

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

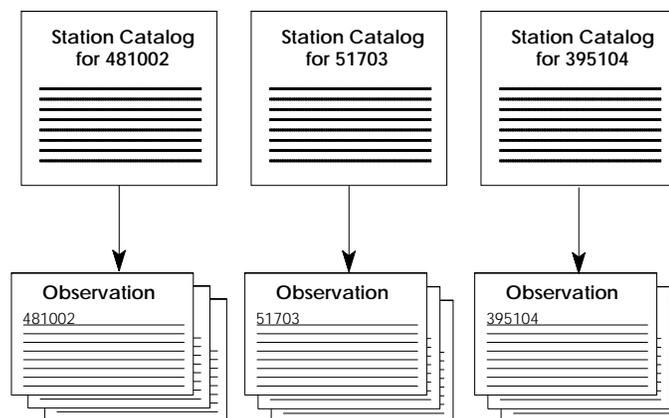


The menu options and functions you will be able to access depends on your access level, and tasks described in this chapter are not available to everyone. For more information about access levels, see Appendix A, “Menus, FASTPATHs, and access levels.”

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.

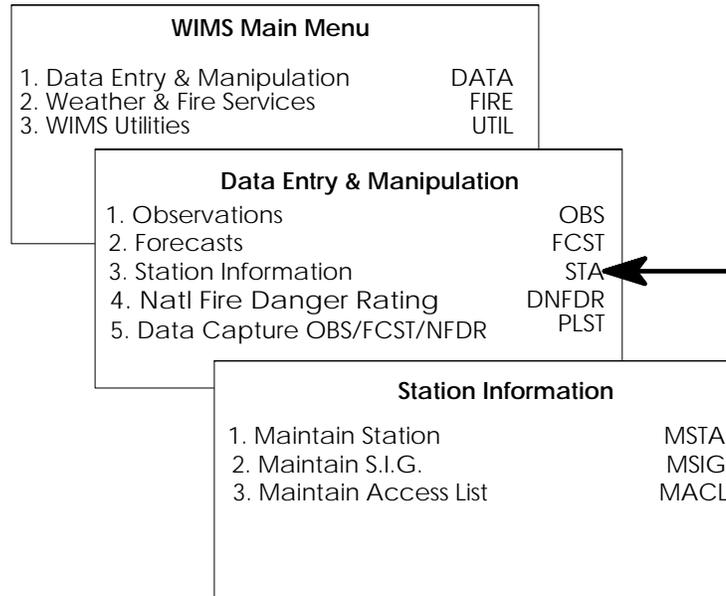


When you enter an observation, you only need to enter the station number or SIG. Since WIMS accesses the station catalog for station information, you do not need to reenter it for each observation. This saves you time and effort by not having to repeatedly enter station information for every observation.



To delete a station, please contact Fire & Aviation Applications Helpdesk at 1-800-253-5999 or send a short message to FIRE?:W02A.

Accessing the Station Information menu



The Station Information menu allows you to:

- ◆ maintain station information
- ◆ maintain a SIG
- ◆ maintain an ACL.

To access the Station Information menu

- ◆ In the *Option/Fastpath:* field, type **STA** and press <NEW LINE>.

```

Weather Information Management System
1.0 Data Entry & Manipulation DATA
                                                    WIMS
                                                    09-May-97
                                                    03.23.97

1. Observations                OBS
2. Forecasts                    FCST
3. Station Information          STA
4. Nat'l Fire Danger Rating    DNFDR
5. Data Capture OBS/FCST/NFDR PLST
6. Screen HELP                 HDATA
7. Return to Previous Menu     WIMS

Option/FastPath: █

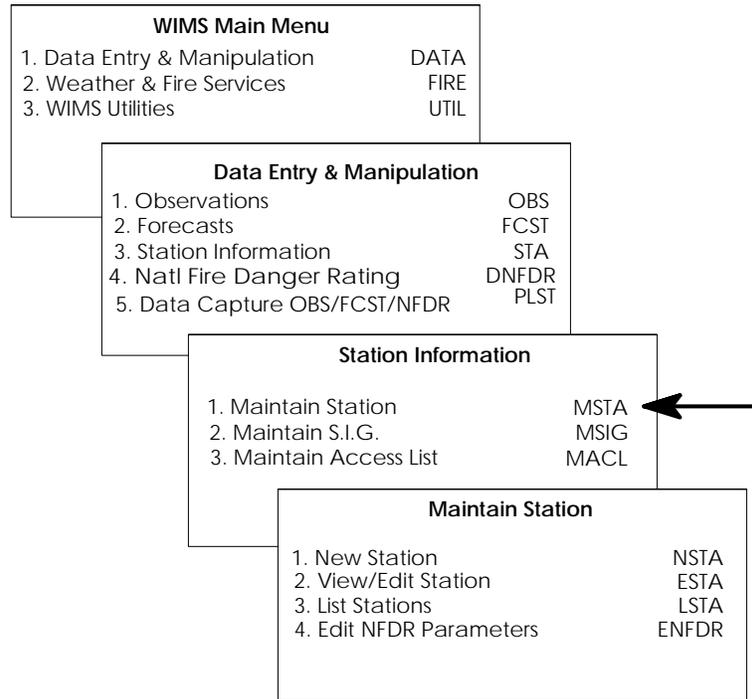
F2-FastPath Help      F3-Exit      F4-Top Menu      F11-Previous Menu
-----
DATA                  Page MENU      Count:

```

Remember, you can skip this menu 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 press <NEW LINE>.

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Weather Information Management System
  1.3 Station Information STA
                                                    WIMS
                                                    09-May-97
                                                    03.23.97

1. Maintain Station           MSTA
2. Maintain S.I.G.           MSIG
3. Maintain Access List      MACL
4. Screen HELP               HSTA
5. Return to Previous Menu    DATA

Option/FastPath: █

F2-FastPath Help    F3-Exit    F4-Top Menu    F11-Previous Menu
-----
STA                Page MENU    Count:

```

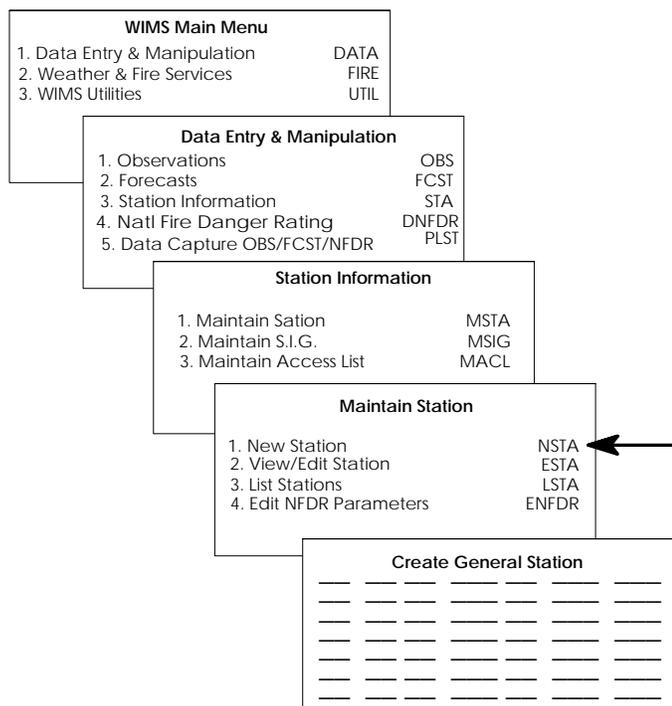
Remember, you can skip this menu by typing the *FASTPATH* command:

- ◆ **NSTA**, to display the Create General Station Information form
- ◆ **ESTA**, to display the Display/Edit General Station Information form
- ◆ **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



Station information includes:

- ◆ station ID
- ◆ site description
- ◆ latitude and longitude of the station location
- ◆ unit conversion codes
- ◆ other station information
- ◆ FIPS information, including county and state codes
- ◆ station type and name
- ◆ Access Control List
- ◆ 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 and press <NEW LINE>.

NSTA form

```

----- Create General Station Information -----
Station ID      █      FIPS:  ___ / ___
Associated Manual Station      ___
Nesdis ID      ___      Lightning Scaling Factor      ___
Create Date    05-MAY-97      Average Annual Precipitation      ___
Station Type    ___
Station Name    ___      Latitude  ___ Deg __ Min __ Sec ( ___ )
                          Longitude ___ Deg __ Min __ Sec ( ___ )
Region Number   ___      Aspect      ___
Elevation       ___ ft. Site      ___
Local Time Zone ___      Previous Station      ___
Mnemonic        ___
Unit Name       ___      Owner      ___
Observing Agency ___      Access Control List      ___
Regular Scheduled
Observation Time ___      ----- UNIT CONVERSION CODES -----
                          Humidity Code:  ___      Temperature Code:  ___
Forecast Zone   ___      Rainfall Code:  ___      Wind Speed Code:  ___

User Comment:  _____

-----
F1-Save      F2-Help      F5-Show Keys      F11-Exit
Enter a Station ID between 010101 and 509999. _____
Count: *0

```

Station Information field definitions

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

Field	Description and action to be taken
Station ID (station number)	<p>Enter the number of the station you want to create:</p> <ul style="list-style-type: none"> ◆ The first two digits represent the state. ◆ The next two digits represent the county. ◆ The last two digits represent the weather station. <p><i>This numbering scheme is not enforced after fiscal year 1995. Contact your local NWS office for the Station ID you should assign to the new station.</i></p>
FIPS (FIPS code)	<p>Using ANSI standards, this field automatically displays the county code, county name, state code and state name, based on the station ID.</p> <p><i>If this numbering scheme is not enforced, you must enter the county and state codes.</i></p>

Associated Manual Station (associated station number - optional)	Enter the station ID of any associated manual station. <i>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.</i>																				
Nesdis ID (RAWS station number)	Enter the number that identifies the Remote Automatic Weather Station, as issued by NWS. <i>This field is valid for RAWS satellite telemetered stations only.</i>																				
Lightning Scaling Factor (lightning factor)	Enter a number between 1.0 and 5.0 to identify the lightning scaling factor. <i>The default value for this field is 1.0. For more information, see Appendix E, "NFDRS technical reference."</i>																				
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.																				
Average Annual Precipitation	Enter the amount in inches, of the average annual precipitation, based on past records or NWS information. <i>You must specify the Average Annual Precipitation in the station catalog to obtain an accurate Keetch-Byram Drought Index (KDBI) value.</i>																				
Station Type	Enter the type of station: <table border="1"> <thead> <tr> <th><u>Type</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Manual (non-NFDRS)</td> </tr> <tr> <td>2</td> <td>Manual (NFDRS)</td> </tr> <tr> <td>3</td> <td>RAWS (satellite, non-NFDRS)</td> </tr> <tr> <td>4</td> <td>RAWS (satellite, NFDRS)</td> </tr> <tr> <td>5</td> <td>RAWS (non-satellite, non-NFDRS)</td> </tr> <tr> <td>6</td> <td>RAWS (non-satellite, NFDRS)</td> </tr> <tr> <td>7</td> <td>Historic Non-Active</td> </tr> <tr> <td>8</td> <td>Dummy</td> </tr> <tr> <td>9</td> <td>Unknown.</td> </tr> </tbody> </table>	<u>Type</u>	<u>Description</u>	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.
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Latitude (latitude location)	Enter the latitude location of the station, in degrees, minutes, and seconds.																				
Station Name	Enter the name of the station, up to 20 characters.																				
Longitude (longitude location)	Enter the longitude location of the station, in degrees, minutes, and seconds.																				
Region Number (station region number)	Enter the USDA Forest Service Region number (1-10) 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: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Flat/None</td> </tr> <tr> <td>1</td> <td>Northeast</td> </tr> <tr> <td>2</td> <td>East</td> </tr> <tr> <td>3</td> <td>Southeast</td> </tr> <tr> <td>4</td> <td>South 180°</td> </tr> <tr> <td>5</td> <td>Southwest</td> </tr> <tr> <td>6</td> <td>West</td> </tr> <tr> <td>7</td> <td>Northwest</td> </tr> <tr> <td>8</td> <td>North.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	0	Flat/None	1	Northeast	2	East	3	Southeast	4	South 180°	5	Southwest	6	West	7	Northwest	8	North.		
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7	Northwest																						
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Elevation (station elevation)	Enter the station's elevation, in feet above sea level.																						
Site (station site location)	Enter the site code that best describes the station location: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Valley bottom or flat</td> </tr> <tr> <td>2</td> <td>Midslope</td> </tr> <tr> <td>3</td> <td>Ridge or peak top.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	1	Valley bottom or flat	2	Midslope	3	Ridge or peak top.														
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Local Time Zone (standard time zone code)	Enter the local standard time zone code: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>AST</td> <td>Atlantic Standard Time</td> </tr> <tr> <td>BST</td> <td>Bering Standard Time</td> </tr> <tr> <td>CST</td> <td>Central Standard Time</td> </tr> <tr> <td>EST</td> <td>Eastern Standard Time</td> </tr> <tr> <td>GMT</td> <td>Greenwich Mean Time</td> </tr> <tr> <td>HST</td> <td>Hawaiian Standard Time</td> </tr> <tr> <td>MST</td> <td>Mountain Standard Time</td> </tr> <tr> <td>NST</td> <td>Newfoundland Standard Time</td> </tr> <tr> <td>PST</td> <td>Pacific Standard Time</td> </tr> <tr> <td>YST</td> <td>Yukon Standard Time.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	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.
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Previous Station (previous station number)	Enter the number of the previous station, if applicable. <i>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.</i>																						
Mnemonic	Enter the assigned station mnemonic, up to 6 characters, to name the site.																						
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)	Enter the code that corresponds to the agency responsible for the station: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr><td>1</td><td>USDA Forest Service</td></tr> <tr><td>2</td><td>USDI Bureau of Land Mgmt</td></tr> <tr><td>3</td><td>USDI National Park Service</td></tr> <tr><td>4</td><td>USDI Bureau of Indian Affairs</td></tr> <tr><td>5</td><td>State</td></tr> <tr><td>6</td><td>City, County, Special Dist</td></tr> <tr><td>7</td><td>Private or Commercial</td></tr> <tr><td>8</td><td>Other Federal</td></tr> <tr><td>9</td><td>Unknown.</td></tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	1	USDA Forest Service	2	USDI Bureau of Land Mgmt	3	USDI National Park Service	4	USDI Bureau of Indian Affairs	5	State	6	City, County, Special Dist	7	Private or Commercial	8	Other Federal	9	Unknown.
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Access Control List (related ACL)	Enter the name of the Access Control List for the station, if any.																				
Regular Scheduled Observation Time	Using the 24-hour clock, enter the local time to the nearest hour when observations are recorded: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Time</u></th> </tr> </thead> <tbody> <tr><td>11</td><td>11:00 am</td></tr> <tr><td>12</td><td>noon</td></tr> <tr><td>13</td><td>1:00 pm</td></tr> <tr><td>14</td><td>2:00 pm</td></tr> <tr><td>15</td><td>3:00 pm.</td></tr> </tbody> </table> <p><i>WIMS truncates the time to the hour. The Standard Observation Time is "13" (1:00 pm).</i></p>	<u>Code</u>	<u>Time</u>	11	11:00 am	12	noon	13	1:00 pm	14	2:00 pm	15	3:00 pm.								
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Humidity Code: (type of humidity measurement)	Enter the humidity code that WIMS is to expect for observations: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr><td>1</td><td>Wet-Bulb Temperature (deg. F)</td></tr> <tr><td>2</td><td>Relative Humidity (percent)</td></tr> <tr><td>3</td><td>Dewpoint Temperature (deg. F)</td></tr> <tr><td>4</td><td>Wet-Bulb Temperature (deg. C)</td></tr> <tr><td>5</td><td>RESERVED --DO NOT USE</td></tr> <tr><td>6</td><td>Dewpoint Temperature (deg. C).</td></tr> </tbody> </table> <p><i>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".</i></p>	<u>Code</u>	<u>Description</u>	1	Wet-Bulb Temperature (deg. F)	2	Relative Humidity (percent)	3	Dewpoint Temperature (deg. F)	4	Wet-Bulb Temperature (deg. C)	5	RESERVED --DO NOT USE	6	Dewpoint Temperature (deg. C).						
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Temperature Code: (type of temperature measurement)	Enter the temperature code to identify the measurement system: <table border="0"> <tbody> <tr><td>1</td><td>English (IN / MPH / Degrees F)</td></tr> <tr><td>2</td><td>Metric (MM / KPH / Degrees C).</td></tr> </tbody> </table>	1	English (IN / MPH / Degrees F)	2	Metric (MM / KPH / Degrees C).																
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Forecast Zone (NWS forecast zone - optional)	Enter the NWS fire weather forecast zone number. <i>WIMS validates this field. For example, "415" identifies the NWS forecast zone for the Grand Teton station. To identify a forecast for an individual weather station, leave this field blank. To obtain forecast indices and components, this field is required.</i> <i>To review the List of Forecast Zones, press <F10>.</i>
Rainfall Code: (type of rainfall measurement)	Enter the rainfall code to identify the measurement system: 1 English (IN / MPH / Degrees F) 2 Metric (MM / KPH / Degrees C).
Wind Speed Code: (type of wind speed measurement)	Enter the wind speed code to identify the measurement system: 1 English (IN / MPH / Degrees F) 2 Metric (MM / KPH / Degrees C).
User Comment	Enter any additional station information and/or comments.

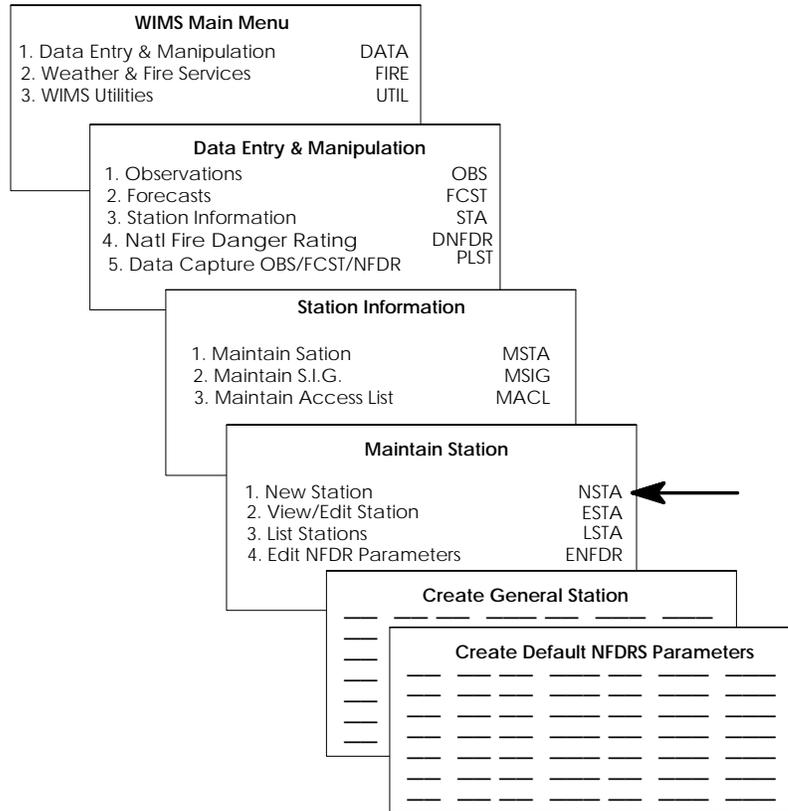
To create a new station

From the Create General Station Information form:

1. In the *Station ID* field, type the **NWS-issued station number** you want to create and press <TAB>.
2. Complete the remaining fields in the form, as instructed on the previous pages. Press <NEW LINE> after each entry.
3. To save the new station, press <F1>.

WIMS displays the Create Default NFDRS Parameters form. To complete this form, see the next section "Creating default NFDRS parameters."

Creating default NFDRS parameters



After you complete the Create General Station Information form, WIMS displays the Create Default NFDRS Parameters form for NFDRS station types “2”, “4”, and “6”.



Create Default NFDRS Parameters is only accessible through the Create General Station Information form for initial catalog entries. To make changes to initial catalog entries, use the FASTPATH “ENFDR.”

<p>ID (fuel model ID)</p>	<p>Enter the prefix and fuel model code to identify the fuel model and version of NFDRS you are using for this station:</p> <table border="0"> <tr> <td><u>Prefix</u></td> <td><u>Version</u></td> </tr> <tr> <td>7</td> <td>1978 NFDRS fuel model</td> </tr> <tr> <td>8</td> <td>1988 NFDRS fuel model.</td> </tr> <tr> <td><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>A</td> <td>Annual Grasses</td> </tr> <tr> <td>B</td> <td>Mature brush</td> </tr> <tr> <td>C</td> <td>Open pine with grass</td> </tr> <tr> <td>D</td> <td>Southern rough</td> </tr> <tr> <td>E</td> <td>Hardwood litter (fall)</td> </tr> <tr> <td>F</td> <td>Intermountain west brush</td> </tr> <tr> <td>G</td> <td>West coast conifers</td> </tr> <tr> <td>H</td> <td>Short needle conifers</td> </tr> <tr> <td>I</td> <td>Heavy slash</td> </tr> <tr> <td>J</td> <td>Medium slash</td> </tr> <tr> <td>K</td> <td>Light slash</td> </tr> <tr> <td>L</td> <td>Perennial grasses</td> </tr> <tr> <td>N</td> <td>Saw/marsh grasses</td> </tr> <tr> <td>O</td> <td>High pocosin</td> </tr> <tr> <td>P</td> <td>Southern long-needle pine</td> </tr> <tr> <td>Q</td> <td>Alaska black spruce</td> </tr> <tr> <td>R</td> <td>Hardwood litter (summer)</td> </tr> <tr> <td>S</td> <td>Tundra</td> </tr> <tr> <td>T</td> <td>Sagebrush with grass</td> </tr> <tr> <td>U</td> <td>Western long-leaf pine.</td> </tr> </table> <p><i>For example, "7A" identifies the 1978 NFDRS Annual Grasses fuel model ID; "8N" identifies the 1988 NFDRS Saw/marsh grasses fuel model ID.</i></p>	<u>Prefix</u>	<u>Version</u>	7	1978 NFDRS fuel model	8	1988 NFDRS fuel model.	<u>Code</u>	<u>Description</u>	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.
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<p>H S (herbaceous vegetation stage code, for 1978 fuel models only)</p>	<p>Enter the herbaceous vegetation stage code to describe the general condition of the herbaceous vegetation in the area:</p> <table border="0"> <tr> <td><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>C</td> <td>Cured</td> </tr> <tr> <td>F</td> <td>Frozen</td> </tr> <tr> <td>G</td> <td>Green</td> </tr> <tr> <td>P</td> <td>Pre-Green</td> </tr> <tr> <td>T</td> <td>Transition.</td> </tr> </table> <p><i>For the initial station catalog entry, you must specify either a "G," "F," or "P."</i></p> <p><i>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."</i></p>	<u>Code</u>	<u>Description</u>	C	Cured	F	Frozen	G	Green	P	Pre-Green	T	Transition.																																				
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<p>Herb Date (herbaceous vegetation stage code date, for 1978 fuel models only)</p>	<p>Enter the date associated with the current herbaceous vegetation stage code, in the format DD-MMM-YY.</p>																																																

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: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Deciduous</td> </tr> <tr> <td>E</td> <td>Evergreen.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	D	Deciduous	E	Evergreen.						
<u>Code</u>	<u>Description</u>												
D	Deciduous												
E	Evergreen.												
Slp (average slope)	Enter the code that represents the average percent slope of the area: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0-25 percent</td> </tr> <tr> <td>2</td> <td>26-40 percent</td> </tr> <tr> <td>3</td> <td>41-55 percent</td> </tr> <tr> <td>4</td> <td>56-75 percent</td> </tr> <tr> <td>5</td> <td>over 75 percent.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	1	0-25 percent	2	26-40 percent	3	41-55 percent	4	56-75 percent	5	over 75 percent.
<u>Code</u>	<u>Description</u>												
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: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Annual</td> </tr> <tr> <td>P</td> <td>Perennial.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	A	Annual	P	Perennial.						
<u>Code</u>	<u>Description</u>												
A	Annual												
P	Perennial.												
Cli (climate)	Enter the code that best represents the climate in the area: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Arid-Desert & Steppe</td> </tr> <tr> <td>2</td> <td>Subhumid-Dry season</td> </tr> <tr> <td>3</td> <td>Subhumid-Adeq Rain</td> </tr> <tr> <td>4</td> <td>Wet-Rain Forest.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	1	Arid-Desert & Steppe	2	Subhumid-Dry season	3	Subhumid-Adeq Rain	4	Wet-Rain Forest.		
<u>Code</u>	<u>Description</u>												
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. <i>WIMS automatically enters a default value based on the selected climate class.</i> <i>For the 1978 NFDRS fuel model, the maximum herbaceous fuel moisture content is 250 percent.</i>												
Woody FM (woody fuel moisture)	Represents the calculated woody fuel moisture content. <i>WIMS automatically enters a default value based on the selected climate class.</i> <i>For the 1978 NFDRS fuel model, the maximum woody fuel moisture content is 200 percent.</i>												
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. <i>WIMS automatically enters the default value based on the default 1000-hour value.</i>												

SI (staffing index)	<p>For each fuel model, enter the index code that identifies the NFDRS component that forms the basis for staffing:</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>BI</td> <td>Burning Index</td> </tr> <tr> <td>EC</td> <td>Energy Release Comp</td> </tr> <tr> <td>FL</td> <td>Fire Load Index</td> </tr> <tr> <td>IC</td> <td>Ignition Component</td> </tr> <tr> <td>KB</td> <td>Keetch_Byram Drought Index</td> </tr> <tr> <td>LO</td> <td>Lightning Caused Occurrence Index</td> </tr> <tr> <td>LR</td> <td>Lightning Risk</td> </tr> <tr> <td>HO</td> <td>Human-caused Occurrence Index</td> </tr> <tr> <td>SC</td> <td>Spread Component.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	BI	Burning Index	EC	Energy Release Comp	FL	Fire Load Index	IC	Ignition Component	KB	Keetch_Byram Drought Index	LO	Lightning Caused Occurrence Index	LR	Lightning Risk	HO	Human-caused Occurrence Index	SC	Spread Component.
<u>Code</u>	<u>Description</u>																				
BI	Burning Index																				
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LO	Lightning Caused Occurrence Index																				
LR	Lightning Risk																				
HO	Human-caused Occurrence Index																				
SC	Spread Component.																				
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)	<p>Enter the low staffing index percentile for the staffing index, to help guide staffing levels.</p> <p><i>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.”</i></p>																				
Low Val (low value staffing index)	Enter the value of the staffing index at the “low” fire danger class.																				
High SI% (high staffing index percentile)	<p>Enter the high staffing index percentile for the staffing index, to help guide staffing levels.</p> <p><i>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.”</i></p>																				
High Val (high value staffing index)	<p>Enter the value of the staffing index at the “high” fire danger class.</p> <p><i>This value is never lower than the low value staffing index.</i></p>																				
100-hr: (100-hour timelag fuel moisture model)	<p>The calculated moisture content, in percent, of dead fuels in the 1 to 3-inch diameter class, for the primary fuel model (priority 1).</p> <p><i>WIMS automatically enters a default value based on the selected climate class.</i></p>																				
1000-hr: (1000-hour timelag fuel moisture model)	<p>The calculated moisture content, in percent, of dead fuels in the 3 to 8-inch diameter class, for the primary fuel model (priority 1).</p> <p><i>WIMS automatically enters a default value based on the selected climate class.</i></p>																				
Measured Woody FM: (woody fuel moisture)	Enter the locally-measured woody fuel moisture for the station.																				
Woody Measured Date: (woody fuel moisture date)	Enter the date the woody fuel moisture was measured, in the format DD-MMM-YY.																				

Fuel Stick Date: (fuel stick installation date)	Enter the date the fuel sticks were installed or changed, in the format DD-MMM-YY. <i>Fuel Stick Date is used for historical purposes only. The fuel stick aging routine has been disabled.</i>												
Stick Age: (stick age in days)	Displays the number of days since the fuel stick was changed. <i>If possible, change fuel sticks every 30 days.</i>												
1 hr = 10 hr: (ten-hour fuel moisture used as one-hour fuel moisture, for 1988 fuel models only)	Enter either "Y" or "N" to indicate if the computed or weighed ten-hour fuel is used as the one-hour fuel.												
Season Code: (station season code, for 1988 fuel models only)	Enter the season code for the station: <table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Description</u></th> <th><u>Code</u></th> <th><u>Description</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Winter</td> <td>3</td> <td>Summer</td> </tr> <tr> <td>2</td> <td>Spring</td> <td>4</td> <td>Fall.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>	1	Winter	3	Summer	2	Spring	4	Fall.
<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>										
1	Winter	3	Summer										
2	Spring	4	Fall.										
KBDI: (Keetch-Byram drought index)	Enter the current Keetch-Byram drought index startup value for the area, from "0" (saturated) to "800" (maximum drought). <i>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.</i>												
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). <i>These change through the season.</i>												
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).												

To create default NFDRS parameters for a new station

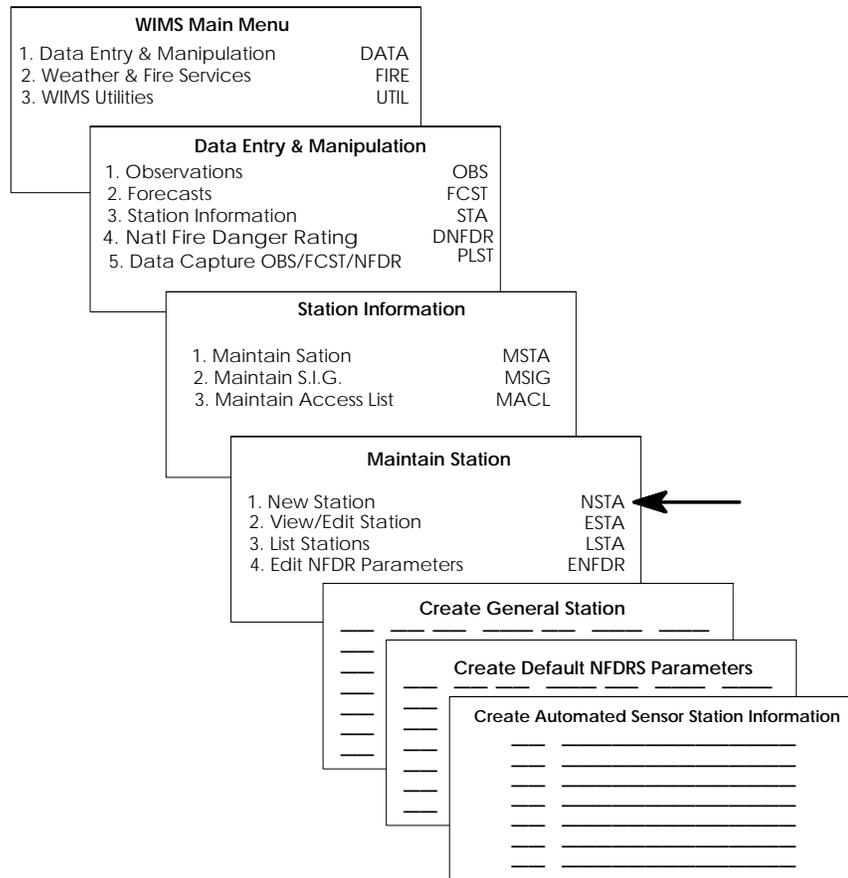
From the Create Default NFDRS Parameters form:

1. Complete the fields in the form as instructed on the previous pages. Press <NEW LINE> after each entry.
2. To save the default NFDRS parameters and return to the Create General Station form, press <F1>.

Info: Station catalog has been created!

displays on the bottom of the Create General Station Information form.

Entering RAWS station sensor information



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.



*Use this procedure only **after** you complete the procedures listed in “Creating a new station,” and, if applicable, “Creating default NFDRS parameters,” earlier in this chapter.*

2. Verify the *Sensor Description* field, then press <NEW LINE>.

If the Sensor Description field does not match the sensor you want, check the <List> of values for Shef Codes.

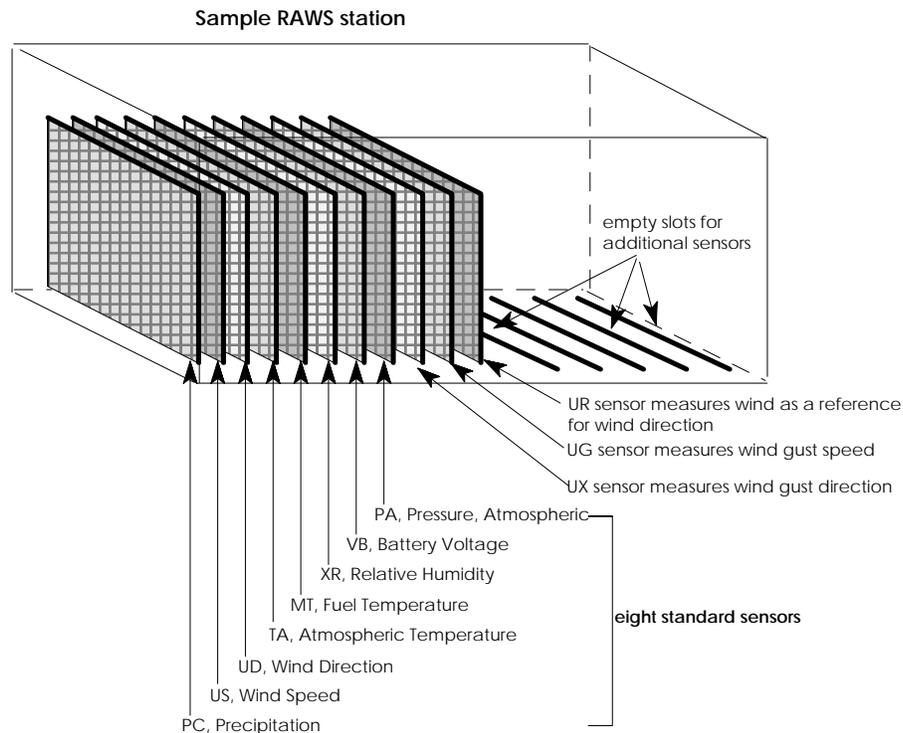
3. Continue entering the **Shef Codes** that identify the sensors installed on the RAWS station.
4. To save the new RAWS station, press <F1>.

Info: Station catalog has been created!

displays on the bottom of the Create General Station Information form.

A RAWS station - an example

The diagram below graphically represents a Sample RAWS station that has special sensors that measure wind gust direction, wind gust speed, and wind as a reference for wind direction.



For this example you have already completed the Create General Station Information form and the Create Default NFDRS Parameters form.



Notice the Shef Codes are in the *same order* as installed in the RAWS station.

```

----- Create Automated Sensor Station Information -----
Enter descriptions of added sensors found on this AUTOMATIC stations.
Please enter the descriptions in order of the sensor id.

Sensor Shef  Sensor
  ID  Code  Description
    UX  Wind Gust Direction_____
    UG  Wind Gust Speed_____
    MF  Fuel Moisture_____
    --  _____
    --  _____
    --  _____
    --  _____
    --  _____
    --  _____
    --  _____
    --  _____

-----
          F1-Save   F2-Help   F5-Show Keys   F11-Exit
Enter the SHEF code for this RAWS sensor._____
Count: *0                                           <List>

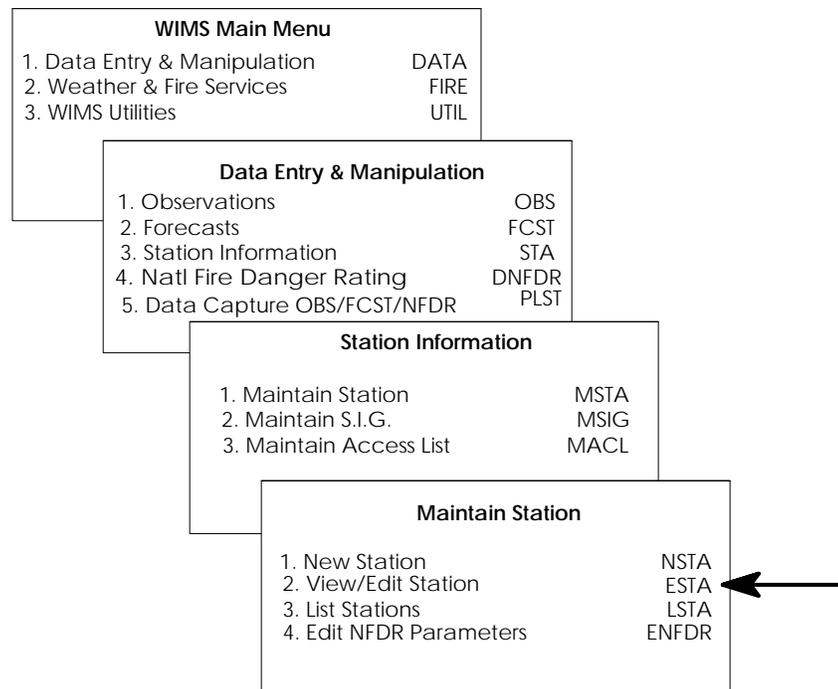
```

4. To save the new RAWS station, press <F1>.

Info: Station catalog has been created!

displays on the bottom of the Create General Station Information form.

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 press <NEW LINE>.

ESTA form

```

----- Display/Edit General Station Information -----
Station ID      █      FIPS:  ___ / ___
Associated Manual Station
Nesdis ID      _____ Lightning Scaling Factor
Last Modified 09-MAY-95 Average Annual Precipitation
Station Type    ___
Station Name    _____ Latitude  ___ Deg  ___ Min  ___ Sec  (  ___ )
                                   Longitude ___ Deg  ___ Min  ___ Sec  (  ___ )
Region Number  ___ Aspect
Elevation      _____ ft. Site
Local Time Zone  ___ Previous Station
Mnemonic       _____
Unit Name      _____ Owner
Observing Agency  ___ Access Control List
Regular Scheduled
Observation Time  ___ Humidity Code:  ___ Temperature Code:  ___
Forecast Zone    ___ Rainfall Code:  ___ Wind Speed Code:  ___
User Comment:  _____
-----
F1-Save      F2-Help      F5-Show Keys      F11-Exit
Enter a Station ID between 010101 and 509999. _____
Count: *0

```

To display or edit station information

From the Display/Edit General Station Information form:

1. In the *Station ID* field, type the **number of the station** you want to display and press <NEW LINE>.

The Display/Edit General Station Information form redisplay, listing all station information for the station number you entered.

2. Using <TAB> and/or arrow keys, move the cursor to the field(s) you want to edit. Add, edit, and delete **station information** from the Display/Edit General Station Information form.
3. To display the Display/Edit Default NFDRS Parameter form, press <F4>.

4. Add, edit, and delete **NFDRS parameters** from the Display/Edit Default NFDRS Parameter form.



If the station you are editing is not a RAWs station, you can skip steps #5 and #6. Continue with step #7.

5. To display the Display/Edit Automated Sensor Station Information form, press <F4>.
6. Add, edit, and delete **sensor station information** from the Display/Edit Automated Sensor Station Information form.
7. To save the changes you made to the station information, press <F1>.

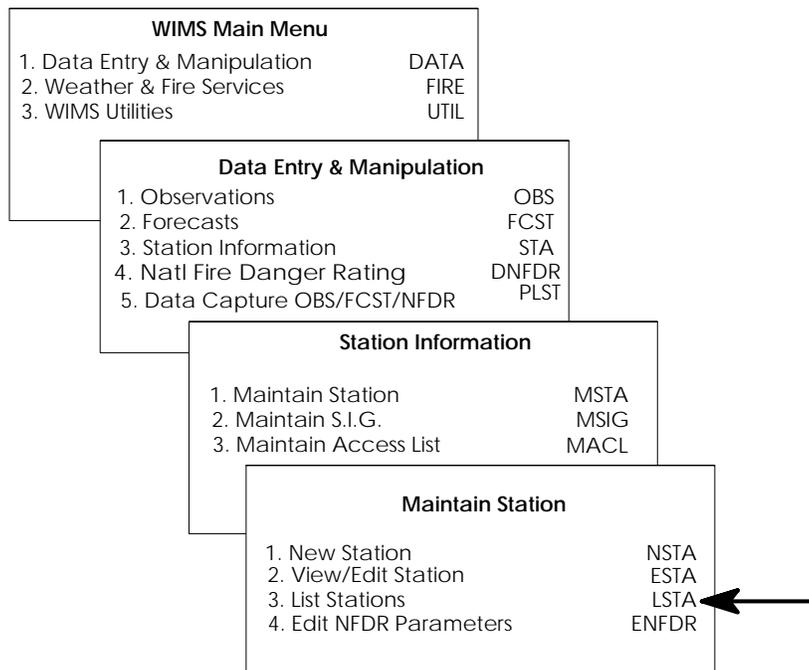
Info: Station catalog has been updated!

displays on the bottom of the Display/Edit General Station Information form.

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

- ◆ 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.



By moving the cursor to the line that contains the station and pressing <CTRL> + <F5> (<F17>), you can display and/or edit station information for any station displayed on the list. For A2B or SimPC, press <SHIFT> + <F5>.

To access the List Stations form

- ◆ In the *Option/Fastpath:* field, type **LSTA** and press <NEW LINE>.

To list stations by owner - an example

From the List Stations form:

1. In the *Owner* field, type the complete **owner's WIMS logon ID** of the station(s) you want to list, then press <NEW LINE>.



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

2. If you have no other search parameters to specify, use <TAB> and/or arrow keys to move the cursor to the *Agency* field, then press <NEW LINE>.



*If you want to specify other search parameters to narrow your search, enter them in the appropriate fields, press <TAB> and/or arrow keys to move the cursor to the *Agency* field, then press <NEW LINE>.*

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

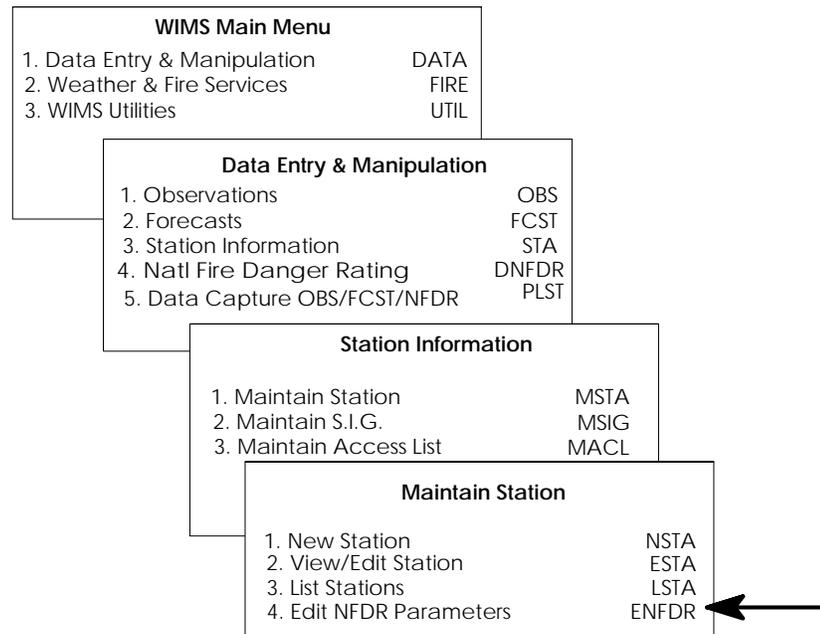
To scroll through the List Stations form, use the following function keys:

Function key	Description
<F3>	scroll backward through the list
<F4>	scroll forward through the list
<CTRL> + <F3> (<F15>)	scroll to the top of the list
<CTRL> + <F4> (<F16>)	scroll to the bottom of the list



For A2B or SimPC, press <SHIFT> + <F3> to scroll to the top of the list and <SHIFT> + <F4> to scroll to the bottom of the list.

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 press **<NEW LINE>**.

ENFDR form

```

----- Display/Edit Default NFDRS Parameters -----
                Station ID:  ████          Effective Date:  09-MAY-97
-----
P   ** 78   NFDRS Only ** 88  S  G  C           Staffing Idx Breakpoints
r   H           Greenup  S  l  r  l  Herb Woody X-           Low           High
i  ID S  Herb Date      Date  b  p  s  i  FM   FM  1000 SI DC SI% Val  SI% Val
-----
-----+
78 & 88 | 100-hr:  ___   Measured Woody FM:  ___   Fuel Stick Date:  _____
NFDRS | 1000-hr:  ___   Woody Measured Date:  _____   Stick Age:  _____ Dys
-----+
88      | 1 hr = 10 hr:  ___           KBDI:  ___   Greeness Factors:  Herb:  ___
NFDRS | Season Code:  ___           Shrub:  ___
-----+
-----
                F1-Save      F2-Help      F5-Show Keys      F11-Exit

Enter a Station ID between 010101 and 509999. _____
Count: *0

```

To display or edit default NFDRS parameters for a station

From the Display/Edit Default NFDRS Parameters form:

1. In the *Station ID:* field, type the **station number** and press <TAB>.
2. In the *Effective Date:* field, type the **effective date** the changes are to take place, then press <NEW LINE>.

The Display/Edit Default NFDRS Parameters form redisplay, listing the station number you specified and its current default NFDRS parameters.

3. Using <TAB> and/or arrow keys, move the cursor to the field(s) you want to edit.
4. Edit the appropriate fields in the form, as instructed on page 6.13. Press <TAB> after each entry.

5. To save the changes you made to the default NFDRS parameters, press <F1>.

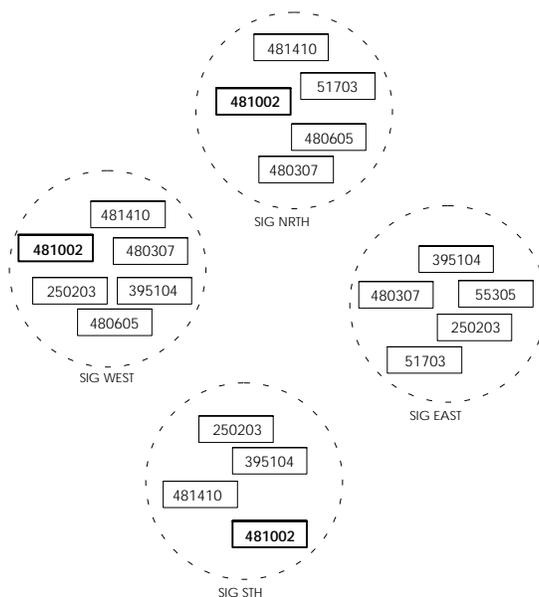
Station catalog has been updated!

displays on the bottom on the Display/Edit Default NFDRS Parameters form

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.

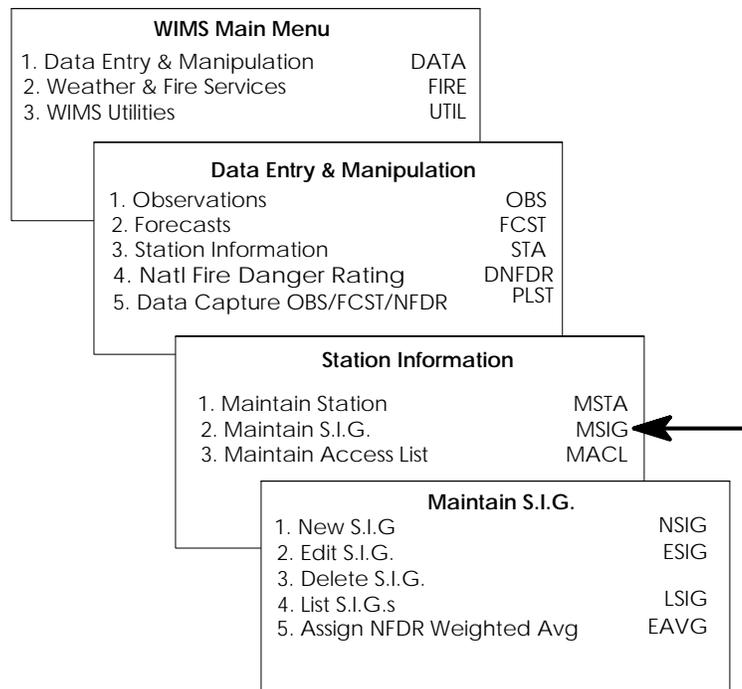


WIMS automatically creates and maintains Fire Weather Forecast Zone SIGs when the Forecast Zone field is completed on the Create General Station Information form.

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 press <NEW LINE>.

```

Weather Information Management System
1.3.2 Maintain S.I.G. MSIG
WIMS
09-May-95
04.23.95

1. New S.I.G. NSIG
2. Edit S.I.G. ESIG
3. Delete S.I.G.
4. List S.I.G.s LSIG
5. Assign NFDR Weighted Avg EAVG
6. Screen HELP HMSIG
7. Return to Previous Menu STA

Option/FastPath: █

F2-FastPath Help F3-Exit F4-Top Menu F11-Previous Menu
-----
MSIG Page MENU Count:

```

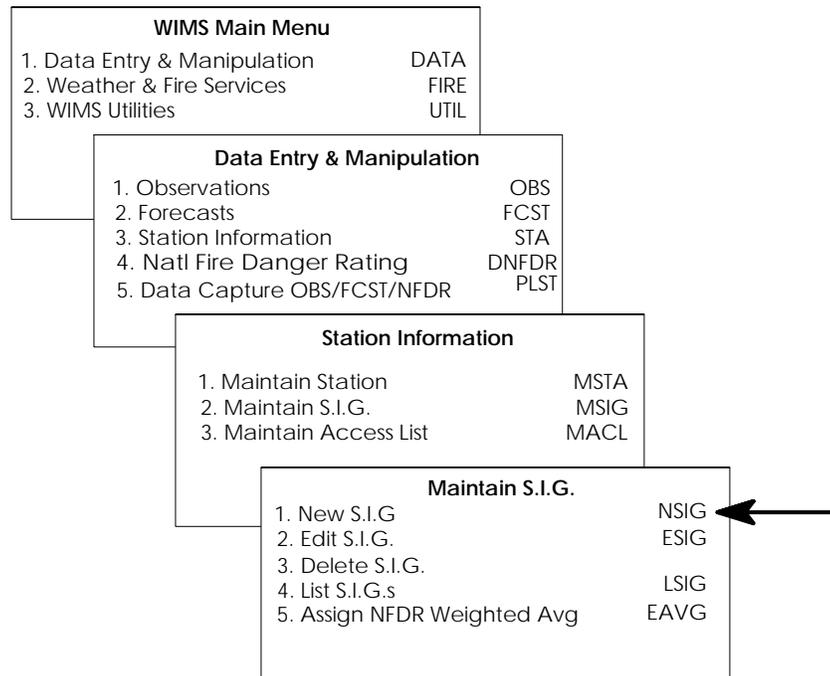
Remember, you can skip this menu by typing the *FASTPATH* command:

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



Since there is no FASTPATH command to delete a SIG, you must first display this menu. Next, type 3 to access the Delete a Special Interest Group 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 press <NEW LINE>.

NSIG form

```

+----- Create a Special Interest Group (SIG) -----+
|
| SIG Name: █_____ Owner User ID: _____
|
| Station ID
|  _____
|  _____
|  _____
|  _____
|  _____
|  _____
|  _____
|  _____
|  _____
|
+-----+
| F1-Save   F2-Help   F5-Show Keys   F11-Exit   F17-Copy FROM
| Enter the name of the Special Interest Group. Press ENTER. _____
| Count: *0

```

Special Interest Group field definitions

Use the field definitions listed below to complete SIG forms in this chapter. 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, up to four characters. <i>The first character of the new SIG must be alphabetic.</i>
Owner User ID: (owner's WIMS logon ID)	Displays your WIMS logon ID.
Station ID (station number)	Enter the number of each station included in the SIG.

To create a new SIG

From the Create a Special Interest Group form:

1. In the *SIG Name:* field, type the new SIG name and press <TAB>.

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

2. In the *Station ID* field, type the **station number** you want to include in the new SIG and press <TAB>.
3. Continue entering **station number(s)** you want to include in the new SIG, pressing <TAB> after each entry.
4. To save the new SIG, press <F1>.

Info: This Special Interest Group has been saved!

displays on the bottom of the Create a Special Interest Group form.

To copy station numbers from another SIG into your new SIG

Since you cannot share Private SIGs, use the copy function to avoid retyping a long list of stations that are already defined in another SIG. To copy a SIG, you must know that SIG name and WIMS logon ID of that SIG's owner.

From the Create a Special Interest Group form:

1. In the *SIG Name:* field, type your new **Special Interest Group name** and press <TAB>.

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

- To invoke the copy function, press **<CTRL> + <F5>** (**<F17>**). For *A2B* or *SimPC*, press **<SHIFT> + <F5>**.

```

+-----+
| Copy FROM an existing S.I.G. |
+-----+
| SIG Name: ████ |
| SIG Owner ID: _____ |
| NOTE: |
| Weights are copied if they exist. |
+-----+

```

- In the *SIG Name:* field, type the **Special Interest Group name** that contains the station numbers you want to copy, then press **<TAB>**.
- In the *SIG Owner ID:* field, type the complete **owner's WIMS logon ID** and press **<NEW LINE>**.



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

WIMS returns you to the Create a Special Interest Group form. The station numbers and any previously assigned weight factors from the SIG are copied into your new SIG.

```
Info: S.I.G. name has been copied from user
J.DOE.
```

displays on the Create a Special Interest Group form.

- You can continue to press **<CTRL> + <F5>** (**<F17>**), the Copy FROM function, to add more station numbers to your new SIG. For *A2B* or *SimPC*, press **<SHIFT> + <F5>**.



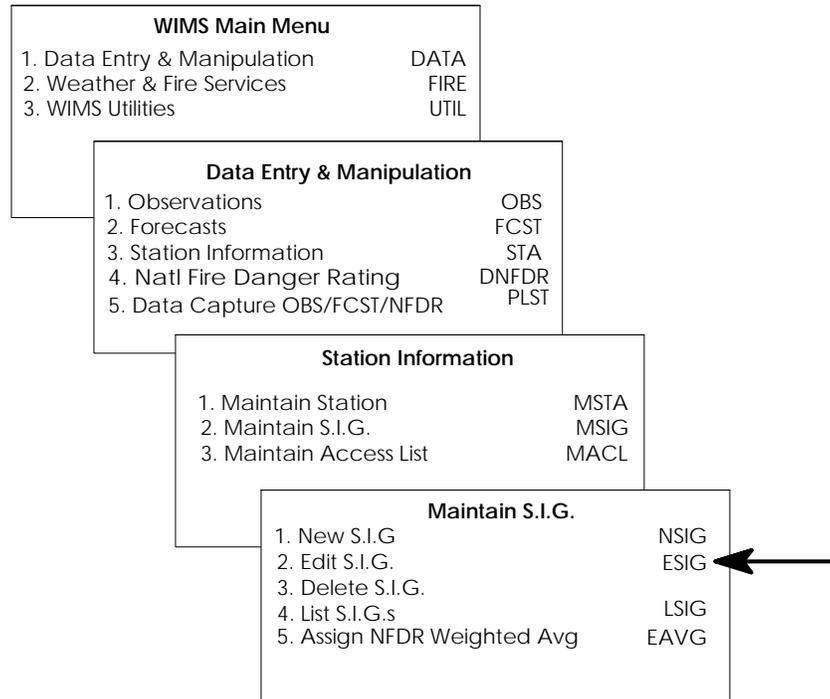
You can copy Public SIGS by specifying the desired SIG name and "PUBLIC" as the owner's WIMS logon ID

- To save your entries and your new SIG, press **<F1>**.

```
Info: This Special Interest Group has been
saved!
```

displays on the bottom of the Create a Special Interest Group form.

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 press <NEW LINE>.

ESIG form

```

+----- Display/Edit a Special Interest Group (SIG) -----+
|
| SIG Name: █ _____ Owner User ID: _____
|
| Station ID
| _____
| _____
| _____
| _____
| _____
| _____
| _____
| _____
|
+-----+
| F1-Save   F2-Help   F5-Show Keys   F11-Exit
| Enter the name of the Special Interest Group. Press ENTER. _____
| Count: *0                                     <List>

```

To edit an existing SIG

From the Display/Edit a Special Interest Group form:

1. In the *SIG Name*: field, type the **Special Interest Group name** and press <NEW LINE>.

Enter the owner of the SIG or blank for YOU:
THEN PRESS ENTER!

displays at the bottom of the Display/Edit a Special Interest Group form.

2. If you are the owner of the SIG, press <NEW LINE>.

The list of current station numbers defined to the SIG appears on the Display/Edit a Special Interest Group form.



If you have authorization you can edit another owner's SIG by entering the complete WIMS logon ID. For example, a valid WIMS logon ID is "OPSSFSS2305".

3. To invoke the copy function, press <CTRL> + <F5> (<F17>). For A2B or SimPC, press <SHIFT> + <F5>.

```

+-----+
| Copy FROM an existing S.I.G. |
+-----+
| SIG Name: ████ |
| SIG Owner ID: _____ |
| NOTE: |
| Weights are copied if they exist. |
+-----+

```

4. In the *SIG Name:* field, type the **Special Interest Group name** that contains the station numbers you want to copy, then press <TAB>.
5. In the *SIG Owner ID:* field, type the complete **owner's WIMS logon ID** and press <NEW LINE>.



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

WIMS returns you to the Display/Edit a Special Interest Group form. The station numbers and any previously assigned weight factors from the SIG are copied into your new SIG.

Info: S.I.G. name has been copied from user J.DOE.

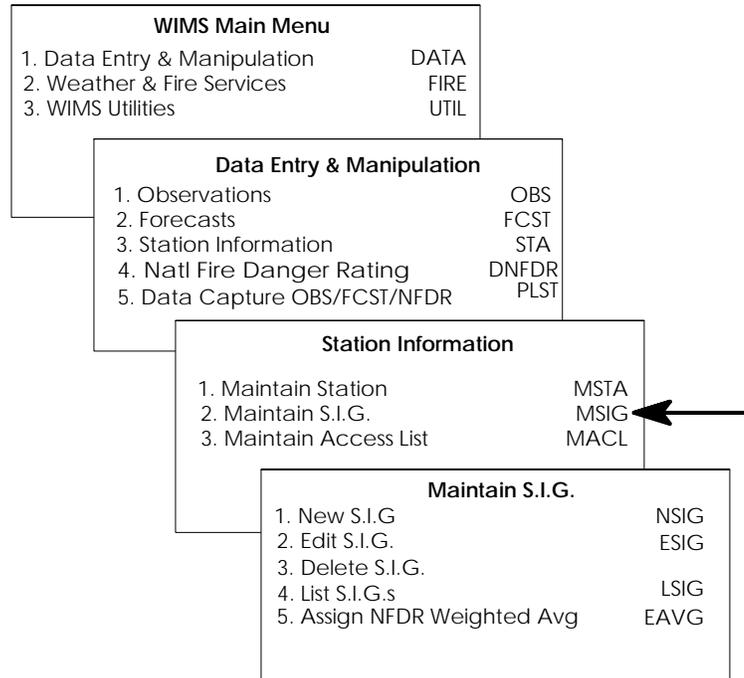
displays on the Display/Edit a Special Interest Group form.

6. You can continue to press <CTRL> + <F5> (<F17>), the Copy FROM function, to add more station numbers to your new SIG. For A2B or SimPC, press <SHIFT> + <F5>.
7. By pressing <TAB>, <F4>, and/or the down arrow keys, move the cursor to the bottom of your current list. Next, add any new **station number(s)** from the list of station IDs.
8. By pressing <TAB>, <F4>, and/or the down arrow keys, move the cursor next to the desired station ID. To delete that **station number** from the list, press <F9>.
9. To save the changes you made to the SIG, press <F1>.

Info: Changes have been saved!

displays on the bottom of the Display/Edit a Special Interest Group form.

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

From the Maintain S.I.G. menu:

- ◆ In the *Option/Fastpath:* field, type **3** and press <NEW LINE>.

Delete a Special Interest Group form

```

+----- Delete a Special Interest Group (SIG) -----+
|
| SIG Name: █ _____ Owner User ID: _____
|
| Station ID
| _____
| _____
| _____
| _____
| _____
| _____
| _____
| _____
|
+-----+
| F1-Save   F2-Help   F5-Show Keys   F11-Exit
| Enter the name of the Special Interest Group. Press ENTER. _____
| Count: *0                                     <List>

```

To delete an existing SIG

From the Maintain S.I.G. menu:

1. In the *Option/Fastpath:* field, type **3** and press <NEW LINE>.

The Delete a Special Interest Group form displays.

2. In the *SIG Name:* field, type the **Special Interest Group name** and press <NEW LINE>.

Info: No changes are allowed. Use F9 to delete entire SIG!

displays at the bottom of the Delete a Special Interest Group form.



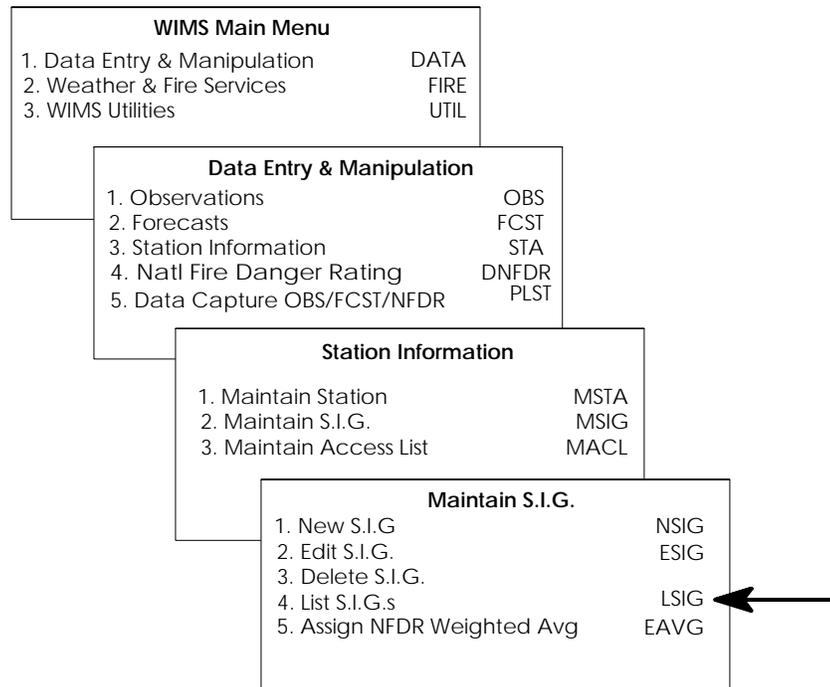
If you want to delete specific station numbers from the SIG without deleting the entire SIG, see "Editing a SIG" earlier in this chapter.

3. Verify the Special Interest Group name you are deleting by reviewing the information carefully.
4. To delete the SIG, press <F9>.

Info: This Special Interest Group has been deleted!

displays at the bottom of the Delete a Special Interest Group form.

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 press <NEW LINE>.

LSIG form

```

+----- List of Special Interest Groups (SIG) -----+
|
|      Owner User ID: █ _____
|
|      SIG          Owner ID
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|      _____  _____
|
+-----+
F2-HELP  F5-Show Keys  F11-Exit  F17-List Stations for SIG
Enter the user id or leave blank for all owners. Press ENTER-----
Count: 0                                     <List>

```

To list all existing SIGs

From the List of Special Interest Groups form:

- ◆ To display the list, press <NEW LINE>.

The List of Special Interest Groups redisplay, listing all SIGs and the WIMS logon IDs of the SIG owners.

To list stations within a S.I.G. - listing all owners

From the List of Special Interest Groups form:

1. To display a list of all existing SIGs, press <NEW LINE>.

The List of Special Interest Groups redisplay, listing all the existing SIGs and the WIMS logon IDs of the SIG owners.

2. Using arrow and function keys, move the cursor to the SIG name you want.

3. To list stations for that SIG, press <CTRL> + <F5> (<F17>). For A2B or SimPC, press <SHIFT> + <F5>.

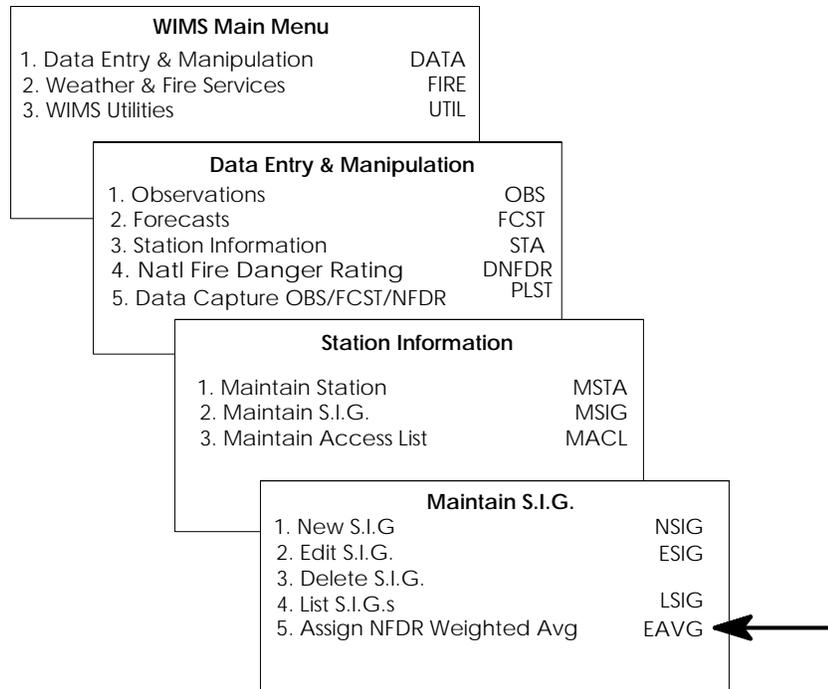
The Display/Edit a Special Interest Group form displays, listing the current station numbers for the SIG you selected.



*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.*

4. To return to the List of Special Interest Groups form, press <F11>.

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 of influence of the station relative to other stations within the SIG.

NFDRS weights are based on local experience, including:

- ◆ the total area that each station represents
- ◆ resource values
- ◆ historic fire occurrences
- ◆ public use patterns
- ◆ degree of importance to local managers.



For more information about NFDRS weights and weighting factors, see Appendix E, “NFDRS technical reference” or refer to Deeming, INT-39.

To access the Display/Edit NFDRS Weight Assignments form

- ◆ In the *Option/Fastpath:* field, type **EAVG** and press <NEW LINE>.

EAVG form

```

+----- Display/Edit NFDRS Weight Assignments (EAVG) -----+
|
|          SIG Name: █      Owner User ID: OPS$FSS2305_
|                                (No Public)
|
|          Station ID   Priority   Model Info   Weight Factor %
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|          _____   _____   _____   _____
|
|                                Total weight: _____ %
|
|          PLEASE NOTE: If assigned, Weight Factors MUST equal 100 for the Special
|                        Interest Group. Leave BLANK or delete (F9) to not include
|                        fuel-model in the Weighted Average Calculations.
|
+-----+
|
|          F1-Save      F2-Help      F5-Show Keys      F11-Exit
|          Enter the name of the Special Interest Group. Press ENTER. _____
|          Count: *0
|

```

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. <i>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.</i>
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. <i>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.</i>
Total weight (total weight factor percentage)	Displays the total weight factor percentage. <i>To save your NFDRS weight assignments, the total of all assigned weight factor percentages must equal 100 percent.</i>

To assign weightings to your existing SIG

From the Display/Edit NFDRS Weight Assignments form:

1. In the *SIG Name*: field, type the **Special Interest Group name** and press <NEW LINE>.

The Display/Edit NFDRS Weight Assignments form redisplay. For example, the screen below shows the station numbers, fuel models, and model information for SIG "AA."

```

+----- Display/Edit NFDRS Weight Assignments (EAVG) -----+
|
|          SIG Name:  AA__          Owner User ID:  OPS$XX1234__
|                                     (No Public)
|
| Station ID  Priority  Model Info  Weight Factor %
| 482105      1        7G2P2      _____
| 482102      3        7G2P2      _____
| 481410      2        7G2P2      _____
| 481502      4        7G2P2      _____
| _____  -        _____  _____
| _____  -        _____  _____
| _____  -        _____  _____
| _____  -        _____  _____
|
| PLEASE NOTE: If assigned, Weight Factors MUST equal 100 for the Special
|               Interest Group. Leave BLANK or delete (F9) to not include
|               fuel-model in the Weighted Average Calculations.
|
+-----+
|          F1-Save   F2-Help   F5-Show Keys   F11-Exit
| Enter the name of the Special Interest Group. Press ENTER. _____
| Count: *0                                               <List>

```

2. To assign weight factors, complete the remaining fields in the form, as instructed on the previous pages. Press <TAB> to advance to the next field.
3. To save the NFDRS weighted averages for your SIG, press <F1>.

If weight factors do not total 100 percent, the message:

```
Error: Total weight factors do NOT = 100%.
```

displays at the bottom of the Display/Edit Weight Assignments form.



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

To calculate an interim total weight percentage

From the Display/Edit NFDRS Weight Assignments form:

- ◆ After you enter the weight factor percentage for a station, press <NEW LINE> instead of <TAB>.

The total weight field calculates an interim total weight percentage.

To exclude a station ID from a NFDRS weight assignment

From the Display/Edit NFDRS Weight Assignments form:

1. In the *SIG Name:* field, type the **Special Interest Group name** and press <NEW LINE>.

The Display/Edit NFDRS Weight Assignments form redisplay, listing every station number, initial station fuel model priority rating, and model information for the SIG you selected.

2. Using <TAB> and/or arrow keys, move the cursor to the *Weight Factor %* field for the existing station number that you want to exclude.

3. To exclude that station number, press **<space bar>** until the *Weight Factor %* field is blank.



If you press <F9> to exclude the station, you will also delete it from the SIG.

4. Continue to exclude any station number(s) that you want. Press **<NEW LINE>** to calculate an interim total weight percentage.



Remember, the Total weight percentage must equal 100 percent before you can save the SIG .

5. Verify the total weight percentage for the SIG. If this field does not equal 100 percent, reassign the weight fact percentage for each remaining station.
6. To save the SIG, press **<F1>**.

If weight factors do not total 100 percent, the message:

```
Error: Total weight factors do NOT = 100%.
```

displays at the bottom of the Display/Edit Weight Assignments form.

To reassign a weight factor percentage to a station

From the Display/Edit NFDERS Weight Assignments form:

1. In the *SIG Name:* field, type the **Special Interest Group name** and press **<NEW LINE>**.

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

2. Using **<TAB>** and/or arrow keys, move the cursor to the *Weight Factor %* field for the station number you want to reassign.

3. In the *Weight Factor %* field, type the new **weight factor percentage** for each station and press <TAB>.



You can type over the current weight factor percentage, then press <space bar> to clear out any remaining numbers in that field. To use a different fuel model, enter the model priority number, or press <F10> to list the currently cataloged fuel models. The Model Info field will be updated automatically.

4. For each station to be reassigned, continue typing new **weight factor percentage(s)**, pressing <TAB> after each entry.
5. To save the new NFDRS weighted averages for each station, press <F1>.

Access Control Lists (ACLs)

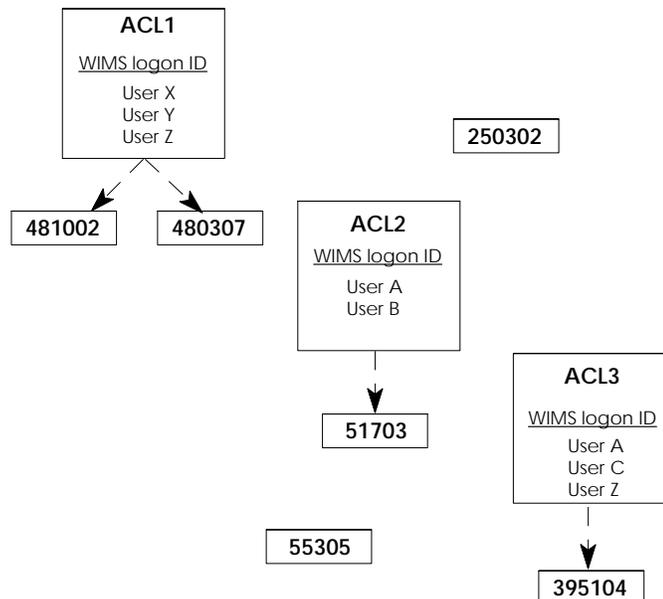
Usually, more than one person needs access to edit or enter weather station data. WIMS controls user access to a station and privileges by the ACL. An ACL tells WIMS which WIMS logon IDs have the authority to:

- ◆ edit station information
- ◆ enter observations
- ◆ edit observations.



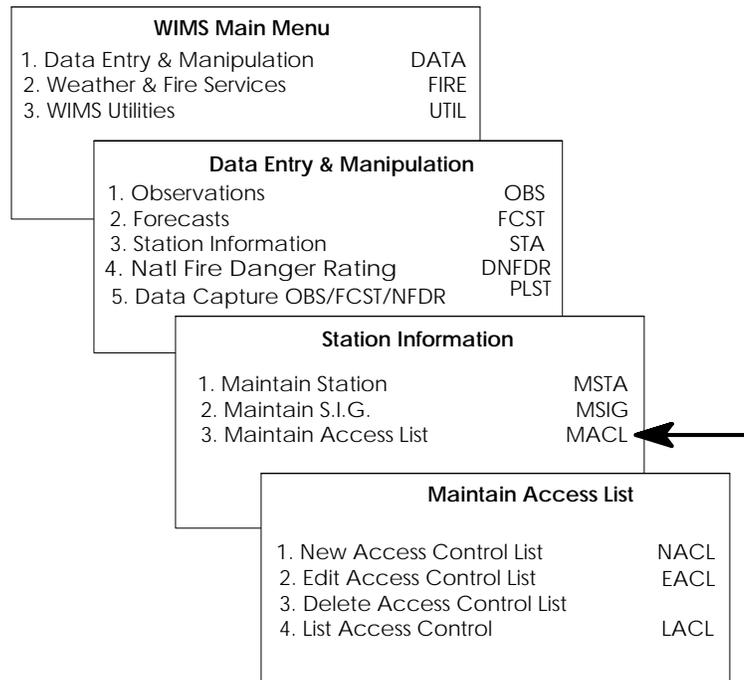
You must have the WIMS Data Manager access level to perform any Access Control List functions. If you do not have this access level, WIMS will not accept FASTPATH commands to these functions. You cannot edit or delete another owner's ACL. Station owners automatically have all the above authorities, and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

As shown in the simplified example below, ACL1 defines WIMS logon IDs User X, User Y, and User Z as having access authority to station 481002 and 480307. ACL2 defines access authority to station number 51703. ACL3 defines access authority to station number 395104. Station numbers 250302 and 55305 do not have any ACLs defined for them, so only the owner can edit or delete them.



Recommendation: Give full access to Regional, area, state, and agency RAWs coordinators. 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 List menu

- ◆ In the *Option/Fastpath:* field, type **MACL** and press <NEW LINE>.

```

Weather Information Management System
1.3.3 Maintain Access Control Lst MACL
                                                    WIMS
                                                    09-May-97
                                                    03.23.97

1. New Access Control List      NACL
2. Edit Access Control List     EACL
3. Delete Access Control List
4. List Access Control List     LACL
4. Screen Help                  HMACL
5. Return to Previous Menu     STA

Option/FastPath: █

F2-FastPath Help      F3-Exit      F4-Top Menu      F11-Previous Menu

```

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.

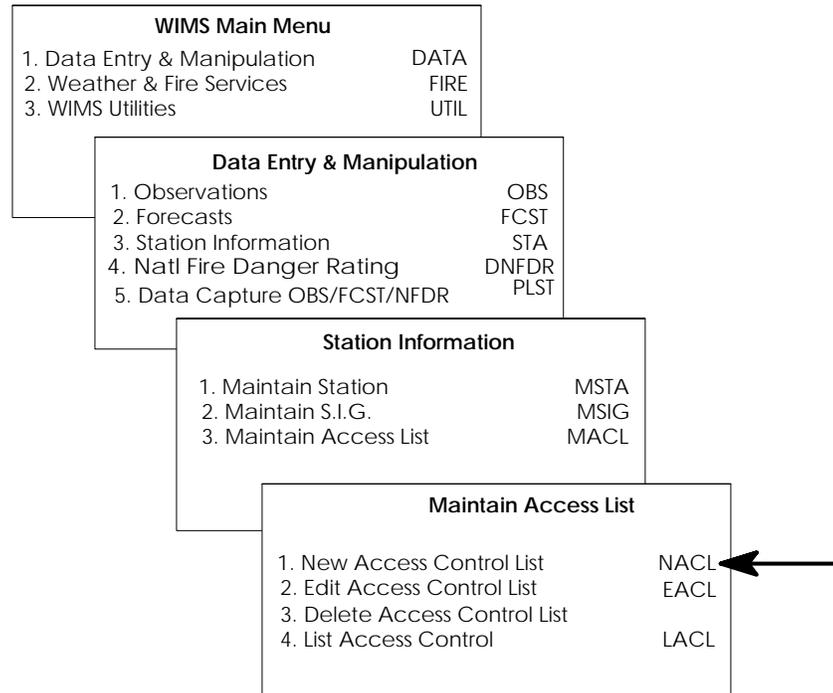


Since there is no FASTPATH command to delete an ACL, you must first display this menu. Next, type 3 to access the Delete an Access Control List form.

To obtain access to Maintain Access Control List functions

- ◆ Contact your local WIMS system administrator.

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 press <NEW LINE>.

NACL form

```

----- Create an Access Control List (ACL) -----
Access List Name: █          Owner User ID: _____

      Station  Observations
      User ID  Edit    Enter  Edit
      _____ N      Y      Y
      _____ N      Y      Y

      F1-Save   F2-Help   F5-Show Keys  F11-Exit
Enter the name of the Access Control List. Ex:  DETAIL_____
Count: *0

```

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 (your 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. <i>For a <List> of values for this field, press <F10>.</i>
Station Edit (edit station's information access)	Y allows the user to edit station information, change station ownership and/or the ACL N does not allow the user to edit station information. <i>Use discretion when allowing others to edit station information.</i>

Observations Enter (enter station's observations access)	Y allows the user to enter observations N does not allow the user to enter observations.
Observations Edit (edit station's observations access)	Y allows the user to edit and/or delete observations N does not allow the user to edit 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 press <TAB>.
2. In the *User ID* field, type the complete **WIMS logon ID** of the person you want to add to the ACL and press <TAB>.



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

3. Complete the remaining user access designation fields as instructed on the previous pages. Press <TAB> to advance to the next field.
4. Continue entering **WIMS logon IDs** and **access designations** you want to add to the ACL, pressing <TAB> after each entry.
5. To save the changes you made to the ACL, press <F1>.

Info: This access control list has been saved!

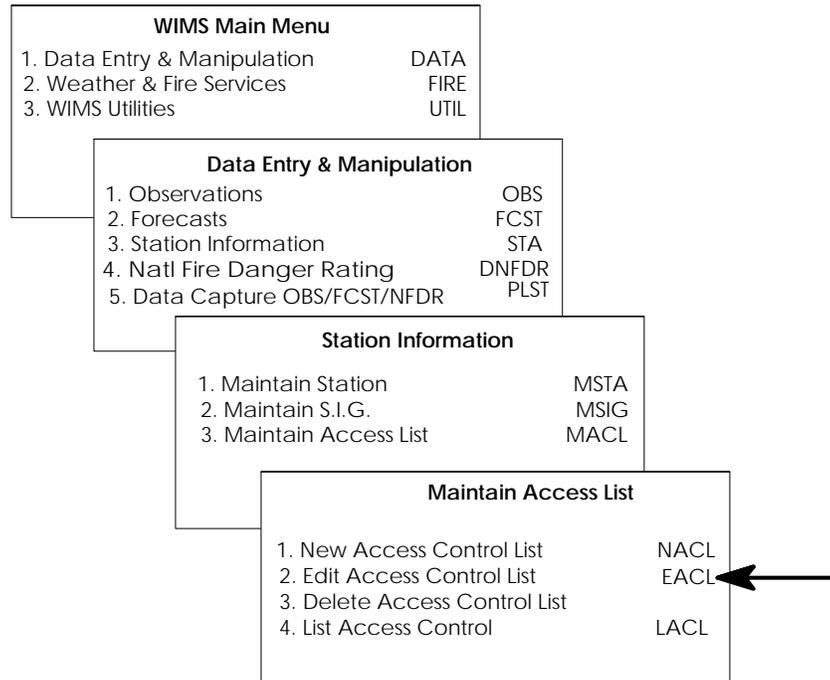
displays on the bottom of the Create an Access Control List form.



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 press <NEW LINE>.

EACL form

```

----- Edit an Access Control List (ACL) -----
Access List Name: █ _____ Owner User ID: _____

      User ID      Station  Observations
      User ID      Edit    Enter   Edit
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -
      _____  -      -      -

      F1-Save   F5-Show Keys   F11-Exit

Enter the name of the Access Control List and press <ENTER>. _____
Count: *0                                           <List>

```

To edit an ACL

From the Edit an Access Control List form:

1. In the *Access List Name*: field, type the **Access Control List name** and press <NEW LINE>.

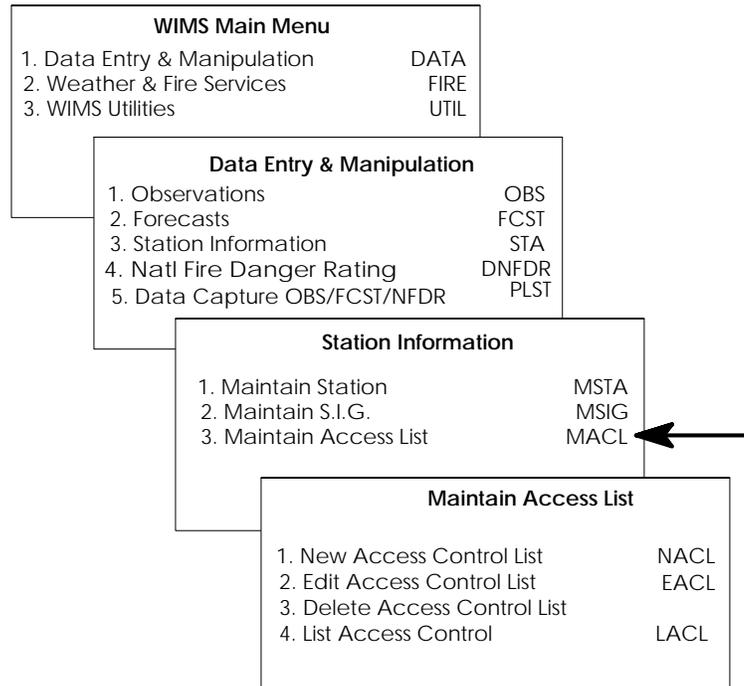
The Edit an Access Control List form redisplay, listing all WIMS logon IDs for that ACL.

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, press <F1>.

Info: This access control list has been saved!

displays on the bottom of the Edit an Access Control List form.

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 the Delete an Access Control List form

From the Maintain Access List menu:

- ◆ In the *Option/Fastpath:* field, type **3** and press <NEW LINE>.

Delete an ACL form

```

+----- Delete an Access Control List (ACL) -----+
|
| Access List Name: █ _____ Owner User ID: _____
|
|      Station      Observations
|      User ID      Edit      Enter      Edit
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|      _____  -        -        -
|
+-----+
|
|      F2-Help      F5-Show Keys      F9-Delete      F11-Exit
|
| Enter the name of the Access Control List and press <ENTER>. _____
| Count: *0                                             <List>

```

To delete an ACL

From the Maintain Access List menu:

1. In the *Option/Fastpath:* field, type **3** and press <NEW LINE>.

The Delete an Access Control List form displays.

2. In the *Access List Name:* field, type the **Access Control List name** and press <NEW LINE>.

Info: Use F9 to delete this Access Control List

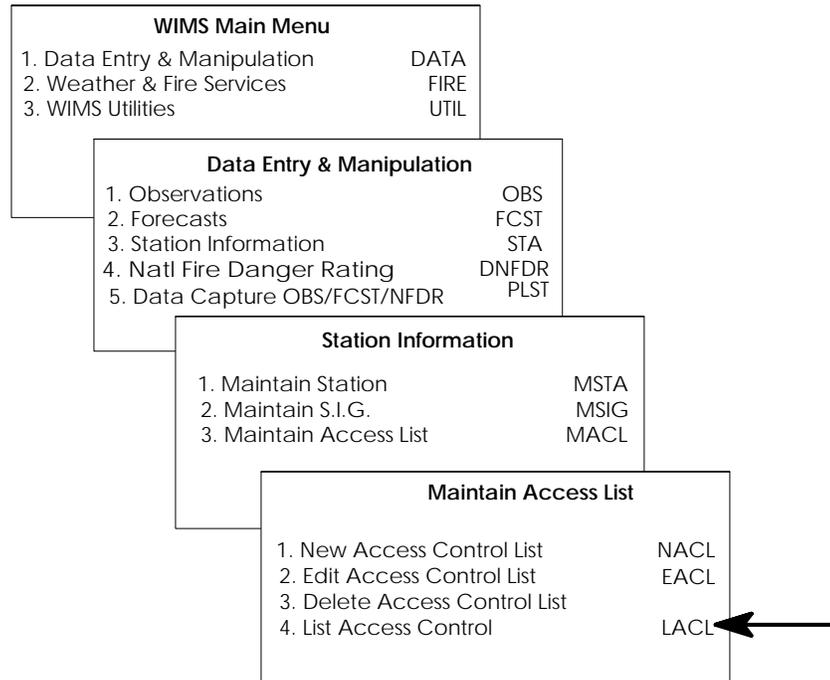
displays at the bottom of the Delete an Access Control List form.

3. To be sure that you are deleting the correct ACL, review the ACL carefully.
4. To delete the ACL, press <F9>.



*Although an informational message does **not** display after you press <F9>, the ACL you selected is deleted.*

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 press <NEW LINE>.

LACL form

```

+----- List of Access Control Lists (ACL) -----+
|
|      Owner User ID: █ _____
|
|      ACL                OWNER ID
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|      _____        _____
|
+-----+
|      F2-Help   F5-Show Keys   F11-Exit   F17-List User IDs for ACL
|
|      Enter the user id or leave blank for all owners.  Press ENTER. _____
|      Count: *0                                         <List>

```

To list all existing ACLs

From the List of Access Control Lists form:

- ◆ To display the list, press <NEW LINE>.

The List of Access Control Lists form redisplay, listing all defined ACLs.

To list the ACLs of an owner

From the List of Access Control Lists form:

1. In the *Owner User ID:* field, type the complete **WIMS logon ID** of the person who owns the ACLs you want to list and press **<NEW LINE>**.



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

The List of Access Control Lists form redisplay, listing all ACLs defined for that owner's logon ID.

2. Using arrow and function keys, move the cursor to the ACL you want.
3. To list logon IDs defined to that ACL, press **<CTRL> + <F5>** (**<F17>**). For *A2B* or *SimPC*, press **<SHIFT> + <F5>**.

The Edit an Access Control List form displays, listing the logon IDs currently defined to the ACL you selected.



*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.*

4. To return to the List of Access Control Lists form, press **<F11>**.