

Shortwave Broadcast Bands and Amateur Radio HF Band Limits

Short Wave Broadcast Bands:

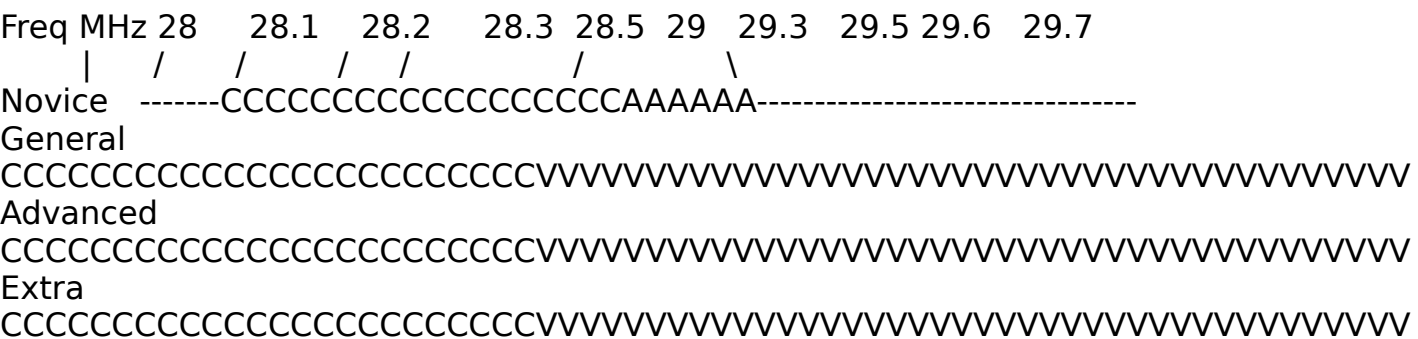
- 120 meters: 2300 to 2500 kHz
- 90 meters: 3200 to 3400 kHz
- 75 meters: 3900 to 4000 kHz
- 60 meters: 4750 to 5060 kHz
- 49 meters: 5950 to 6200 kHz
- 41 meters: 7100 to 7300 kHz
- 31 meters: 9500 to 9775 kHz
- 25 meters: 11700 to 11975 kHz
- 19 meters: 15100 to 15450 kHz
- 16 meters: 17700 to 17900 kHz
- 13 meters: 21450 to 21750 kHz
- 11 meters: 25600 to 26100 kHz

These are the major frequency bands that are used by short wave broadcasters. The 120 to 41 meter bands are usually most active after dark and 31 to 11 meters are active during hours of daylight.

Amateur Radio HF Band Limits:

- Key -
- = Frequency range not allowed for class of license
 - N = Novice <CW only>
 - C = CW, FSK
 - V = CW, SSTV, FAX, Voice
 - A = CW, SSB

10 Meters -



6 Meters -

Freq MHz 50.0 50.1 52.0 53.0 54.0

/ | \
E,A,G,T
CCCCCCCCCBB

2 Meters -

Freq MHz 144.0 144.1 145.0 147.0 148.0

/ | \
E,A,G,T
CCCCCCCCCCCCCBB

1 1/4 Meters -

Freq MHz 220.0 221.0 222.1 223.91 225.0

/ / \ \
Novice -----BBBBBBBBBBBBBBBB-----
E,A,G,T
BB

70 cm -

Freq MHz 420.0 450.0

/ \
E,A,G,T
BB

33 cm -

Freq MHz 902.0 928.0

/ \
E,A,G,T
BB

U.S. Amateur Power Limits:

At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Unless otherwise stated the maximum power output is 1500 Watts. Power for all license classes is limited to 200 watts in the 10,100 - 10,150 KHz band and in all Novice subbands below 28,100 KHz. Novices and Technicians are restricted to 200 watts in the 28,100 - 28,500 KHz subband. In addition, Novices are restricted to 25 watts in the 222.1 - 223.91 MHz subband and 5 watts in the 1270 - 1295 MHz subband.

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