



# 2025 WINTER FIELD DAY

Mike & Key Club,  
K7LED

January 25 & 26, 2025

10/19/2024

W7ROV, NW7G0

K7LED





# WHAT IS WINTER FIELD DAY?

- Winter Field Day is a communications exercise.
- Practical “practice” for emergency situations while also having fun.
- Natural disasters are unpredictable and can strike when you least expect them.
- Your training and operating skills should not be limited to fair-weather scenarios.
- Preparedness is the key to a professional and timely response during any event.





# WHAT IS WINTER FIELD DAY?

- WFD is held on the last full weekend in January.
- WFD can be worked from the comfort of your home or in a remote location.
- You can participate by yourself or get your friends, family, or whole club involved.
- Winter Field Day is open to participants worldwide. Amateur radio operators may use frequencies on the HF, VHF, or UHF bands and are free to use any mode that can faithfully transmit the required exchange intact.
- Similar to the ARRL's Field Day, bonus points are earned in several ways, including using non-commercial power sources, operating from remote locations, satellite contacts, and more.





# WHAT ARE THE WINTER FIELD DAY RULES?

- Notable Guidelines for Winter Field Day 2024
  - All stations are limited to a maximum of 100 Watts PEP.
  - All logs must be in the Cabrillo or ADIF Format and submitted online at [https://winterfieldday.org/submit\\_report.php](https://winterfieldday.org/submit_report.php)
  - ARRL/RAC Sections;  
<https://contests.arrl.org/contestmultipliers.php?a=wve>
  - Mexico stations should use MX as their location identifier.
  - Bonuses are now listed as objectives and are recorded separately.
  - Multiple transmitters are allowed to operate on the same band/mode at the same time.
  - The rules can be reviewed at <https://winterfieldday.org/sop.php>





# WHAT ARE THE WINTER FIELD DAY CATEGORIES?

- **Home Station:**

- Defined as any station participating from their permanent livable residence or within 500ft of their Home regardless of operating inside or outside.

- **Indoor Station:**

- Defined as any station operating away from Home but from inside an insulated, weather-protected building or structure on a permanent foundation. Indoor stations typically have plumbing, heating/cooling, and running water.
- Church, EOCs, a club shack, a cabin, and community centers are all examples of an Indoor station.
- RVs are not considered to be an Indoor Station.





W7ROV



# WHAT ARE THE WINTER FIELD DAY CATEGORIES?

- **Outdoor:**

- Outdoor stations operate from a partly or fully exposed building or shelter that does not typically have plumbing, heating/cooling, or running water available. Operating from a picnic table, park pavilion, tents, or under pop-up canopies are all places that could be considered Outdoor. These are locations where you may have to provide your own heat source and/or protection from the elements.

- **Mobile / Mobile Stationary:**

- These stations are defined as operations from a mobile or potentially mobile structure like an RV, car, van, sailboat, cargo trailer, mobile EOC, ETC.
- These are operating positions that may offer some sort of built-in heating/cooling. Mobile Stations do not have to be mobile during the event. They are defined as having the ability to be mobile should it be necessary to move during an emergency. RVs and Cargo trailers with external antennas set up are still considered Mobile.





# WHAT ARE THE WINTER FIELD DAY BANDS AND MODES?

- **Bands:**
  - All Amateur bands may be used except 12, 17, 30, and 60 meters.
  - To qualify as a band worked, at least 1 valid, two-way QSO must have taken place on the said band during the contest.
- **Information exchange Modes:**
  - All modes, CW, Phone, and Digital, may be used.
  - CW and Phone include SSB, AM, FM, DMR, C4FM, etc. If the end result is voice, it's Phone.
  - No contacts through Repeaters are allowed.
  - Digital includes PSK, RTTY, Olivia, Packet, SSTV, ATV, JS8Call, and other soundcard modes.
  - **FT4 & FT8 are not allowed due to the requirement that arbitrary information is required to be passed.**
  - If the end result is text or a picture, it's digital.

Kp



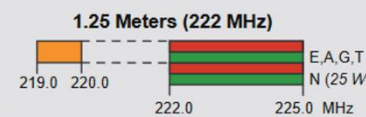
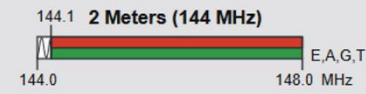
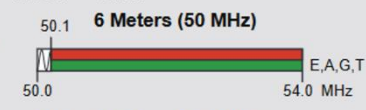
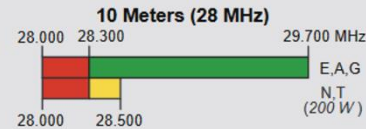
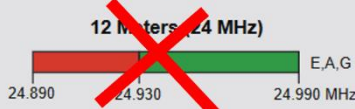
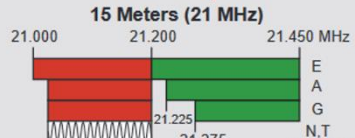
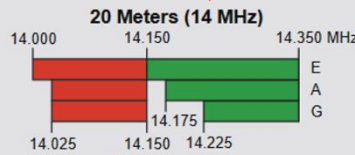
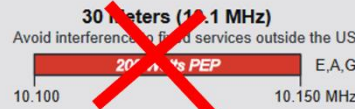
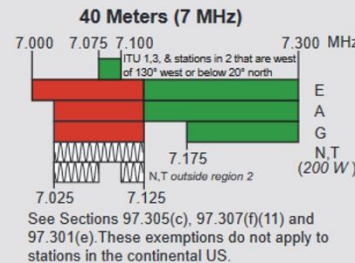
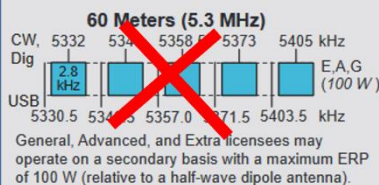
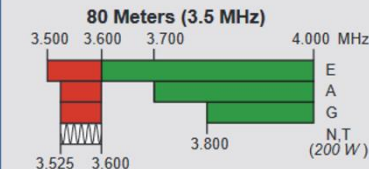
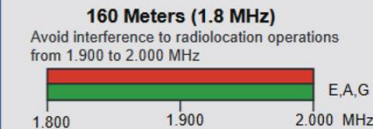
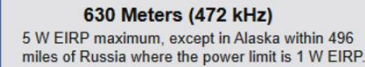
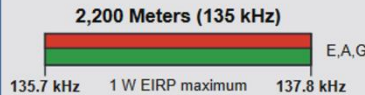


# WHAT ARE THE WINTER FIELD DAY BANDS AND MODES?

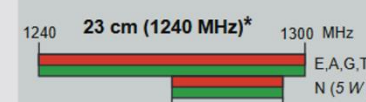
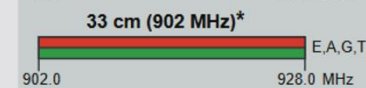
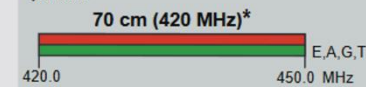
## US Amateur Radio Bands

**US AMATEUR POWER LIMITS** — FCC 97.313 An amateur station must use the minimum transmitter power necessary to carry out the desired communications. (b) No station may transmit with a transmitter power exceeding 1.5 kW PEP.

Amateurs wishing to operate on either 2,200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.



\*Geographical and power restrictions may apply to all bands above 420 MHz. See FCC Part 97.303 for information about your area.



All licensees except Novices are authorized all modes on the following frequencies:

|               |                |                   |
|---------------|----------------|-------------------|
| 2300-2310 MHz | 10.0-10.5 GHz  | 122.25-123.0 GHz  |
| 2390-2450 MHz | 24.0-24.25 GHz | 134-141 GHz       |
| 3400-3450 MHz | 47.0-47.2 GHz  | 241-250 GHz       |
| 5650-5925 MHz | 76.0-81.0 GHz  | All above 275 GHz |

‡ No pulse emissions



KEY

**Note:** CW operation is permitted throughout all amateur bands.

MCW is authorized above 50.1 MHz, except for 144.0-144.1 and 219-220 MHz. Test transmissions are authorized above 51 MHz, except for 219-220 MHz.

- = RTTY and data
- = phone and image
- = CW only
- = SSB phone
- = USB phone, CW, RTTY, and data
- = Fixed digital message forwarding systems only

E = Amateur Extra  
A = Advanced  
G = General  
T = Technician  
N = Novice

See [www.arrl.org/band-plan](http://www.arrl.org/band-plan) for detailed band plans.

## ARRL We're At Your Service

ARRL Headquarters:  
860-594-0200 (Fax: 860-594-0259)  
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email: [newham@arrl.org](mailto:newham@arrl.org)

Exams: 860-594-0300 email: [vec@arrl.org](mailto:vec@arrl.org)

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# WHAT ARE THE WINTER FIELD DAY OBJECTIVES?

- Primary Objectives:

- To set up an amateur radio field station and successfully make multiple contacts.
- Successful participants are those who can set up their equipment and correctly log the designated exchange during the operational period explained below.
- All participants are encouraged to complete as many objectives as possible and submit a log of stations worked.
- Operate 100% on alternative power
- Operate away from Home >1 mile

*Note that when batteries are not in use they may be charged by any means, also that logging-only computer may be powered by any means.*





# WHAT ARE THE WINTER FIELD DAY OBJECTIVES?

- Secondary Objectives:

- Deploy multiple antennas
- Make a Satellite contact
- Operate on at least 6-different bands
- Send and receive at least 1 Winlink email
- Operate 6 continuous hours during the event
- Objectives are not included in your final score. You do not need to place them in the soapbox (part of the submission form).

*Note: When you submit your log, you will be asked to select your completed objectives. Additional Objectives are percentage-based. These will be displayed separately in the WFD Results.*



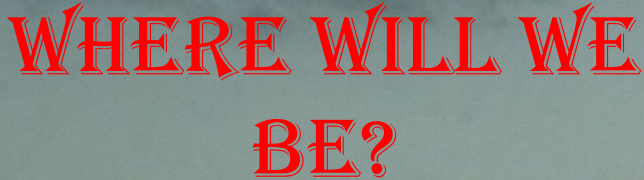


# WINTER FIELD DAY LOG SUBMISSION?

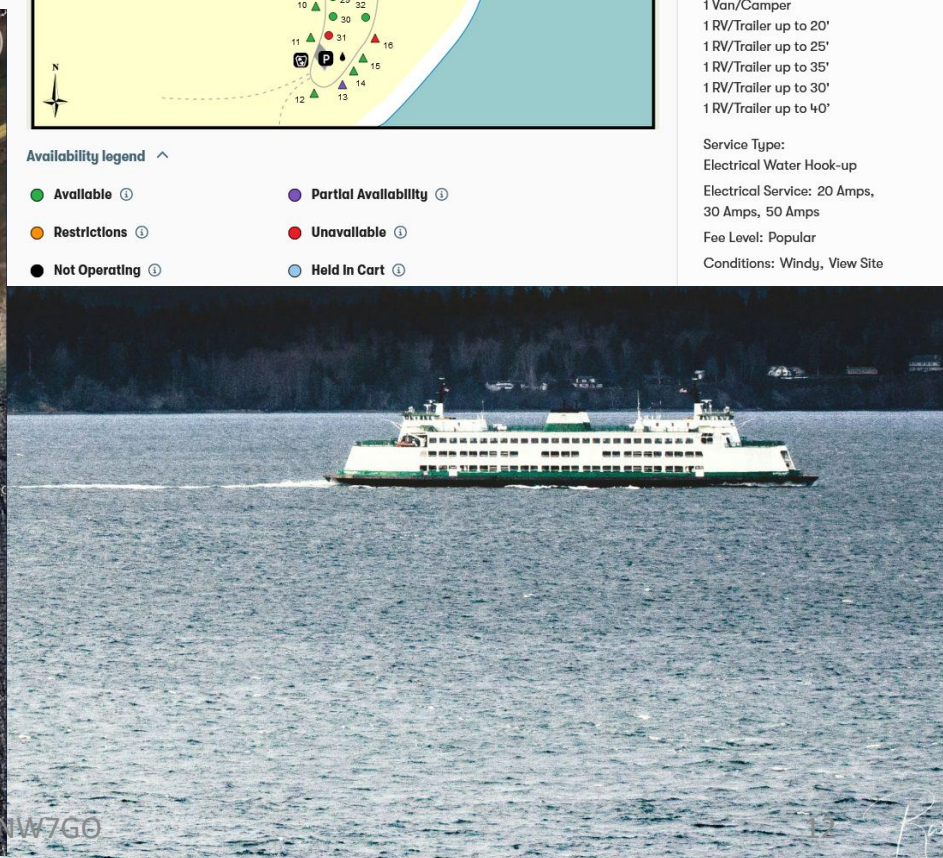
- To receive a certificate, all logs must be submitted to the WFD website by filling in the form and uploading a Cabrillo log or ADIF file containing the proper exchange data.
- Logs must be submitted by 11:59 UTC on March 1st to be considered.
- Late entries cannot be accepted.
- If you find an error in log after submitting, just correct your log and resubmit. The corrected version will replace the original you submitted.
- You must submit your entries at [www.winterfieldday.org](http://www.winterfieldday.org)
- Once you click submit a log, you will receive a confirmation email.
- Results will be posted on the Winter Field Day website

*We will be operating under the M&K callsign, K7LED. There will be no provided radios or club-provided power, but we will share our radios as much as possible.*





- Fort Casey State Park, Whidbey Is. Washington
- Each of us will be self sufficient



# Campground

[Find the perfect site with filters](#)
[Filters](#)
[Notify me](#)

[Details](#)
[Info](#)

**Site**

**18**

Nightly Fees  
**\$30.00**

Additional fees or discounts may apply.

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Site has 20, 30, and 50 Amp electrical service.

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**Allowed Equipment**

- 1 Van/Camper
- 1 RV/Trailer up to 20'
- 1 RV/Trailer up to 25'
- 1 RV/Trailer up to 30'
- 1 RV/Trailer up to 35'
- 1 RV/Trailer up to 40'

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**Service Type:**

Electrical Water Hook-up

Electrical Service: 20 Amps, 30 Amps, 50 Amps

Fee Level: Popular

Conditions: Windy, View Site

**Availability legend**

|  |  |
|--|--|
| <span style="color: green;">●</span> Available ⓘ     | <span style="color: purple;">●</span> Partial Availability ⓘ |
| <span style="color: orange;">●</span> Restrictions ⓘ | <span style="color: red;">●</span> Unavailable ⓘ             |
| <span style="color: black;">●</span> Not Operating ⓘ | <span style="color: blue;">●</span> Held In Cart ⓘ           |

18 is not available for any of the requested dates. Change your dates or select an available location to continue.

A map showing 35 numbered campsites along a shoreline. Sites are color-coded according to their availability status. A north arrow is located in the bottom left corner of the map area.

Map

List

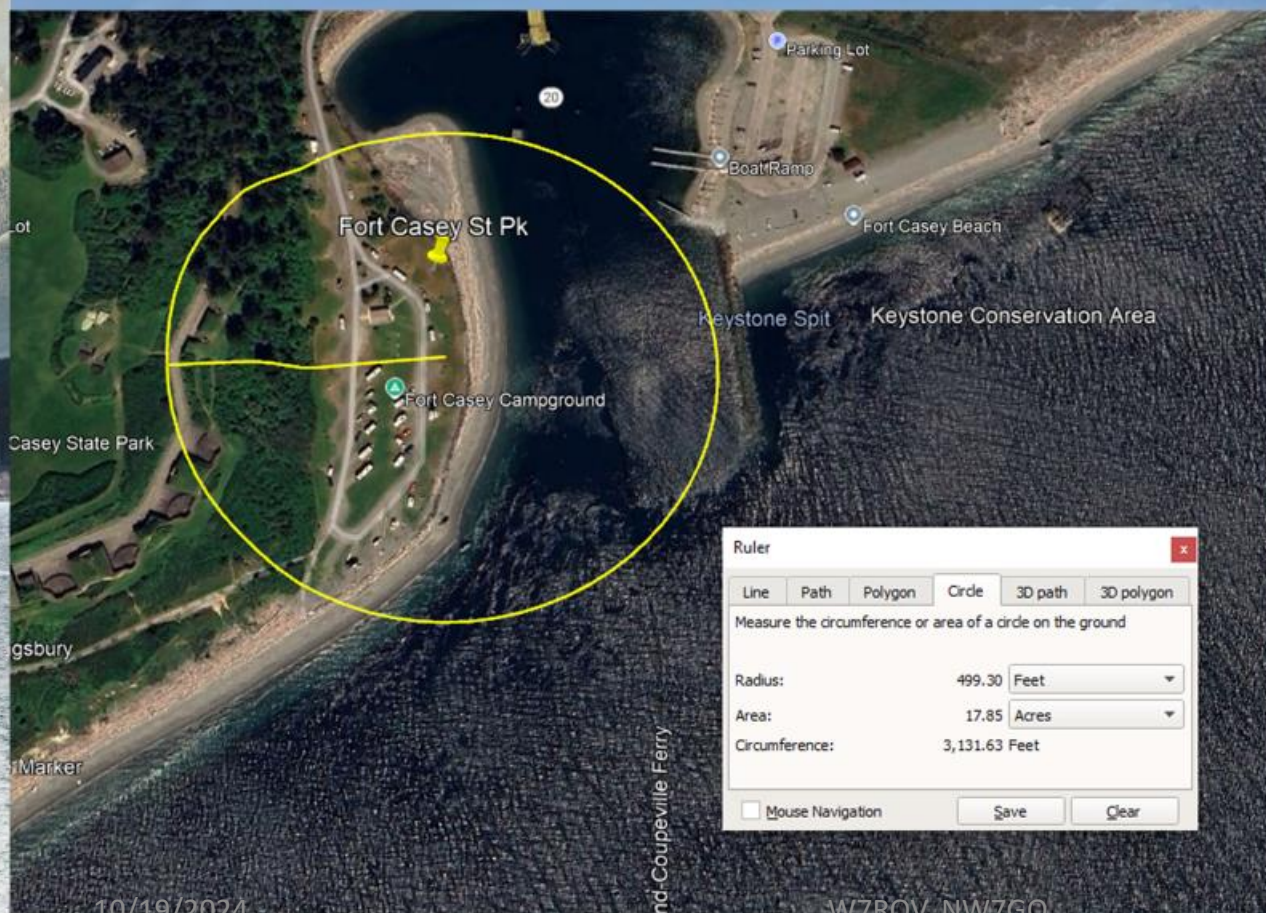
Calendar





# WHERE WILL WE BE?

- A WFD operation, regardless of the number of stations operating under one call sign, must be in the same physical location.
- All station equipment, including antennas, feed lines, and accessories used, must be located within a circular area whose diameter does not exceed 1,000 feet (300m).



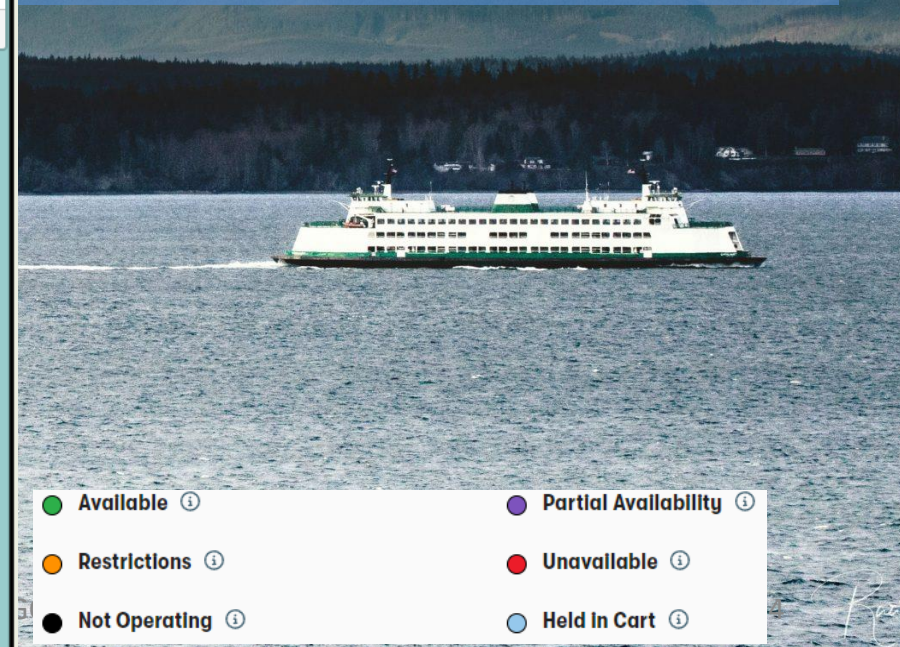
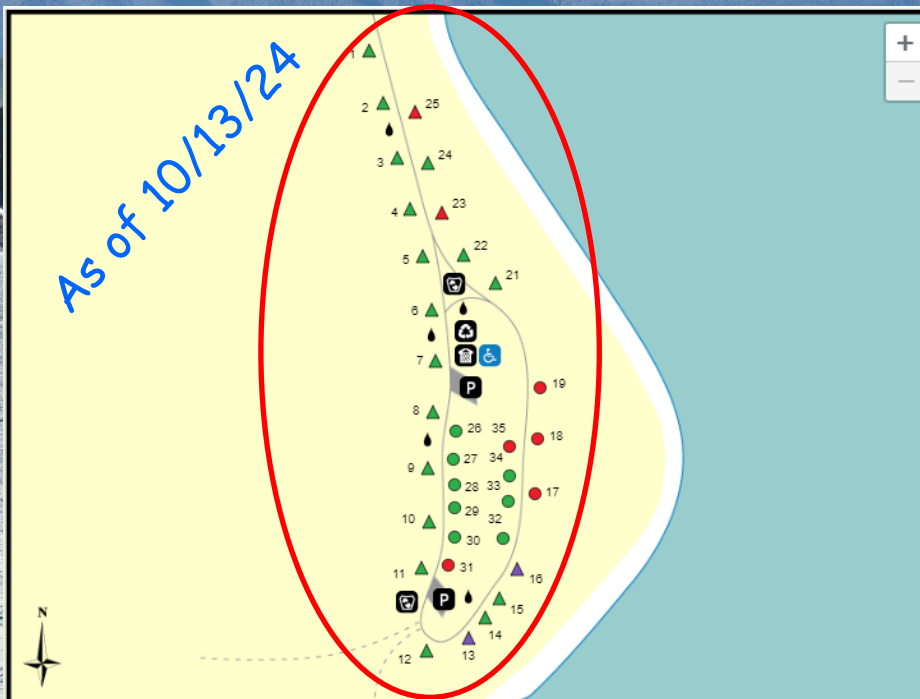




# WHERE WILL WE BE?



- Fort Casey State Park, Whidbey Is. Washington
- RV Hook-ups are available, water may not be available due to the season
- Many of us will be in small travel trailers, Motorhomes or tents
- Camping requires reservations at Fort Casey State Park
  - Early reservations are best
- Each of us will be self sufficient
  - No organized food preparation
  - Be prepared for winter weather, and especially windy conditions.



|                 |                        |
|-----------------|------------------------|
| Available ⓘ     | Partial Availability ⓘ |
| Restrictions ⓘ  | Unavailable ⓘ          |
| Not Operating ⓘ | Held In Cart ⓘ         |





# WHERE WILL WE BE?



- An Excellent restaurant, Callen's, is right near the Dock
- Within easy walking distance from campground



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15 Kpa





# WINTER FIELD DAY 2024



- Where will we be?
- Fort Casey is at Keystone, WA
- You can come from the South using the Mukilteo/Clinton Ferry
- You can come from the North via the Deception Pass bridge



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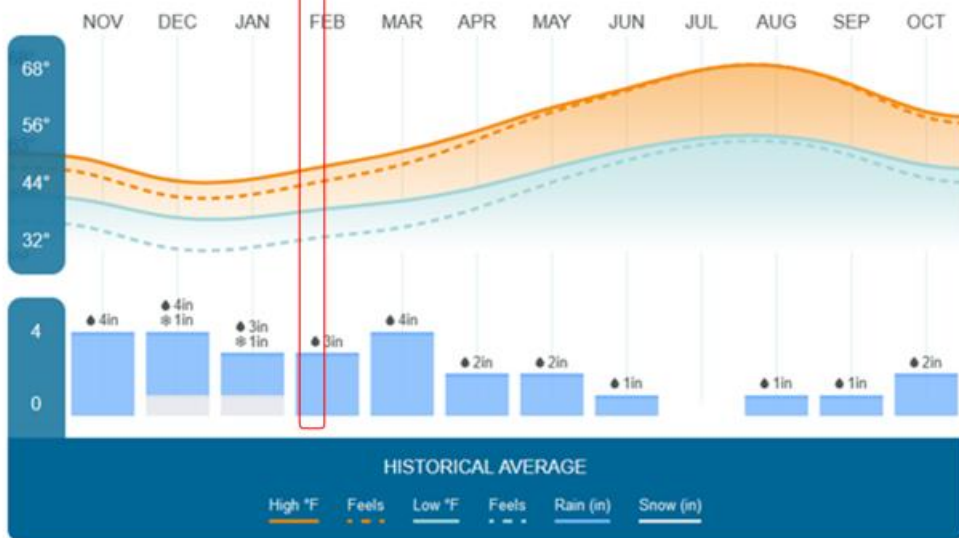
# WINTER FIELD DAY 2025

## WEATHER

- Bring your radio and antenna if possible. Weather should not be Too Bad, see below.

### Historical Averages

Coupeville, WA



- The important thing is to Get-On-The-Air. And one more detail, Don't forget your Discover Pass which is required to enter the park.



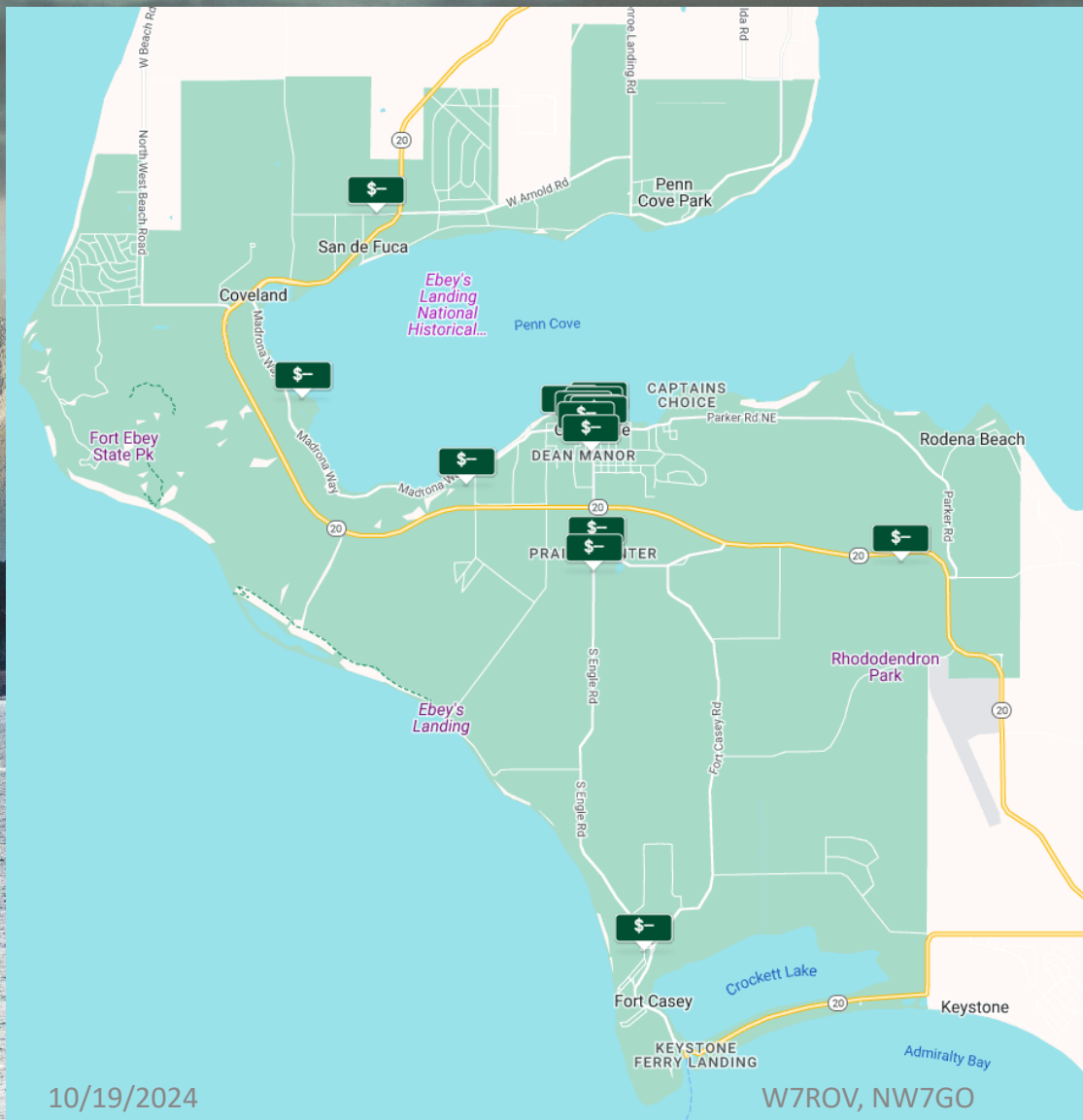


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# OTHER LODGING

## Hotels in and around Coupeville



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12

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# REFERENCE FROM FORT CASEY ST PARK, AND FORT FLAGLER ST PARK







# WINTER FIELD DAY 2024



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# WINTER FIELD DAY 2024



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Kp





# WINTER FIELD DAY 2024



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# WINTER FIELD DAY 2024



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# WINTER FIELD DAY 2024



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# WINTER FIELD DAY 2024



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25 Kp





# WINTER FIELD DAY 2024



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# WINTER FIELD DAY 2024



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Key





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# WINTER FIELD DAY 2024



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20

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# WINTER FIELD DAY 2024



Callen's Restaurant

Robert, KD7WNV

Matt, KC8PNF

Bill, KK7KCN

Ross, W7ROV

Tim, K7ANE

*K7ANE*





# WINTER FIELD DAY 2024



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# WINTER FIELD DAY QUESTIONS

