

# WINTER FIELD DAY

**JANUARY 27-28, 2024**

*Saturday 1900 UTC - 1900 UTC Sunday*

*12:00 Noon MST - 12:00 Noon MST*

*24 hour operational period*

**Bernalillo County ARES Members &  
the High Desert Amateur Radio Club**

*Because operational skills should not  
be limited to fair weather scenarios.*

**Web Site:** <https://www.winterfieldday.com>





# WFD Operating Sites:

Venus Park in Edgewood:

[www.edgewood-nm.gov](http://www.edgewood-nm.gov)

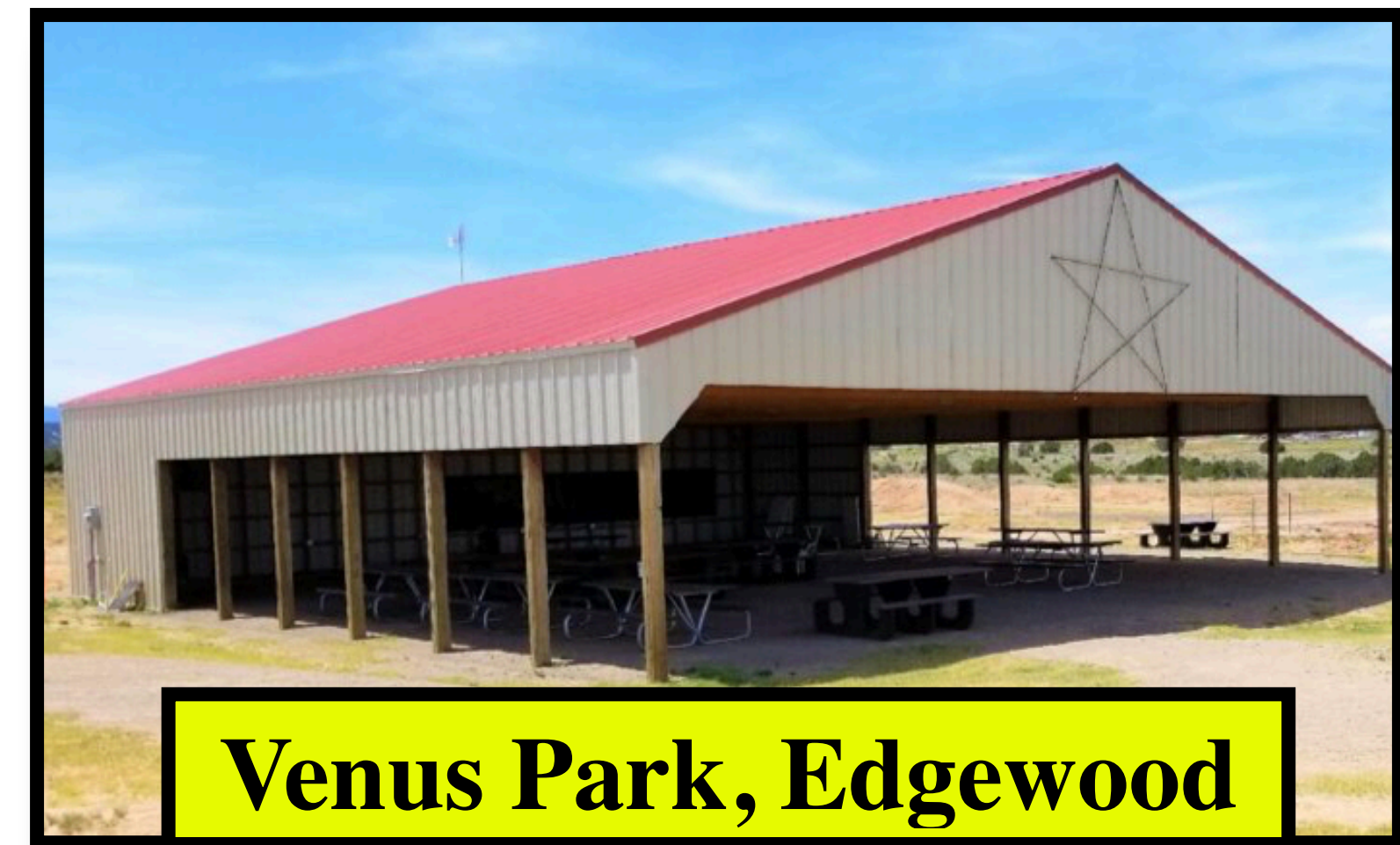
The ASK Academy, *Amateur Radio Club*

Open Space Visitor Center

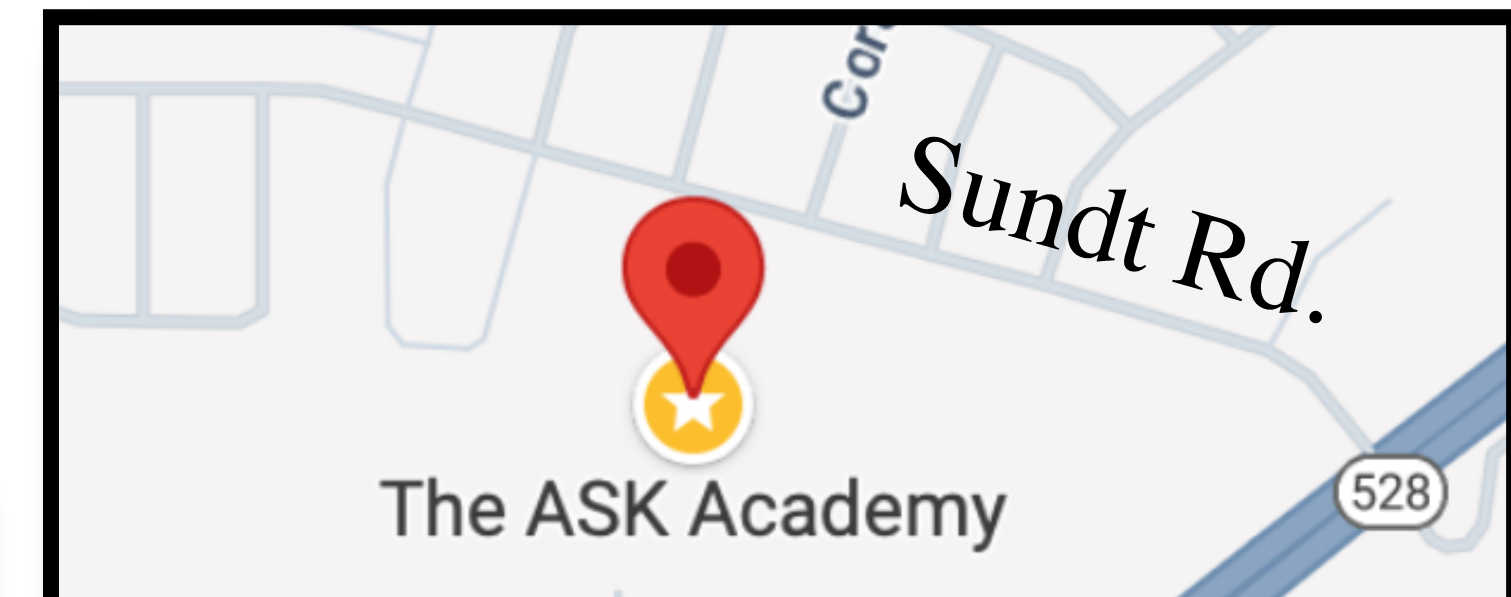
[www.cabq.gov/parksandrecreation/open-space/open-space-visitor-center](http://www.cabq.gov/parksandrecreation/open-space/open-space-visitor-center)

Petroglyphs National Monument

*Off Atrisco Vista Blvd, by the Double Eagle airport*



Venus Park, Edgewood



4550 Sundt Road NE, Rio Rancho



KC2LM Mobile at the Petroglyphs  
*Operating with CW Only*



Open Space Visitor Center

*This location will be operating with multiple stations on multiple bands and use multiple operating modes.*



# An Event by Bernalillo County ARES Members & the High Desert Amateur Radio Club

- *Participation Allows for Greater Opportunity for Contacts. It can be a measure of your contact capability.*
- Operate from **Home** possibly on Emergency Power
- Operate from the **Parks, RV, Public** sites or **Outback** sites , Testing Portable Capabilities.
  - *Do so with others for Safety & Training*
- Test EmComm Messaging Specific for EmComm Needs
  - Send / Receive Packet Winlink Message(s) to BCARES members
    - KC5RUO, KC5QOC, KC5UKE, KC2LM, N5ATR, N5GJ *via RMS Gateways*

**Packet Winlink RMS:** KC5QOC-10 on 145.01. & KC5UKE on 145.07 MHz

# OPERATING BANDS, MODES & FREQUENCIES

## *Operating on Multiple Bands & Modes Demonstrates Flexibility*

- **Bands:** HF, VHF & UHF (except 12, 17, 30 and 60 meters)
- **Modes:** CW, SSB, FM, SSTV, JS8, MFSK-16, RTTY, PSK, Olivia, Satellite, **(NOT FT8, FT4)**
- **Frequencies:** *to make it easier for other WFD participating stations to find you, use:*
  - HF CW – 1810-1820, 3.530-3.550, 7.030-7.050, 14.035-14.055, 21.030-21.050, 28.030- 28.040
  - HF SSB – lowest 30 kHz of the US General Class Phone bands (160m-15m), 28.400- 28.425MHz (10m), 6m, VHF/UHF Simplex,*(NOT on National Calling Frequency)*
  - **Popular Digital Mode Frequencies:** JS8 14.078, **RTTY 14.085 - 14.100 USB**, SSTV 14.230 USB, MFSK-16/32 14.076 USB, **PSK-31 14.070 USB**, Olivia 14.071 Feld Hell 14.063

*Modes Most Likely to Generate a Digital Contact are PSK-31 & RTTY.*

*Access these modes using FLDIGI Software.*

# THE EXCHANGE

- Your Call Sign, Class, Category, ARRL Section (NM)
- **Class:** the number of stations in your entry. *Stations should operate independently using their own Call Sign.*
- **Category:** (I) Indoor, remote, heated, wx protected, *(cabin, community center...)*
- **Category:** (H) Home, permanent antenna installation, may claim emergency power credit
- **Category:** (O) Outdoor, campground, park, picnic table, non-insulated RV
- **Mobile / Stationary:** operations from a mobile or potentially mobile structure like an insulated RV, car, or van,
- **Sample Exchange:** Operating One Transmitter, Outside, from NM  
(CW) KC2LM 10 NM. (SSB) “KC2LM One Oscar New Mexico”

# WFD OBJECTIVES

*When you submit your log, you will be asked to select your completed objectives. These will be displayed separately in the WFD Results.*

- **QSO Points:** 1 pt for phone, 2 pts for each CW & Digital Contact
- **Band & Mode:** Count 1 Multiplier for each Mode (*Phone, CW, Digital*) , Operated per Band
- **Power Multiplier:** QRP stations are defined by transmitting less than 5 watts on CW or 10 watts on phone and will get a multiplier of 2. All other stations have a multiplier of 1. The maximum permitted power is 100 watts
- **No Commercial Power**
- **Operating Outdoors**
- **Operating NOT at Home**
- **Contact through a Satellite**
- **Deploy Multiple Antennas**
- **Send/Rec. One Packet Winlink Msg.**
- **Operate 6 Continuous Hours**
- **No Repeater Contacts**



# **SAMPLE MESSAGES - ONLY ONE IS REQUIRED**

## **Message to BCARES Member(s)**

**To:** KC2LM, N5ATR, KC5UKE, KC5QOC *(all via Packet Winlink RMS using Text or ICS-213)*

**Subject:** Silly Message for Winter Field Day

**Message:** *Mary had a little lamb that's fleece was white as snow, which made it hard to find her in a blizzard.*

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## **Message to BCARES Member(s)**

**To:** KC2LM, N5ATR, KC5UKE, KC5QOC *(all via Packet Winlink RMS using Text or ICS-213)*

**Subject:** Winter Field Day Operation

**Message:** *N5ATR is with KI5NBN demonstrating ham radio at Venus Park in Edgewood is celebrating Winter Field Day with portable equipment and emergency power from Venus Park in Edgewood.*

**Packet Winlink RMS:** KC5QOC-10 on 145.01. & KC5UKE on 145.07 MHz

## GENERAL MESSAGE (ICS 213)

1. Incident Name (Optional): <b>Winter Field Day</b>		
2. To (Name and Position): <b>KC2LM;KC5RUO</b>		
3. From (Name and Position): <b>Tom Russell, N5ATR, BC Emergency Coordinator</b>		
4. Subject: <b>Winter Field Day Operation</b>	5. Date: <b>Jan. 27, 2024</b>	6. Time: <b>21:05 UTC</b>
7. Message: <i>N5ATR is with KI5NBN demonstrating ham radio at Venus Park in Edgewood. We are celebrating Winter Field Day with portable equipment and are on emergency power from Venus Park in Edgewood.</i>		
8. Approved by: Name: <b>Tom Russell</b> Signature: <i>Tom Russell</i> Position/Title: <b>BC Emer. Coordinator</b>		



# **SUBMISSIONS - NO PAPER LOG SUBMISSIONS!**

**Log submission DEADLINE** and contents:

mailto: [www.winterfieldday.org](mailto:www.winterfieldday.org) via email before 0000 UTC March 1st

Logs MUST be submitted as an **attached Cabrillo File, NOT as an email body.**

**ALL logs must be in WFD Cabrillo format** OR as an AIDF file and should contain :

\* Frequency \* Mode \* Date Time (*UTC*) \* QSO Data (*Call worked, Category, Class, Section*)

\* *The frequency for HF must be in Kilohertz rounded to the nearest kilohertz, no decimal, 3750 is fine, 3750.134 is not.*

\* *Consider using N3FJP software for logging, as it simplifies Cabrillo File creation and Score submission. Submit your entry at: [www.winterfieldday.org](http://www.winterfieldday.org)*

\* *Remember to credit your score to:*

\* ***“NM HDARC”*** for those Operating with the High Desert Club

# Additional Notes:

1. Those working WFD outdoors from Parks and Open Space should seriously consider working in small groups for safety and to allow for the training of new hams.
2. Complete details about the event can be found on the WFD web site:  
[www.winterfieldday.com](http://www.winterfieldday.com)
3. All stations are limited to a Maximum of 100 watts.
4. Bonuses are listed as Objectives and are recorded separately.
5. To Calculate Score: Each mode worked on each band counts as 1 multiplier. If you worked both CW and Phone on 20 & 40 meters, your total multiplier would be 4. If you operated CW and Phone on 80, 40, 15, and 10 meters, CW and PSK31 on 20m, FM on 2 meters & 440 Simplex you would have a total multiplier of 12x.

Scores are based on the total number of QSO points x Power Output Multiplier x Band / Mode Multiplier.