



W6TRW Amateur Radio Club Winter Field Day 2024



Planning to attend? Please RVSP to WFD Chairs by email



Date January 27-28, 2024
Time 1100 Saturday – 1059 Sunday (PST)
Location Chino Hills State Park
 Rolling M. Ranch Campground, Site #GC1

WINTER FIELD DAY

Mission of WFD is to encourage emergency preparedness during winter months when weather presents unique operational challenges. WFD will:
1 – Build your skills/confidence for winter camping
2 – Provide experience conducting outdoor radio communications under unusual conditions

CAMPING

Tents only. The group site we have reserved is a drive-up primitive site. There is a bathroom, but no other amenities. (you can reserve your own adjacent site if you want to bring a camper)

Chino Hills typically has January temperatures in the range of 69° / 40° - make sure you bring enough layers and a warm sleeping bag.

FOOD

Bring your own food! The club is not providing food – this is a chance to plan how you'd eat in an emergency. Bagged, dehydrated food is an option – or you can bring a stove and get creative!

SOTA/POTA

Chino Hills SP offers opportunities for both Summits on the Air (SOTA) and Parks on the Air (POTA) activations – you can do these in addition to participation in WFD!

SOTA San Juan Hill, W6/CT-230 (5.5 mile round trip hike from camp, with 1200 ft of ascent)

POTA Chino Hills State Park, K-1139

OPERATING PLAN

W6TRW to operate as **50 ORG** station (up to 5 simultaneous transmitting stations, operating outdoors)*

<u>TX power</u>	QRP (5 W CW/Digi, 10W Phone)
<u>Antennas</u>	Hex beam with triplexer for 10/15/20m, 40m EFHW
<u>Radios</u>	Provided by attendees
<u>Power supply</u>	Solar, batteries (no power main connections)

RULES

Modes All modes allowed, as long as they can transmit the field day exchange. *Note that this excludes FT4 & FT8*

QSO points Phone contacts count as one point each, and all CW and digital modes count as 2 points each. Logging incorrect data will be penalized by two points for each missed exchange or call sign. Duplicate contacts (same call, band, and mode) will not be counted nor penalized

Multipliers Total number of points will be multiplied by two numbers.

- Power Output Multipliers: 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 measured from the output of the final amplifier
- Band / Mode Multipliers: 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 you would have a total multiplier of 12x

Objectives Multiple available, including 6-bands and satellite

* Category may adjust based on attendance & # of band captains

WFD CHAIRS

Dylon Mutz, N6MX and Mark Knight, KD7DTS
 W6TRW President and W6TRW Secretary
n6mx@arrl.net kd7dts@arrl.net

TALK-IN FREQUENCY

146.55 MHz
 On-site communication will use VHF for event coordination
 Note: cell service may be limited