# Lesson 7: WX Weather – Post Trip Update

This document provides instruction on Post Trip Update processing. The Post Trip Update function in WX Weather serves the purpose of recording maintenance which has been completed on the station. This may include updating firmware, other software, replacement of sensors, directions to the station, entering service notes and updating station maintenance dates.

Log into WX Weather
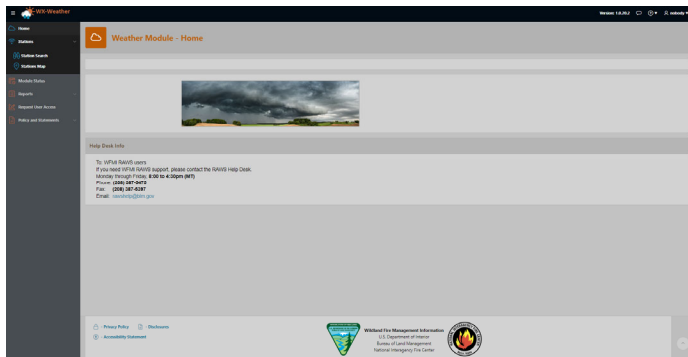

Log into WX Weather with User Authentication.

Using the left menu, click on "Stations" and then in the drop down menu click on "Station Search". Locate the station on the screen and navigate to the station page.
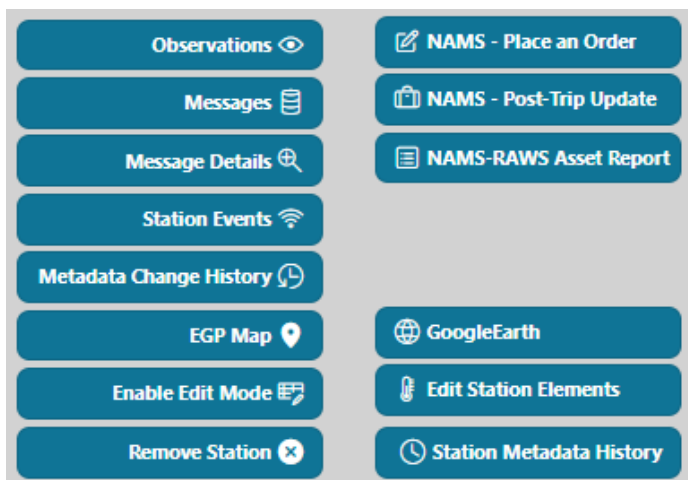
On the station page, in the upper right corner of the section containing the blue button links, click on "NAMS – Post Trip Update".

All changes made on the Post Trip Update page must be saved by clicking on the green "Submit Post Trip Update" button towards the bottom of the screen in the Request RAWS Asset Report section.

The first section on the screen contains basic station information (Agency, Region, Unit, (Activation) Status, Last Modified Date.
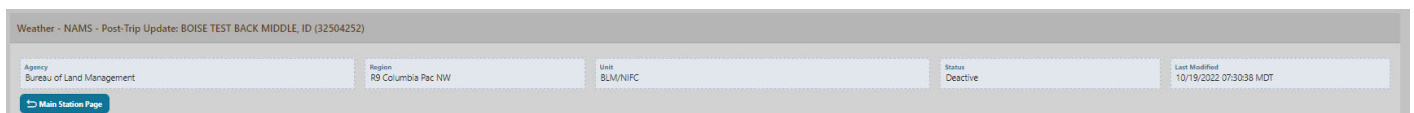
The second section – "Assign Item Asset Numbers" allows the user to assign sensor assets to a station. If you have multiple sensors sent to your office to complete preventive maintenance, you will see multiple assets in the list. In the example below, multiple WS/WD sensors (assets) were sent to a customer because they had several stations requiring new WS/WD sensors for their annual PM. As such, multiple assets were assigned to that customer. They can choose to install any one of these sensors to any particular station. Once a sensor is installed on the station and the customer is completing the Post Trip Update process, they will simply click on the asset number associated with the sensor which was placed on the station.

A popup box will appear. Use the mouse to click on the checkbox of the asset you wish to assign to the station. Next click on the green Assign button to complete the process. If you made a mistake and wish to back out, click the blue X button to close the window.

The Station Maintenance Dates section allows users to update several maintenance dates for the station. To edit any of the dates, click on the calendar and choose the date.

You can update:

- Last Annual Maintenance Date – the last date on which annual maintenance was completed
- Last Repaired Date – when the last repair was completed on the station
- Tipping Bucket Zero Date - The annual date on which the tipping bucket is reset to Zero – this does not automatically communicate or set the tipping bucket zero date on the datalogger

Station View provides information about station programs, software versions.

You can view and update the following:

- Program – This is the name of the Program. It is used to expedite your order and for trouble-shooting purposes. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff.
- Operating System – This is the name of the operating system in the DCP. It is used for trouble-shooting purposes and to notify the user of future upgrades. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff
- Application Software – This is the name of the application software in the DCP. It is used to trouble-shooting purposes and to notify the user of future upgrades. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff.

Station View

Program	Operating System	Application Software
9 CHNL RMY NO FM/FT REV 1	3.11	3.13.0.1.
This is the name of the Program. It is used to expedite your order and for trouble-shooting purposes. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff.	This is the name of the operating system in the DCP. It is used for trouble-shooting purposes and to notify the user of future upgrades. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff	This is the name of the application software in the DCP. It is used to trouble-shooting purposes and to notify the user of future upgrades. If a DCP is ordered from the RSFWSU Depot section (at NIFC), this field will be updated by the Depot staff.

The Narrative section is where users will enter information related to the annual maintenance, repair, and/or upkeep of the station during the latest site visit. Include the date of service, name of the person(s) completing the repair/annual maintenance, sensors replaced, and additional information needed for future visits. Please be brief. Your name and the current date and time (in Mountain Time) will be automatically saved with this new entry; therefore, it is not necessary for you to include that information.

Narrative

New Narrative Entry
Completed annual PM. Replaced tipping bucket, RH/AT, FM/FT and station battery. Verified data transmission with help desk. Cleared debris and overgrowth from station.|

Enter information related to the annual maintenance, repair, and/or upkeep of the station during the latest site visit. Include the date of service, name of the person(s) completing the repair/annual maintenance, sensors replaced, and additional information needed for future visits. Please be brief. Your name and the current date and time (in Mountain Time) will be automatically saved with this new entry; therefore, it is not necessary for you to include that information.

The Notes section is reserved for note entries which contains site-specific information such as uncommon sensors, lack of standard sensors, special access procedures, precautions, etc.. Since this information is retained in NAMS and is not sent to external clients, sensitive information regarding the station can be entered here.

Notes

Notes Entry
GPS D, PHOTO D.
1/1 RAIN RESET
SIGNIFICANT BIRD PERCH ISSUE

Contains site-specific information such as uncommon sensors, lack of standard sensors, special access procedures, precautions, etc.. Since this information is retained in NAMS and is not sent to external clients, sensitive information regarding the station can be entered here.

The Route section contains site-specific information for access to the weather station. The information should be complete enough that the location can be found by someone who has not previously visited the site. Include mileage directions from a near-by town or city, if possible.

```
Route Entry
BLUEWING, NEVADA
              (SOUTH ENTRY)
                    CLASS I

Take exit 93 off I-80, this is called the
Toulon exit.  Start mileage at north side of
underpass.  Head north to Ragged Top.

1.   0.2 miles; pavement ends.
2.   0.1 miles; keep straight.
3.   1.3 miles; keep straight.
4.   4.6 miles; go under power lines.
5.   0.1 miles; your on the summit, STRAIGHT.
6.   2.0 miles; keep to right.
7.   0.8 miles; keep straight.
8.   0.5 miles; right fork.
9.   6.2 miles; old corral on right.
10.  3.7 miles; keep straight.
11.  1.9 miles; keep straight.
12.  9.8 miles; corral on left.
13.  0.1 miles; take right fork to Trego (BLM
     sign).
14.  4.5 miles; keep straight.
15.  0.7 miles; left fork.
16.  5.0 miles; corral with fence and gate,
     continue straight.
17.  0.4 miles; keep straight.
18.  2.2 miles; keep straight.
19.  8.9 miles; keep straight.
20.  0.3 miles; keep straight.
```
1585 of 4000

Contains site-specific information for access to the weather station. The information should be complete enough that the location can be found by someone who has not previously visited the site. Include mileage directions from a near-by town or city, if possible.

The Request RAWS Asset Report section allows the user to have the RAWS Asset Report sent to them via email. The user email address will automatically be populated in the e-mail address bar. You can leave this as is, change it, or add other email addresses (separate by comma).

To receive a RAWS Asset Report, click on the checkbox, and then click the green Submit Post Trip Update button.

Request RAWS Asset Report

Send Report?
☑ Yes
Check this box if you would like the RAWS Asset Report for this station e-mailed to you.

E-mail Address:
testuser@blm.gov

Enter the e-mail address to which to send the RAWS Asset Report. If you would like the report sent to several email addresses, enter each address in the field above and include a comma between each address, as in the following example: jdoe@blm.gov, jane_hall@nps.gov, joe.smith@bia.gov

📄 Submit Post-Trip Update

Past Narrative Entries section will display all historical narrative entries. This is useful in troubleshooting the station using past maintenance events. See the example below:

Past Narrative Entries

Past Narrative Entries
02/07/2022 12:10 Tom Maione:
This is just used for testing loggers and antennas by Brian. I changed the annual date

08/04/2020 14:28 Brian Fuller:
Station continue to be used at depot annex for Testing GOES, G5's and 12s loggers

05/08/2020 12:56 Brian Fuller:
Station is running at Depot Annex to test GOES Antenna's

02/07/2020 13:56 BFULLER:
Another F6 on Loan. Programmed and test. Updated battery to Deep Cell and added F6 Panel. Left older battery configuration in External Box for special projects.

02/06/2018 09:40 Brian Fuller:
Note: F6 is on loan from Kip. It is waiting for upgrade parts from FTS

02/06/2018 09:38 Brian Fuller:
Converted station to FTS where possible. Swapped 1 for 1 analog RMY for SDI version. Used Older SR and THS 2000 RH/AT. No TB installed. This may be a temporary change. testing or any other testing needed by technicians.

09/11/2017 08:34 TMAIONE:
Removed SR and RG-T off station and skipped the sensors in WFMI so we can use them as spares

02/28/2017 12:49 Brian Fuller:
Replaced RH/AT and FM/FT. WS/WD and Tipping bucket validation checks good.