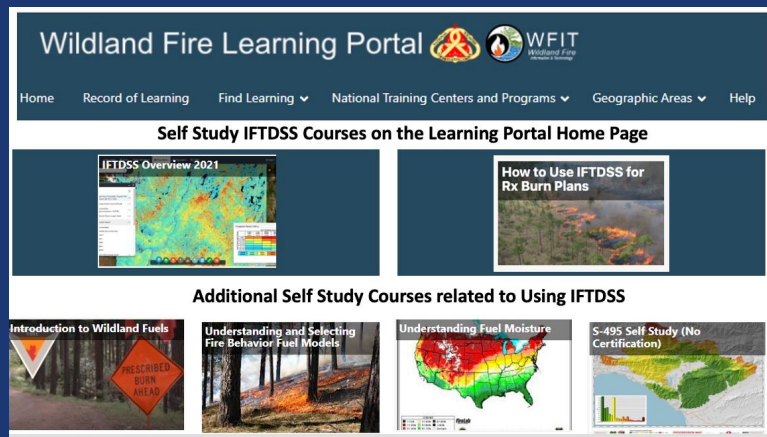# IFTDSS

Welcome to IFTDSS

The Interagency Fuel Treatment Decision Support System

Check out this free online course!

IFTDSS for Prescribed Fire Plans course is available anytime on the Wildland Fire Learning Portal.

[**Course**]

Self-enroll now

You can enroll yourself in this on-demand online course once you enter the Wildland Fire Learning Portal. Select "How to Use IFTDSS for Rx Burn Plans" on the righthand side.
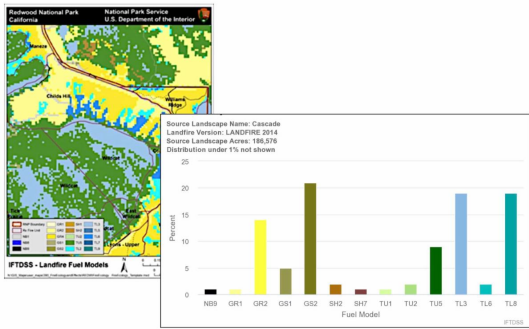
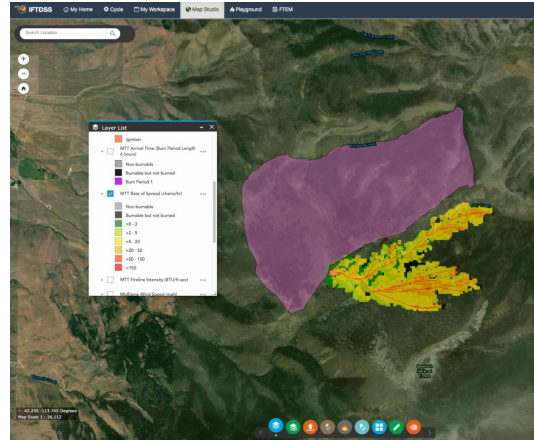[**Course**]

Learn to use IFTDSS for Burn Plans

- Use spatial modeling and include visuals in your plan
- Element 4: Describe your Burn Unit with IFTDSS reports and fuel model data from LANDFIRE
- Element 7: Build your prescription by using IFTDSS Compare Weather/Fire Behavior

Description of the Fire Area

Holding and Contingency Plan

Pending Compare Selections

1. Cyrus_LOW_END_live_high
2. Cyrus_DESIRED_live_high
3. Cyrus_HIGH_END_live_high

LOW   **DESIRED**   **HIGH**

Select Layer to Display
Flame Length (feet)

Zoom to AOI
CyrusHill1053

Legend:
- >25
- >11 - 25
- >8 - 11
- >4 - 8
- >1 - 4
- >0 -1
- Non-burnable

Model Output	Cyrus_LOW_END_live_high	Cyrus_DESIRED_live_high	Cyrus_HIGH_END_live_high
Model Type		Landscape Fire Behavior (Basic)	
Landscape		cyrus2014_SH5_GR2_LCP	
LANDFIRE Version		LANDFIRE 2014	
Wind Type		Gridded Winds	
Wind Speed (mph)	2	10	10
Wind Direction (deg)		270	
Crown Fire Method		Scott/Reinhardt	
Foliar Moisture Content (%)		100	
1 hr Fuel Moisture (%)	10	7	5
10 hr Fuel Moisture (%)	13	10	8
100 hr Fuel Moisture (%)	16	13	11
Herbaceous Fuel Moisture (%)	120	100	80
Woody Fuel Moisture (%)	140	120	100
Fuel Moisture Conditioning		Off - initial fuel moisture used	
Conditioning Period		N/A	

View on Map

Save Compare Weather Selections

Compare Weather Name | Save | Clear Form

IFTDSS has unique fuels planning functionality found nowhere else!

Want to see where high flame lengths may cause RX planning problems?

VISUALIZE FIRE BEHAVIOR ON THE MAP!

Landscape Fire Behavior in IFTDSS allows users to see all the same outputs you get from BEHAVE directly on the Map! Perfect for use in burn plans and other planning documents. Need to write a contingency plan or a holding plan? Use the fire behavior function to view flame lengths, rate of spread and fireline intensity to show where problem areas could

occur and where additional resources may be needed.

Upload your own local values and resource polygons and point data to further inform your plan!

IFTDSS.FireNet.gov