#### Introduction

The Fire Regime Condition Class (FRCC) Software Application (FRCCSA) is a tool that facilitates non-spatial FRCC assessments based on the Standard Landscape Worksheet Method as detailed in the FRCC Guidebook (located at <u>www.frcc.gov</u>). This NIFTT-designed tool provides an efficient and convenient automated way to conduct data entry and subsequent analysis instead of using paper data forms and conducting manual FRCC computations.

This tutorial explains how to install the FRCCSA and conduct a hypothetical Landscape assessment. This simple overview will cover basic functionality and will just briefly mention advanced features. For a complete explanation of FRCCSA capabilities, please refer to the FRCCSA User's Guide (located at <u>www.frcc.gov</u>) after completing this tutorial.

#### Prerequisites

First, please ensure that your computer contains Microsoft Access 2000 or a later version as FRCCSA uses it for data management. Also note that if you have previous data created with FRCCSA version 1.3.2.4, you can import those data into version 3.0.3.0 (refer to the FRCCSA User's Guide for detailed information). After doing so, you must then uninstall any older versions of FRCCSA and any associated Desktop shortcuts.

#### **Installing the Software**

Use the following steps to install the FRCC Software Application version 3.0.3.0:

- Download the installation file from the FRCC website at <u>www.frcc.gov</u>. First, click on Tools and User Documents in the FRCC Resources section. Then click on the FRCCSA link on the bottom-right side of the subsequent page.
- 2. When prompted to open or save the file, choose *Save* and store the download folder in the directory of your choice.
- 3. Once the initial download is complete, you'll need to extract all data from the downloaded compressed folder. To do so, right-click on the downloaded folder and select *Extract All* or *Extract to Here*, depending on which Windows version is installed on your machine.
- 4. Note that Java Runtime Environment (JRE) must be installed on your computer before you can run the FRCCSA. To verify, click *Start* > *Control Panel* > *Add or Remove Programs*, and look for one of the following programs:

🐻 Add or Re	move Programs			
	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	*
Change or			5128	73.24MD
Programs	👘 hp deskjet 3420 series (Remove only)		Size	1.21MB
_	🖇 HP Integrated Module with Bluetooth wireless technology		Size	17.29MB
<u></u>	HP Mobile Data Protection System		Size	0.72MB
Add <u>N</u> ew Programs	🐘 HP Quick Launch Buttons 6.40 B2		Size	27.70MB
	🙀 Intel(R) Active Management Technology Device Software			
6	Intel(R) PRO Network Connections Drivers			
Add/Remove	👙 J2SE Runtime Environment 5.0 Update 11		Size	153.00MB
<u>W</u> indows Components	👙 J2SE Runtime Environment 5.0 Update 14		Size	153.00MB
-	🕌 Java(TM) 6 Lindate 16		Size	97.66MB
	🚳 Java(TM) 6 Update 20		Size	97.66MB
Set Pr <u>o</u> gram Access and	🔂 LANDFIRE Data Access Tool		Size	22.86MB 💻
Defaults	EiveUpdate 3.2 (Symantec Corporation)		Size	10.06MB
	🛑 Lotus Notes 7.0.3		Size	307.00MB
	🚜 Microsoft .NET Framework 1.1			
	🔀 Microsoft .NET Framework 1.1 Hotfix (KB928366)			
	🕞 Microsoft .NET Framework 2.0 Service Pack 1		Size	186.00MB
	🕞 Microsoft .NET Framework 3.0 Service Pack 1		Size	245.00MB
	Microsoft NET Example 2 E		~	or 4000 💟

If you don't see such a program in the list, navigate to your FRCCSA installation file, doubleclick on jre-6u16-windows-i586-s.exe, and choose *Run* to install the JRE.

- 5. Double-click the setup.exe file in the FRCCSA installation folder. You may receive a warning that the file is an executable file. Click OK to continue the installation. Next, you may receive the following warning: The publisher could not be verified. Are you sure you want to run this software? Select Run, then, if necessary, click Accept on the Microsoft .NET Framework 3.5 license agreement. Continue following the next several promptings, by repeatedly clicking Next, to complete the FRCCSA installation.
- 6. (*Note*: If you are installing this software from an administrator account but planning to access it from a standard user account, you must customize your computer's security settings as described in Appendix A of the FRCCSA User's Guide).

#### **Running the Software**

Next you'll learn how to operate FRCCSA. In this tutorial, you will create an example FRCC Landscape, and you'll review some pre-existing data that come with the software. To begin, double-click on the FRCCSA icon that was automatically installed on your Desktop during the setup process:



(Or, open the software by clicking the Windows *Start* button and then selecting *All Programs* - *Fire Regime Condition Class* - *FRCC Software Application 3.0.3.0.*)

You should now see the dark brown *FRCC Landscape Worksheet* on your screen, with the *Landscape Data* tab activated. Notice that the worksheet already contains some example FRCC Landscape data (discussed below). Before examining this page, however, please turn your attention to the user interface controls at the top of the main software page. These controls are labeled *Forms, Landscape Summaries,* and *Import,* as shown below.

🍝 Fire	Regime Condition Class	Software Ap
Forms	Landscape Summaries	Import
	RCC Landscape Workshe	et

Click on the *Forms* option to display the drop-down menu. In this menu, the *FRCC Landscape Worksheet* option lets you open another *FRCC Landscape Worksheet* (which is useful if you happen to accidentally close the software during this tutorial). Next, the *Code List Maintenance* option allows the user to edit some of the codes used by the software. And finally, the *Exit* button can be used for closing the software.

Now simply slide your cursor to the right without clicking to activate the *Landscape Summaries* drop-down menu. This menu allows you to compile Multi-Landscape Summaries and Global Summaries of FRCC results in the software's database.

Next, slide your cursor to the right to display the *Import* menu. This option allows you to load previously created FRCC Landscapes into the software.

Now use the same cursor techniques to quickly review the three controls located beneath the *FRCC Landscape Worksheet* heading:

F	RCC Landsca	pe Worksheet 🦉
File	<u>L</u> andscape	<u>S</u> tratum
Lan	decano Data	Stratum EDCC

As you can see, the *File*, *Landscape*, and *Stratum* buttons are used for such common file management tasks as Saving, Deleting, Copying, and more.

Next, click on the *Landscape List* button on the upper-left side of the *FRCC Landscape Worksheet*. Doing so activates the *Landscape Navigation Form*, as shown below.

4	🕌 Fire Regime Condition Class Software Application - Version 3.0.3.0					
Ē	orms Land <u>s</u> cap	e Summaries	mport			
ſ	FRCC Landsca	ape Navigation Fo	orm		<b>⊳</b> ⊠	
	Lan	dscape Na	vigation Fo	orm		
	Name	Reg Code	Landscape Cod	e Char Date		1
	Blacks Creek	BIDB	BOI	06/11/2010		
	MT watershed	HAVL	MontFMU	06/28/2010		Data
	WYfmu3	HAVL	WYfmu	06/22/2010		
	Annalisa Creek	ITID	ANNACR	05/03/2010		
						Characterizat
L		View Re	port View I	andscape	Exit	3lacks Creek
	Latitude: 43	3.000000	Longitude: 112	2.000000	Datum:	WGS84 🔻

Notice that four example Landscapes come with the software installation package to facilitate user learning. In the future, you can review any Landscape by highlighting it in the list and then clicking on the *View Report* or *View Landscape* buttons. We won't explore that process at this point because you'll learn how to create your own FRCC Landscape in a moment. So please click the *Exit* button (or the **X** icon in the upper-right corner of the dialog box) to return to the *Landscape Data* form.

(*Note:* For more information about any of the above features, please consult the FRCCSA User's Guide after completing this tutorial).

**Creating an FRCC Landscape.** Now you're ready to create your own hypothetical Landscape. First you'll complete a new *Landscape Data* page (or "form"). Then you'll create three *Stratum FRCC Inputs* pages for that Landscape. And lastly, you'll generate the FRCC results with the *Report* function.

**Landscape Inputs.** Click on *New Landscape* button on the upper right to activate a blank page. Notice that some of the data fields have blue-colored labels, whereas other fields are labeled in black. The blue-colored fields represent required data, without which the software cannot generate any FRCC outputs. (Also note that warning messages will alert whenever required data are missing or incomplete).

Please complete your *Landscape Data* page by entering the data shown in the following graphic. Work sequentially from top to bottom, typing the data directly into each field and selecting from the drop-down menus as required. (Any mistakes can be edited by highlighting the field and re-typing or by re-selecting from the drop-down menus).

🕌 Fire Regime Condition Class Software Application - Version 3.0.3.0
<u>F</u> orms Land <u>s</u> cape Summaries <u>I</u> mport
FRCC Landscape Worksheet
File Landscape Stratum
Landscape Data Stratum FRCC Inputs Additional Stratum Information
Landscape Data
Landscape List New Landscape
Registration Code:     BCCFO     Landscape Code:     TUTOR1     Characterization Date:     9/30/2010
Examiner: myemail@server.net Landscape Name: TUTORIAL CREEK Area: 100,000 Acres 💌
Latitude: 48.120100 Longitude: 114.185400 Datum: WGS84 🔽
Current Photo: Browse View Date:
Reference Photo: Browse View Date:
Comment: THIS IS MY TUTORIAL LANDSCAPE
Report Summary Save Exit

For this tutorial, you did not complete the data fields that document current and reference (historical) photographs. Although those data aren't required, note that the *Browse* button can be used for navigating to and selecting representative photographs that you have previously stored on your computer.

In a moment, you will click the *Save* button to save your work. But be aware that the following warning will alert you to the fact that your data entries are incomplete:

:



So click the *Save* button now, and then click *Yes* to save your work and return to the Landscape form.

(*Note*: Similar warnings will occur if the *Report* or *Summary* buttons are likewise activated before all required data have been entered.)

**Stratum Inputs.** To create the first Stratum, click on the *Stratum FRCC Inputs* tab near the top of the dark brown form.

È	rife Regime condition class software application - version 5.0.5.0
<u>F</u> o	rms Land <u>s</u> cape Summaries <u>I</u> mport
	FRCC Landscape Worksheet
	<u>File L</u> andscape <u>Stratum</u>
	Landscape Data Stratum FRCC Inputs Additional Stratum Information
	Stratum FRCC Inp

Before entering the data shown below, please consider the following software elements. First, required fields are again labeled in blue. Also notice the three buttons on the upper-right side of the page. These controls are used for creating new strata pages, and for reviewing any stratum pages that have already been created.

Creek			
of 3	Create New Stratum	Review Previous Stratum	Review Next Stratum

Next observe the yellow-colored fields in the center and lower-left portions of the page. These fields automatically track the values entered for each Stratum's percent of the total Landscape, and the values entered for each Succession Class's cumulative percent of the Stratum. Those fields will display red text with a yellow background until the values total 100 percent, after which the color scheme will change to black text with a gray background.

Now you're almost ready to begin entering data for Stratum 1. The following graphic shows the applicable data, but first consider these key points:

- For the *BpS Source* field, you'll accept the suggested default choice, which is the LANDFIRE National set of reference condition models; however, feel free to activate the drop-down list to examine the other choices offered by that menu.
- For the *Zone* data field, you'll select "19" (which represents a LANDFIRE mapping zone in the Northern Rocky Mountains).
- For the *Biophysical Setting* field, you'll use the drop-down menu to select the BpS model code that is shown in the graphic below; also note that the model's descriptive name will display next to the drop-down menu when you make your selection.
- Once you enter the BpS model code, the software will automatically populate the *Reference Frequency* and *Reference Severity* data fields.
- Similarly, the software will automatically populate the *Ref* % column in the succession classes table.
- Therefore, you will enter only the values for the following data fields: *Composition (%), Current Frequency, Current Severity,* and *Cur %.*

Please complete your Stratum 1 page using the data shown below.

<mark>≝ Fire Regime Conc</mark> <u>F</u> orms Land <u>s</u> cape S	<mark>lition Class So</mark> ummaries <u>I</u> n	ftware Ap 1port	plication - Vers	ion 3.0.3.0			
	ne Markeheet						
File Landscape	pe worksneet Stratum						
	Stratum FR	CC Inputs	Additional Stra	tum Information			
Stratum FRCC Inputs							
Landscape Name	e: TUTORIAL C	REEK					
Stratum No: 1	1 of 1	Creat	e New Stratum	Review Previous	s Stratum	Review Next Str	atum
BpS Source:	ANDFIRE Nation	nal 🔻	Zone 19 🔻	]			
Biophysical Setti	ng: 1910800	▼ Inte	r-Mountain Basi	ns Big Sagebrush Shr	ubland		
Composition (%):	60 <b>To</b>	tal Compos	ition: 60				
Reference Frequ	ency: 80	Current	Frequency: 100				
Reference Sever	ity: 100	Current 9	Severity: 100				
Succession Clas	s Data						
	Code Ref%	Cur %					
Perc Total:	20	10					
Ref 100 C	50	65					
Cur 100 E	0	0					
U	0	20					
					Report	Summary	Save Exit

Notice that the color scheme of the percent total fields on the lower-left side changed from red text with a yellow background to a black-and-gray scheme when the succession class entries totaled 100 percent of the Stratum, as shown below:

Reference Se	erence Severity:		Curr
Succession (	lass Data		
$\frown$	Code	Ref %	Cur %
and the second	A	20	5
Perc Total:	B	30	10
Ref 100	C	50	65
and a second	D	0	0
Cur 100	E	0	0
	U	0	20

Conversely, the *Total Composition* field in the middle of the page retains the red/yellow scheme until your three Strata total 100 percent of the Landscape:



Next, open the *Additional Stratum Information* page by clicking on that tab. You won't enter any data on this page during this tutorial, but please conduct a quick review of the various data elements as described below.

First, the software contains a lookup function that allows you to automatically search for and record plant species for your stratum. This tool can quickly perform searches of the approximately 80,000 species-long list that is maintained by the USDA Natural Resources Conservation Service. Please activate the tool by clicking on any *Species* button in the white table (and note that the tool's dialog box may take a few seconds to load).

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Ē	FRCC NRCS Species Lookup						
7	NRCS Species Lookup						
Ē							h
	Code:	ABAB	<	>	Build	Query	S
	1.56-6	Quile e le vuile					а
	Lifeform:	aunieaue					57
	Scientif Name:	Abutilon abuti	loides				1-1
	Comm Name: shrubby Indian mallow						
		🗌 Add to My	Specie	s List			L
	Species 1 of 82071 Exit w/ Species Exit						c

Please click the *Exit* button to return to the main page.

Next examine the fields that can be used for describing any Uncharacteristic succession classes in the stratum. For example, click anywhere in the *SClass* field to activate its drop-down menu.



Now place your cursor over any uncharacteristic code without clicking. Notice that the associated descriptive label appears on the right. (*Note*: If you mistakenly clicked on one of the codes, cancel the selection by reactivating the drop-down menu and clicking on the "blank" choice at the top).

Please return to the *Stratum FRCC Inputs* page by clicking on its tab once again. Click the *Create New Stratum* button and enter the following data for Stratum 2:

Fire Regime Condition Class Software Application - Version Forms Landscape Summaries Import	3.0.3.0						
EPCC Landecano Workehoot			<u> </u>				
File Landscape Stratum							
Landscape Data Stratum FRCC Inputs Additional Stratum Information							
Stratum FRCC Inputs							
Landscape Name: TUTORIAL CREEK							
Stratum No: 2 2 of 2 Create New Stratum	Review Previous Stratum	Review Next Stratum					
BpS Source: LANDFIRE National 💌 Zone 19 💌							
Biophysical Setting: 1911661 💌 Middle Rocky Mountain	Montane Douglas-fir Forest and	Woodland					
Composition (%): <u>30</u> Total Composition: <u>90</u>							
Reference Frequency:     31     Current Frequency:     100							
Reference Severity: 42 Current Severity: 75							
Succession Class Data							
Code   Ref %   Cur %     A   20   5     B   15   35     Ref 100   C   30   5     D   20   10     Cur 100   E   15   45     U   0   0							
	Report	Summary Save	Exit				

Notice that the *Total Composition* field now shows that your two strata account for 90 percent of the Landscape. So the red/yellow color scheme remains until the value reaches 100 percent.

Now create Stratum 3 as shown, using the same sequence of steps used for the first two strata.

Fire Regime Condition Class Software Application - Version orms Land <u>s</u> cape Summaries <u>I</u> mport	n 3.0.3.0						
FRCC Landscape Worksheet		, r					
File Landscape Stratum							
Landscape Data Stratum FRCC Inputs Additional Stratum Information							
Stratum FRCC Inputs							
Landscape Name: TUTORIAL CREEK							
Stratum No: 3 3 of 3 Create New Stratum	Review Previous Stratum	Review Next Stratum					
BpS Source: LANDFIRE National ▼ Zone 19 ▼ Biophysical Setting: 1911390 ▼ Northern Rocky Mount	ain Lower Montane-Foothill-Valle	y Grassland					
Composition (%): 10 Total Composition: 100 Reference Frequency: 17 Current Frequency: 50							
Reference Severity: 100 Current Severity: 100	1						
Succession Class Data							
Code     Ref %     Cur %       A     5     5       Perc Total:     B     25     20       Ref 100     C     70     55       D     0     0     0       Cur 100     E     0     0							
	Report	Summary Save Exit					

All required data have now been entered for your Landscape. Before proceeding, please check your data entries as follows. First, verify that your strata occupy 100 percent of the Landscape (*Total Composition* field, black/gray color scheme). Then check your data entries against those shown in the graphic above. Similarly, check your Strata 1 and 2 entries by using the *Review Previous Stratum* and *Review Next Stratum* buttons.

Now you're ready to generate the FRCC Report as described below.

(*Note*: The software will automatically save your Landscape upon clicking the *Report* button. But remember to use the *Save* button if you need to close the software beforehand.)

**Generating the FRCC Outputs**. In this final section, you'll generate and review the results for your hypothetical Landscape. Bear in mind that the goal of this tutorial is to provide

simply a brief introduction to the software. So, you can quickly scan the major elements of the report without critically evaluating the outputs.

Click the *Report* button on the bottom-right side of your *FRCC Landscape Worksheet*. The first page provides an overview for the Landscape and for the Strata. Notice that some data fields are blank because you didn't fill out any *Additional Stratum Information* pages during this tutorial. Conversely, the software automatically filled in the codes for the lifeforms and plant species when you selected the BpS models.

					Fire	Reg	ime (	Condi	tion Cla	SS				vei	sion 3.0	.3.0
						Lar	ndsca	ape R	eport							
								•	•							
Lan	dsca	pe														
Regis	tration	Code: BCC/	FO	La	ndscape Co	de: TU1	OR1	CH	aracterizatio	n Date: O	9/30/2	010				
Eхап	iner: m	yemail@se	rver.net		Landscap	e Nam	e: TUTC	RIAL CR	EEK	Are	a: 100	000 A	cres			
Lat: 4	8.1201	00 Lon:	114.1854	00 D.a	tum: WGS8	4										
Comi	nent: T	HIS IS MY	TUTORIAL	LANDS	CAPE											
		A AL CANA	tifi o sti o	on 🛛			Class	Insol	Bevration	Stratum Comp	Rof	Curr	Rof	Curr	Strata	Strata
Bio	ohysi	cai stra	uncauc	Snacias		l and-					ner	- Court	ner	- Court	otrata	otrata
<b>Bio</b> Num	b <b>hysi</b> Life- form	BpS		Species		Land- form	Class	Class	Low High	(%)	Freq	Freq	Sev	Sev	Depart	FRCC
Bio Num 1	SU	BpS 1910800	ARTRWA	Species BARTRT	ERNA10	Land- form	Class	Class	Low High	(%) 60	Freq 80	Freq 100	Sev 100	Sev 100	Depart 23	FRCC 1
<b>Bio</b> Num 1 2	SU CF	Cai Stra BpS 1910800 1911661	ARTRWA	Species BARTRT PICO	ERNA10 PIFL	Land- form	Class	Class	Low High	(%) 60 30	Freq 80 31	Freq 100 100	Sev 100 42	Sev 100 75	Depart 23 53	FRCC 1 2
<b>Bio</b> Num 1 2 3	SU CF HU	BpS 1910800 1911661 1911390	ARTRWA	Species BARTRT PICO FEID	ERNA10 PIFL FECA4	Land- form	Class	Class	Low High	(%) 60 30 10	Freq 80 31 17	Freq 100 100 50	Sev 100 42 100	Sev 100 75 100	Depart 23 53 27	FRCC 1 2 1

Now scroll down to review the next three pages, which show more-detailed Stratum results. That is, each page shows the data entered on the *Stratum FRCC Inputs* and *Additional Stratum Information* pages. Also notice that the bottom of each page shows the outcomes for the vegetation variables, for the fire regime variables, and for the entire stratum, as shown in the example below:

Fire	Regime Co	onution	5.400 Lu	nascupe	Report :											<u> </u>
ile																
Fire Regime Condition Class Landscape Report - Stratum Data																
Registration Code: BCCFO Landscape Code: TUTOR1 Characterization Date: 09/30/2010																
- Stratur	n Num: 1 B	Biophysica <sup>l</sup>	l Setting: ·	1910800	Stra	tum Nan	ne: Inte	r-Mour	itain Ba	sins Bi	g Sageb	rush Shrubland	1			
Stratum Composition (% of area): 60				BpS	BpS Lifeform: SU Landform:					Avg Slope Class:			Insol Class:			
Stratur	n Area: 6000	00 Acres			Spe	Species: ARTRW8 ARTRT ERNA10 Low Elev					vation: High Elevation:					
Refere	nce Frequen	ncy: 80 - Ci	urrent Free	quency: 10/	0 Lati	tude:		I	_ongitua	de:		Datum: WGS84				
Refere	nce Severity:	/: 100 Curr	rent Sever	ity: 100	Ref	erence C	omposi	ition S	ource: D	>	Current	Composition S	Source:	R		
Comments:																
Comm	ents:															
Comm <b>Succ</b> Code	ents: :ession C Upper Layer f Lifeform S	Classes Majority Size	; 	Dominant S	ôpecies		Ref Comp	Curr Comp	Acres	Sim	Diff	Relative Amount	Stand FRCC	Stand Depart	S-Class Acres from Reference	Departed
Comm Gucc Code	ents: Cession C Upper Layer M Lifeform S HERB N	Classes Majority Size	;  LECI4	Dominant S	Species HEC 026	PSSP6	Ref Comp 20	Curr Comp 5	Acres 3000	Sim 5	Diff -75	Relative Amount TRACE	Stand FRCC	Stand Depart 0	S-Class Acres from Reference -9000	Departed
Comm Gucc Code	ents: Constant Constant Upper Layer M Lifeform S HERB N SHRB N	Classes Majority Size INNN INNN	LECI4 ARTRT	Dominant S ELTR7 ARTRW8	Species HEC 026 PSSP6	PSSP6 LECI4	Ref Comp 20 30	Curr Comp 5 10	Acres 3000 6000	Sim 5 10	Diff -75 -67	Relative Amount TRACE TRACE	Stand FRCC 1	Stand Depart O	S-Class Acres from Reference -9000 -12000	Departed
Comm Gucc Code	ents: ents: Upper Layer t Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HEC 026 PSSP6 ARTRW8	PSSP6 LEC14 PSSP6	Ref Comp 20 30 50	Curr Comp 5 10 65	Acres 3000 6000 39000	Sim 5 10 50	Diff -75 -67 23	Relative Amount TRACE TRACE 0VER REP	Stand FRCC 1 1 2	Stand Depart 0 23	S-Class Aores from Reference -9000 -12000 9000	Departed ee
Comm Gucc Code	ents: Upper Layer f Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HEC 026 PSSP6 ARTRW8	PSSP6 LECI4 PSSP6	Ref Comp 20 30 50 0	Curr Comp 5 10 65 0	Acres 3000 6000 39000 0	Sim 5 10 50 0	Diff -75 -67 23 N/A	Relative Amount TRACE TRACE OVER REP	Stand FRCC 1 1 2	Stand Depart 0 23	S-Class Acres from Reference -9000 -12000 9000 0	Departed e
Succ Succ Code A B C D E	ents: Upper Layer 1 Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HEC026 PSSP6 ARTRW8	PSSP6 LECI4 PSSP6	Ref Comp 20 30 50 0	Curr Comp 5 10 65 0	Acres 3000 6000 39000 0 0	Sim 5 10 50 0	Diff -75 -67 23 N/A N/A	Relative Amount TRACE TRACE OVER REP	Stand FRCC 1 1 2	Stand Depart 0 23	S-Class Acres from Reference -9000 -12000 9000 0 0	Departed Se
Comm Succ Code A B C D E U	ents: Upper Layer t Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HEC 026 PS SP6 ARTRW8	PSSP6 LECI4 PSSP6	Ref Comp 20 30 50 0 0 0	Curr Comp 5 10 65 0 0 20	Acres 3000 6000 39000 0 12000	Sim 5 10 50 0 0	Diff -75 -67 23 N/A N/A 100	Relative Amount TRACE TRACE OVER REP ABUNDANT	Stand FRCC 1 1 2 3	Stand Depart 0 23 100	S-Class Acres from Reference -9000 -12000 9000 0 0 12000	Departed
Somm Succ Code A 3 5 5 5 5 5 5	ents: Upper Layer 1 Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HECO26 PSSP6 ARTRW8	PSSP6 LEC14 PSSP6 Total	Ref Comp 20 30 50 0 0 0 100	Curr Comp 5 10 65 0 20 20	Acres 3000 6000 39000 0 12000	Sim 5 10 50 0 0 0 65	Diff -75 -67 23 N/A N/A 100	Relative Amount TRACE TRACE OVER REP ABUNDANT	Stand FRCC 1 1 2 3	Stand Depart 0 23 100	S-Class Acres from Reference -9000 -12000 9000 0 0 12000	Departed e 
Gucc Gode A ) C ) S ) S ) S ) S ) S ) S (Somm	ents: Upper Layer 1 Lifeform S HERB N SHRB N SHRB N	Classes Majority Size NNNN NNNN NNNN NNNN	LECI4 ARTRT ARTRT	Dominant S ELTR7 ARTRW8 POSE	Species HEC 026 PSSP6 ARTRW8 Stratur	PSSP6 LECI4 PSSP6 Total n Fire Fre	Ref Comp 20 30 50 0 0 0 100 rquency	Curr Comp 5 10 65 0 20 20 100 Departo	Acres 3000 6000 39000 0 12000 ure: 20	Sim 5 10 50 0 0 0 65	Diff -75 -67 23 N/A N/A 100	Relative Amount TRACE TRACE OVER REP ABUNDANT	Stand FRCC 1 1 2 3 eparture:	Stand Depart 0 23 100	S-Class Acres from Reference -9000 -12000 9000 0 0 12000	Departed :e 
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After reviewing your three Stratum pages, please scroll to the *Reference Fire Regime Summary*. Notice that this page shows the fire regime traits for each stratum in both tabular and graphic formats. For example, the software automatically plots the reference frequency and severity data by inputting bold black numbers to represent each stratum.



Next examine the FRCC Summary page, which shows the departures for each stratum and for the entire Landscape. Also notice the applicable condition classes on the far-right side of the graph:



Now scroll to the next page. This table shows the FRCC acreages based on the percent composition values that you input for each Stratum:

Fire Regime Condition Class Landscape Report

#### File

FRCC Landscape Report for TUTORIAL CREEK									
Biophysical Setting	FRG (I-V)	Condition Class 1	Condition Class 2	Condition Class 3	Total Acres				
(BpS Code)		(Acres)	(Acres)	(Acres)					
Inter-Mountain Basins Big Sagebrus (1910800)	IV	9000	39000	12000	60000				
Middle Rocky Mountain Montane Doug(1911661)	I	6000	24000	0	30000				
Northern Rocky Mountain Lower Mont (1911390)	=	8000	0	2000	10000				
Total Acres		23000	63000	14000	100000				

# And finally, the last portion of the Report shows all of the data codes for your Landscape:

🛅 Fire	Regime Condition Class Landscape Report		et 🖸	X
File				
	Fire Regime Condit Landscape Report - Co	ion Clas de Surr	ss Imary	
Stratur	n Biophysical Land Unit/BoS)	Species		
19108	00 Inter-Mountain Basins Big Sagebrush Shrubland	LECI4	Levmus cinereus (basin wildrve)	
19116	51 Middle Rocky Mountain Montane Douglas-fir Forest and Woodland	ELTR7	Elymus trachycaulus (slender wheatgrass)	
19113	90 Northern Rocky Mountain Lower Montane-Foothill-Valley Grassland	HECO26	Hesperostipa comata (needle and thread)	
		PSSP6	Pseudoroegneria spicata (bluebunch wheatgrass)	
Lifefor	ms	ARTRT	Artemisia tridentata ssp. tridentata (basin big sagebrush)	
su	Shrub dominated upland Sagebrush, bitterbrush	ARTRW8	Artemisia tridentata ssp. wyomingensis 🛛 (Wyoming big sagebrush)	
CF	Coniferous upland forest Pine, spruce, hemlock	POSE	Poa secunda (Sandberg bluegrass)	
ни	Herbaceous dominated upland grasslands, bunchgrass	PSME	Pseudotsuga menziesii (Douglas-fir)	
		PICO	Pinus contorta (lodgepole pine)	
Landfo	ım	PIFL	Pieris floribunda (mountain fetterbush)	
		CARU	Calamagrostis rubescens (pinegrass)	
		KOCR	Koeleria cristata (Koeleria cristata)	
Averag	le Slope	POSA	Poa saltuensis (oldpasture bluegrass)	
		STCO	Stachys coccinea (scarlet hedgenettle)	
		FEID	Festuca idahoensis (Idaho fescue)	
Refere	nce Composition Source			
D	coarse-scale default values from lit. review/modeling workshops	Size		
		NNNN	Does not fit any category, Unable to Asses	=
Curren	t Composition Source	SAPL	Sapling - Trees that are greater than 4.5 feet (1.37 meters) tall	
R	walk through and visual estimate	MEDM	Medium - Trees that are greater than 9 in (23 cm) DBH and less th	
		VLAR	Very large - Trees that are greater than 33 in (83 cm) DBH	
Insolat	ion Class			

When you're finished examining the Report, you can close the software and automatically save your Landscape by clicking the X icon in the upper-right corner of the main page:



#### Conclusion

Today you learned how to create a basic FRCC assessment with the FRCC Software Application, and you learned about the software's diverse functionality. Although this tutorial did not cover advanced features such as the Multi-Landscape and Global Summary functions, we encourage you to explore those software elements after reading the FRCCsA User's Guide and conducting additional practice assessments on your own.

#### **Additional Help**

Please refer to <u>www.frcc.gov</u> and the FRCCsA User's Guide for more information about the FRCC Software Application. Also, questions about the software and about general FRCC methods can be sent to the FRCC helpdesk at <u>helpdesk@frcc.gov</u>