Chapter 6. Working with Station Information *STA*

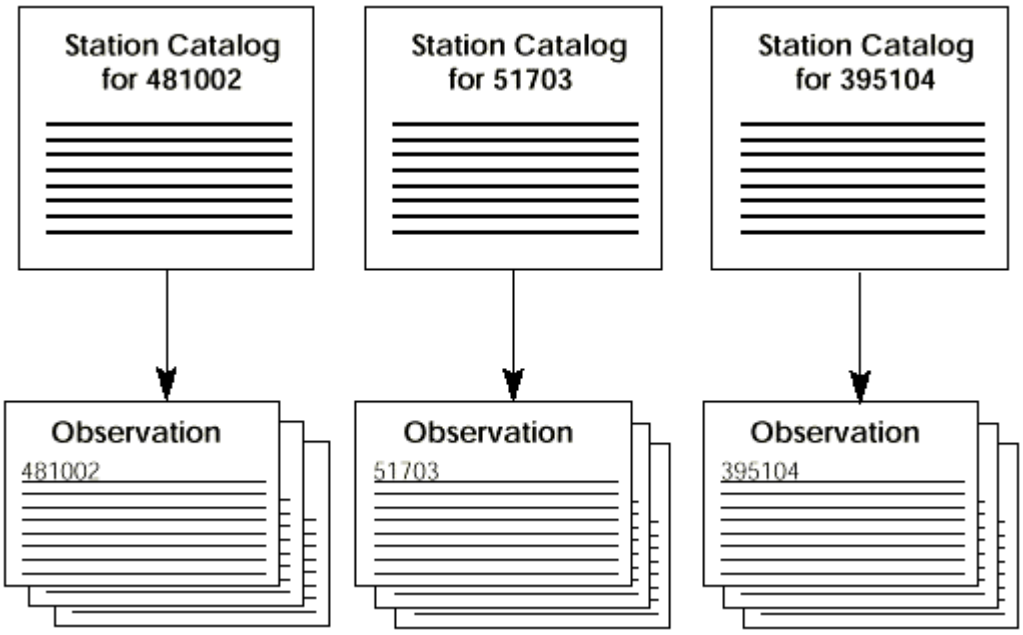
This chapter gives you the information you will need to enter and manipulate station information, Special Interest Group (SIGs), and Access Control Lists (ACLs).

The menu options and functions you will be able to access depends on your access level, and tasks described in this chapter are not available to everyone. For more information about access levels, see Appendix A, "Menus, FastPaths, and access levels."

Station Information

A station gathers weather observations for a specific location on the earth. Weather observations are transmitted to WIMS from approximately 900 satellite remote stations, 30 radio remote stations, and by approximately 800 manual stations located throughout the Nation.

Before weather observations can be entered for a particular station, the station number and any associated station information must be stored in WIMS as a station catalog.

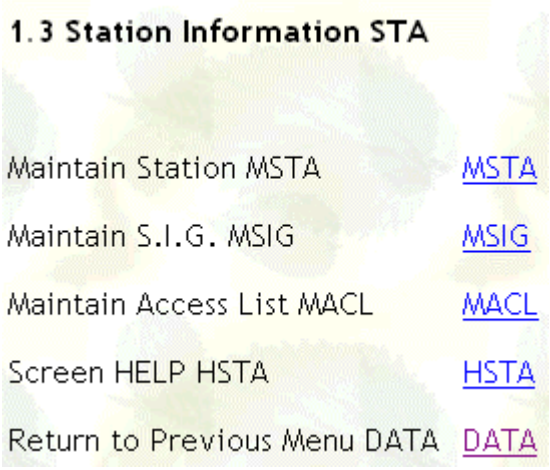


When you enter an observation, you only need to enter the station number or SIG. Since WIMS accesses the station catalog for station information, you do not need to reenter it for each observation. This saves you time and effort by not having to repeatedly enter station information for every observation.

To delete a station, please contact F&AM Fire Applications Helpdesk at 1-800-253-5999 or send a short message to fire_help@dms.nwgq.gov.

Accessing the Station Information menu

To access Station information click Data Entry and Manipulation then Station Information on the submenu that appears. You can also access the Station Information menu using the FastPath form by typing STA and clicking Go.



The Station Information menu allows you to:

- Maintain station information
- Maintain a SIG
- Maintain an ACL.

To access the Station Information menu

You can go directly to any of the Station Information menus by typing the FastPath command:

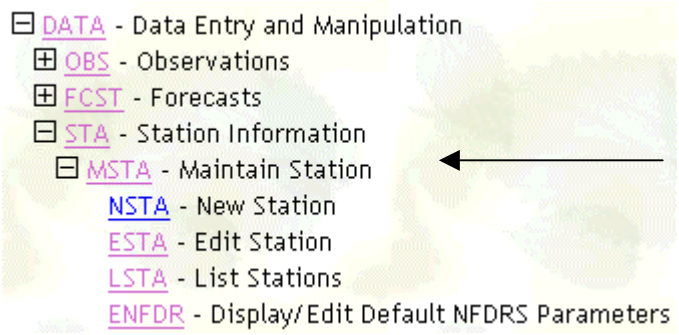
- **MSTA**, to display the Maintain Station menu
- **MSIG**, to display the Maintain S. I. G. menu
- **MACL**, to display the Maintain Access List menu.

Accessing the Maintain Station Information menu

The Maintain Station Information menu allows you to:

- Create a new manual or RAWS station
- Edit an existing station
- List existing stations
- Edit NFDR parameters.

To access the Maintain Station menu



In the Option/ FastPath: field, type MSTA and click Go.

Remember, you can skip this menu by typing the FastPath command:

- **NSTA**, to display the Create General Station Information menu
- **ESTA**, to display the Display/ Edit General Station Information menu
- **LSTA**, to display the List Stations form
- **ENFDR**, to display the Display/ Edit Default NFDRS Parameters.

Only a WIMS system administrator can delete a station from the station catalog.

Creating a new station

To create a new station type NSTA in the Option/FastPath command line, or click New Station from the Maintain Station menu.

To create a new station you will need the following information:

- Station ID
- Site description
- FIPS information, including county and state codes
- Latitude and longitude of the station location

- Station type and name
- Access Control List
- Unit conversion codes
- Other station information
- Station owner and owner's WIMS logon ID

Depending on the type of station you create, you will complete up to three forms:

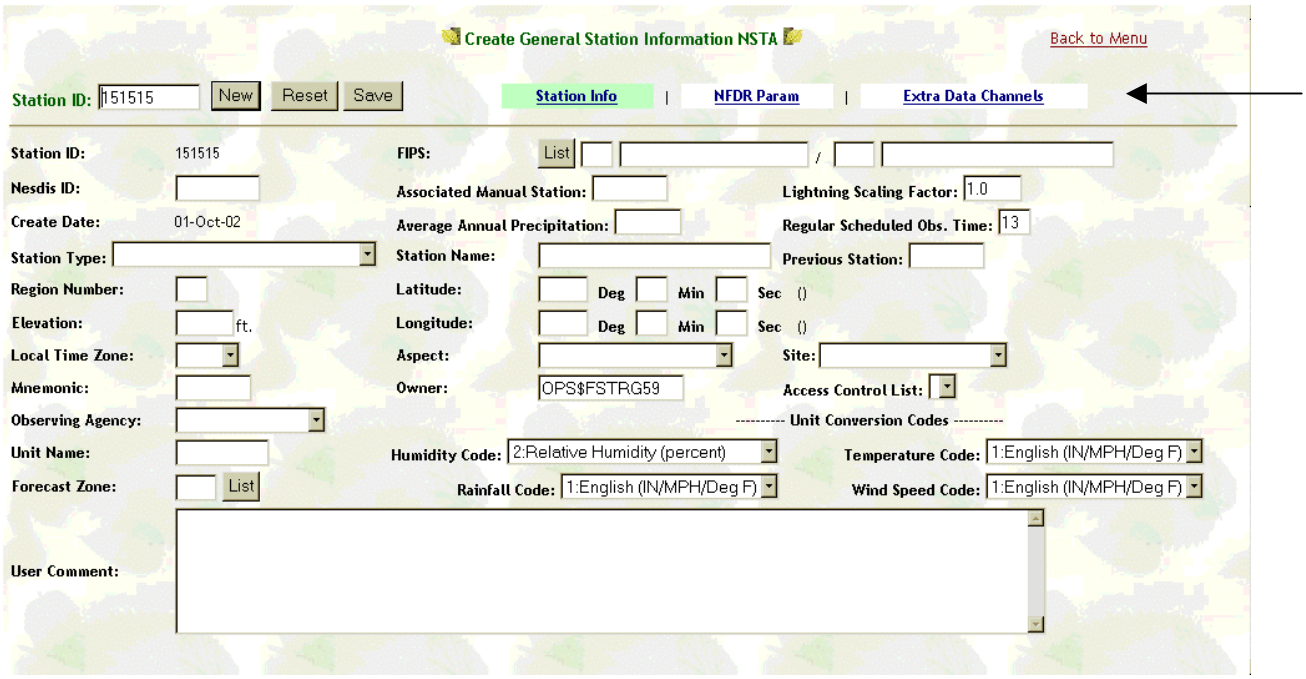
- Create General Station Information
- Create Default NFDRS Parameters
- Create Automated Sensor Station Information.

You must have the WIMS Data Manager access level to create a new station.

To access the Create General Station Information form

In the Option/ FastPath: field, type NSTA. The Create General Station Information screen will open.

Enter the new Station ID and click New. The NSTA form will open to the first of three screens. To move between the screens click on the links to the right of the save button.



General Station Information field definitions table

Use the field definitions listed below to complete General Station Information form.

Field	Description and action to be taken
Station ID (Station number) *Required Field*	The Station ID, a six-digit number is assigned by the local NWS office. Enter the number of the station you want to create: As a general rule of thumb: • The first two digits represent the state. • The next two digits represent the county. • The last two digits represent the weather station. *This numbering scheme is the preferred method but is not enforced after fiscal year 1995. Contact your local NWS office for the Station ID you should assign to the new station.*
FIPS (FIPS code) *Required Field*	Using ANSI standards, this field automatically displays the county code, county name, state code and state name, based on the station ID. *If this numbering scheme is not enforced, you must enter the county and state codes.*

Field	Description and action to be taken
Associated Manual Station (Associated station number -optional)	Enter the station ID of any associated manual station. *This field is valid for type 4-NFDRS RAWS stations only, to retrieve data from the associated manual station that the RAWS station does not collect.*
NESDIS ID (RAWS station number)	Enter the number that identifies the Remote Automatic Weather Station, as issued by NOAA-NESDIS. Contact your agency RAWS coordinator for NESDIS Ids. *This field is valid for RAWS satellite telemetered stations only.*
Lightning Scaling Factor (Lightning factor)	The default entry is 1.0. The field may be left with the default entry or blank.
Create Date/ Last Modified (Station creation date)	This field displays the creation date of the new station or the date of the last modification, in the format DD-MMM-YY. *This field is a computer-generated field.*
Average Annual Precipitation *Required Field*	Enter the amount in inches, of the average annual precipitation, based on past records or NWS information. *You must specify the Average Annual Precipitation in the station catalog to obtain an accurate Keetch-Byram Drought Index (KDBI) value.*
Station Type *Required Field*	Enter the type of station: **Type Description** 1 Manual (non-NFDRS) 2 Manual (NFDRS) 3 RAWS (satellite, non-NFDRS) 4 RAWS (satellite, NFDRS) 5 RAWS (non-satellite, non-NFDRS) 6 RAWS (non-satellite, NFDRS) 7 Historic Non-Active 8 Dummy 9 Unknown.
Station Name	Enter the name of the station, up to 20 characters.
Latitude (Latitude location) *Required Field*	Enter the latitude location of the station, in degrees, minutes, and seconds.
Longitude	Enter the longitude location of the station, in

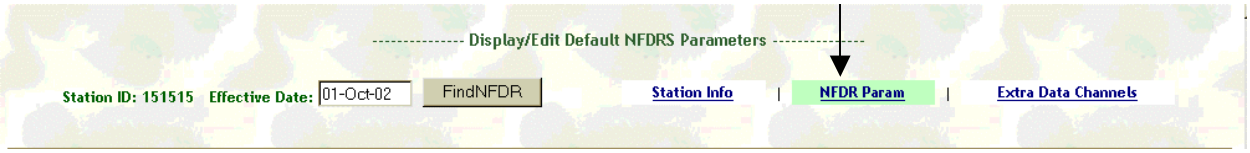
Field	Description and action to be taken
(Longitude location) *Required Field*	degrees, minutes, and seconds.
Region Number (Station region number)	Enter the USDA Forest Service Region number (1, 2, 3, 4, 5, 6, 8, 9, 10) where the station is located. Enter the number even if the station is run by an agency other than the Forest Service.
Aspect (Aspect class code)	Enter the aspect class code to identify the cardinal direction of the slope where the station is situated: **Code** **Description** **0** Flat/ None 1 Northeast 2 East 3 Southeast 4 South 180° 5 Southwest 6 West 7 Northwest 8 North
Elevation (Station elevation) Required Field	Enter the station's elevation, in feet above sea level.
Site (Station site location)	Enter the site code that best describes the station location: **Code** **Description** 1 Valley bottom or flat 2 Midslope 3 Ridge or peak top.
Local Time Zone (Standard time zone code)	Enter the local standard time zone code: **Code** **Description**

Field	Description and action to be taken
	AST Atlantic Standard Time BST Bering Standard Time CST Central Standard Time EST Eastern Standard Time GMT Greenwich Mean Time HST Hawaiian Standard Time MST Mountain Standard Time NST Newfoundland Standard Time PST Pacific Standard Time YST Yukon Standard Time
Previous Station (Previous station number)	Enter the number of the previous station, if applicable. If a station was not moved or changed from manual to RAWS you can identify it, or if the number changed you can cross reference the historic data.
Mnemonic	Enter the assigned station mnemonic, up to 6 characters, to name the site. *See Unit Identifiers (PMS 931)*
Unit Name (Unit name)	Enter the name of the station or the name of the unit responsible for the station.
Owner (Owner's WIMS logon ID)	Enter the WIMS logon ID of the person who owns the station.
Observing Agency (Responsible observing Agency) Required Field	Enter the code that corresponds to the agency responsible for the station: **Code Description** 1 USDA FS 2 USDI BLM 3 USDI NPS 4 USDA BIA 5 State 6 Local Government 7 PVT/Commercial 8 Other Federal 9 Unknown
Access Control List (Related ACL)	Enter the name of the Access Control List for the station, if any.

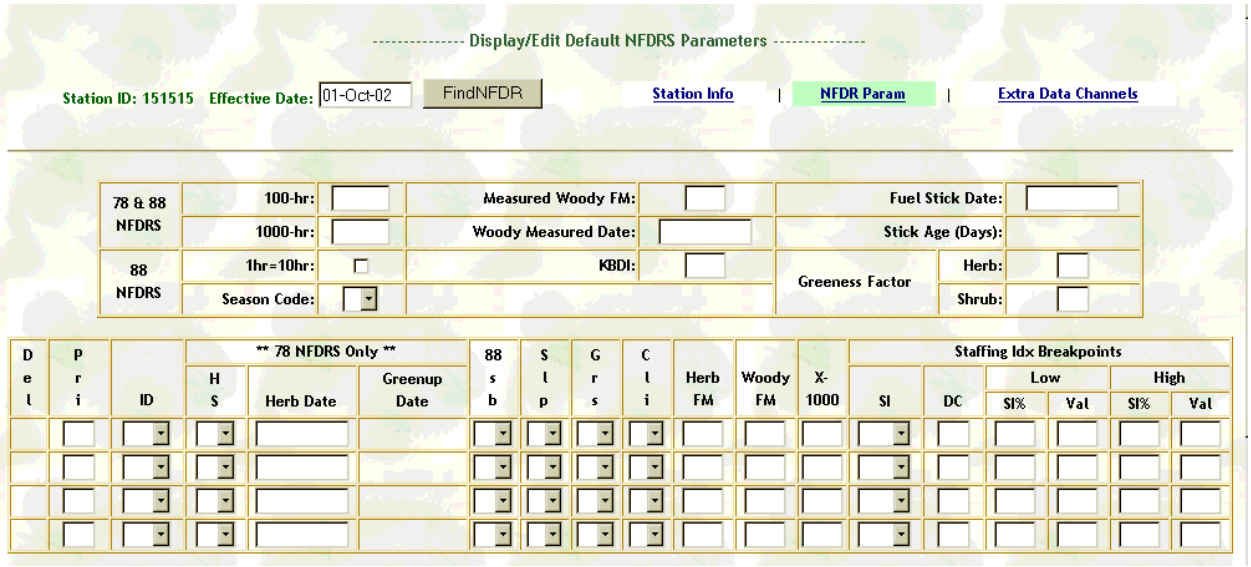
Field	Description and action to be taken
Regular Scheduled Observation Time	Using the 24-hour clock, enter the local time to the nearest hour when observations are recorded: *WIMS truncates the time to the hour. The Standard Observation Time is " 13" (1: 00 pm).*
Humidity Code: (Type of humidity measurement)	Enter the humidity code that WIMS is to expect for Observations: Wet-Bulb Temperature (deg. F) Relative Humidity (percent) Dewpoint Temperature (deg. F) Wet-Bulb Temperature (deg. C) RESERVED --DO NOT USE Dewpoint Temperature (deg. C). *The default Humidity Code for a manual station is " 1" (Wet-Bulb). If you will be measuring relative humidity in the station's observations and forecasts, you must set the Humidity Code to " 2" (Relative Humidity). RAWS stations default to Humidity Code " 2".*
Temperature Code: (Type of temperature measurement)	Enter the temperature code to identify the measurement system: **Code Description** English (IN / MPH / Degrees F) Metric (MM / KPH / Degrees C).
Forecast Zone	Enter the NWS fire weather forecast zone number. *WIMS validates this field. For example, " 415" identifies the NWS forecast zone for the Grand Teton station. To obtain forecast indices and components, this field is required. This can be left blank a forest zone is not required to request zone through the local NWS office.*
Rainfall Code: (Type of rainfall measurement)	Enter the rainfall code to identify the measurement system: **Code Description** 1 English (IN / MPH / Degrees F) Metric (MM / KPH / Degrees C).
Wind Speed Code: (Type of wind speed measurement)	Enter the wind speed code to identify the measurement system: **Code Description**

Field	Description and action to be taken
	1 English (IN / MPH / Degrees F) 2 Metric (MM / KPH / Degrees C).
User Comment	Enter any additional station information and/ or comments.

After the General Station Information has been completed click on the **NFDR Parameter Link.**



The Display/Edit Default NFDRS Parameters screen will open.



NFDRS Parameter Definitions

Field	Description and action to be taken
100-hr: (100-hour timelag fuel moisture model) 78 & 88 NFDRS	The calculated moisture content, in percent, of dead fuels in the 1 to 3-inch diameter class, for the primary fuel model (priority 1). *WIMS automatically enters a default value based on the selected climate class.*
1000-hr:	The calculated moisture content, in percent, of dead fuels in the 3 to 8-inch diameter class, for

Field	Description and action to be taken
(1000-hour timelag fuel moisture model) 78 & 88 NFDRS	the primary fuel model (priority 1). *WIMS automatically enters a default value based on the selected climate class.*
Measured Woody FM: (Woody fuel moisture) 78 & 88 NFDRS	Enter the locally measured woody fuel moisture for the station. *This information is optional.*
Woody Measured Date: (Woody fuel moisture date) 78 & 88 NFDRS	Enter the date the woody fuel moisture was measured, in the format DD-MMM-YY. For manned stations.
KBDI: (Keetch-Byram drought index) 78 & 88 NFDRS	Enter the current Keetch-Byram drought index startup value for the area, from " 0" (saturated) to " 800" (maximum drought). *To receive an accurate KBDI value for both 78 and 88 fuel models, you must enter the Average Annual Precipitation amount in the station's catalog.*
Fuel Stick Date (Fuel stick installation date)	Enter the date the fuel sticks were installed or changed, in the format DD-MMM-YY. *Fuel Stick Date is used for historical purposes only. The fuel stick aging routine has been disabled for automated stations, but remains active for manual stations.*
Stick Age (Days) (Stick age in days)	Displays the number of days since the fuel stick was changed. The fuel stick aging routine has been disabled for automated (RAWS) stations. If possible change the fuel sticks every 30 days.
1hr=10hr (10hr fuel moisture used as 1hr fuel moisture, for 1988 fuel models only).	Enter either "Y" or "N" to indicate if the computed or weighted 10hr fuel is used as the 1hr fuel.
Season Code (Station season code, for 1988 fuel models only)	Enter the appropriate season code: **Code Description** 1 Winter 2 Spring 3 Summer 4 Fall

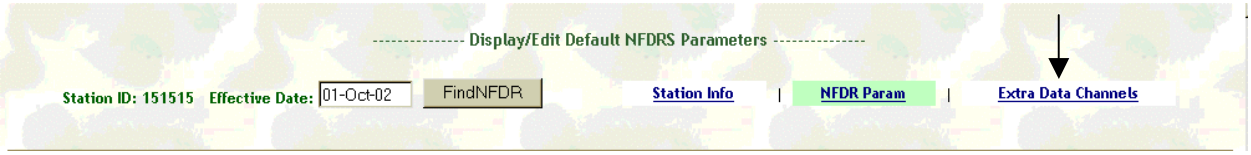
Field	Description and action to be taken
Greenness Factor – Herbaceous (Herbaceous greenness factor, for 1988 fuel models only)	Enter the current herbaceous factor for the station, from "0" (dead/dormant) to "20" (maximum greenness).
Greenness Factor – Shrub (Shrub greenness factor, for 1988 fuel models only)	Enter the current shrub factor for the station, from "0" (dead/dormant) to "20" (maximum greenness).
Pri (Priority rating)	Displays the priority rating of the fuel model(s). *If you enter more than one fuel model, WIMS automatically increments the priority rating for the next fuel model.*
ID (Fuel model ID)	Enter the prefix and fuel model code to identify the fuel model and version of NFDRS you are using for this station: **Prefix Version** 7 1978 NFDRS fuel model 8 1988 NFDRS fuel model. **Code Description** A Annual Grasses B Mature brush C Open pine with grass D Southern rough E Hardwood litter (fall) F Intermountain west brush G West coast conifers H Short needle conifers I Heavy slash J Medium slash K Light slash L Perennial grasses N Saw/ marsh grasses O High pocosin P Southern long-needle pine Q Alaska black spruce R Hardwood litter (summer) S Tundra T Sagebrush with grass U Western long-leaf pine. *For example, " 7A" identifies the 1978 NFDRS*

Field	Description and action to be taken
	Annual Grasses fuel model ID; " 8N" identifies the 1988 NFDRS Saw/ marsh grasses fuel model ID.
H S (Herbaceous vegetation stage code, for 1978 fuel models only)	Enter the herbaceous vegetation stage code to describe the General condition of the herbaceous vegetation in the area: **Code Description** C Cured F Frozen G Green P Pre-Green T Transition. *For the initial station catalog entry, you must specify either a " G, " " F, " or " P. " "P" is the default.* *For more information about herbaceous vegetation stage codes, see " x1000, Annual, and Perennial herbaceous fuel moisture models" and " Setting the Greenup date for a station" in Appendix E, " NFDRS technical reference. "*
Herb Date (Herbaceous vegetation stage code date, for 1978 fuel models only)	Enter the date associated with the current herbaceous vegetation stage code, in the format DD-MMM-YY.
Greenup Date (Herbaceous fuel Greenup date)	Displays the associated herb date for the last Green Vegetation stage code " G".
Sb (Prevalent shrub cover, for 1988 fuel models only)	Enter the code for the prevalent type of shrub cover: **Code Description** D Deciduous E Evergreen.
Slp (Average slope)	Enter the code that represents the average percent slope of the area: **Code Description** 1 0-25 percent 2 26-40 percent 3 41-55 percent 4 56-75 percent 5 Over 75 percent.
Grs (Prevalent grass)	Enter the code for the prevalent type of grass in the area: **Code Description**

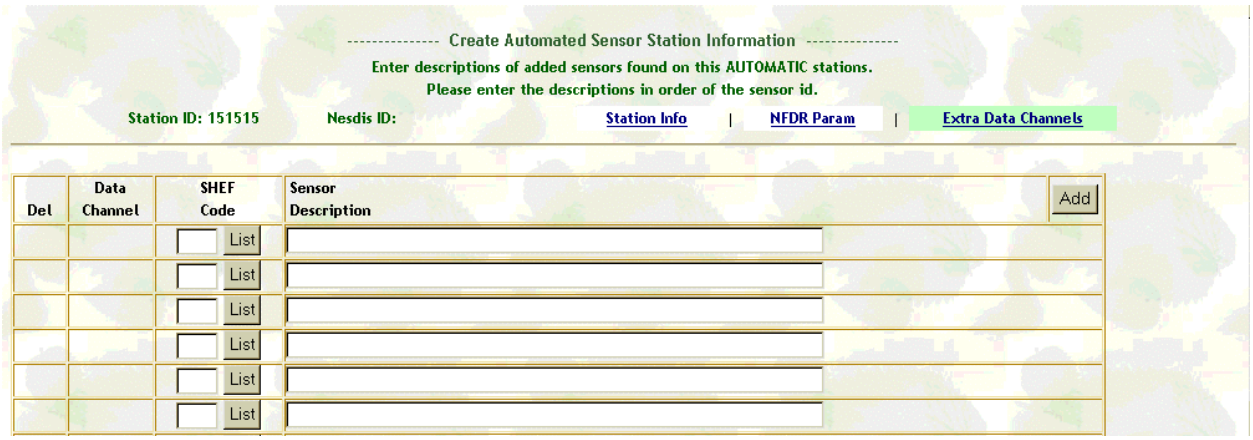
Field	Description and action to be taken
	A Annual P Perennial.
Cli (Climate class)	Enter the code that best represents the climate in the area: **Code Description** 1 Arid-Desert & Steppe 2 Subhumid-Dry season 3 Subhumid-Adeq Rain 4 Wet-Rain Forest.
Herb FM (Herbaceous fuel moisture)	Represents the calculated herbaceous fuel moisture content. WIMS automatically enters a default value based on the selected climate class. For the 1978 NFDRS fuel model, the maximum herbaceous fuel moisture content is 250 percent.
Woody FM (Woody fuel moisture)	Represents the calculated woody fuel moisture content. *WIMS automatically enters a default value based on the selected climate class. For the 1978 NFDRS fuel model, the maximum woody fuel moisture content is 200 percent.*
X-1000 (Live fuel moisture recovery value)	Relates the response of the live herbaceous fuel moisture model to the 1000-hour time lag fuel moisture value. *WIMS automatically enters the default value based on the default 1000-hour value.*
SI (Staffing index)	For each fuel model, enter the index code that identifies the NFDRS component that forms the basis for staffing: **Code Description** BI Burning Index EC Energy Release Comp IC Ignition Component KB Keetch_ Byram Drought Index
DC (Number of display classes)	Enter the number of staffing classes, ranging from 3 to 9, for that staffing index.
Low SI% (Low staffing index percentile)	Enter the low staffing index percentile for the staffing index, to help guide staffing levels.

Field	Description and action to be taken
	This value normally represents the upper limit of the " high" fire danger class. For FS stations, the default value is "90. " For BLM stations the default value is " 80. "
Low Val (Low value staffing index) Enter the value of the staffing index at the " low" fire danger class.	Enter the value of the staffing index at the "low" fire danger class.
High SI% (High staffing index percentile)	Enter the high staffing index percentile for the staffing index, to help guide staffing levels. This value normally represents the upper limit of the "very high" fire danger class. For FS stations, the default value is "97." For BLM stations the default value is "95."
High Val (High value staffing index)	Enter the value of the staffing index at the " high" fire danger class. *This value is never lower than the low value staffing index.*
Startup Greenness Factors: Herb: (Herbaceous greenness factor, for 1988 fuel models only)	Enter the current herbaceous factor for the station, from " 0" (dead) to " 20" (maximum greenness). *These change through the season.*
Startup Greenness Factors: Shrub: (Shrub greenness factor, for 1988 fuel models only)	Enter the current shrub greenness factor for the station, from " 0" (dormant) to " 20" (maximum greenness).

After entering the default NFDRS Parameters click the Extra Data Channels.



The Create Automated Sensor Station Information screen will display.



WIMS displays the Create Automated Sensor Station Information form when you create a RAWS station, including:

- **Type 3**: non-NFDRS, satellite RAWS station
- **Type 4:** NFDRS, satellite RAWS station
- **Type 5**: non-NFDRS, non-satellite RAWS station
- **Type 6**: NFDRS, non-satellite RAWS station.

The Shef Codes for the eight standard sensors installed on every RAWS station are already accounted for. Any additional date channels added to the station will be automatically updated in WIMS through ASCADS.

To save the new RAWS station, click add. The user will be returned to Create General Information Screen. Click **Save** to save the station information in WIMS.

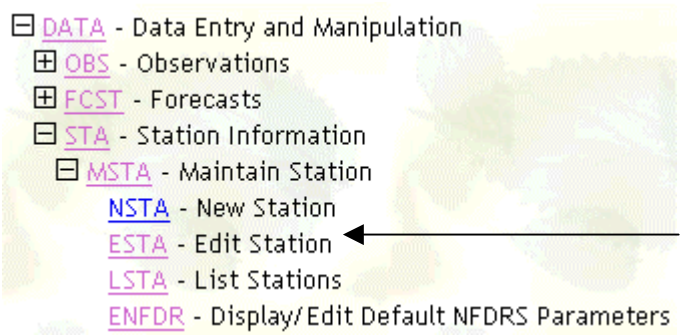
Displaying/ editing station information

Periodically, you may need to display or edit the station catalog to:

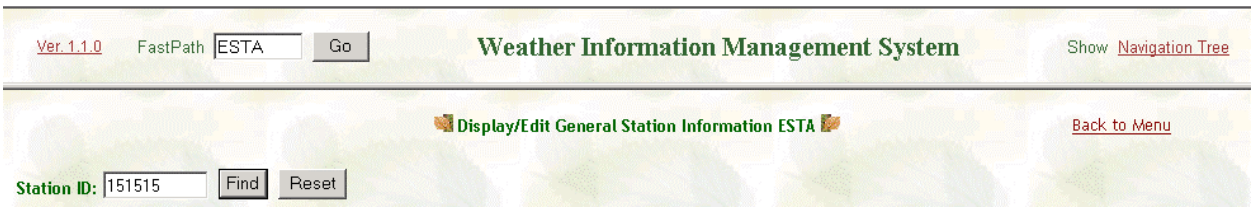
- Confirm values or change general station information
- Add or delete sensors to a RAWS station.

Although anyone can display a station, only the station's owner or the WIMS logon IDs identified in that station's ACL can edit station information.

To access the Display/ Edit General Station Information form

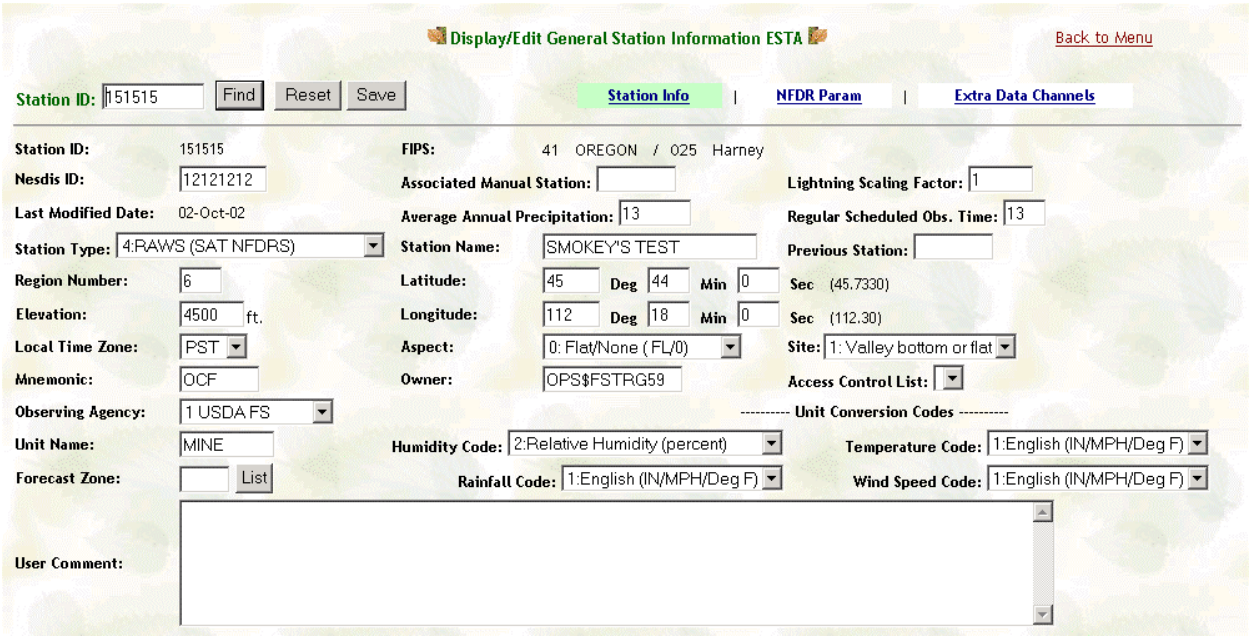


In the Option/ FastPath: field, type ESTA and click Go



Enter the station number and click **Find**.

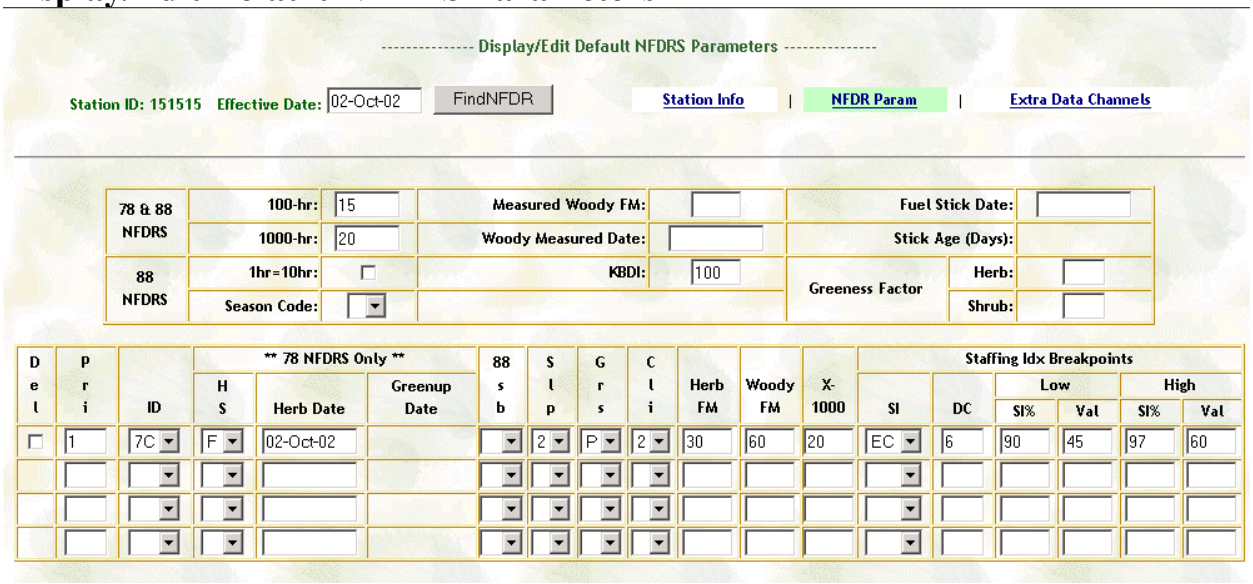
Display/Edit General Station Information ESTA



From the Display/ Edit General Station Information form:

In the Station ID field, type the number of the station to be displayed and add, edit, and delete station information from the Display/ Edit General Station Information form.

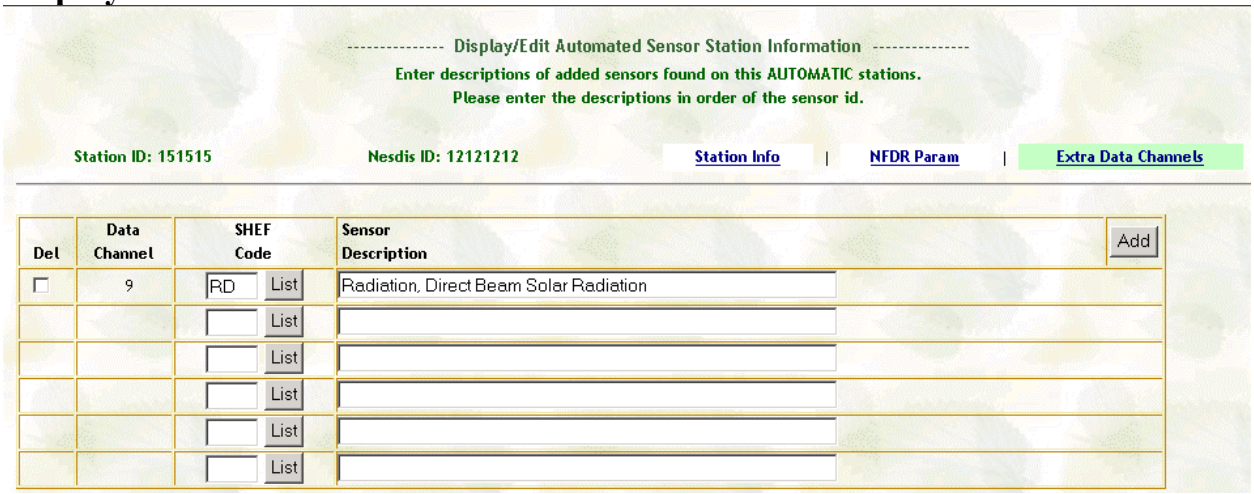
Display/Edit Default NFDRS Parameters



Add, edit, and delete the Default NFDRS Parameters in the second section of the form.

It is recommended that any changes made to the NFDRS Parameters be done using the FastPath ENFDR.

Display/Edit Automated Sensor Station Information



The third section of the form allows you to edit the Automated Sensor Station Information form. Add, edit, and delete sensor station information from the Display/ Edit Automated Sensor Station Information form.

To save the changes you made to the station information, click Save.

To obtain access to edit station information of a specific station number

If you are not the station owner and need to edit the station, contact the station's owner identified in the Owner field on the Display/ Edit General Station Information form and request to be added to the station's ACL.

List Stations

The List Stations form allows you to quickly list station information using search criteria that you specify. From this form you can create a customized list:

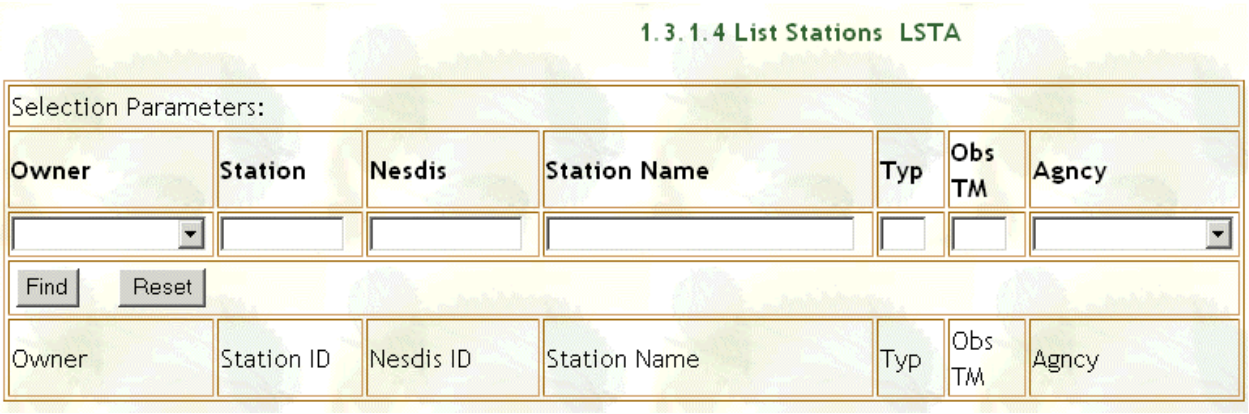
- Listing station numbers of a specific owner
- Listing all station numbers of a specific agency
- Listing all station numbers of a specific owner for a specific observation time.

Using varied search criteria, you can create many different specialized reports.

To access the List Stations form

In the Option/ FastPath: field, type LSTA and click Go.

LSTA form



The query block on the List Stations form includes the following fields:

- Owner
- Typ
- Station
- Obs TM
- Nesdis
- Agncy
- Station

For more information about query blocks and performing wildcard queries, see Chapter 5, "Beyond the basics."

To list all Forest Service stations

From the List Stations form:

From the dropdown menu Agncy field, then click USDA FS.

The List Stations form redisplays, listing all Forest Service station numbers.

To list stations by owner

From the List Stations form:

In the Owner dropdown menu, click the owner's WIMS logon ID of the station(s) you want to list.

The owner's WIMS logon ID must be prefixed with " OPS$ ". For example, a valid WIMS logon ID is " OPS$FSS2305".

After entering all search parameters, click submit.

If you want to specify other search parameters to narrow your search, enter them in the appropriate fields and click submit.

The List Stations form redisplays, listing the stations that match the WIMS logon ID you specified.

Editing NFDRS parameters

The Display/ Edit Default NFDRS Parameters form allows you to display and edit any existing NFDRS parameters, including:

- Modify the fuel moisture values currently being used to calculate NFDRS outputs
- Enter station season codes for 1988 NFDRS fuel models
- Enter herbaceous vegetation stage code for 1978 NFDRS fuel models
- Greenup a station.

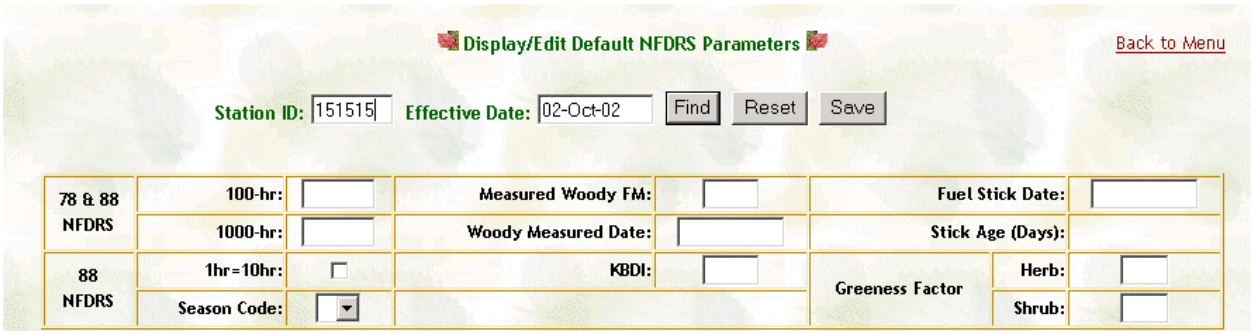
Modifying fuel moisture values can significantly affect the NFDRS outputs. Any changes should be coordinated with agency fire-danger rating experts. For more information about how to adjust the herbaceous stage of a station, see Appendix E, " NFDRS technical reference. "

You cannot edit NFDRS parameters from the ESTA form. You must be the owner of the station or be identified on the station's ACL to edit default NFDRS parameters. If you are not the owner of the station and do not have access authorization on the ACL for that station, contact the station's owner identified in the Owner field on the Display/ Edit General Station Information form and request to be added to the station's ACL.

To access the Display/ Edit Default NFDRS Parameters form

In the Option/ FastPath field, type ENFDR and click Go.

ENFDR form

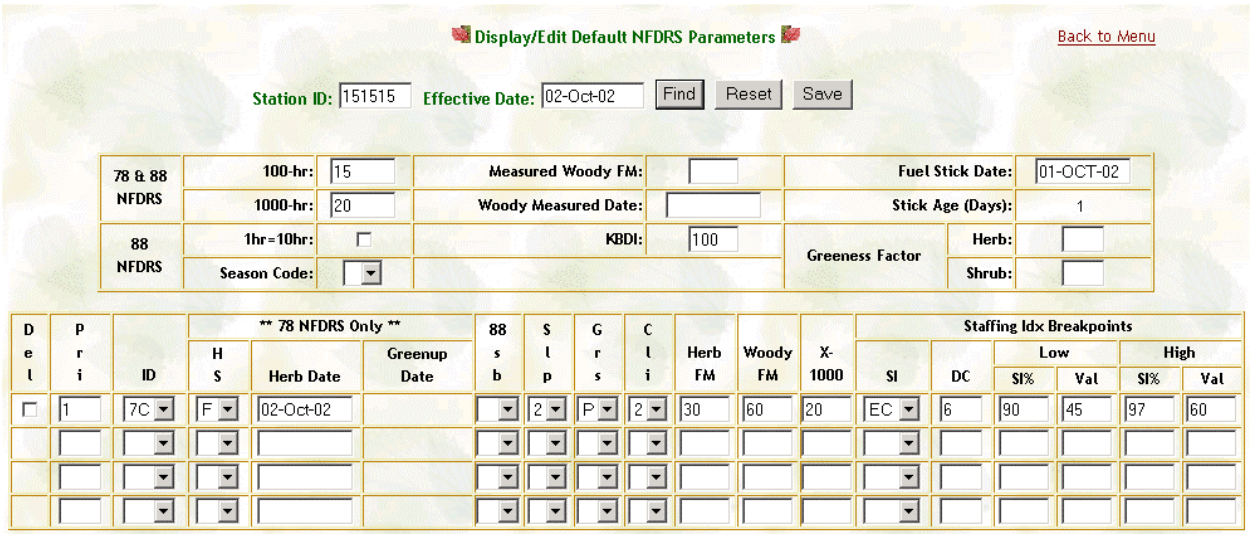


To display or edit default NFDRS parameters for a station

From the Display/ Edit Default NFDRS Parameters form:

In the Station ID: enter the station number.

In the Effective Date: field, type the effective date the changes are to take place and then click find to display the NFDRS parameters for a station.

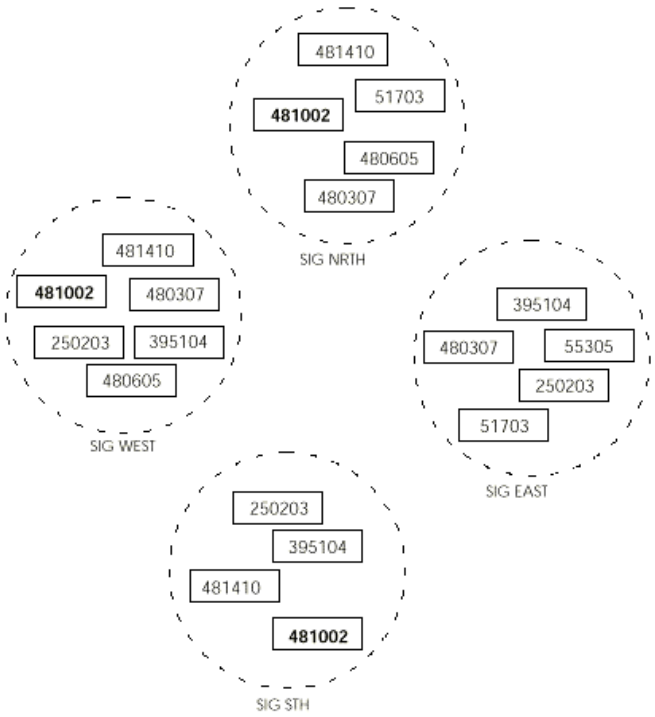


To change any NFDRS parameters that display, edit the appropriate fields in the form, as instructed in the NFDRS parameters table. To save the changes you made to the default NFDRS parameters, click **Save**. A message will be returned to the browser indicating that the operation was succesful.

Special Interest Groups (SIGs)

Stations in different geographical locations, regions, or administrative boundaries can be grouped together to form a SIG. Using a SIG, you can easily edit or display weather observations or calculated NFDRS indices for the same group of stations.

If a station number is of particular interest to many WIMS users, it can exist in many different SIGs. As shown in the example below, station number 481002, " School House Park, " belongs to SIGs " NRTH, " " WEST, " and " STH. " It does not belong to SIG " EAST. "



Once you create a SIG you do not need to remember each individual station number. Instead, you only need to remember the SIG name. Once you create a SIG it is Private, and can only be maintained and used by you.

Public SIGs are groupings of NWS stations in designated fire weather forecast zones. These are available for everyone's use.

WIMS automatically creates and maintains Fire Weather Forecast Zone SIGs when the Forecast Zone field is completed on the Create General Station Information form.

Public SIGs are named using numbers, while Private SIGs are named using characters and numbers. For more information about locating existing SIGs, see " Listing SIGs" later in this chapter.

Accessing the Maintain S. I. G. menu

The Maintain S. I. G. menu allows you to:

- Create a new SIG
- Edit a SIG
- Delete a SIG
- List SIGs
- Assign NFDR weighted averages to a SIG.

To access the Maintain S. I. G. menu

In the Option/ FastPath: field, type MSIG and click Go.

Remember, you can skip this menu by typing the FastPath command:

- NSIG, to display the Create a Special Interest Group form
- ESIG, to display the Display/ Edit a Special Interest Group form
- DSIG, to display the Delete Special Interest Groups form
- LSIG, to display the List of Special Interest Groups form
- EAVG, to display the Display/ Edit NFDRS Weight Assignments form

Creating a new SIG

Determine the need for a new SIG before you create one. As a guideline, define a SIG whenever you need to repeatedly gather or display information from five or more different station numbers.

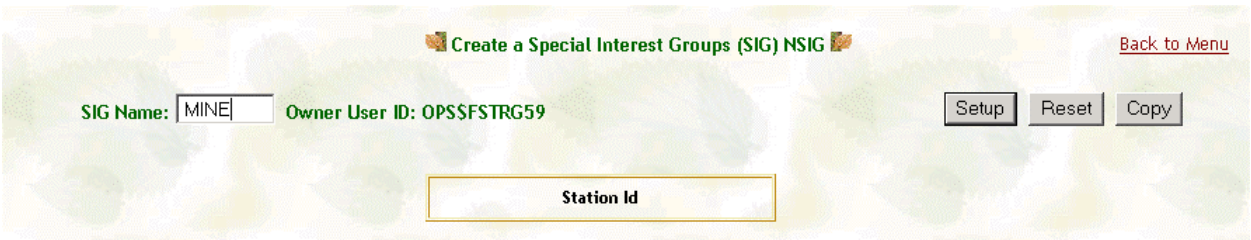
You can use up to four characters to name your SIG and the first character must be alphabetic. Once you create it, your WIMS logon ID displays as the "Owner User ID" of the SIG.

If creating SIGs for editing daily observation data, make your editing process more convenient by grouping similar station types together into one SIG. For example, create one SIG that identifies RAWS (satellite) stations and another SIG that identifies manual (non-satellite) stations.

To access the Create a Special Interest Group form

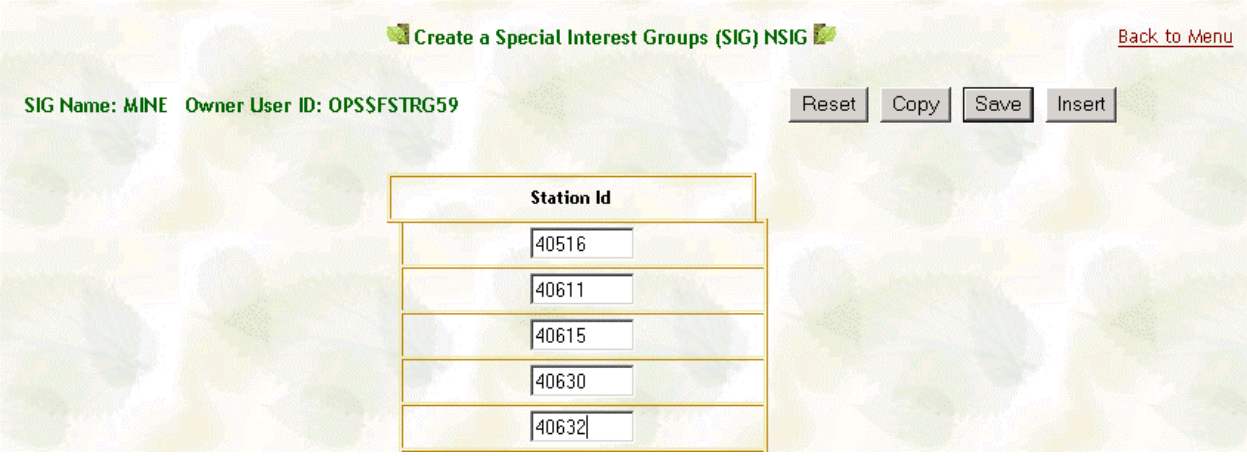
In the Option/ FastPath: field, type NSIG and click Go.

NSIG form



Enter the name of the SIG to be created and click **Setup**.

The first character of the new SIG name must be alphabetic.



Enter the Station Id's to be included in the SIG. Click **Save**.

The Station Id's will be highlighted and a message will display confirming the creation of the SIG.

Copy a SIG

You can copy a SIG from another user.

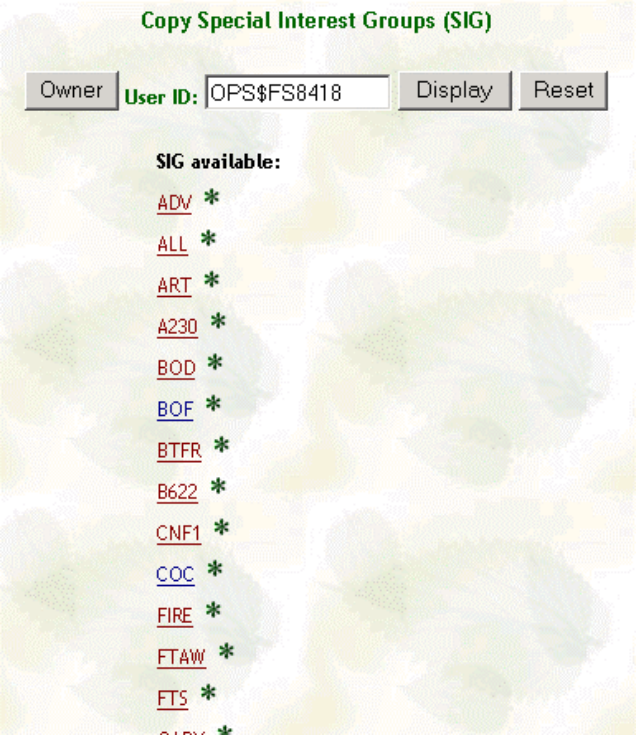
In the Option/ FastPath: field, type NSIG and click Go.

The Create a Special Interest Groups (SIG) NSIG screen will display.

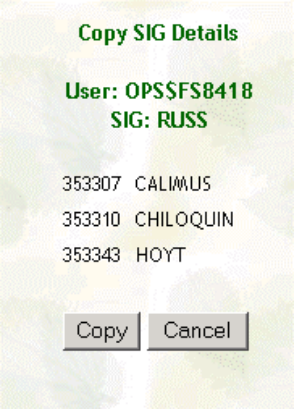
Enter the name of the SIG to be created and click **Setup**.

The screen will display boxes for Station Id's to be entered. Click **Copy**.

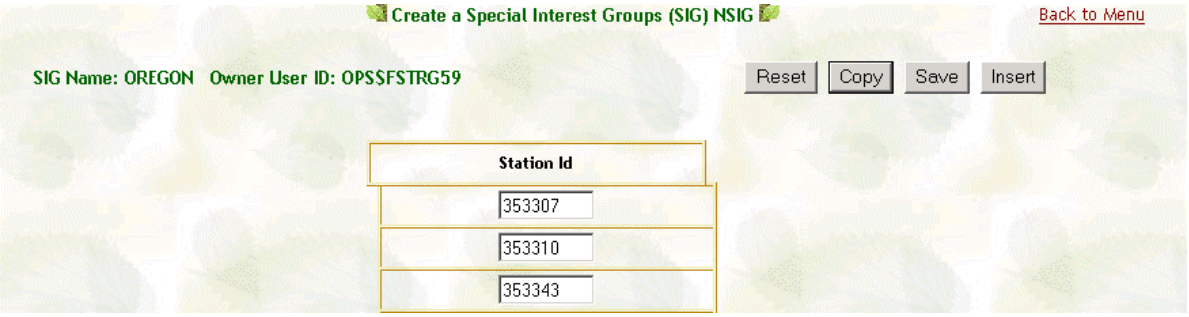
Enter the User ID of the person from whom you want to copy of SIG. Click **Display**.



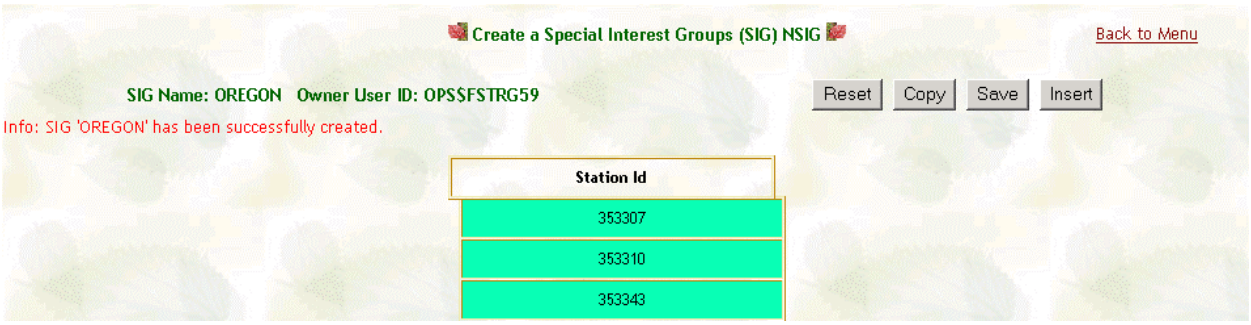
The screen will return a list of all of the SIGs. Click on the desired SIG name.



A box will open showing the stations in the desired SIG. Click **Copy** to copy the SIG.



The Station ID boxes are filled with the station ids from the copied SIG. Click **Save**.



The Station ID boxes will be highlighted and a message will display showing the successful creation of the SIG.

Editing a SIG

You can add and delete station numbers from a SIG that you previously created.

To access the Display/ Edit a Special Interest Group form

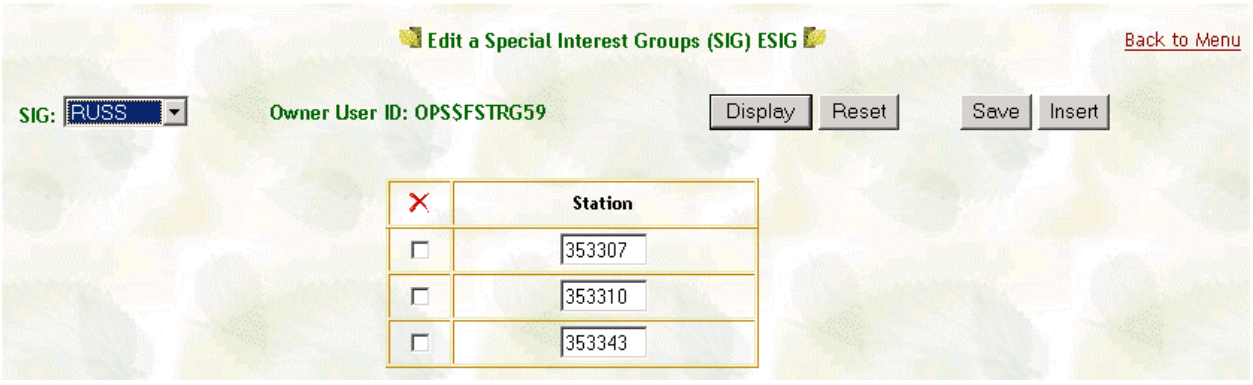
In the Option/ FastPath: field, type ESIG and click Go.

The Edit a Special Interest Groups (SIG) ESIG form will display.

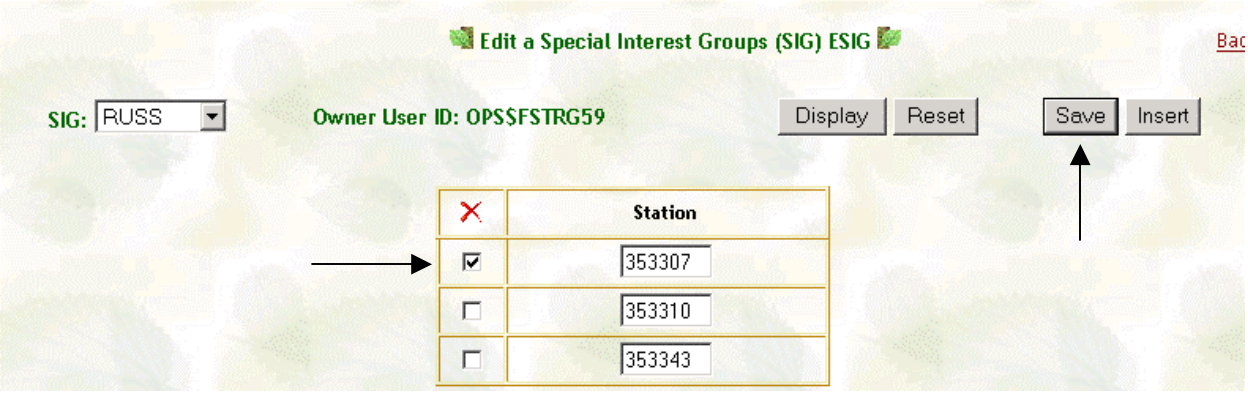
Click the drop down arrow to open the list of SIGs.

Click the name of the desired SIG.

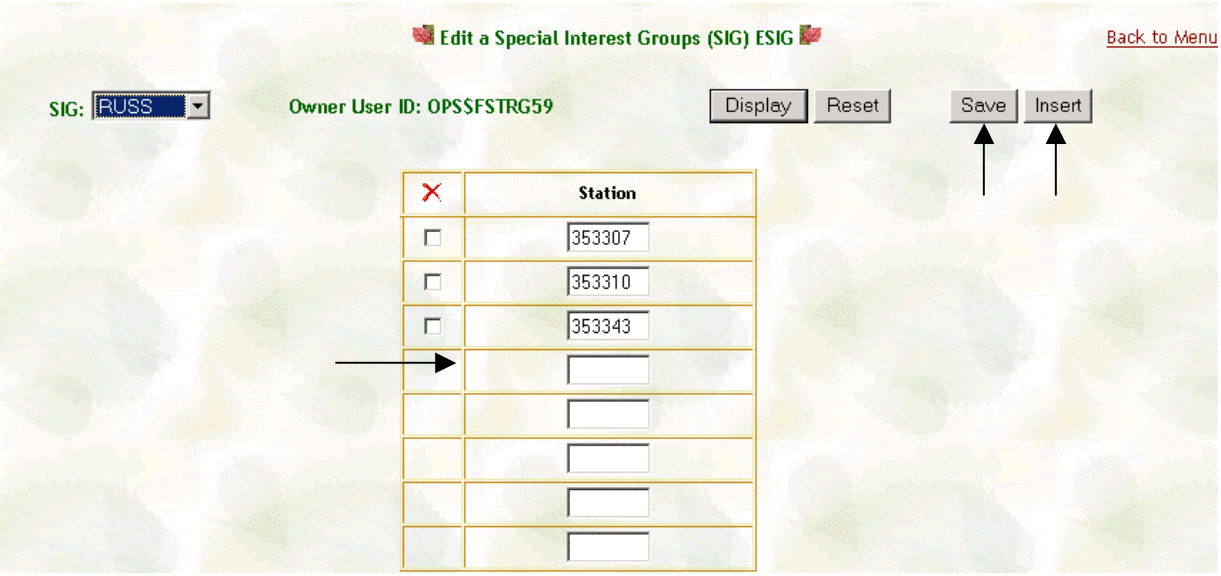
The desired name will display in the dropdown box. Click **Display**.



The form will display all of the stations currently in the SIG.



To delete a station of the SIG, click in the box under the red X next to the desired station. Click on Save to save the changes.



To insert more stations into the SIG, click on the **Insert** button. The form will display input boxes for additional stations to be entered. After entering the additional stations click **Save** to keep the changes.

Deleting a SIG

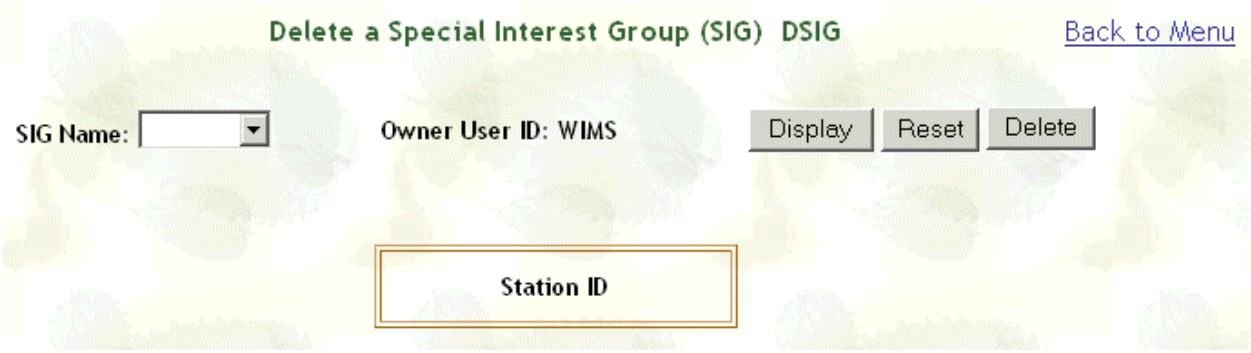
Deleting SIGs that are no longer needed or used should be part of your periodic housecleaning. Storing only those SIGs that you frequently use will keep your WIMS storage costs down.

To ensure you do not inadvertently delete anything you do not want to, there is no FastPath command to delete a SIG.

To access the Delete a Special Interest Group form

In the Option/ FastPath field type 3 and click Go.

Delete a Special Interest Group form



To delete an existing SIG

From the Delete SIG menu:

1 In the SIG Name: field, type the Special Interest Group name and click Display to list the Station Ids that are part of the SIG.

If you want to delete specific station numbers from the SIG without deleting the entire SIG, see " Editing a SIG" earlier in this chapter.

2 Verify the Special Interest Group name you are deleting by reviewing the information carefully.

3 To delete the SIG, click Delete. A message will be returned to the browser indicating the successful completion of the operation.

Listing SIGs

The List of Special Interest Groups form allows you to quickly locate SIGs that you or another WIMS user owns.

To access the List of Special Interest Groups form

In the Option/ FastPath: field, type LSIG and click Go.

LSIG form

To list existing SIGs and their stations

From the List of Special Interest Groups form:

1 Choose the owner ID of the SIGs you would like to display and click Display.

The List of Special Interest Groups redisplays, listing all SIGs to the SIG owner.

2 To list stations for that SIG, click the name of the SIG.

The Display/ Edit a Special Interest Group form displays, listing the current station numbers for the SIG you selected.

From here, it may look like you can edit the SIG that appears on the Display/ Edit a Special Interest Group form. You cannot. WIMS does not save any changes you make to the SIG from the FastPath LSIG. To make changes to an existing SIG, see " Editing a SIG" earlier in this chapter.

3 To return to the List of Special Interest Groups form, click the back button on your browser.

Assigning NFDRS weighted averages to stations in your SIG

The Display/ Edit NFDRS Weight Assignments form allows you to assign weightings to individual station numbers within a SIG to calculate weighted average values for certain NFDRS indices. These NFDRS weights indicate the percentage or degree of influence of the station relative to other stations within the SIG.

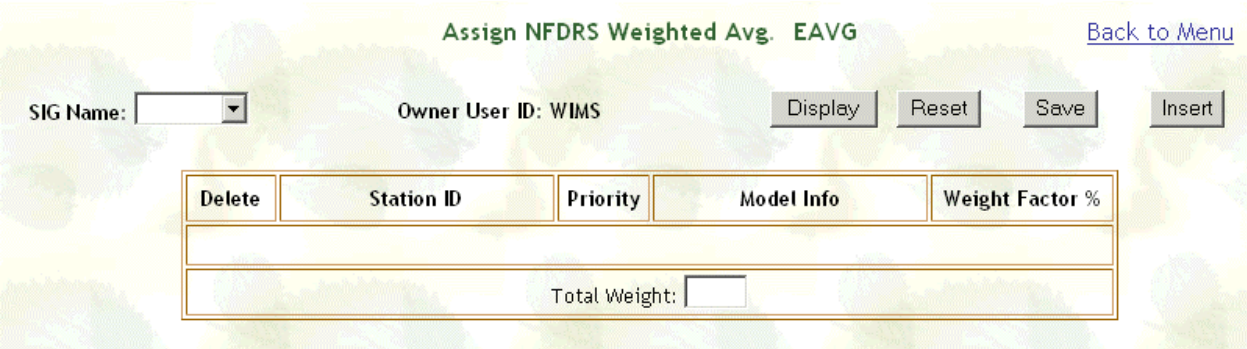
NFDRS weights are based on local experience, and include other factors such as:

- The total area that each station represents
- Resource values
- Historic fire occurrences
- Public use patterns
- Degree of importance to local managers.

To access the Display/ Edit NFDRS Weight Assignments form

In the Option/ FastPath: field, type EAVG and click Go.

EAVG form



EAVG field definitions

Use the field definitions below to complete the EAVG form. Fields in the query block are shaded.

Field	Description and action to be taken
SIG Name: (Special Interest Group name)	Enter the name of the SIG you want to assign weighted averages to.
Station ID (Station number)	Displays the number of each station in the SIG.
Priority (Priority rating)	Enter the priority number of the fuel model you want to use in the weighted average calculations. *WIMS assumes you want to use the primary fuel model for each station number within the SIG. Currently, WIMS only recognizes priority " 1" fuel models.*
Model Info (Fuel model ID)	Displays the fuel model, slope class, grass type, and climate class for the selected fuel model.
Weight Factor % (Weight factor percentage)	Enter the weight factor percentage that represents the influence this fuel model has in the calculation. *For example, enter " 25" to specify a weight factor of 25%.* *Weight factor percentage should include such factors as total percentage area represented by the station, resource values, historic fire occurrence, and public-use patterns.*
Total weight (Total weight factor percentage)	Displays the total weight factor percentage. *To save your NFDRS weight assignments, the total of all assigned weight factor percentages must*

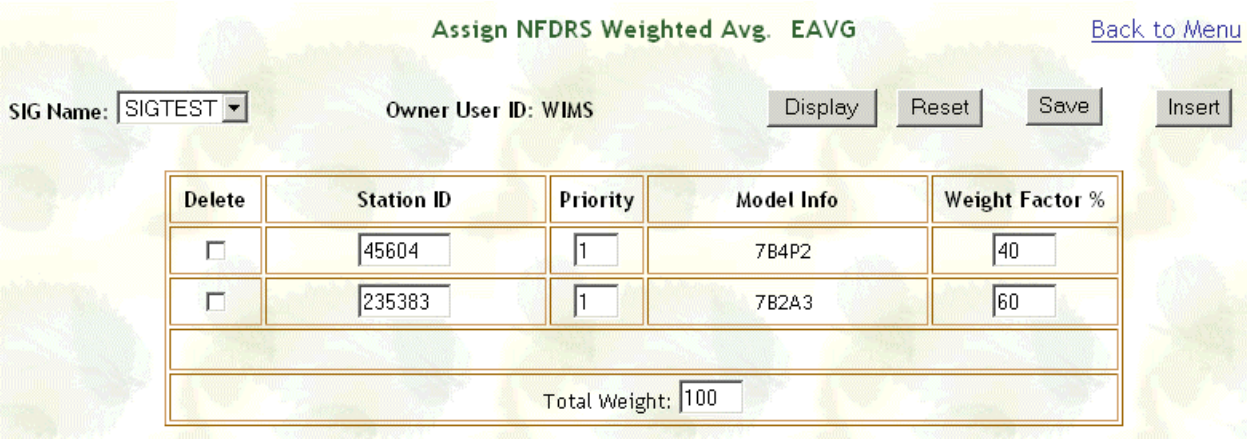
Field	Description and action to be taken
	equal 100 percent.

To assign weightings to your existing SIG

From the Display/ Edit NFDRS Weight Assignments form:

1 From the SIG Name dropdown menu, type the Special Interest Group name and click Display.

The Display/ Edit NFDRS Weight Assignments form redisplays. For example, the screen below shows the station numbers, priorities, weight factors, and model information for SIG "SIGTEST."



2 Edit the appropriate fields in the form, as instructed on the previous pages, click Save when you are finished editing.

3 If weight factors do not total 100 percent an error message will be returned to the browser.

When you copy SIGs, any weight assignments are copied with the station.

The total weight field calculates an interim total weight percentage.

To reassign a weight factor percentage to a station

From the Display/ Edit NFDRS Weight Assignments form:

1 From the SIG Name dropdown menu, select the appropriate the Special Interest Group name and click Display.

The Display/ Edit NFDRS Weight Assignments form redisplays, listing every station number, station fuel model priority, fuel model information, and station weight factor percentage for the SIG you selected.

2 Edit the Weight Factor % field for the station number you want to reassign.

3 To save the new NFDRS weighted averages for the stations, click Save.

Access Control Lists (ACLs)

Usually, more than one person needs access to edit or enter weather station data. WIMS controls user access to a station and privileges by the ACL. An ACL tells WIMS which WIMS logon IDs have the authority to:

- Edit station information
- Enter observations
- Edit observations.

You must have the WIMS Data Manager access level to perform any Access Control List functions. If you do not have this access level, WIMS will not accept FastPath commands to these functions. You cannot edit or delete another owner's ACL. Station owners automatically have all the above authorities, and therefore do not need to be specified in the ACL. Once created, ACLs can be referenced in the station catalog.

Recommendation: Give full access to Regional, area, state, or agency NFDRS tech specialists. One ACL can apply to more than one station.

Accessing the Maintain Access List menu

You must have the WIMS Data Manager access level to perform any Access Control List functions. If you do not have this access level WIMS will not accept FastPath commands to these functions. You cannot edit or delete another owner's ACL.

The Maintain Access List menu allows you to:

- Create a new ACL
- Edit your existing ACL
- Delete your existing ACL
- List ACLs.

To access the Maintain Access Control Lists menu

In the Option/ FastPath: field, type MACL and click Go.

Remember, you can skip this menu by typing the FastPath command:

- NACL, to display the Create an Access Control List
- EACL, to display the Edit an Access Control List.

To obtain access to Maintain Access Control List functions contact your local WIMS system administrator, or the FAMWEB Helpdesk.

Creating a new ACL

ACLs allow you to identify and control station access for specific WIMS logon IDs.

You must have the WIMS Data Manager access level to create an ACL. If you do not have this access level, WIMS will not accept FastPath commands to this function.

To access the Create an Access Control List form

In the Option/ FastPath: field, type NACL and click Go.

NACL form

Access Control List field definitions

Use the field definitions listed below to complete ACL forms in this chapter. Fields in the query block are shaded.

Field	Description and action to be taken
Access List Name (Access Control List name)	Enter the name of the ACL, up to 12 characters, including digits and special characters.
Owner User ID (WIMS logon ID)	Displays your WIMS logon ID.
User ID (WIMS logon ID)	Enter the WIMS logon ID of each person included in the ACL.
Station Edit (Edit station's information access)	Checking this category allows the user to: Allows the user to edit station information, change Station ownership and/ or the ACL *Use discretion when allowing others to edit station information.*
Observations Enter (Enter station's observations access)	Checking this category allows the user to enter observations
Observations Edit (Edit station's observations access)	Checking this category allows the user to edit and/ or delete observations

To create a new ACL

From the Create an Access Control List form:

1. In the Access List Name field, type the Access Control List name and click Setup.
2. In the User ID dropdown menus that display, select the WIMS logon IDs of the people you want to add to the ACL.
3. Complete the remaining user access designation fields as instructed on the previous pages by checking the privileges required.

4 To save the changes you made to the ACL, click Setup. If the operation completes successfully you will be returned to the NACL form.

You can now reference this ACL in the station catalog.

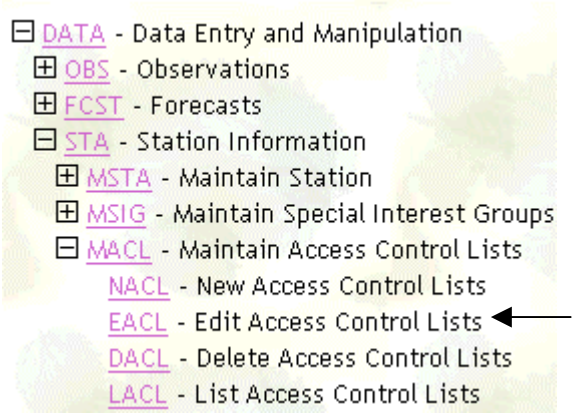
If a station's ownership changes, the new owner must create a new ACL for that station.

Editing an ACL

You can add, delete, and change access designations for existing WIMS logon IDs for any ACL that you have previously created.

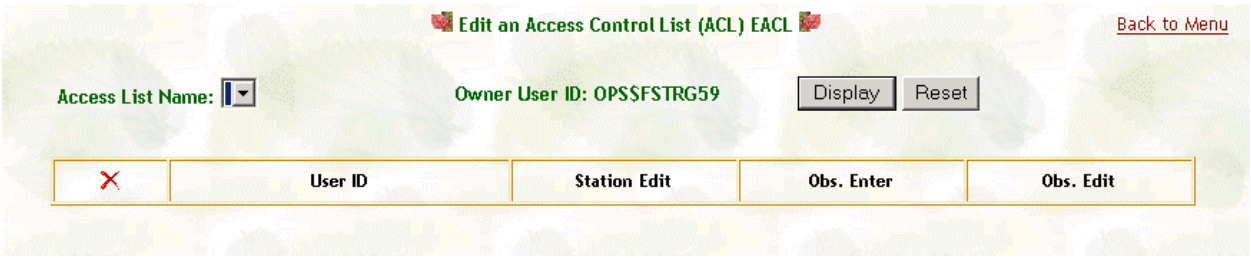
You must have the WIMS Data Manager access level to edit an ACL. If you do not have this access level, WIMS will not accept FastPath commands to this function. You can only edit ACLs that you own.

To access the Edit an Access Control List form



In the Option/ FastPath: field, type EACL and click Go.

EACL form



To edit an ACL

From the Edit an Access Control List form:

1 From the Access List Name dropdown menu, select the Access Control List name and click display.

The Edit an Access Control List form redisplays, listing all WIMS logon IDs for that ACL.

2 Add and/ or delete WIMS logon IDs and change access designations for WIMS logon IDs in the ACL.

3 To save the changes you made to the ACL, click Save.

Deleting an ACL

Deleting ACLs that you no longer need or use should be part of your periodic housecleaning. Storing only those ACLs that are needed for station access authorization will keep your WIMS storage costs down.

You must have the WIMS Data Manager access level to delete an ACL. To ensure you do not inadvertently delete anything you do not want to, there is no FastPath command to delete an existing ACL.

To access Delete Access Control Lists

Delete an ACL form

To delete an ACL

From the Delete an Access Control List form:

1 In the Access List Name dropdown, Select the Access Control List name and click Display.

2 To be sure that you are deleting the correct ACL, review the ACL carefully.

3 To delete the ACL, click Delete.

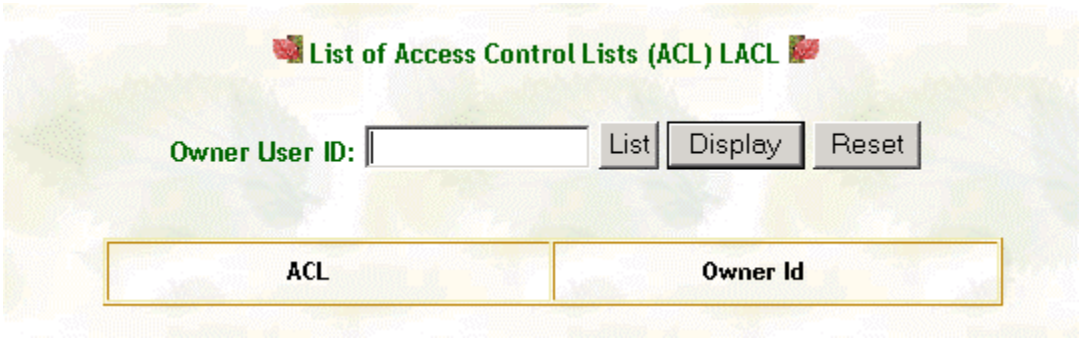
Listing ACLs

The List of Access Control Lists form allows you to quickly identify ACLs that you or another WIMS user owns.

To access the List Access Control Lists form

In the Option/ FastPath: field, type LACL and click Go.

LACL form



To list the ACLs of an owner

From the List of Access Control Lists form:

1 Select the Owner User ID to display ACLs for and click Display.

The List of Access Control Lists form redisplays, listing all ACLs defined by the owner of the list.

From here, it may look like you can edit the ACL that appears on the Edit an Access Control List form. You cannot. WIMS does not save any changes you make to the ACL from the FastPath LACL. To make changes to an ACL that you own, see " Editing an ACL" earlier in this chapter.