

PORTABLE FIRE RAWS

7813

(July 2015)

[\(See HB 8100p344 - Resource Ordering – Portable Remote Automated Weather Station\)](#)

Portable RAWS are quick-deploy automated weather stations that can be utilized on a temporary basis for the purpose of monitoring weather data on an incident or project. CAL FIRE has portable RAWS assigned to the Regions and prepositioned throughout the state. These portable RAWS will transmit hourly weather data via satellite through the Wildland Fire Management Information (WFMI) program to various web-based data centers (e.g. Western Regional Climate Center and ROMAN). In addition, CAL FIRE portable RAWS have the capability to transmit data over VHF radio frequencies.

CAL FIRE PORTABLE RAWS

7813.1

(July 2015)

When a CAL FIRE Portable RAWS is required for an incident a request will be made in the Resource Ordering System of Record. Refer to HB8100 p344 Resource Ordering - Portable Remote Automated Weather Station for direction. Upon receipt of the request, the filling Unit will contact their Unit RAWS Point of Contact (RAWSPOC) for direction on filling the request. If the RAWSPOC is not available, the Unit will designate an individual from the Unit to accompany the order. Maintaining a strong chain of custody for the portable RAWS is necessary to ensure appropriate deployment and safe return to the originating Unit.

It is encouraged for the filling Unit to send an individual familiar with the use of Portable RAWS. It is the filling Unit's responsibility to maintain accountability for the Portable RAWS. Upon activation of a Portable RAWS the RAWSPOC will notify the Fire Environment Point of Contact and the Fire Environment Program Manager.

CAL FIRE Portable RAWS will not be shipped, they will be hand delivered to the Incident by the filling Unit.

NIFC FIRE RAWS

7813.2

(July 2015)

Additional portable RAWS are available through the National Interagency Fire Cache (NIFC). Use of a Fire RAWS technician is required when ordering federal portable RAWS for setup and testing. There are specific requirements for the shipping and receipt of NIFC RAWS which can be found in HB8100p344.

PROJECT RAWS

7813.3

(July 2015)

In addition to portable RAWS, NIFC has portable Project RAWS (P-RAWS) available for long duration site testing and weather research. These can be ordered in the same fashion as a Fire RAWS, however they are intended for longer duration non-incident deployments. Contact the Fire Environment Program Manager for more information.

REHAB AND REPACKAGING PORTABLE RAWS

7813.4

(July 2015)

After a Portable RAWS has been deployed the equipment will be cleaned inventoried and packaged according to the instructions found in the portable RAWS kit.

PORTABLE FIRE RAWS MAINTENANCE

7813.5

(July 2015)

The CAL FIRE Portable RAWS are maintained annually by the same third party contactor that maintains the fixed RAWS. The same standards and guidelines apply and can be found in the [PMS 426-3 Interagency Wildland Fire Weather Station & Standards Guidelines](#).

PORTABLE FIRE RAWS IDENTIFICATION

7813.6

(July 2015)

All CAL FIRE Portable RAWS shall use the following identification format;

Portable RAWS carrying case

- 4" white letter stencil on outside of case(s). The identification shall read CALFIRE Portable XX (two number Unit identifier). Example "CALFIRE Portable 27" for AEU

Portable RAWS Data Collection Platform (DCP)

- Attach CAL FIRE Property sticker to the DCP

WIMS Station Catalog Identification for Portable RAWS

- Station Name shall be CALFIRE Portable XX (two number Unit identifier). Example "CALFIRE Portable 27" for AEU
- Station Type shall be 3: RAWS (SAT non-NFDRS)

- Mnemonic shall be CDFXX, (two number Unit identifier). Example CDF27 for AEU. Only 5 characters allowed.

Ordering System of Record

- Category shall be Non-NFES Supplies
- Supply Type shall be RAWS, Portable
- Resource Name shall be RAWS – Portable – XXX – YY (3-letter Unit identifier, two number identifier). Example RAWS - Portable - AEU – 27 for AEU.

[\(see Next Section\)](#)

[\(see Handbook Table of Contents\)](#)

[\(see Forms and Form Samples\)](#)