



The 2024 Annual QUARTZFEST DISTANCE CHALLENGE



Three days

Monday, January 22,

Tuesday, January 23,

Thursday, January 25

Time Period: 12:01 a.m. To 11:59 p.m. local time (24 hours)

See Rule 12

SPONSORED BY THE NORTHERN ARIZONA DX ASSOCIATION

Objective: Participants at the Quartzfest (QF) 2024, 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: Amateur Radio bands, 10, 12, 15, 17, 20, 30, 40, 80 and 160 meters

Class:	Modes:	Categories:
<u>A</u>	<u>SSB or CW</u>	<u>100 watts or less</u>
<u>B</u>	<u>FT-8</u>	<u>100 watts or less</u>
<u>C-QRP</u>	<u>SSB or CW</u>	<u>5 watts or less</u>
<u>D-W7Q</u>	<u>SSB or CW or FT-8</u>	<u>100 watts or less</u>

You may only enter one class, mode and category for the entire Challenge
Class D must be operated from the W7Q event trailer

Exchange: RS(T)

Rules:

1. Participants must be registered at the 2024 QF. QFDC Committee members are not eligible to enter.
2. Contacts must **be a DX entity outside of the continental USA** 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. No relays or internet use is permitted.
4. Only antenna(s) brought to the 2024 QF are permitted including commercial, home brewed, balloon, kites, drones, 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 2024 QF rules.

6. **Contacts made by operators at the W7Q station on MONDAY, TUESDAY AND THURSDAY “will” count toward the DC challenge event** but are not automatically entered in the DC Challenge; it is the operators’ responsibility to enter their contacts, using the DC Entry Form. If you have not brought a rig and antenna you may operate the W7Q station. It will have: 10/15/20 Tri-band, two additional (wire?) antennas, Elecraft K3, Kenwood 590S and Icom 7300 for your use. Sign up with the station manager, Tom, KG7DKN. **Also - you may use your rig at the W7Q station if it is Power Pole equipped.**
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), classes, mode, category, radio and antenna used. **It is IMPORTANT that you use local time on the entry form.** Entry submission 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 W7Q event station trailer or in 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 but no more. **Do not submit your entire log.**
8. Your first submittal sets your class, mode and category for the entire challenge. (Up to three days) **You can’t change class, 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 by the QFDC Committee.
11. Do not create QRM that interferes with the W7Q station.
12. No calling CQ between the hours of 8 a.m. and 3:00 p.m. unless you are using the W7Q SE station. Answering CQs is always permitted by ALL participants.
13. **YOU MUST BE PRESENT AT THE CLOSING CERIMONY TO WIN!**

Contacts will be verified when possible. 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 2024 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.

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Awards:

Miscellaneous Awards and Prizes (TBD)

NEW for 2024

- 1) Bioenno Distance Challenge Day Longest Contact Award- Monday January 22, 2024
- 2) Longest contact in each class will receive a battery and charger
- 3) All DX DC entries will be entered into a drawing at the closing ceremony for a SteppIR antenna.

Grand Champions: - Hats and Prizes

Class A, B, C and D

Runner Up - Certificates and Prizes

Class A, B, C and D