

## Suggested 2m/70cm Frequencies for Cache County

CH #	Frequency	Tone	Mode	Name	Call	Location	Notes
001	145.310-	103.5	TSQ	REDSPR	WA7KMF	41.6369, -111.4156	BARC - Linked (#003 #006 #013) + Autopatch
002	146.640-	103.5	TSQ	CCSO	WA7MXZ	41.7372, -111.8656	BARC - Yaesu System Fusion
003	146.720-	103.5	TSQ	MTLOGN	AC7O	41.7136, -111.7169	BARC - Linked (#001 #006 #013) + Autopatch
004	146.800-	88.5	TSQ	SEDGPK	AE7TA	42.5158, -111.9236	BARC - Linked (#012)
005	147.200+	103.5	TSQ	IRLP	AC7O	41.7222, -111.8494	BARC - IRLP 3381/EchoLink 495125
006	147.260+	103.5	TSQ	PROM	WA7KMF	41.2578, -112.4408	BARC - Linked (#001 #003 #013) + Autopatch
007							
008							
009							
010							
011	448.750-	88.5	T	PRESTN	KE7EYY	42.0977, -111.8787	
012	449.375-	88.5	T	SEDGPK	AE7TA	42.5158, -111.9236	BARC - Linked (#004)
013	449.625-	103.5	TSQ	MTLOGN	AC7O	41.7136, -111.7169	BARC - Linked (#001 #003 #006) + Autopatch
014	449.650-	100.0	TSQ	INTTIE	AC7II	41.5510, -111.9369	Intermountain Intertie (UVHFS)
015	449.800-	103.5	TSQ	MTPSGA	WA7KMF	41.5510, -111.9369	BARC
016							
017							
018							
019							
020							

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CH #	Frequency	Tone	Mode	Name	Call	Location	Notes
021	146.420			ERC			Emergency Response Communications
022	146.440						General Purpose Simplex
023	146.460						General Purpose Simplex
024	146.520			CALL			National 2m Simplex Calling Frequency
025	146.540						General Purpose Simplex
026	146.560						General Purpose Simplex
027	147.520			BARC			BARC / ARES Simplex
028	147.540						General Purpose Simplex
029	147.560						General Purpose Simplex
030							
031	446.000			CALL			National 70cm Simplex Calling Frequency
032	446.500						General Purpose Simplex
033	447.800						General Purpose Simplex
034	447.825						General Purpose Simplex
035							
036							
037							
038							
039							
040							

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CH #	Frequency	Tone	Mode	Name	Call	Location	Notes
041	162.400			WLOGAN	WXM22	Logan	WFO = Salt Lake City, UT
042	162.425			WSDGPK	KZZ72	Sedgwick Peak	WFO = Pocatello, ID
043	162.450			WEVAN	KXI85	Evanston	WFO = Salt Lake City, UT
044	162.500			WBRLK	WXL63	Bear Lake	WFO = Salt Lake City, UT
045	162.525			WKEMER	KJY75	Kemmerer	WFO = Riverton, WY
046	162.550			WPOCA	WXL33	Pocatello	WFO = Pocatello, ID
047							
048							
049							
050							

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The purpose of this document is to provide newly licensed operators (or those who are new to Cache County) with a basic set of commonly used 2m/70cm frequencies. There is no "one size fits all" configuration as radio programming typically boils down to personal preference. These suggestions are intended to be used as a starting point for radio memory channel programming. Frequencies included should be kept to the smallest number possible to reduce complexity. Included frequencies use FM as their primary transmission mode. Other 2m/70cm modes (D-STAR, DMR, C4FM, AX.25, etc.) fall beyond the scope of this document. With few exceptions, all included frequencies assume operation within Cache County.

Channel 0 has been omitted from this document. Some radio models do not have a channel 0 and those that do may or may not allow it to be empty. If channel 0 is required, it is suggested that you fill it with a calling or "home" frequency of your choice.

If utilizing the NOAA Weather Radio frequencies on a Chinese radio, be sure to disable the transmit function. Instructions on how to accomplish this can be found the internet. 162.475 MHz has been omitted due to poor reception within Cache County.

CH 001-010 = 2m repeaters by frequency  
CH 021-030 = 2m simplex by frequency  
CH 041-050 = NOAA weather radio by frequency

CH 011-020 = 70cm repeaters by frequency  
CH 031-040 = 70cm simplex by frequency

ARES = Amateur Radio Emergency Service  
ERC = Emergency Response Communications (LDS)  
UVHFS = Utah VHF Society

BARC = Bridgerland Amateur Radio Club  
IRLP = Internet Radio Linking Project  
WFO = Weather Forecast Office

Tone Modes:

T = Repeater listens for specified tone

TSQ = Repeater both listens for & transmits specified tone

The Utah VHF Society maintains the authoritative repeater list for the state of Utah as well as the official VHF/UHF band plans (including simplex usage) on their web site at <http://utahvhfs.org/>.

On 2m, Utah uses a negative 600 kHz offset for repeaters with outputs on 147.000 MHz and below.

On 2m, Utah uses a positive 600 kHz offset for repeaters with outputs above 147.000 MHz.

On 70cm, Utah uses a negative 5 MHz offset for all repeater operation.