

PUBLIC USE FREQUENCY CHARTS

| CB RADIO FREQUENCIES | | |
|----------------------|-------------------|--|
| CHANNEL NAME | FREQUENCY | USAGE |
| CB Channel 1 | 26.965 MHz | Open to everyone |
| CB Channel 2 | 26.975 MHz | Open to everyone |
| CB Channel 3 | 26.985 MHz | Open to everyone |
| CB Channel 4 | 27.005 MHz | Default 4x4s/offroading frequency |
| CB Channel 5 | 27.015 MHz | Open to everyone |
| CB Channel 6 | 27.025 MHz | Open to everyone |
| CB Channel 7 | 27.035 MHz | Open to everyone |
| CB Channel 8 | 27.055 MHz | Open to everyone |
| CB Channel 9 | 27.065 MHz | Emergencies Only |
| CB Channel 10 | 27.075 MHz | Open to everyone, often used by truckers |
| CB Channel 11 | 27.085 MHz | Open to everyone |
| CB Channel 12 | 27.105 MHz | Open to everyone |
| CB Channel 13 | 27.115 MHz | Open to everyone, often used by civilian boats and RVs |
| CB Channel 14 | 27.125 MHz | Open to everyone, often used by walkie-talkies |
| CB Channel 15 | 27.135 MHz | Open to everyone |
| CB Channel 16 | 27.155 MHz | Open to everyone, used for SSB radio |
| CB Channel 17 | 27.165 MHz | Open to everyone, often used by truckers |
| CB Channel 18 | 27.175 MHz | Open to everyone |
| CB Channel 19 | 27.185 MHz | Trucker east-west highway traffic |
| CB Channel 20 | 27.205 MHz | Open to everyone |
| CB Channel 21 | 27.215 MHz | Open to everyone, often used by truckers |
| CB Channel 22 | 27.225 MHz | Open to everyone |
| CB Channel 23 | 27.255 MHz | Open to everyone |
| CB Channel 24 | 27.235 MHz | Open to everyone |

| CB RADIO FREQUENCIES | | |
|-----------------------------|------------|--|
| CB Channel 25 | 27.245 MHz | Open to everyone |
| CB Channel 26 | 27.265 MHz | Open to everyone |
| CB Channel 27 | 27.275 MHz | Open to everyone |
| CB Channel 28 | 27.285 MHz | Open to everyone |
| CB Channel 29 | 27.295 MHz | Open to everyone |
| CB Channel 30 | 27.305 MHz | Open to everyone |
| CB Channel 31 | 27.315 MHz | Open to everyone |
| CB Channel 32 | 27.325 MHz | Open to everyone |
| CB Channel 33 | 27.335 MHz | Open to everyone |
| CB Channel 34 | 27.345 MHz | Open to everyone |
| CB Channel 35 | 27.355 MHz | Open to everyone |
| CB Channel 36 | 27.365 MHz | Open to everyone, used for SSB radio |
| CB Channel 37 | 27.375 MHz | Open to everyone, used for SSB and LSB radio |
| CB Channel 38 | 27.385 MHz | Open to everyone, used for SSB radio |
| CB Channel 39 | 27.395 MHz | Open to everyone, used for SSB radio |
| CB Channel 40 | 27.405 MHz | Open to everyone, used for SSB radio |

| FRS/GMRS FREQUENCIES | | | | |
|-----------------------------|------------------|-------------------------|--------------------------|--------------------------------------|
| CHANNEL NAME | FREQUENCY | MAX. POWER (FRS) | MAX. POWER (GMRS) | USAGE |
| FRS Channel 1 | 462.5625 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 2 | 462.5875 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 3 | 462.6125 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 4 | 462.6375 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 5 | 462.6625 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 6 | 462.6875 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 7 | 462.7125 MHz | 2 W | 5 W | Shared FRS/GMRS public use |
| FRS Channel 8 | 467.5625 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 9 | 467.5875 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 10 | 467.6125 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 11 | 467.6375 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 12 | 467.6625 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 13 | 467.6875 MHz | 0.5 W | 0.5 W | Shared FRS/GMRS public use |
| FRS Channel 14 | 467.7125 MHz | 0.5 W | 0.5 W | FRS public use, GMRS repeater output |
| FRS Channel 15 | 462.5500 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 16 | 462.5750 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 17 | 462.6000 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 18 | 462.6250 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 19 | 462.6500 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 20 | 462.6750 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 21 | 462.7000 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| FRS Channel 22 | 462.7250 MHz | 2 W | 50 W | FRS public use, GMRS repeater output |
| GMRS Channel 1 | 467.5500 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 2 | 467.5750 MHz | N/A | 50 W | GMRS repeater input only |

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|----------------|--------------|-----|------|--------------------------|
| GMRS Channel 3 | 467.6000 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 4 | 467.6250 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 5 | 467.6500 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 6 | 467.6750 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 7 | 467.7000 MHz | N/A | 50 W | GMRS repeater input only |
| GMRS Channel 8 | 467.7250 MHz | N/A | 50 W | GMRS repeater input only |

| MURS FREQUENCIES | | |
|-------------------------------------|---------------------|--|
| CHANNEL NAME | FREQUENCY | USAGE |
| MURS Channel 1 / "Calling" | 151.8200 MHz | Unofficial MURS calling channel |
| MURS Channel 2 / "Safety" | 151.8800 MHz | Recommended simplex repeater/crossband repeater channel (156.7 Hz CTCSS tone) and SAFETY channel - TX 210.7 Hz CTCSS 210.7 PL |
| MURS Channel 3 / "Emergency" | 151.9400 MHz | Recommended prepper/emergency management, disaster response calling and working channel - TX 88.5 Hz CTCSS or 141.3 Hz CTCSS 141.3 PL |
| MURS Channel 4 "Blue Dot" | 154.5700 MHz | Old Business Radio Service frequency, heavily used by stores, construction sites, etc. |
| MURS Channel 5 "Green Dot" | 154.6000 MHz | Old Business Radio Service frequency, heavily used by stores, construction sites, etc. |

AMATEUR RADIO FREQUENCY CHART

| BAND NAME | FREQUENCY RANGE | USAGE |
|--------------------|-----------------------|--|
| 80 Metre Band | 3.5 - 3.9 MHz | Regional (long-range) communication, especially at night time due to its strong propagation. |
| 60 Metre Band | 5.351.5 - 5.366.5 MHz | Emergency broadcasts, intermediate-range casual contact. |
| 40 Metre Band | 7.0 - 7.3 MHz | One of the most popular HF bands. Good for regional and international communication, effective both day and night. |
| 30 Metre Band | 10.1 - 10.15 MHz | Unwieldy propagation. Can be good for long-range, but very fickle and time-dependent. |
| 20 Metre Band | 14 - 14.35 MHz | Best all-around HF band, reliable during daytime and still usable at night. The most crowded one when it comes to amateur radio. |
| 17 Metre Band | 18.068 - 18.168 MHz | Almost as serviceable as the 20 metre band. Used when 20 metre band is too crowded. |
| 15 Metre Band | 21 - 21.45 MHz | Amateur long-distance communication. Most useful during the day. Harmonically related to the 40 metre band, which means that an antenna tuned for that band can also easily use this band. We are currently at a solar maximum ¹ , which makes this band more efficient and powerful during daylight hours. |
| 12 Metre Band | 24.89 - 24.99 MHz | Similar to 10 metre band, but used when that band is too crowded. |
| 10 Metre Band | 28 - 29.7 MHz | Most efficient during daylight hours. Long-distance opportunities via 10 metre seem to follow the sun across the globe. In North America, for instance, it might bring Europe and western Asia in the morning, the Americas during midday, and the Pacific and East Asia in late afternoon and early evening. |
| 6 Metre Band | 50 - 54 MHz | Called the "Magic Band" due to unpredictable propagation. Unreliable and not recommended for emergency communications. |
| 2 Metre Band | 144 - 148 MHz | Very popular for being local, reliable and accessible by short monopole antennas. The most used band for local emergency communications efforts, such as providing communications between Red Cross shelters and local authorities. 2 metre should always be your first choice when randomly roaming amateur bands. |
| 70 Centimetre Band | 420- 450 MHz | Better building penetration than VHF bands. Popular ham band due to the ready availability of equipment. |

- 1- Due to quirks with how radio waves interact with the atmosphere, some frequencies are more efficient during [solar maximums](#) when used in daylight hours. The next maximum will be in mid-to-late 2025, ending in early 2027, and declining from 2027 to 2031, down to the minimum in 2031-2032. These predictions aren't definitive— solar cycles are notoriously difficult to track and predict.