COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET

Frequency Band
Amateur Radio

Description: Colorado ARES Region 1 District 1 Frequency Guide

Pg No	Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Repeater	1PRN		145.115 W	100	144.515 W	100	A	Horsetooth Mtn
2	Repeater	4PON		447.275 W	100	442.275 W	100	A	Horsetooth Mtn
3	Repeater	4PONCL		447.750 W	141.3	442.750 W	141.3	A	Lee Hill - Linked to 447.275
4	Repeater	4PONBK		448.025 W	100	443.025 W	100	A	Larimer Cty Fairgrounds
5	Repeater	1PRNBK		147.360 W	100	147.960 W	100	A	CSU - Durward Hall
6	Repeater	1SWOP		145.310 W	88.5	144.710 W	88.5	A	ColCon - Thordin (State Wide Ops)
7	Repeater	1SKWP		146.625 W	100	146.025 W	100	A	Buckhorn - Linked during WX Net
8	Repeater	4SKWP		447.700 W	100	442.700 W	100	A	Buckhorn - Linked during WX Net
9	Repeater	4SKWP1		449.600 W	100	444.600 W	100	A	Grover - Linked during WX Net
10	Repeater	1WXP		146.940 W	91.5	146.340 W	91.5	A	Front Range Weather Ops - Boulder
11	PAC Winlink	1PAC		145.030 W		145.030 W		D	Packet Winlink - W0UPS-10
12	PAC Winlink	1PAC1		145.070 W		145.070 W		D	Packet Winlink - W0LRA-10
13	VARA FM	1VARA		144.970 W		144.970 W		D	VARA FM - W0LRA-10
14	P2P Packet	1PAC2		145.010 W		145.010 W		D	P2P Winlink Packet
15	P2P VARA FM	1VARA2		145.020 W		145.020 W		D	P2P VARA FM
16	Simplex	1PRSX		146.400 W		146.400 W		A	Primary VHF Simplex
17	Simplex	1SECSX		146.565 W		146.565 W		A	Seconday VHF Simplex
18	Simplex	4PRSX		445.775 W		445.775 W		A	Primary UHF Simplex
19	Simplex	4SECSX		445.875 W		445.875 W		A	Seconday UHF Simplex
20	Simplex	1TCSX1		146.500 W		146.500 W		A	Primary Tactical Simplex (Skywarn)
21	Simplex	1TCSX2		147.420 W		147.420 W		A	Secondary Tactical Simplex (Skywarn)
22	Simplex	4TCSX1		446.225 W		446.225 W		A	Tactical UHF Simplex
23	Simplex	4TCSX2		446.275 W		446.275 W		A	Tactical UHF Simplex
24	APRS	1APRS		144.390 W		144.390 W		D	National APRS Freq
25	HF	40HF1		7.225 LSB +/-		7.225 LSB		A	Daytime NVIS
26	HF	80HF1		3.810 LSB +/-		3.810 LSB		A	Night Time NVIS
27	HF	60HF1		5.332 USB		5.332 USB		A	60 Meter NVIS/Data
		In addition to the above frequencies all RM Ham DMR repeaters should be programmed if DMR capabilities are available to user. RM Ham Talkgroup 721 may be used for Northern Region communications and Talkgroup 700 may be used for Statewide operations.							

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET

Frequency Band
Amateur Radio

Description: Colorado ARES Region 1 District 1 Frequency Guide

Pg No	Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq N or W	CC - TS	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Repeater	TG 721 North	Amatuer Radio	446.750 N	7 2	441.7500 N	7 2	D	DMR - Horsetooth Mtn
2	Repeater	TG 700 RM Wide	Amateur Radio	446.750 N	7 1	441.7500 N	7 1	D	DMR - Horsetooth Mtn
3	Repeater	TG 721 North	Amatuer Radio	448.1750 N	7 2	443.1750 N	7 2	D	DMR - Akron
4	Repeater	TG 700 RM Wide	Amateur Radio	448.1750 N	7 1	443.1750 N	7 1	D	DMR - Akron
5	Repeater	TG 721 North	Amatuer Radio	446.9875 N	7 2	441.9875 N	7 2	D	DMR - Boulder (Eldorado)
6	Repeater	TG 700 RM Wide	Amateur Radio	446.9875 N	7 1	441.9875 N	7 1	D	DMR - Boulder (Eldorado)
7	Repeater	TG 721 North	Amatuer Radio	449.9375 N	7 2	444.9375 N	7 2	D	DMR - Cheyenne
8	Repeater	TG 700 RM Wide	Amateur Radio	449.9375 N	7 1	444.9375 N	7 1	D	DMR - Cheyenne
9	Repeater	TG 721 North	Amatuer Radio	448.2000 N	7 2	443.2000 N	7 2	D	DMR - Fort Morgan
10	Repeater	TG 700 RM Wide	Amateur Radio	448.2000 N	7 1	443.2000 N	7 1	D	DMR - Fort Morgan
11	Repeater	TG 721 North	Amatuer Radio	446.7625 N	8 2	441.7625 N	8 2	D	DMR - CSU
12	Repeater	TG 722 Local Only	Amateur Radio	446.7625 N	8 1	441.7625 N	8 1	D	DMR - CSU
13	Repeater	TG 721 North	Amatuer Radio	445.2000 N	7 2	440.2000 N	7 2	D	DMR - Buckhorn Mtn
14	Repeater	TG 700 RM Wide	Amateur Radio	445.2000 N	7 1	440.2000 N	7 1	D	DMR - Buckhorn Mtn

Above listed DMR Repeater are maintained by Rocky Mountain Ham. www.rmham.org

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A"