CHAPTER 5

Beyond the Basics

This chapter describes advanced functions available in the WIMS, including:

- query blocks and query mode
- capturing data
- re-calculating NFDRS indices.

Table of Contents

Query blocks and query mode 2
Searching by Obs Date 2
Custom Query of the List Station (LSTA) form 3
Searchable fields for LSTA Custom Query 6
Capturing/Saving query data 6
Data Capture OBS/FCST/NFDR PLST 8
PLST field definitions 10
Report Output Terminology 10
Editing Observations or NFDRS parameters 12
ENFDR 13
Recalculation - Recalc 15

Query blocks and query mode

A query block is a portion of a form that contains a group of related fields used to retrieve records. In WIMS, the query block is the top portion of the form. For example, the top portion of the Display Observations form shows the Station ID, SIG, Type, Date, and Time fields.

In the query form you can enter some or all of the fields in the query block to specify the criteria that WIMS will use to retrieve records. WIMS will retrieve only those records that match all the specified criteria.

A query can be run on a single station or a SIG. If a SIG name is unknown, selecting the SIG button will open a window which lists Public SIGs and SIGs created under your username. Click on the SIG name to select and populate the field.

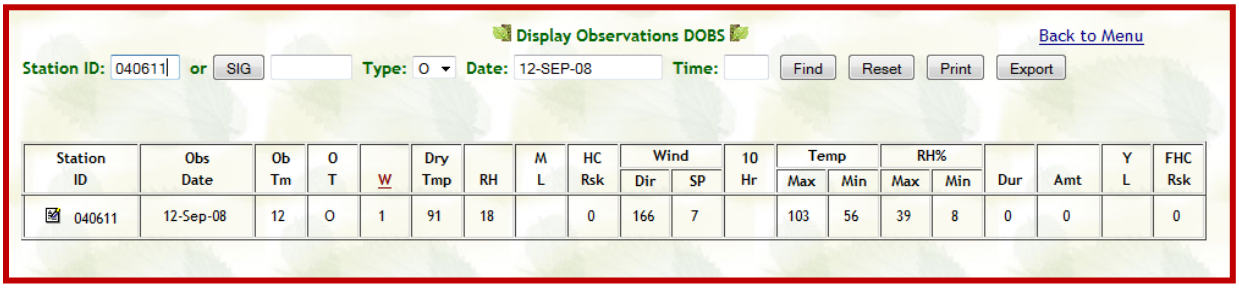
The "Type" field will filter your query by observation type. R – RAWS, O - Standard Observation and S – Special Observation. A blank entry for Type will produce a report with observations of all types.

Searching by Obs Date

Most WIMS Date fields allow you to locate information by searching for a specific date or by searching using a range of dates. For example:

Format	Description
~~[blank]~~	~~Retrieves records for the last date entered for a single station (no SIGs allowed)~~ Error Message when I tried this….. Error: Obs Date - numeric error.
DD-MMM-YY	Retrieves records for the specified date
DD-MMM-YY-DD-MMM-YY DD-MMM-YY DD-MMM-YY	Retrieves records that fall between or are equal to the specified dates. You can also use a space to separate the two dates.
>DD-MMM-YY	Retrieves records after the specified date

To initiate the query, select the Find button. The queried data will populate the form. In the example below the user queried for a Regular Observation for station 040611 for September 12, 2008.



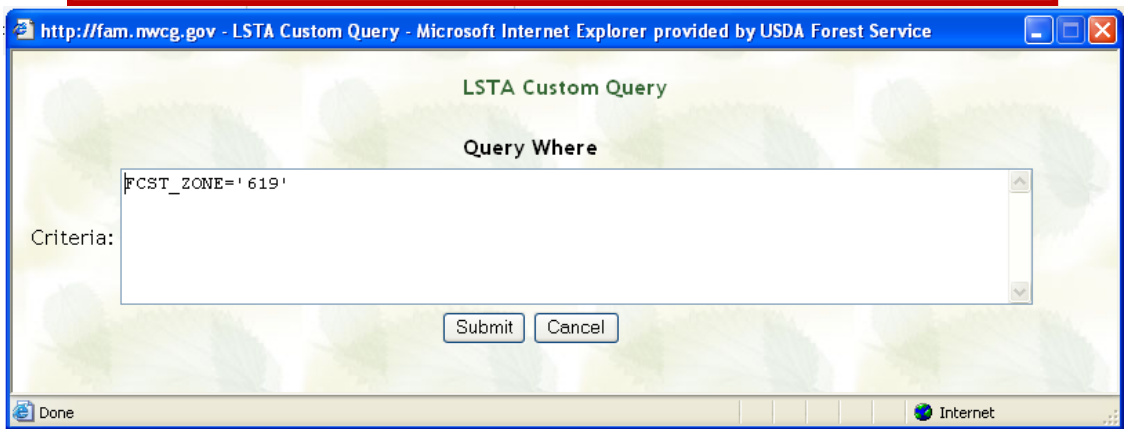
Custom Query of the List Station (LSTA) form

This allows users to query stations using criteria that are not part of the List Station form. (For field names and definitions on the List Stations form, see Chapter 6, ''Working with station information.'')

To initiate a Custom Query, type an ampersand (&) in the Owner field and select Find.

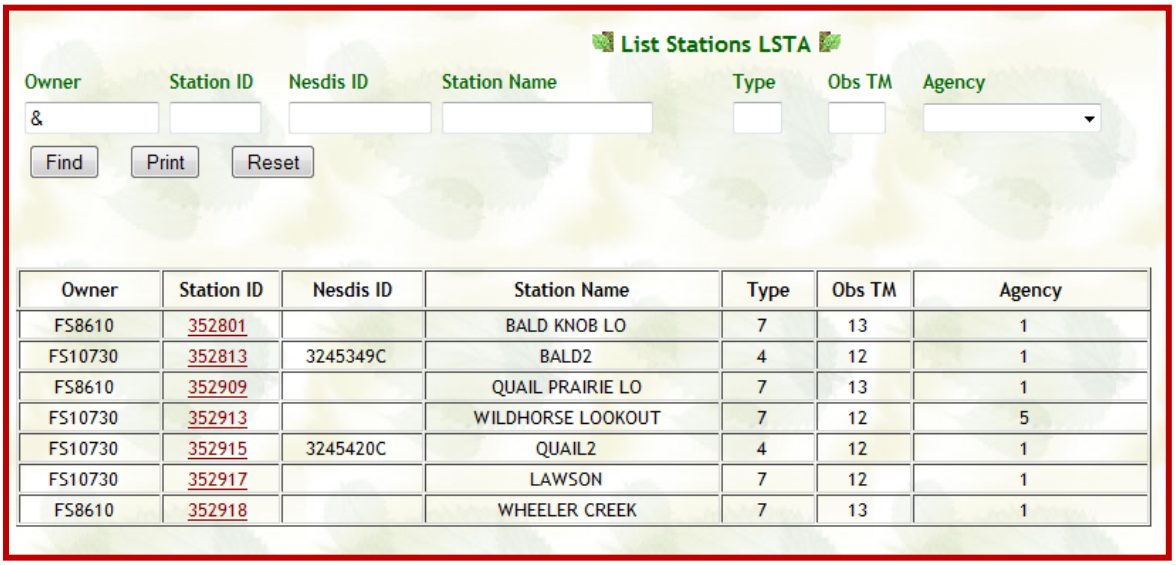
Example 1

This example is a query to list all the stations in forecast zone 619. As shown in the previous graphic, type & (ampersand) in the owner field and select Find. This opens the LSTA Custom Query pop-up window.



I had to put the single quotes around the zone number to get it to work because it is a text field.

In the LSTA Criteria text box type FCST_ZONE=619 and click Submit. The LSTA Custom Query window will close and the query results will generate in the LSTA form. Below is the result of the query.



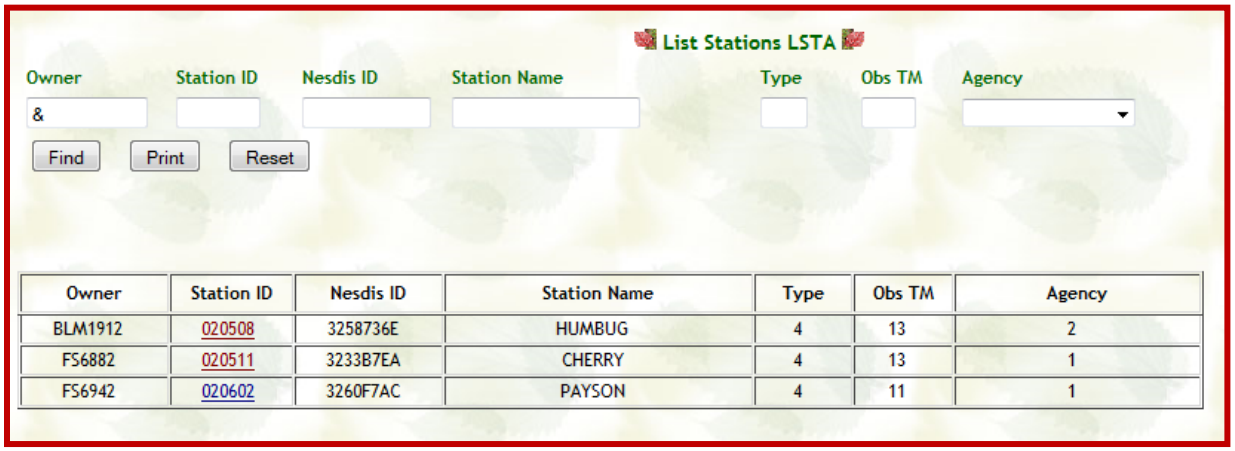
Owner	Station ID	Nesdis ID	Station Name	Type	Obs TM	Agency
FS8610	352801		BALD KNOB LO	7	13	1
FS10730	352813	3245349C	BALD2	4	12	1
FS8610	352909		QUAIL PRAIRIE LO	7	13	1
FS10730	352913		WILDHORSE LOOKOUT	7	12	5
FS10730	352915	3245420C	QUAIL2	4	12	1
FS10730	352917		LAWSON	7	12	1
FS8610	352918		WHEELER CREEK	7	13	1

Example 2

In this next example, you will initiate a query to list all stations located in forecast zone 302 and have station aspects of 4: South (S/180). In the LSTA Custom Query pop-up window, type ASPECT=4 AND FCST_ZONE=302 and click Submit.

Need toupdate this capture – add quotes

The List Station form will display the results.



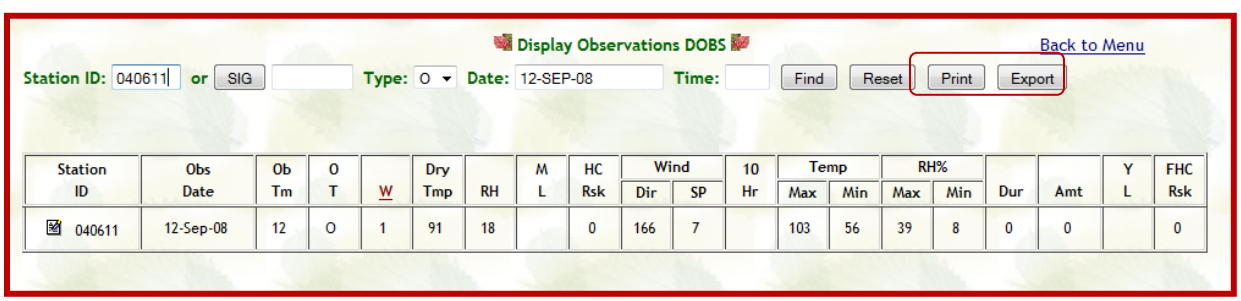
Owner	Station ID	Nesdis ID	Station Name	Type	Obs TM	Agency
BLM1912	020508	3258736E	HUMBUG	4	13	2
FS6882	020511	3233B7EA	CHERRY	4	13	1
FS6942	020602	3260F7AC	PAYSON	4	11	1

SEARCHABLE FIELDS FOR LSTA CUSTOM QUERY

HUMIDITY_CODE
OBSERVING_AGENCY
ASPECT
FCST_ZONE
SITE
REGION_NUMBER
STATION_TYPE
ELEVATION
LATITUDE

CAPTURING/SAVING QUERY DATA

Data generated from any query can be captured and saved by the use of the output forms Print or Export buttons. (on lsta only print)



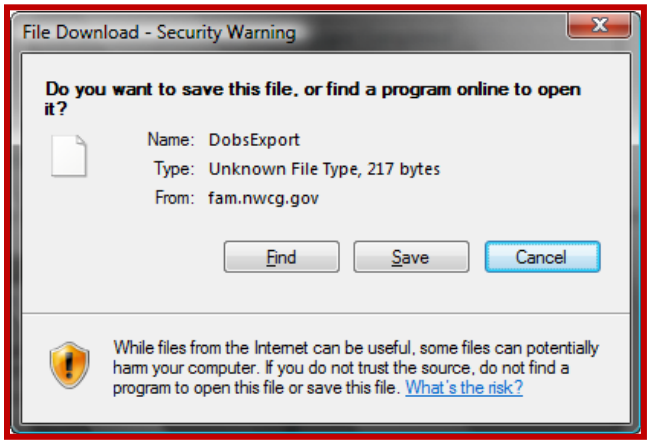
Station ID	Obs Date	Ob Tm	O T	W	Dry Tmp	RH	M L	HC Rsk	Wind Dir	Wind SP	10 Hr	Temp Max	Temp Min	RH% Max	RH% Min	Dur	Amt	Y L	FHC Rsk
040611	12-Sep-08	12	O	1	91	18		0	166	7		103	56	39	8	0	0		0

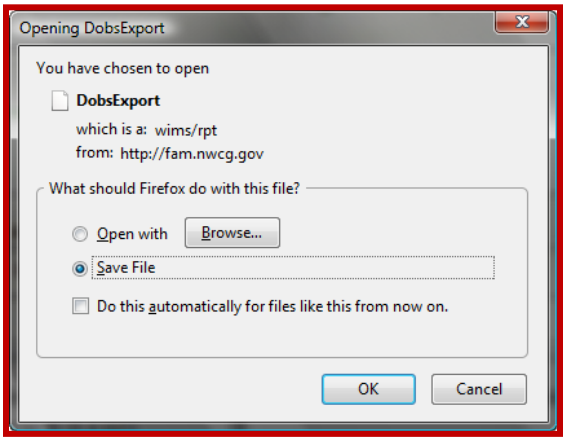
Selecting Print generates a file in a separate window containing the output results in text format as shown in the following graphic.

Station ID	Name	Date	Obs Tm	Obs Typ	Obs W	S Dry Tmp	RH M	L	HC Rsk	Wnd Dir	Wnd Sp	10 Hr	Tmp Max	Tmp Min	RH% Max	RH% Min	Dur	Amt	Y	L	FHC Rsk
040611	REDDING	12-Sep-08	12	O	1	91	18		0	166	7		103	56	39	8	0	0			0

This file can be printed or saved. This is done from the text document by selecting File/Save As or File/Print.

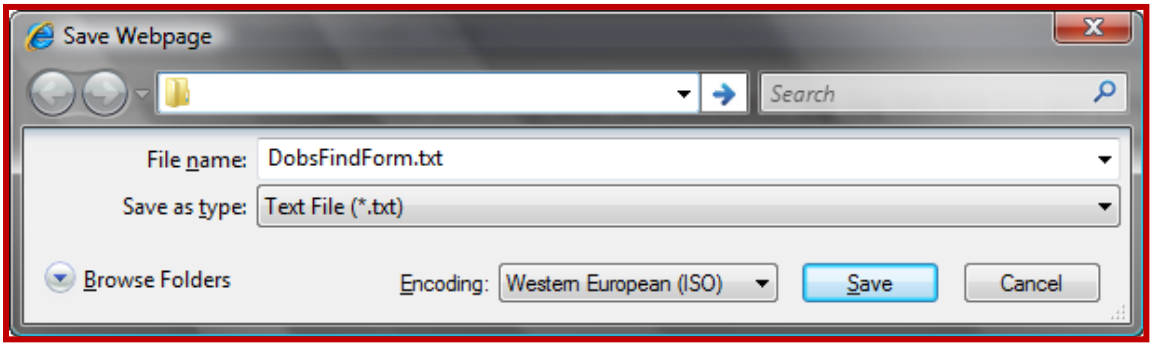
Export will generate a comma delimited file and open a window asking for the destination





folder in which to save the file. Select Save or OK.

Select the folder in which to save the file, name the file and be sure to add a text extension (.txt or as in the Internet Explorer example that follows change the Save as type: to Text File (*.txt). Select the Save button.



A comma delimited file can be imported into spreadsheets, databases or tables.

At each Save As, the file is given a default name as in the above example of saving the DOBS report – DobsFindForm.txt. That file name can and should be changed if you are saving more than one report.

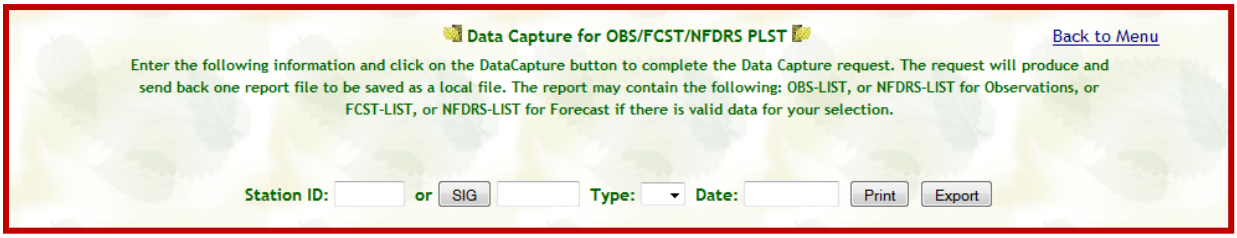
Data Capture OBS/FCST/NFDR PLST

The PLST - Data Capture OBS/FCST/NFDR PLST form allows users to capture and save data in a simple text format.

The fields of the PLST form allow for specific search criteria to be entered for generating individual reports. The requested data is returned to the browser in a plain text format which can be saved or printed.

PLST - DATA CAPTURE FOR OBS/ FCST/ NFDR is located in the Navigation Tree under DATA or use the FastPath PLST.

In the FastPath: field, type PLST and select the Go button.



Form query fields are Station ID or SIG, Type of observation and Date.

Selecting Print will produce one text report. The report will be generated in a separate window and can be printed or saved. The report is made up of four parts:

- OBS-LIST
- NFDRS-LIST for Observations

- FCST-LIST
- NFDRS-LIST for Forecast.

Outputs will be generated only if there is valid data for the selection criteria.

The report example shown does not have Forecast Data or NFDRS Data for Forecast outputs. The Date requested was not within a date range where forecasts are normally generated for the station. Header information is there for each section followed by the numbers of records found.

```
Observation Data
1 records found
      Station              Obs Ob O   Dry    M  HC  Wind  10   Temp     %RH          Y FHC
    ID Name               Date Tm T W Tmp RH L Rsk Dir SP Hr Max Min Max Min Dur Amt L Rsk
040723 LADDER  BUTTE 12-Mar-08 12 O 1   52 26     0 245  8     55  36  73  14   0   0     0

NFDRS Data for Observation
1 records found
      Station          Obs Ob O
    ID Name           Date Tm T  MSGC WS WDY HRB 1H 10 HU TH IC SC EC BI FL SL R KBDI
40723 LADDER  BUTTE 031208 12 O 7G1A2  8  60  35 35 35 32 45  0  0  0  0  0  1 L  248

Forecast Data
0 records found
Station Fcst     Dry     A  Wind  10   Temp     RH%            T
 ID Name  Date Tm W Tmp RH% L Dir SP HR Max Min Max Min Dur1 Dur2 L

NFDRS Data for Forecast
0 records found
Station  Obs Ob O
 ID Name  Date Tm T MSGC WS WDY HRB 1H 10 HU TH IC SC EC BI FL SL R KBDI
```

Selecting the Export button will produce a comma delimited text file with the default name of PlstExport. Add the .txt extension to the file name and save. Below is an example of an exported file. It contains column headers and output data for the report.

```
Observation Data
Station_ID,Station_Name,Obs_Dt,Ob_Tm,Obs_Type,W,Dry_Tmp,RH,M_L,HC_Rsk,Wind_Dir,Wind_SP,10_Hr,T
040723,LADDER BUTTE,12-Sep-08,12,O,0,77,12,,0,284,8,,79,60,14,6,0,0,,0

NFDRS Data for Observation
Station_ID,Station_Name,Obs_Dt,Obs_Tm,Obs_T,MSGC,WS,WDY,HRB,1H,10,HU,TH,IC,SC,EC,BI,FL,SL,R,KB
40723,LADDER BUTTE,091208,12,O,7G1A2,8,60,2,2,2,2,6,62,13,97,81,58,4 ,V ,513

Point Forecasr Data
Station_ID,Station_Name,Fcst_Date,Valid_Tm,W,Dry_Tmp,RH,A_L,Wind_Dir,Wind_SP,10_Hr,Temp_Max,Te
40723,LADDER BUTTE,13-Sep-08,13,0,77,14,1,293,8,2,,,,,0,0,1

NFDRS Data for Point Forecast
Station_ID,Station_Name,Obs_Dt,Ob_Tm,Obs_T,MSGC,WS,WDY,HRB,1H,10,HU,TH,IC,SC,EC,BI,FL,SL,R,KBD
40723,LADDER BUTTE,091308,13,F,7G1A2,8,50,2,2,2,4,6,58,13,92,79,56,3 ,H ,513
```

Here is the same file after being imported into a spreadsheet.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Observation Data																				
2	Station_ID	Station_Name	Obs_Dt	Ob_Tm	Obs_Type	W	Dry_Tmp	RH	M_L	HC_Rsk	Wind_Dir	Wind_SP	10_Hr	Temp_Max	Temp_Min	RH%_Max	RH%_Min	Dur	Amt	Y_L	FHC_Rsk
3	40723	LADDER BUTTE	12-Sep-08	12	O	0	77	12		0	284	8		79	60	14	6	0	0		0
4																					
5	NFDRS Data for Observation																				
6	Station_ID	Station_Name	Obs_Dt	Obs_Tm	Obs_T	MSGC	WS	WDY	HRB	1H	10	HU	TH	IC	SC	EC	BI	FL	SL	R	KBDI
7	40723	LADDER BUTTE	91208	12	O	7G1A2	8	60	2	2	2	2	6	62	13	97	81	58	4	V	513
8																					
9	Point Forecasr Data																				
10	Station_ID	Station_Name	Fcst_Date	Valid_Tm	W	Dry_Tmp	RH	A_L	Wind_Dir	Wind_SP	10_Hr	Temp_Max	Temp_Min	RH_Max	RH_Min	Dur1	Dur2	T_L			
11	40723	LADDER BUTTE	13-Sep-08	13	0	77	14	1	293	8	2					0	0	1			
12																					
13	NFDRS Data for Point Forecast																				
14	Station_ID	Station_Name	Obs_Dt	Ob_Tm	Obs_T	MSGC	WS	WDY	HRB	1H	10	HU	TH	IC	SC	EC	BI	FL	SL	R	KBDI
15	40723	LADDER BUTTE	91308	13	F	7G1A2	8	50	2	2	2	4	6	58	13	92	79	56	3	H	513

PLST FIELD DEFINITIONS

Query Fields	Description and action to be taken
Station ID: (station number)	Enter the 6 digit number of the station.
SIG Name: (Special Interest Group)	Enter the name of the SIG.
Type: (observation type)	Enter the type of observation.
Blank	Type left blank will generate a report with data for all observations O, R or S
O	Report will contain outputs for regular observation and forecast outputs based on the regular observation for the next day
S	Report will contain outputs for all S-Special observations and forecast outputs based on the regular observation for the next day
R	Report will contain any RAWS observations not converted to S or O observations. The NFDRS Data for Observations section will contain data for the day's regular observation. FCST-LIST, and NFDRS-LIST for Forecast section outputs are based on the regular observation for the next day.
Date: (observation date)	Enter the date the observation was recorded.

REPORT OUTPUT TERMINOLOGY

Report Output Terms	Description

Observation Data	Displays observations matching the Type selected
XX Records found	Displays the number of records captured by WIMS for observations.
NFDRS data for Observations	Displays the records captured by WIMS for Observations that contain NFDRS data.
Forecast Data	Displays the records captured by WIMS for forecasted observations based on the observation dates regular observation.
NFDRS Data for Forecast	Displays the records captured by WIMS for forecasted NFDRS outputs based on the observation dates regular observation.

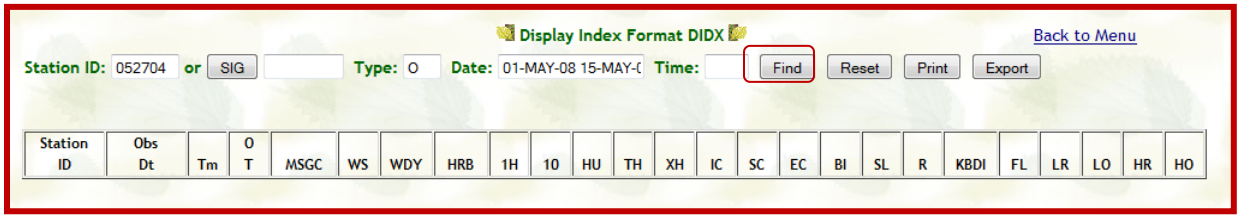
To capture data for an observation with the DATA CAPTURE FOR OBS/ FCST/ NFDR/ PLST form:

1. In the Station ID field, type the station number or in the SIG field, type the Special Interest Group name.
2. The observation type is an optional field available from a dropdown on the PLST form. Enter the observation type if you would like to make use of this feature.
3. In the Date field, type the date the observation was recorded and submit the query. The results will be returned to your browser

To capture specific search criteria from a WIMS output form such as NFDRS Index (DIDX).

In this example we will capture an NFDRS Index (DIDX) report for station "052704" for the date range from May 01 to May 15 and want to capture only regular (Type= O) observations.

1. In the FastPath field, type DIDX and select Go.
2. Complete the desired fields in the query block as shown below and select Find.



Available forms for capturing output results.

The following table specifies the WIMS output forms from which data can be captured:

To capture	Access	FASTPATH
Observation data	Display Observation form	DOBS
Point forecast data	Display Point Forecast form	DPFCST
Trend forecast data	Display Trend Forecast form	DTFCST
Station information	Display/ Edit General Station Information form or the List Stations form and select station.	ESTA and LSTA
NFDRS parameters	Display/ Edit Default Parameters form	ENFDR
Index format	Display Index Format	DIDX
Moisture format	Display NFDRS Moisture (Index)	DIDM
Manager's format	Display Manager's Format	DMGR
Short format	Display Short Format	DSHR
Abbreviated format	Display Abbreviated Format	DABR
Weighted averages	Display NFDRS Weighted Averages	DAVG

Outputs from any of the forms can be Printed, Saved or Exported by using the buttons on the form screen.

EDITING OBSERVATIONS OR NFDRS PARAMETERS

Users must be owners of a station or authorized on a station's Access Control List with Station Edit or Obs Edit privileges to edit any observation for the station. A user must be the station owner or be authorized on the station's Access Control List with station Edit privileges to edit NFDRS parameters on the ENFDR screen.

If you change field values of an observation or edit NFDRS parameters on the ENFDR form, it may be necessary to recalculate any related NFDRS outputs.

- Edits performed on today's observations automatically recalculate the NFDRS indices when the change is submitted.

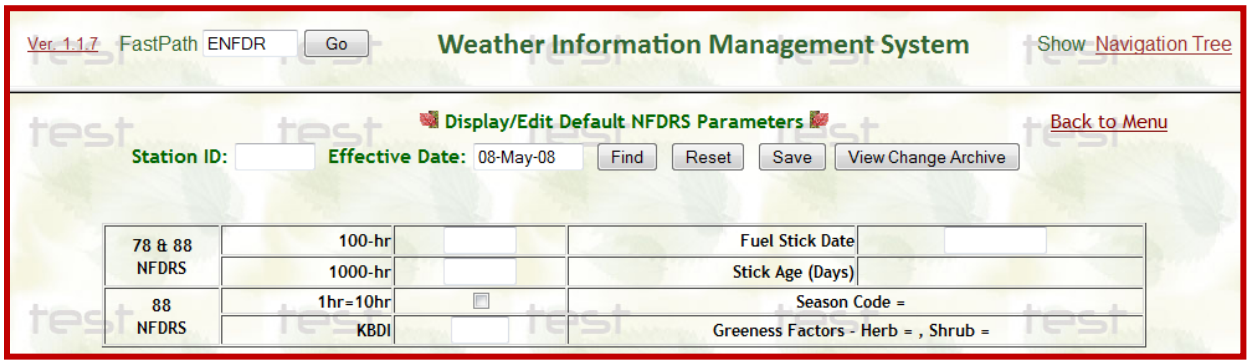
- Edits performed on observations or NFDRS parameters for a previous date, must be recalculated from the effective date forward to generate valid NFDRS outputs or assure correctly applied forecast values.

ENFDR

Edits to NFDRS parameters take effect on the date set in the Effective Date field of the ENFDR parameters screen, not the date they are performed. Think of the ENFDR screen as a time machine where a user can go back to previous dates and change parameters from that date forward.

It is recommended that a DIDM report be run prior to making any changes in NFDRS parameters. This will allow changes to be confirmed.

Edits to NFDRS parameters start by entering the Station ID and the Effective Date and selecting Find. NOTE: The current date is the default for the date field when opening the ENFDR screen.



Many ENFDR model problems occur when users make changes effective on dates in the past without entering that date in the Effective Date field prior to selecting Find.

For example, this station was not frozen prior to green up and as a result the green up was flawed. To clean out the flawed outputs the station was frozen and re-calced with an effective date of 01-JAN-08. The following DIDM report confirms the station is in Herbaceous Stage (HS) frozen/dormant (F).

- Woody Fuel Moisture (WDY FM) is set to the climate class 2 default of 60.
- The Herbaceous Fuel Moisture (HRB FM) equals the 1 hour fuel moisture (1H FM)
- The 1000 Hour Fuel Moisture (TH FM) equals the X1000 Fuel Moisture (XT FM).

Display NFDRS Moisture (Index) DIDM Back to Menu

Station ID: 040611 **or** SIG **Type:** O **Date:** 20-APR-08 08-MAY-08 Find Reset Print Export 1st All Fuel Model(s)

Station ID	Obs Date	O T	MSGC	WDY FM	HRB FM	1H FM	10 FM	HU FM	TH FM	XT FM	KBDI	W F
40611	050808	O	7C1A2	60	2	2	2	5	11	11	337	N
40611	050708	O	7C1A2	60	3	3	4	6	11	11	330	N
40611	050608	O	7C1A2	60	3	3	4	6	11	11	321	N
40611	050508	O	7C1A2	60	2	2	3	6	11	11	309	N
40611	050408	O	7C1A2	60	3	3	4	6	11	11	300	N
40611	050308	O	7C1A2	60	3	3	3	7	12	12	293	N
40611	050208	O	7C1A2	60	4	4	4	6	12	12	286	N
40611	050108	O	7C1A2	60	3	3	3	6	12	12	281	N
40611	043008	O	7C1A2	60	3	3	4	7	12	12	277	N
40611	042908	O	7C1A2	60	6	6	6	8	13	13	274	N
40611	042808	O	7C1A2	60	3	3	4	9	13	13	265	N
40611	042708	O	7C1A2	60	3	3	4	9	13	13	254	N
40611	042608	O	7C1A2	60	3	3	4	10	13	13	244	N
40611	042508	O	7C1A2	60	3	3	4	12	13	13	236	N
40611	042408	O	7C1A2	60	4	4	6	13	13	13	231	N
40611	042308	O	7C1A2	60	11	11	11	13	13	13	228	N
40611	042208	O	7C1A2	60	35	35	35	7	12	12	251	Y
40611	042108	O	7C1A2	60	5	5	6	7	12	12	249	N
40611	042008	O	7C1A2	60	5	5	5	7	12	12	248	N

Now it is May 8th and the user wants to back up and green (G) the station on April 22nd. The correct procedure would be to delete the 08-MAY-YY from the effective date field of ENFDR as it opens and replace it with 22-APR-YY and select Find. This allows us to display the NFDRS parameters on 22-APR. The ENFDR screen below shows the station parameters as of 22-APR. The Herbaceous Stage Code (HS) is F/frozen with a Herb Date of 01-JAN.

Display/Edit Default NFDRS Parameters Back to Menu

Station ID: 040611 **Effective Date:** 22-Apr-08 Find Reset Save View Change Archive

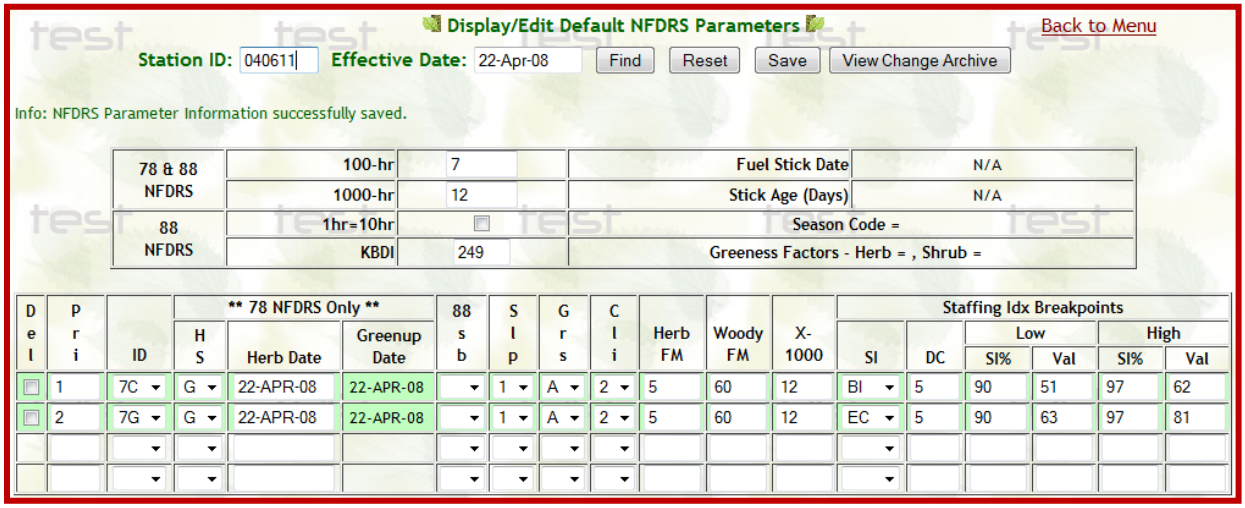
78 & 88 NFDRS	100-hr	7	Fuel Stick Date	N/A
	1000-hr	12	Stick Age (Days)	N/A
88 NFDRS	1hr=10hr	☐	Season Code =	
	KBDI	249	Greeness Factors - Herb = , Shrub =	

Del	Pri	ID	** 78 NFDRS Only **			88 sb	Slp	Grs	Cli	Herb FM	Woody FM	X-1000	Staffing Idx Breakpoints					
			HS	Herb Date	Greenup Date								SI	DC	Low SI%	Low Val	High SI%	High Val
☐	1	7C	F	01-Jan-08	11-Mar-08		1	A	2	5	60	12	BI	5	90	51	97	62
☐	2	7G	F	01-Jan-08	11-Mar-08		1	A	2	5	60	12	EC	5	90	63	97	81

To Green the station at this point the HS is changed to G and the Herb Date is changed to the Effective Date of 22-APR. Since this station has two fuel models changes must be made to each. Select Save when the edits have been completed. If the Effective Date field had not been

changed to 22-APR all changes to the parameters would not have taken effect until 08-May no matter what date you might use as the green-up date. The Effective Date field is the key.

Notice the Info message after the Save. "NFDRS Parameter information successfully saved."



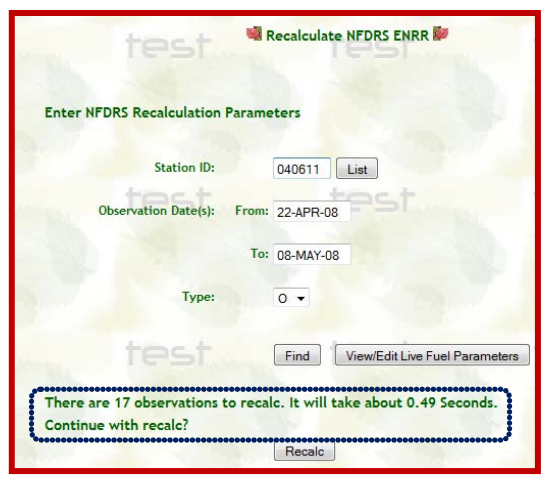
RECALCULATION - RECALC

Recalc is the next step. NOTE: The FastPath for recalc is ENRR, it is not a WIMS menu item or included in the navigation tree. The Recalculate NFDRS ENRR screen has fields for Station ID, Observation Date – From: and To: along with the choice of observation Type. The "From" date for our example is 22-APR the date the station was greened up; it is the point from which we want to recalculate the outputs. The "To:" date is the date of the last data for the station.

Complete the form fields and select Find.

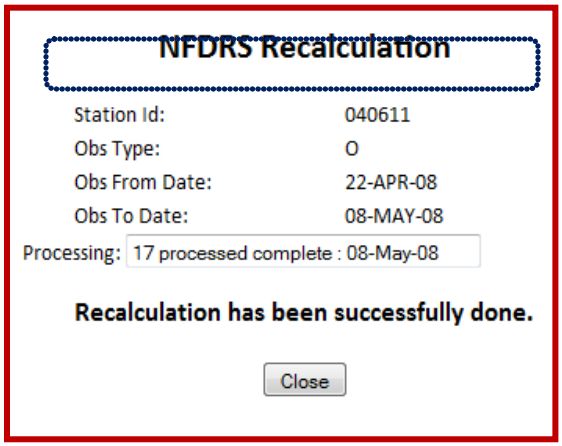
After the Find the Recalc window generates a message letting the user know how many observations will be effected by the recalc. In the example shown. "There are 17 observations to recalc. It will take about 0.49 Seconds. Continue with recalc?

Select Recalc to complete the process.



The NFDR Recalculation pop-up window displays showing the status of the recalculation and displays the number of records that have been processed.

After the NFDR Recalculation is completed a message: "Recalculation has been successfully done." will be displayed.



Select Close to exit the window and return to WIMS.

After the Recalc process is complete it is a good idea to view the DIDM form to verify the desired changes have taken effect. Running a DIDM report confirms the green up.

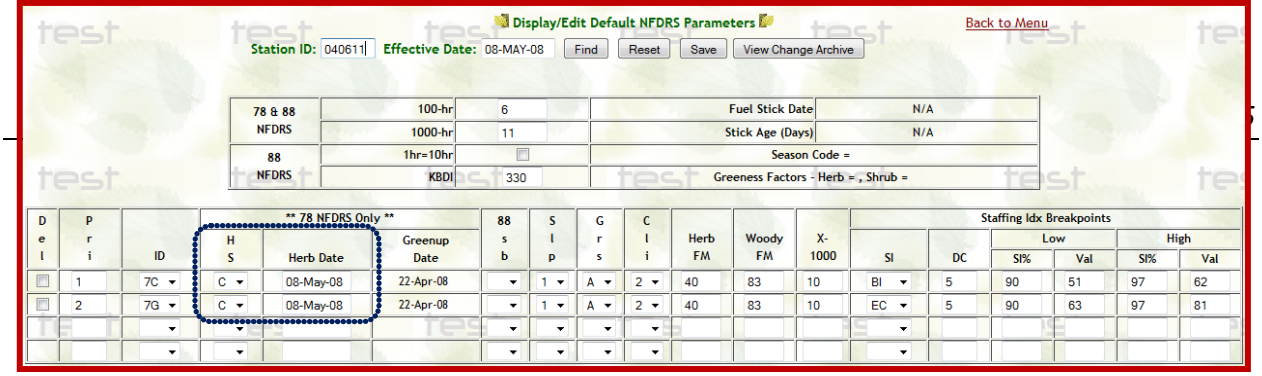
Display NFDRS Moisture (Index) DIDM

Back to Menu

Station ID: 040611 or SIG Type: O Date: 20-APR-08 08-MAY-08 Find Reset Print Export 1st All Fuel Model(s)

Station ID	Obs Date	O T	MSGC	WDY FM	HRB FM	1H FM	10 FM	HU FM	TH FM	XT FM	KBDI	W F
40611	050808	O	7C1A2	81	2	2	2	5	11	10	337	N
40611	050708	O	7C1A2	83	40	3	4	6	11	10	330	N
40611	050608	O	7C1A2	87	46	3	4	6	11	10	321	N
40611	050508	O	7C1A2	86	46	2	3	6	11	11	309	N
40611	050408	O	7C1A2	84	43	3	4	6	11	11	300	N
40611	050308	O	7C1A2	84	42	3	3	7	12	11	293	N
40611	050208	O	7C1A2	81	39	4	4	6	12	11	286	N
40611	050108	O	7C1A2	80	37	3	3	6	12	11	281	N
40611	043008	O	7C1A2	79	35	3	4	7	12	11	277	N
40611	042908	O	7C1A2	80	37	6	6	8	13	12	274	N
40611	042808	O	7C1A2	78	33	3	4	9	13	12	265	N
40611	042708	O	7C1A2	75	28	3	4	9	13	12	254	N
40611	042608	O	7C1A2	72	24	3	4	10	13	13	244	N
40611	042508	O	7C1A2	69	19	3	4	12	13	13	236	N
40611	042408	O	7C1A2	66	15	4	6	13	13	13	231	N
40611	042308	O	7C1A2	63	15	11	11	13	13	13	228	N
40611	042208	O	7C1A2	60	35	35	35	7	12	12	251	Y
40611	042108	O	7C1A2	60	5	5	6	7	12	12	249	N
40611	042008	O	7C1A2	60	5	5	5	7	12	12	248	N

- WDY FM increases from the default of 60



Display/Edit Default NFDRS Parameters

Back to Menu

Station ID: 040611 Effective Date: 08-MAY-08 Find Reset Save View Change Archive

78 & 88 NFDRS	100-hr	6	Fuel Stick Date	N/A
	1000-hr	11	Stick Age (Days)	N/A
88 NFDRS	1hr=10hr		Season Code =	
	KBDI	330	Greeness Factors - Herb = , Shrub =	

Del	Pri	ID	** 78 NFDRS Only ** HS	Herb Date	Greenup Date	88 sb	Slp	Grs	Cli	Herb FM	Woody FM	X-1000	Staffing Idx Breakpoints SI	DC	Low SI%	Low Val	High SI%	High Val
	1	7C	C	08-May-08	22-Apr-08		1	A	2	40	83	10	BI	5	90	51	97	62
	2	7G	C	08-May-08	22-Apr-08		1	A	2	40	83	10	EC	5	90	63	97	81

- HRB FM increases and is no longer equal to the 1H FM

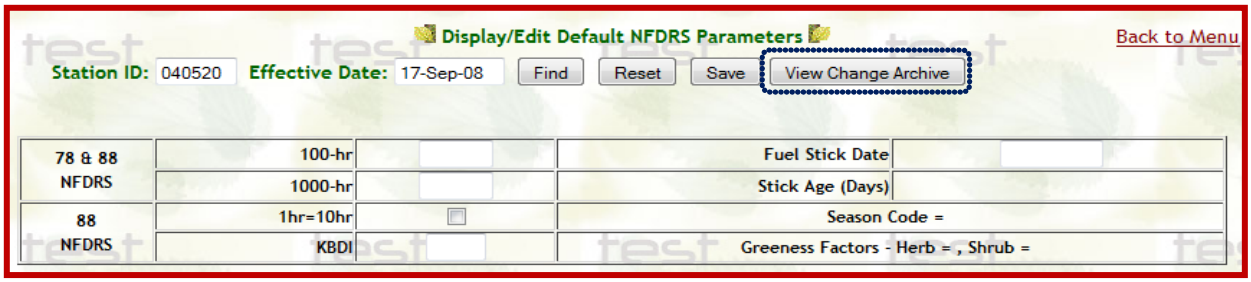
Looking at the DIDM report above also shows that the station cured on 08-MAY because the HRB FM dropped below 30 and is now equal to the 1H FM.

A look at the ENFDR also shows the cure. The HS has changed to C (cured) and the Herb Date is 08-MAY.

There are a number of situations where users may need to Recalculate NFDRS outputs.

- Station has been off line and not transmitting
- After going back and entering daily observations that were previously missed.
- To correct flawed outputs due to incorrect model management.
- Making edits to the NFDRS parameters to dates in the past.

Users that feel they have problems with their NFDRS outputs (indices, components or fuel moistures) should first take a look at the stations observations to be sure the input data is not the problem. Running a DIDM form will help diagnose any model problem/glitches. One other



Display/Edit Default NFDRS Parameters

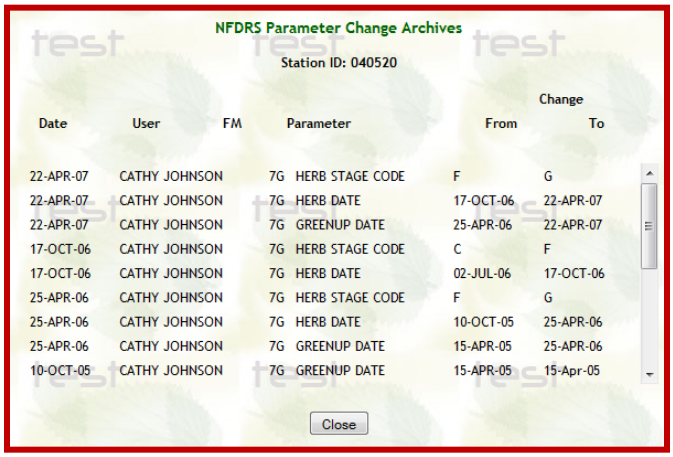
Back to Menu

Station ID: 040520 Effective Date: 17-Sep-08 Find Reset Save View Change Archive

78 & 88 NFDRS	100-hr		Fuel Stick Date	
	1000-hr		Stick Age (Days)	
88 NFDRS	1hr=10hr		Season Code =	
	KBDI		Greeness Factors - Herb = , Shrub =	

tool is on the ENFDR screen – the View Change Archive button.

Selecting "View Change Archive" after entering the Station ID will open the NFDRS Parameter Change Archives window.



NFDRS Parameter Change Archives

Station ID: 040520

Date	User	FM	Parameter	Change From	Change To
22-APR-07	CATHY JOHNSON	7G	HERB STAGE CODE	F	G
22-APR-07	CATHY JOHNSON	7G	HERB DATE	17-OCT-06	22-APR-07
22-APR-07	CATHY JOHNSON	7G	GREENUP DATE	25-APR-06	22-APR-07
17-OCT-06	CATHY JOHNSON	7G	HERB STAGE CODE	C	F
17-OCT-06	CATHY JOHNSON	7G	HERB DATE	02-JUL-06	17-OCT-06
25-APR-06	CATHY JOHNSON	7G	HERB STAGE CODE	F	G
25-APR-06	CATHY JOHNSON	7G	HERB DATE	10-OCT-05	25-APR-06
25-APR-06	CATHY JOHNSON	7G	GREENUP DATE	15-APR-05	25-APR-06
10-OCT-05	CATHY JOHNSON	7G	GREENUP DATE	15-APR-05	15-Apr-05

Close

Window displays all changes to the model parameters by Date, User, FM (Fuel Model), Parameter and the Change From and To. This screen can be a valuable diagnosis tool.