

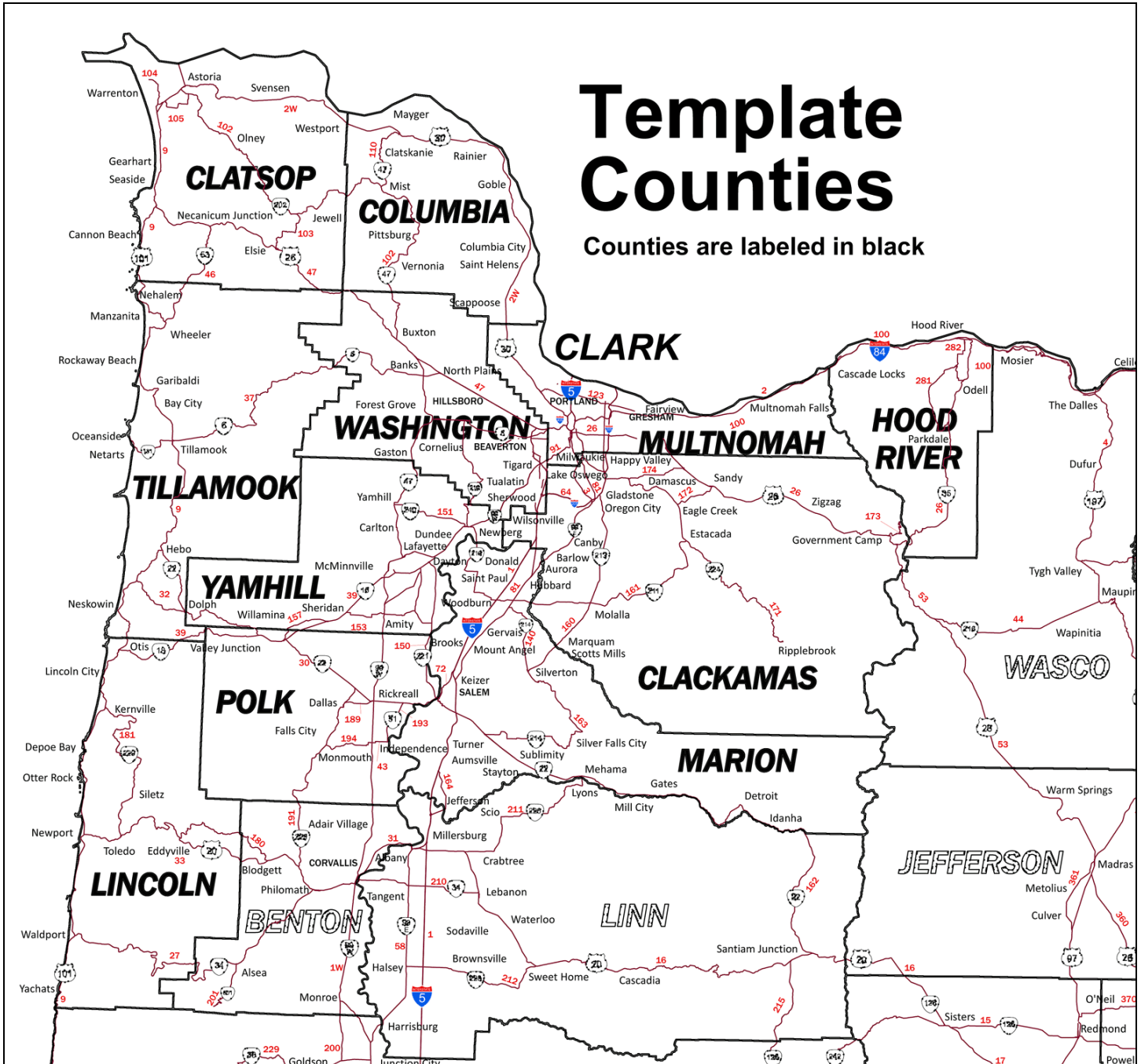
Oregon Regional VHF/UHF Ham Template

Emergency Response Frequencies

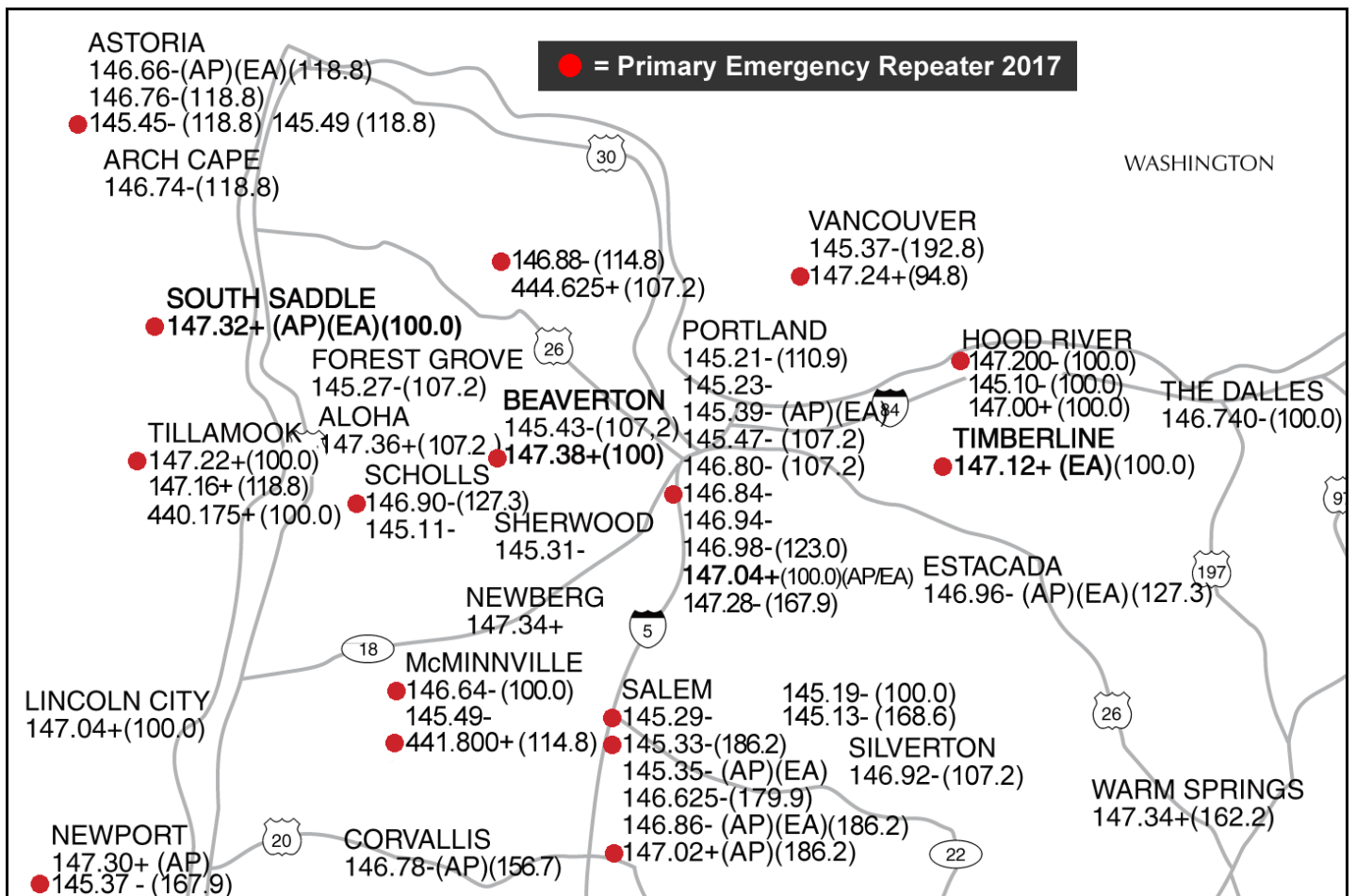
2017

Template Counties

Counties are labeled in black



Contact: Kent Powloski N7KPN, N7KPN@arri.net



HF Frequencies MHz

1.9780 LSB	Oregon State-wide ARES/RACES Net
3.9640 LSB	Oregon State-wide ARES/RACES Net
3.9700 LSB	Noontime Net (Daily 12 – 2 PM)
3.9750 LSB	Washington WARTS Net (Daily 6 PM Daylight / 5 PM Standard Time)
3.9200 LSB	Beaver State Net (Daily 5:30 PM)
3.9800 LSB	Oregon Emergency Net (Daily 6 PM)
3.9850 LSB	Washington ARES Net (Mon. 6:30 PM / 5:30 winter) [alternate 7.245]
5.330.5 USB	FEMA Interop Channel 1 (50 w ERP max.) [OEM Monitored]
5.346.5 USB	Interop Channel 2 (50 w ERP max.)
7.2480 LSB	Oregon State-wide ARES/RACES Net
7.2685 LSB	Noontime Net (Daily 12 – 2 PM) [alternate 7.2835]
28.4000 USB	Local Ground Wave USB
52.5250 FM	Six Meter National Calling FM
50.1250 USB	Six Meter National Calling USB

2017 Oregon Regional Ham Template

2017

PERSONAL USE SECTION – Add the channels you need here

Channel	Alias	Freq	Offset	Tone	Description
1					
2					
3					
4					
5					
6					
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20					

CLACKAMAS COUNTY

Channel	Alias	Freq	Offset	Tone	Description
21	CLAC 1	147.120	+0.600	100.0	Clackamas Primary Repeater [OEM Monitored]
22	CLAC 2	147.140	+0.600	107.2	Clackamas Secondary Repeater
23	CLAC 3	146.415	--	--	Clackamas Primary Simplex
24	CLAC 4	146.960	-0.600	127.3	Clackamas Tertiary Repeater (W7OTV)
25	CLAC 5	146.920	-0.600	107.2	Clackamas South County ARES Repeater
26	CLAC 6	146.580	--	--	Clackamas South County ARES Simplex
27	CLAC 7	442.075	+5	103.5	Oregon City ARES Repeater
28	CLAC 8	146.560	--	--	Oregon City ARES Simplex
29	CLAC 9	146.500	--	--	Lake Oswego ARES Simplex
30	CLAC 10	145.770	--	--	Packet Clackamas Co. EOC (kd7zdo@w7szs.or.us.noam)
31	CLAC 11	145.570	--	--	RMS KD7ZDO-10 packet gateway / EOC: kd7zdo@winlink.org
32	CLAC 12	147.500	--	--	Clackamas North County ARES Simplex
33	CLAC 13	147.510	--	--	Clackamas West County ARES Simplex

CLARK COUNTY

Channel	Alias	Freq	FOffset	Tone	Description
34	CLRK 1	147.240	+0.6	94.8	Clark Secondary Repeater - W7AIA
35	CLRK 2	443.925	+5	94.8	Clark Primary Repeater - W7AIA
36	CLRK 3	443.125	+5	94.8	Clark Tertiary Repeater - W7AIA
37	CLRK 4	147.240	--	--	Clark No-Repeater Simplex - NCS (Talk-Around Secondary Rptr.)
38	CLRK 5	147.530	--	--	Clark Common Simplex
39					
40	CLRK26	442.375	+5	123	Clark Traffic Repeater - AB7F
41	CLRK27	443.675	+5	107.2	Clark Traffic Repeater - KE7FUW
42					
43					
44	CLRK45	223.700	--	--	RMS K7YFJ-11, K7GJT-11 (1200Bd)
45	CLRK46	144.990	--	--	Packet BBS K7CLL-8 (1200Bd)
46	CLRK47	441.060	--	--	Packet BBS K7CLL-8 (9600Bd)
47	CLRK48	144.920	--	--	RMS K7YFJ-10, KA7CTT-10 (1200Bd) / EOC: k7yfi@winlink.org
48	CLRK49	441.525	--	--	RMS K7YFJ-12, K7GJT-12 (9600Bd)
49	CLRK50	144.940	--	--	RMS K7GJT-10, KB7APU-10 (1200Bd)

COLUMBIA COUNTY

Channel	Alias	Freq	Offset	Tone	Description
50	COL 1	146.880	-0.6	114.8	Columbia Primary Repeater
51	COL 2	444.625	+5	107.2	Columbia Secondary Repeater
52	COL 3	146.500	--	--	Columbia Primary Simplex
53	COL 4	147.470	--	--	Columbia Secondary Simplex
54	COL 5	146.440	--	--	Columbia Tactical Simplex
55	COL 6	146.680	-0.6	114.8	Columbia South County
56	COL 7				
57	COL 8	145.270	-0.6	107.2	Timber Repeater (Clatsop - Tillamook Co. D1 link)
58	COL 9	145.250	-0.6	114.8	Vernonia Repeater
59	COL 10				
60	COL 11				
61	COL 12	144.920	--	--	RMS KC7COL-10 / Columbia Co. EOC: kc7col@winlink.org
62	COL 13	3.596	USB	--	RMS KC7COL Pactor/Winmor EOC HF gateway (dial frequency)

MULTNOMAH COUNTY

Channel	Alias	Freq	Offset	Tone	Description
63	MC 1	146.840	-0.6	--	Multnomah Primary Repeater
64	MC 2	147.280	+0.6	167.9	Multnomah Secondary Repeater
65	MC 3	146.940	-0.6	--	Multnomah Tertiary Repeater
66	MC 4	146.480	--	--	Multnomah Primary Simplex
67	MC 5	146.460	--	--	Multnomah Secondary Simplex
68	MC 6	147.040	+0.6	100.0	Multnomah Delta Repeater
69	MC 7	147.560	--	--	Gresham Simplex
70	MC 8	147.580	--	--	NET-Tac 1 Portland Bureau of Emergency Management
71	MC 9	147.540	--	--	NET-Tac 2 Portland Bureau of Emergency Management
72	MC 10	145.070	--	--	RMS K7MCE-10 / Packet K7EOC-1 / EOC: k7mce@winlink.org
73	MC 11	146.840	--	--	Talk-Around Multnomah Primary Repeater
74	MC 12	147.280	--	--	Talk-Around Multnomah Secondary Repeater
75	MC 13	146.940	--	--	Talk-Around Multnomah Tertiary Repeater
76	MC 14	147.040	--	--	Talk-Around Multnomah Delta Repeater

WASHINGTON COUNTY

Channel	Alias	Freq	Offset	Tone	Description
77	WC 1	146.900	-0.6	127.3	Washington Primary Repeater
78	WC 2	147.360	0.6	107.2	Washington Secondary Repeater
79	WC 3	440.350	+5	127.3	Washington Tertiary Repeater
80	WC 4	147.400	--	--	Washington Primary Simplex
81	WC 5	146.440	--	--	Washington Secondary Simplex
82	WC 6	147.440	--	--	Land Use Transportation (LUT) Simplex
83	WC 7	147.500	--	--	TVF&R Simplex
84	WC 8	147.560	--	--	DStar-DRats 1200 Bd / WCCCA Simplex
85	WC 9	440.550	+5	--	DStar Repeater N7QQU B
86	WC 10	432.200	--	--	Washington UHF Primary Simplex
87	WC 11	145.550	--	--	RMS Relay Post Office KC7PMU-10 (1200 Bd)
88	WC 12		--	--	
89	WC 13	144.980	--	--	RMS WC7EOC-10 Washington Co. EOC: wc7eoc@winlink.org
90	WC 14	444.975	+5	107.2	Intel K7CPU
91	WC 15	145.050	--	--	RMS K7TRP-10, N7OGM-10 (1200 Bd)
92	WC 16	145.580	--	--	RMS KD7RFI-10 (1200 Bd)
93	WC 17	147.540	--	--	DStar, SSTV Simplex
94	WC 18	145.040	--	--	RMS N7AAM-10 (1200 Bd)
95	WC 19	441.075	--	--	RMS K7CPU-10 Intel (1200 Bd)
96	WC 20	440.175	+ 5	110.9	Tigard CERT Repeater

OTHER AGENCIES

Channel	Alias	Freq	Offset	Tone	Description
97	D1-1	147.320	+0.6	100.0	D-1 Primary Net Repeater [OEM Monitored]
98	D1-2	146.840	-0.6	--	D-1 Secondary & Multnomah Co. ARES Primary Repeater
99	OEM 1	145.330	-0.6	186.2	OEM Oregon Emergency Management (Salem)
100	RED C1	146.980	-0.6	D023	Red Cross Repeater (Portland)
101	RED CR	147.420	--	--	Red Cross Simplex
102	HRT 1	145.230	-0.6	--	HEART Net Primary Repeater
103	HRT 2	442.700	+5	100.0	HEART Net Secondary Repeater
104	HRTSIM	146.600	--	--	HEART Simplex
105	OEM 2	147.020	+0.6	186.2	Oregon Emergency Management (Salem)
106					
107	INTEL1	145.520	--	--	Intel Emergency Amateur Radio Service (IEARS)
108					
109	TLMK 1	147.220	+0.6	100.0	Tillamook Primary Repeater [OEM Monitored]
110	TLMK 2	147.160	+0.6	118.8	Tillamook Central Repeater
111	TLMK 3	440.175	+5	100.0	Tillamook North Repeater
112	TLMK 4	441.250	+5	118.8	Tillamook South Repeater
113	TLMK 5	444.425	+5	107.2	Tillamook Nehalem Bay Repeater
114	TLMK 6	146.560	--	--	Tillamook North Simplex
115	TLMK 7	147.420	--	--	Tillamook Central Simplex
116	TLMK 8	147.500	--	--	Tillamook South Simplex
117	TLMK 9	144.950	--	--	RMS KB7EOC-10 Tillamook Co. EOC: kb7eoc@winlink.org
118	CLAT 1	145.450	-0.6	118.8	Clatsop Primary Repeater
119	CLAT 2	146.760	-0.6	118.8	Clatsop Secondary Repeater
120	CLAT 3	145.490	-0.6	118.8	Clatsop Tertiary Repeater
121	CLAT 4	146.580	--	--	Clatsop South Simplex
122	CLAT 5	147.580	--	--	Clatsop North Simplex
123	CLAT 6	146.400	--	--	Clatsop Seaside Simplex
124	CLAT 7	144.960	--	--	RMS W7CLA-10 Clatsop EOC: n7ast@winlink.org satellite link
125	CLAT 8	144.960	--	--	RMS KD7IBA-10 Astoria (1200 Bd) satellite link
126	CLAT 9	144.960	--	--	RMS WA7VE-10 Seaside (1200Bd) satellite link
127	LINC 1	145.370	-0.6	167.9	Lincoln Primary Repeater
128	LINC 2	147.040	+0.6	100.0	Lincoln Secondary Repeater
129	LINC 3	147.000	+0.6	136.5	Lincoln Tertiary Repeater
130	LINC 4	146.780	-0.6	156.7	Lincoln Alternate Repeater - Mary's Peak [OEM Monitored]
131	LINC 5	146.580	--	--	Lincoln Primary Simplex
132	LINC 6	145.090	--	--	RMS W7LCS-10 EOC: w7lcs@winlink.org / W7GC-10 Lincoln City
133	LINC 7	144.950	--	--	Alternate RMS Gateway Mt. Hebo W7GC-11
134	LINC 8				

OTHER AGENCIES Cont.

Channel	Alias	Freq	Offset	Tone	Description
135	YMHL 1	441.800	+5	114.8	Yamhill Primary Repeater W7YAM
136	YMHL 2	146.640	-0.6	100.0	Yamhill Secondary Repeater W7RXJ
137	YMHL 3	442.550	+5	100.0	Yamhill Tertiary Repeater KOINK
138	YMHL 4	147.460	--	--	Yamhill Primary Simplex
139	YMHL 5	147.520	--	--	Yamhill Secondary Simplex
140	YAM-10	144.920	--	--	RMS W7YAM-10 Yamhill Gateway Eola Hill
141	YAM-11	144.960	--	--	RMS W7YAM-11 Yamhill Gateway EOC: w7yam@winlink.org
142	POLK 1	147.020	+0.6	186.2	Polk Primary Repeater [OEM Monitored]
143	POLK 2	145.350	-0.6	186.2	Polk Secondary Repeater
144	POLK 3	145.330	-0.6	186.2	Polk Tertiary Repeater
145	POLK 4	146.500	--	--	Polk Primary Simplex
146	POLK 5	144.970	--	--	RMS W7PLK-10 Polk Gateway Polk Co. EOC: w7plk@winlink.org
147	POLK 6				
148	MARN 1	145.290	-0.6	--	Marion Primary Repeater
149	MARN 2	145.190	-0.6	100.0	Marion Secondary Repeater
150	MARN 3	146.460	--	--	Marion Primary Simplex
151	MARN 4	145.070	--	--	RMS K7MAR-10 Marion Gateway EOC: k7mar@winlink.org
152	MARN 5	431.200	--	--	UHF Simplex
153	HOOD 1	147.200	+0.6	100.0	Hood River Primary Repeater
154	HOOD 2	444.900	+5	100.0	Hood River Secondary Repeater
155	HOOD 3	147.100	+0.6	100.0	Hood River Tertiary Repeater
156	HOOD 4	147.500	--	--	Hood River Primary Simplex
157	HOOD 5	146.460	--	--	Hood River Secondary Simplex
158	HOOD 6	445.500	--	--	Hood River UHF Simplex
159	HOOD 7	145.750	--	--	RMS KA7HRC-10 Hood River EOC: ka7eoc@winlink.org
160	HOOD 8	440.750	--	--	RMS KA7HRC-10 Hood River (1200 Bd)

SIMPLEX CHANNELS

Channel	Alias	Freq	Offset	Tone	Description
161	SMPX01	146.400	--	--	Seaside Simplex / Hood River Secondary
162	SMPX02	146.420	--	--	Clackamas Primary / Clark County Eyewarn
163	SMPX03	146.440	--	--	Washington County Secondary / Columbia Tactical
164	SMPX04	146.460	--	--	OR ARES state simplex / Marion Primary / Multnomah Secondary
165	SMPX05	146.480	--	--	Multnomah Primary
166	SMPX06	146.500	--	--	Polk Primary / Columbia Primary
167	SMPX07	146.520	--	--	National VHF Simplex Calling Frequency
168	SMPX08	146.540	--	--	Clackamas East Primary
169	SMPX09	146.560	--	--	Oregon City ARES Primary
170	SMPX10	146.580	--	--	Lincoln Primary / Clatsop S. / Clackamas S.
171	SMPX11	146.600	--	--	HEART
172	SMPX12	147.400	--	--	Washington County Primary
173	SMPX13	147.420	--	--	Tillamook County Central / Red Cross Primary
174	SMPX14	147.440	--	--	Washington County Land Use & Transportation Simplex Traffic
175	SMPX15	147.460	--	--	Yamhill Primary / Hood River Secondary
176	SMPX16	147.480	--	--	Beaverton CERT Primary
177	SMPX17	147.500	--	--	Wash. Co. TVF&R / Till. Co. S / Hood R. Pri. / Clack. Co. Pri. N
178	SMPX18	147.520	--	--	Intel Emergency Am. Radio Service / Yamhill Secondary
179	SMPX19	147.540	--	--	PBEM NET-Tac 2 / Washington Co. SSTV Simplex Voice/Data
180	SMPX20	147.560	--	--	WashCo. WCCCA Simplex / DStar/DRats 1200 Bd./ Gresham
181	SMPX21	147.580	--	--	Clatsop County North Simplex / PBEM NET-Tac 1
UHF SIMPLEX					
182	SMPX22	431.025	--	--	
183	SMPX23	431.050	--	--	
184	SMPX24	431.075	--	--	
185	SMPX25	431.100	--	--	Hillsboro CERT Simplex 1
186	SMPX26	431.125	--	--	
187	SMPX27	431.150	--	--	PPS ARC Simplex 1
188	SMPX28	431.175	--	--	
189	SMPX29	431.200	--	--	Hillsboro CERT Simplex 2 / Marion Co. UHF Simplex
190	SMPX30	431.225	--	--	
191	SMPX31	431.250	--	--	PPS ARC Simplex 2
192	SMPX32	431.275	--	--	
193	SMPX33	431.300	--	--	Hillsboro CERT Simplex 3
194	SMPX34	432.125	--	--	
195	SMPX35	432.150	--	--	
196	SMPX36	432.175	--	--	
197	SMPX37	432.200	--	--	Washington Co. Primary UHF Simplex
198	SMPX38	432.225	--	--	
199	NUCALL	446.000	--	--	National UHF Simplex Calling Frequency

US Amateur Radio Bands

US AMATEUR POWER LIMITS

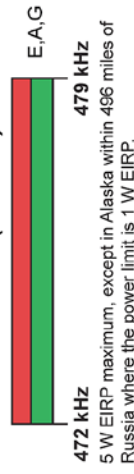
FCC 97.313 An amateur station must use the minimum transmitter power necessary to carry out the desired communications. (b) No station may transmit with a transmitter power exceeding 1.5 kW PEP.

On March 28, 2017, the Federal Communications Commission adopted rules that will allow Amateur Radio access to 472-479 kHz (630 meters) and to 135.7-137.8 kHz (2,200 meters). However, amateurs cannot use these frequencies until 30 days after the Report and Order is published in the Federal Register and the final procedures for registering stations with the Utilities Telecommunications Council (UTC) have been approved and announced. At the time this chart was created, the Report and Order had not been published and the UTC online registration site is not yet available. Follow ARRL news for further information. New charts will be published at www.arrl.org/graphical-frequency-allocations when the bands are fully available for use.

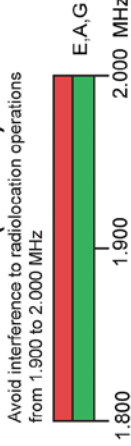
2,200 Meters (135 kHz)



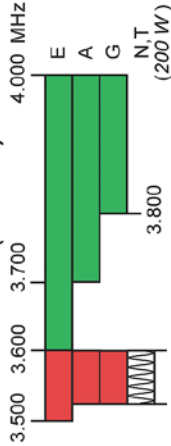
630 Meters (472 kHz)



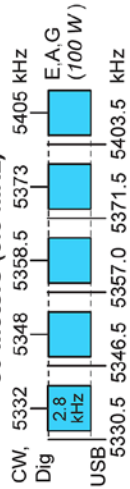
160 Meters (1.8 MHz)



80 Meters (3.5 MHz)

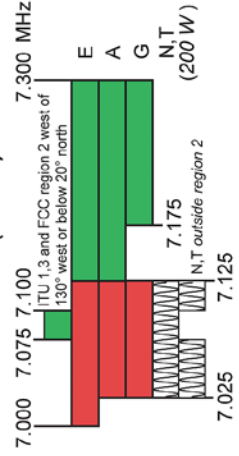


60 Meters (5.3 MHz)



General, Advanced, and Amateur Extra licensees may operate on these five channels on a secondary basis with a maximum effective radiated power (ERP) of 100 W PEP relative to a half-wave dipole. Permitted operating modes include upper sideband voice (USB), CW, RTTY, PSK31 and other digital modes such as PACTOR III. Only one signal at a time is permitted on any channel.

40 Meters (7 MHz)



Avoid interference to fixed services outside the US.

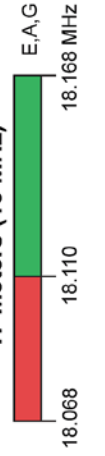
30 Meters (10.1 MHz)



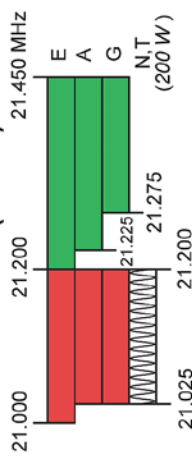
20 Meters (14 MHz)



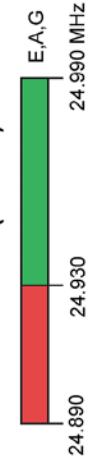
17 Meters (18 MHz)



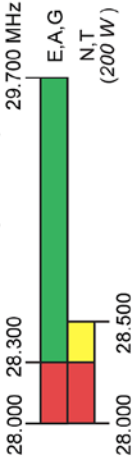
15 Meters (21 MHz)



12 Meters (24 MHz)



10 Meters (28 MHz)



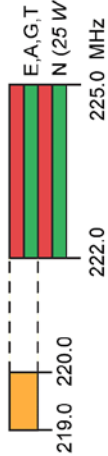
6 Meters (50 MHz)



2 Meters (144 MHz)



1.25 Meters (222 MHz)



*Geographical and power restrictions may apply to all bands above 420 MHz. See *The ARRL Operating Manual* for information about your area.

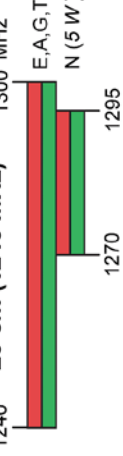
70 cm (420 MHz)*



33 cm (902 MHz)*



23 cm (1240 MHz)*



All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz	10.0-10.5 GHz †	122.25-123.0 GHz
2390-2450 MHz	24.0-24.25 GHz	134-141 GHz
3300-3500 MHz	47.0-47.2 GHz	241-250 GHz
5650-5925 MHz	76.0-81.0 GHz	All above 275 GHz

† No pulse emissions



The national association for
ARRL AMATEUR RADIO

KEY

Note:
CW operation is permitted throughout all amateur bands.
MCW is authorized above 50.1 MHz except for 144.0-144.1 and 219-220 MHz.
Test transmissions are authorized above 51 MHz, except for 219-220 MHz

- █ = RTTY and data
- █ = phone and image
- █ = CW only
- █ = SSB phone
- █ = USB phone, CW, RTTY, and data
- █ = Fixed digital message forwarding systems only

- E = Amateur Extra
- A = Advanced
- G = General
- T = Technician
- N = Novice

See ARRLWeb at www.arrl.org for detailed band plans.

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