

CCARC FIELD DAY

2019

KEY POINTS

- ⦿ Location: 3900 NE 112th Ave
- ⦿ Date: June 22-23
 - Setup Friday June 21 starting at 9 AM
- ⦿ Class: 3A
 - 20 meters, 10 & 80 meters, 15 & 40 meters
 - VHF-UHF 6m, 2m, 70cm
 - GOTO 20 meters & 40 meters with coach
 - Satellite operation, winlink, seminars,
- ⦿ A chance to demonstrate emergency preparedness, promote amateur radio
- ⦿ Social gathering of the local amateur operators
- ⦿ ARRL Field Day guide
 - <http://www.arrl.org/files/file/Field-Day/2019/2019-Field-Day-Packet-Complete.pdf>

OPEN TO EVERYONE

- ◉ Come and learn to operate any of the stations
- ◉ Help us set up Friday and learn about the radios and antennas
- ◉ If you are an experienced operator please help mentor
- ◉ We need to fill up the schedule. 5 stations for 24 hours with 2 hour time slots means 60 operating slots
- ◉ We use N1MM computer logging and are willing to teach you how to use it
- ◉ The field day site needs security Friday Night
- ◉ Non amateurs are encouraged to make QSO's at the GOTO station as well as less experienced operators

SNAP SHOT OF THE ACTION



LAST YEAR RESULTS

- ◉ 1610 bonus points
- ◉ 1946 QSO points
- ◉ NW division 3A class operations 4th out of 25
- ◉ NW division All 10th out of 153

#	Call	Score	Cat	QSOs	Power	GOTA Call	Section		Club
1	K7LED	13,038	6A	3,599	2	AE7G	WWA	45	Mike & Key ARC
2	K7CMT	6,554	2A	1,752	2	WA7ODR	MT	9	BARK
3	W7TST	6,516	3A	1,964	2		EWA	3	Western WA Contest Club
4	N7LE	5,382	2A	1,380	2	N7XU	OR	16	Central OR DX Club
5	N7QT	5,272	1A	1,160	2		EWA	3	WWDXC
6	W7OTV	5,092	4A	1,052	2		OR	95	OR Tualatin Valley ARC
7	W7DK	4,522	5A	1,085	2		WWA	28	RC of Tacoma
8	W7PIG	4,304	3A	932	2	K7UDG	WWA	64	Stanwood-Camano ARC
9	K7N	4,264	3A	1,260	2	W7DTA	OR	51	RVARC & CARE & JCARES
10	W7AIA	3,556	3A	877	2	K7JAO	WWA	157	Clark Co. ARC

HOW CAN WE DO BETTER

- ⦿ A better mix of CW RTTY and SSB
 - When all the station heard are in the log switch modes
- ⦿ Fill the operating positions
 - Make sure at least two stations are on the air the whole time
 - Help encourage trying to make the QSO. Conditions are tough and you just have to try
- ⦿ Yes you will fail to make contacts sometimes but if you don't push the ptt you will always fail
- ⦿ Digging call signs and reports from the noise improves your skill

PUBLIC RELATIONS, PREPAREDNESS, & CELEBRATION

- ⦿ Let the public and served agencies see first hand how Amateur radio can start with an empty field and create a robust communication center
- ⦿ Demonstrate operator proficiency and skill by working under difficult conditions to achieve contacts
- ⦿ Learn about new operating modes and skills
- ⦿ Socialize and have fun

PARTICIPATE

- ◉ Help set up
- ◉ Sign up to man the information booth
- ◉ Do social media before, during and after
- ◉ Help with security at night
- ◉ Show visitors around and explain the various stations
- ◉ Help at the YL booth
- ◉ Do messages at the ARES booth
- ◉ OPERATE-OPERATE-OPERATE
- ◉ Help take things down and put them away

AMATEUR RADIO IS A PARTICIPANT SERVICE

- ⦿ Get on the air any mode any frequency
- ⦿ Have fun
- ⦿ Encourage new hams
- ⦿ Share you knowledge
- ⦿ Serve your community through public service
- ⦿ Learn new things
- ⦿ Share your amateur radio experiences
- ⦿ Always be an amateur radio ambassador
 - Create good will
 - Encourage people to get a license

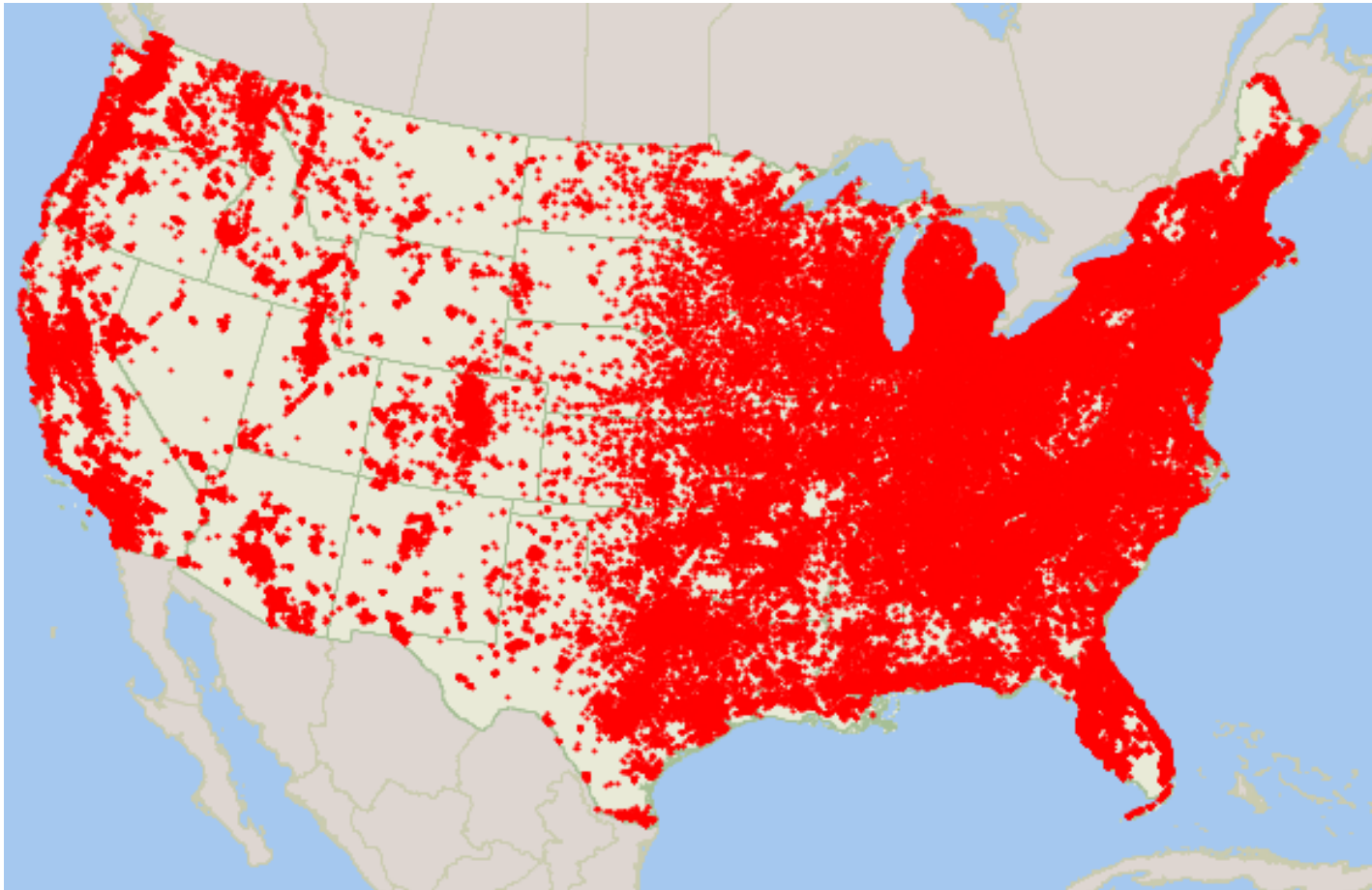
7 TH CALL AREA QSO PARTY

- ⦿ 6am to midnight Saturday May 4
- ⦿ Lots of categories-Class of entry
 - < High, low, QRP, assisted, non-assisted
 - CW, phone, digital, mixed
- ⦿ Exchange 7th area send 5 letter state/county code (WACLR) Clark county Washington
- ⦿ 160 meter - 10 meters
- ⦿ 2 points ssb, 3 points cw, 4 points digital
- ⦿ rules <http://ws7n.net/7QP/new/Page.asp?content=rules>

WHERE & WHEN TO POINT THE ANTENNA

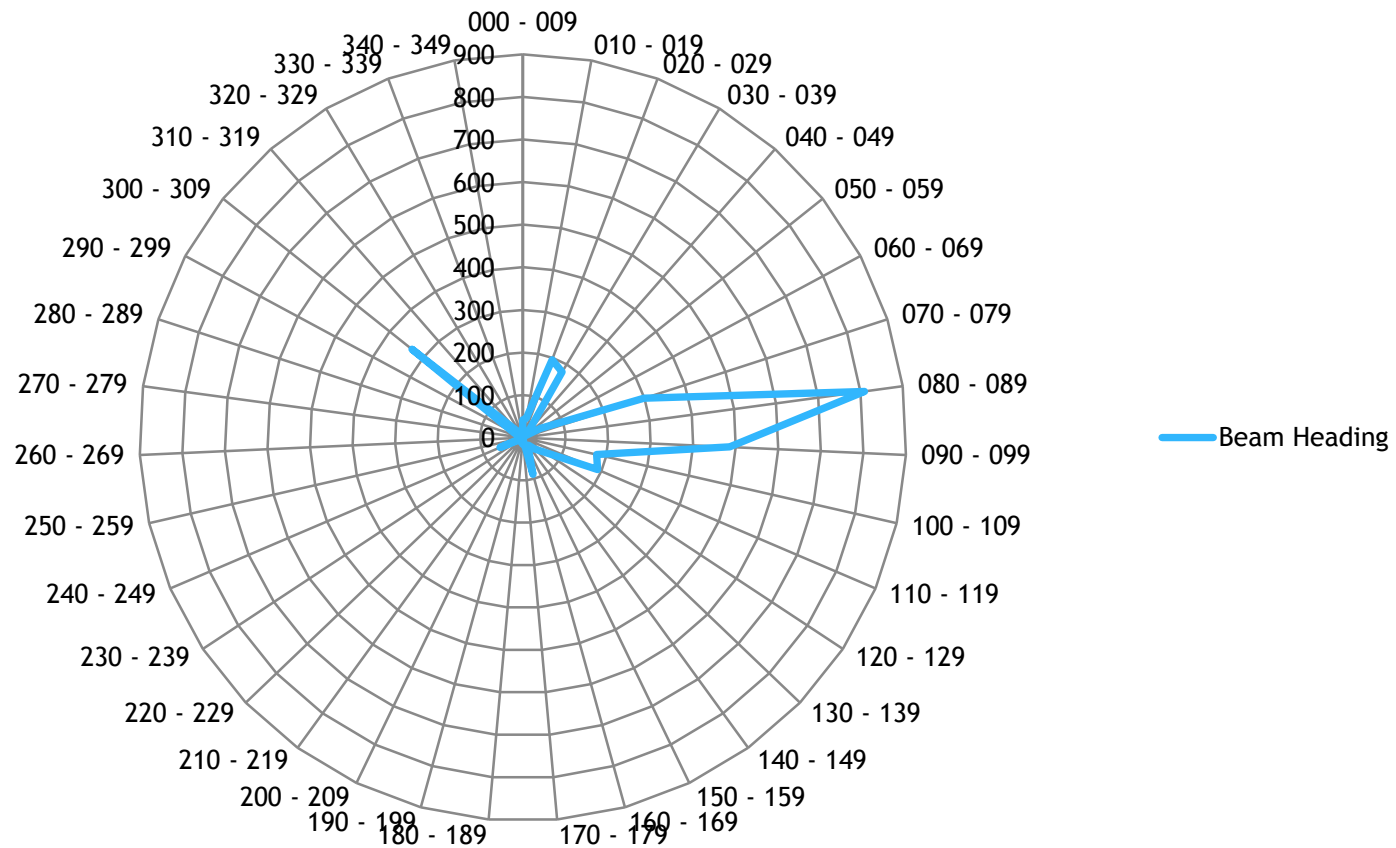
- ⦿ Where are the active stations located in relationship to your station
- ⦿ What is the highest density of stations
- ⦿ Most HF beam antennas have 60 degree or greater 3 db beam width
 - Clubs 4 element 20 meter beam 64 degree
- ⦿ At what time of day does each target area have propagation
- ⦿ When is each band open

US HAM RADIO POPULATION



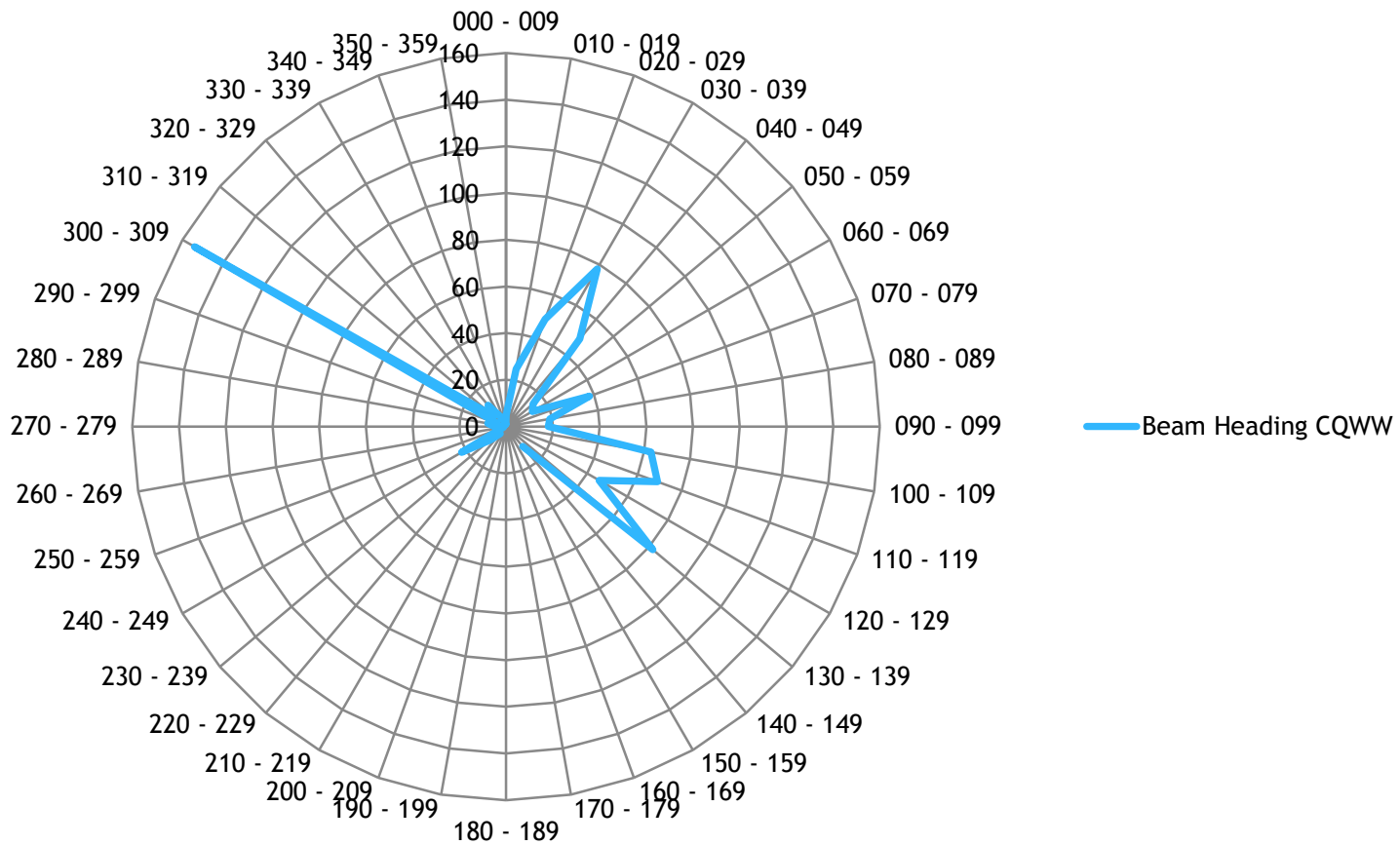
US CONTEST

Beam Heading WPX



DX CONTEST

Beam Heading CQWW



WHICH BAND WHEN WPX SSB 2018

UTC	PDT	160 m	80 m	40 m	20 m	15 m	10 m
00	17			3	117	3	
01	18			32	75		
02	19			101	29		
03	20		47	67	5		
04	21	3	50	68			
05	22		70	39			
06	23		47	36			
07	00	1	16	46			
08	01		17	76			
09	02		26	78			
10	03		48	46			
11	04		56	69			
12	05		20	54			
13	06		14	57	6		
14	07		1	43	10	1	
15	08			4	64		
16	09				66	7	
17	10				50		
18	11				17	24	
19	12				9	33	
20	13				64	6	
21	14				109	26	
22	15				88	12	2
23	16			1	92	6	

FIELD DAY

- ◉ Mostly just fix the antennas looking due east
- ◉ 20 meters all day long to the east
- ◉ Late at night need 20 meters to the west for KH6, VK, ZL (because no propagation to the east)
- ◉ 40 meters should be active almost the full 24 hours
- ◉ 10 meters a few regional stations (south to California mid day to early evening)
- ◉ 80 meters window 8 pm to midnight
- ◉ 15 meters 50- 100 stations if it opens