

2020 WFDSS Geospatial Data Refresh Plan

Data Layer	Update Cycle	Planned WFDSS Update Month	Data Source(s)
Base Layers			
WFDSS Topos	None Planned	N/A	WFDSS
Google Maps	Web Service	N/A	Google
Google Physical	Web Service	N/A	Google
USGS National Map Topo	Web Service	N/A	USGS
USGS National Map Imagery w/ labels	Web Service	N/A	USGS
USGS National Map Imagery /no labels	Web Service	N/A	USGS
Fire Related			
Incidents	Internal	N/A	WFDSS/IRWIN
Fires Since 1/1/2020	Internal	N/A	WFDSS
Active MODIS	Data Service	N/A	RSAC
VIIRS Fire Detection Data	Data Service	N/A	RSAC
RAWS Stations	Data Service	N/A	WIMS
Fire Wx Zones	See Website	As Available	NWS
Retardant Avoidance (USFS land only)	Scheduled Annual	April	USFS GSTC
BLM Management Requirements	Annual Avail. Check	None expected in 2020	BLM NOC
Estimated Ground Medevac Time	Annual Avail. Check	None expected in 2020	National Park Service
Disturbance History			
Historical Wildfires			
2019	Scheduled Annual	June	Interagency submissions / WFDSS
2017-2010	Scheduled Annual	June	Interagency submissions / WFDSS
2000-2009	Scheduled Annual	June	Interagency submissions / WFDSS
1990-1999	Scheduled Annual	June	Interagency submissions / WFDSS
1980-1989	Scheduled Annual	June	Interagency submissions / WFDSS
1979 & earlier	Scheduled Annual	June	Interagency submissions / WFDSS
Fuel Treatment Polygons	Scheduled Annual	June	Interagency services: FACTS, NFPORS
MTBS Burn Severity - Add 2018	Web Service	August	USDA Forest Service - Raster Data Warehouse
Boundaries			
FMUs / Strategic Objective Shapes	Scheduled Annual	See website	Interagency Submissions
Jurisdictional Agencies	Scheduled Biannual	March, November	USGS Gap Analysis Program / FGDC Fed Lands Working Group
Responsible Agencies	Scheduled Biannual	June	AK, CA, ID, MT, MN, NM
Alaska Jurisdictional Agencies	Scheduled Annual	May	BLM Alaska Fire Service / NPS
Federal Admin Areas			
BIA/Tribal	Scheduled Annual	April	BIA
BLM	Scheduled Annual	April	BLM
NPS	Scheduled Annual	February	NPS
USFS	Scheduled Annual	January	USFS
USFWS	Scheduled Annual	January	USFWS
TNC Lands	Scheduled Annual	January	TNC
Geographic Areas	Scheduled Annual	March	Predictive Services
Counties	Scheduled Annual	February	TIGER
Landscape Source	LANDFIRE Refresh Schedule	Shortly following a Landfire Release.	LANDFIRE
Designated Areas			
Wilderness	Scheduled Annual	April	Wilderness.net
Potential Wilderness			
Wilderness Study	Annual Avail. Check	September	USFS, BLM
Inventoried Roadless	Annual Avail. Check	September	USFS
Special			
National Recreation Areas	Scheduled Annual	September	USFS
Other Designated Areas	Scheduled Annual	September	BLM, USFS, USFWS
BLM			
Wild Horse and Burro herd Management Areas	Annual Avail. Check	April	BLM Landscape Approach Data Portal
Oil/Gas Leases	Annual Avail. Check	June	BLM Landscape Approach Data Portal
Grazing (Range) Allotments	Annual Avail. Check	April	BLM Landscape Approach Data Portal
Population			
Landscan Nighttime Population (new)	Scheduled Annual	June	HSIP / Oak Ridge National Lab
Infrastructure			
Facilities			
Building Clusters	Periodic	As data become available	FGDC Cadastral Subcommittee
BLM Buildings	Scheduled Annual	June	BLM NOC
NPS Buildings	Scheduled Annual	February	NPS-FMSS
USFS buildings	Scheduled Annual	February	USFS-INFRA
Mines	Scheduled Annual	February	HSIP

Campgrounds	Scheduled Annual	April	BLM/USFS
Communication			
Comm Towers	Scheduled Annual	February	FCC
Energy			
Power Plants	Scheduled Annual	June	HSIP
Electric Sub Stations	Scheduled Annual	June	HSIP
Transmission Lines	Scheduled Annual	June	HSIP
Oil/Gas Pipelines	Scheduled Annual	June	HSIP
Roads and Trails			
Roads	Annual Avail. Check	None expected in 2020	NavTeq/HSIP
National Scenic Byways	Annual Avail. Check	March	NPS
National Historic Trails	Annual Avail. Check	March	NPS
National Recreation Trails	Annual Avail. Check	March	NPS
National Scenic Trails	Annual Avail. Check	March	NPS
USFWS Trails	Scheduled Annual	June	USFWS
Natural and Cultural Resources		oads	
Air Quality			
Class I Airsheds	Annual Avail. Check	None expected in 2020	NPS - Air Resources Division
NAA Ozone	Annual Avail. Check	None expected in 2020	EPA
NAA Particulates	Annual Avail. Check	None expected in 2020	EPA
Critical Habitat T&E (polygons)	Scheduled Annual	February	USFWS
Critical Habitat T&E (lines)	Scheduled Annual	February	USFWS
Other Species			
Sage Grouse Habitat	Annual Avail. Check	June	BLM-NOC

Notes:

Scheduled Updates:

In general this refresh plan outlines the proposed refresh cycle of WFDSS data and every effort will be made to adhere as closely to it as possible. Throughout the course of the update cycle dates may shift in order to leverage personnel and financial resources appropriately. These changes may not be made to this document as they arise. To inquire about a specific data set please see the Questions/Comments section below.

Annual Availability Checks:

Much of the data included in WFDSS is compiled from external, authoritative sources. Some sources have irregular update cycles and updates may not be available each year. The WFM-RD&A data management staff regularly investigate the availability of data updates and are generally able to anticipate if a data layer will need refreshed. The data marked as "Annual Avail. Check" reflect those data that fall into this category and the "planned WFDSS Update Month" reflects whether an update is anticipated based on past experience.

Fire Management Unit (FMU)/Strategic Objective Shapes:

Updates to the WFDSS FMU/SO layer are managed by the Agency Leads on the WFDSS GIS Team. Updates to the national interagency layer are made on a regular basis as outlined in the WFDSS FMU Update Schedule. Six data updates have been scheduled for 2020. All data must adhere to the WFDSS FMU/SO Shape Geospatial Data Standard and should be submitted via Agency Leads on the WFDSS GIS Team.

WFDSS Data Information:

For information (including data downloads, FMU information, and the contact information for the members of the WFDSS GIS Team please visit:
http://wfdss.usgs.gov/wfdss/WFDSS_Data.shtml

Questions/Comments:

For questions about the current WFDSS Data Refresh Plan please contact:

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