mode	Purpose
MF	2182 kHz	SSB	Traditional Maritime Distress
HF	4125 kHz	SSB	Maritime Mobile Distress
HF	6215 kHz	SSB	Maritime Mobile Distress
HF	8291 kHz	SSB	Maritime Mobile Distress
HF	12290 kHz	SSB	Maritime Mobile Distress
HF	16420 kHz	SSB	Maritime Mobile Distress

Digital Communication Systems

APRS Frequencies

Region	Frequency (MHz)	Notes
North America	144.390	Primary APRS frequency
Europe	144.800	Primary APRS frequency
Australia	145.175	Primary APRS frequency
Japan	144.660	Primary APRS frequency

Winlink Frequencies

Band	Frequency	Mode	Region
80m	3.593 MHz	Winlink	Continental US
40m	7.102 MHz	Winlink	Continental US
20m	14.105 MHz	Winlink	International
2m	145.050 MHz	Winlink	Regional (VHF)

DMR Emergency Talk Groups

Talk Group	ID	Usage
World Wide	91	International Emergency
North America	93	Continental Emergency
Local	8	Local Area Emergency
TAC 1	8951	Tactical Emergency 1
TAC 2	8952	Tactical Emergency 2

Important Reminders

- Always listen before transmitting on any frequency
- Identify yourself according to service regulations
- Keep transmissions brief during emergencies
- Give priority to emergency traffic
- Reserve emergency channels for actual emergencies
- Follow directed net protocols when in operation

This information is current as of May 2025. Frequency allocations may change based on regulatory updates.

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PERSONAL NOTES:

Updated: May 14th, 2025

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