



# The 2020 Annual QUARTZFEST DISTANCE CHALLENGE



Three days  
January 20, 21 and 23, 2020  
Monday, Tuesday and Thursday  
Time Period: 12:01 a.m. To 11:59 p.m. local time

## SPONSORED BY THE NORTHERN ARIZONA DX ASSOCIATION

**Objective:** Participants at the Quartzfest (QF) 2020, using any portable commercial or homebrewed antenna brought in, work the most distant station(s) from the QF site during the three day event. Participation not required during all three days of the event.

**Bands:** All Amateur Radio bands, 10 through 160 meters

**Modes:** S = SSB  
C = CW  
F = FT8 (No QRP)

**Categories:** 1 = 100 (watts or less)  
2 = QRP (5 watts or less)

**Exchange:** RS(T)

### Rules:

1. Participants must be registered at the 2020 QF.
2. Contacts must be made from the QF site.
3. No form of assistance is permitted including spotting clusters, satellites, e-mail from friends, phone calls, and no pre-arranged scheduled contacts, etc.
4. Only antenna(s) brought to the 2020 QF are permitted including commercial, home brewed, balloon, kites, as long as they are on site. No use of any remote stations or antennas allowed. It is inconsistent with the spirit and intent of this challenge.
5. All participants must observe the FCC regulations listed in 47 CFR Part 97 - Amateur Radio Service and 2020 QF rules.
6. New This year - contacts made by operators at the W7Q station ON TUESDAY AND THURSDAY ONLY "will" count toward the DC

challenge event. If you have not brought a rig and antenna, go to the W7Q station for a chance to enter the Challenge. Entries made at W7Q are not automatically entered in the DC Challenge; it is the operators' responsibility to enter their contacts, using the DC Entry Form.

7. Entries must include your personal call, call used to make the contact, call of the station worked, date **(local)**, time **(local)**, band, RS(T), mode, category, radio and antenna used. It is **IMPORTANT** that you use local time. Entry cut off time is noon local (12:00 p.m.) on the day following the day the contacts are made. Place your entry in the Distance Challenge entry box at the registration tent. Entry forms will be available at the W7Q event station and at the registration tent. You may enter up to 4 contacts each day. Do not submit your entire log. You can **ONLY** enter up to 4 contacts each day.
8. Your first submittal sets your mode and category for the entire challenge. (Up to three days) You can't change modes or categories after your first entry is submitted.
9. If there is a tie for the distance, the earliest tie contact wins.
10. Distances will be calculated using QRZ.com
11. Do not create QRM that interferes with the W7Q station.
12. No calling CQ between the hours of 7 a.m. and 9 p.m.  
Answering CQs is always permitted.
13. Any registered 2020 QF attendee may enter the DC Challenge **EXCEPT** members of the DC committee.

Violation of any rule will be reason for disqualification. Have fun and be honest.

UPDATES & ANOUNCEMENTS will be made at the Happy Hour gathering in the evening.

**Awards: Certificates (and maybe prizes) will be presented at the closing ceremonies for the winners in each category, including the bragging rights of being the "Best portable Distance Challenge Champion of the 2020 QF".**

The Northern Arizona DX Association DC Committee will make the final decisions, determine the winners & awards and resolve any disputes. They are not permitted to participate in the Challenge.

## **Awards:**

### **Grand Champions: - Hats**

SSB or CW - QRP 5 Watts Max

SSB or CW - 100 Watts Max

FT8 - 100 Watts Max

### **Runner Up - Certificates**

QRP SSB - 5 Watts Max

QRP CW - 5 Watts Max

100 Watts Max - SSB

100 Watts Max - CW

100 Watts Max - FT8