

2024 WFDSS Geospatial Data Refresh Plan

Excludes basemaps and data updated in near real-time

Data Layer	Update Cycle	Planned WFDSS Update Month(s)	Data Source(s)	Priority Level
Fire Environment and Safety				
Estimated Ground Medevac Time	Annual Avail. Check	May	USFS, University of Utah	High
Aquatic and Terrestrial Retardant Avoidance (USFS land only)	Scheduled Annual	May	USFS - Enterprise Data Warehouse	
Alaska Fire Management Options	Annual Avail. Check	April	BLM, USFWS	High
BLM Management Requirements	Annual Avail. Check	April	BLM	High
Disturbance History				
Historical Wildfires				
2020-2023	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
2010-2019	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
2000-2009	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
1990-1999	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
1980-1989	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
1979 & earlier	Scheduled Annual	February, May	Interagency Submissions / WFDSS	High
Fuel Treatment Polygons	Scheduled Annual	January	Interagency Services: FACTS, NFPORS, IFPRS	High
MTBS Burn Severity	Scheduled Annual	April	USFS - Raster Data Warehouse	
Fire Weather and Danger				
Fire Weather Zones	Annual Avail. Check	April	NWS	
Boundaries				
Jurisdictional Agencies	Scheduled Annual	May	FGDC - Federal Lands Working Group	High
Alaska Jurisdictional Agencies	Scheduled Annual	May	BLM - Alaska Fire Service	High
Protecting Agencies	Scheduled Biannual	January, June	AK, CA, ID, MT, MN, NM	High
TNC Lands	Scheduled Annual	January	TNC	
Geographic Areas	Scheduled Annual	January, April	Predictive Services	High
Counties	Scheduled Annual	February	Census - TIGER	
Landscape Source (Landfire Zones)	LANDFIRE Refresh Schedule	As Available	LANDFIRE	
Federal Admin Areas				
BIA/Tribal	Scheduled Annual	February	BIA, Census - TIGER	
BLM	Scheduled Annual	January	BLM	
NPS	Scheduled Annual	January	NPS	
USFS	Scheduled Annual	January	USFS	
USFWS	Scheduled Annual	January	USFWS	
Designated Areas				
Wilderness	Scheduled Annual	July	Wilderness.net	
Other Designated Areas	Annual Avail. Check	August	USGS - PAD-US	
Potential Wilderness				
Wilderness Study Areas	Annual Avail. Check	August	USGS - PAD-US	High
Inventoried Roadless Areas	Annual Avail. Check	August	USGS - PAD-US	High
Special				
National Recreation Areas	Annual Avail. Check	August	USGS - PAD-US	
National Wild Scenic Rivers	Annual Avail. Check	July	USFS - Enterprise Data Warehouse	High
BLM				
Wild Horse and Burro Herd Management Areas	Annual Avail. Check	June	BLM - Geospatial Business Platform	High
Grazing (Range) Allotments	Annual Avail. Check	June	BLM - Geospatial Business Platform	
Population				
LandScan USA Population	Scheduled Annual	January	DHS - HIFLD, Oak Ridge National Lab	
Infrastructure				
Facilities				
Building Clusters	No Update Scheduled	No Update Scheduled	FGDC - Cadastral Subcommittee	
USA Structures	Scheduled Annual	February	DHS, FEMA, Oak Ridge National Lab	High
BLM Buildings	Scheduled Annual	February	BLM - National Operations Center	High
NPS Buildings	Scheduled Annual	February	NPS	
USFS Buildings	Scheduled Annual	February	USFS	
Mines	Scheduled Annual	February	DHS - HIFLD	High
Campgrounds	Scheduled Annual	August	BLM, USFS	
Communication				
Communication Towers	Scheduled Annual	April	FCC	High
Energy				
Power Plants	Scheduled Annual	May	DHS - HIFLD	
Electric Sub Stations	Scheduled Annual	May	DHS - HIFLD	
Transmission Lines	Scheduled Annual	May	DHS - HIFLD	
Oil/Gas Pipelines	Scheduled Annual	April	NPMS	High
Oil/Gas Wells	Annual Avail. Check	April	DHS - HIFLD	
Roads and Trails				
Roads	Annual Avail. Check	January	USGS - National Map	High
National Scenic Byways	Annual Avail. Check	July	NPS	High
National Historic Trails	Annual Avail. Check	July	NPS	
National Recreation Trails	No Update Scheduled	No Update Scheduled	NPS	
National Scenic Trails	Annual Avail. Check	July	NPS	
USFS Trails	Scheduled Annual	July	USFS	
USFWS Trails	Scheduled Annual	July	USFWS	
Natural and Cultural Resources				
Critical Habitat T&E (polygons)	Scheduled Annual	June	USFWS	
Critical Habitat T&E (lines)	Scheduled Annual	June	USFWS	
Sage Grouse Habitat	Annual Avail. Check	June	BLM	High
Air Quality				
Class I Airsheds	Annual Avail. Check	August	EPA	
NAA Ozone	Annual Avail. Check	August	EPA	
NAA Particulates	Annual Avail. Check	August	EPA	High
Potential Operational Delineations (PODs)				
PODs Polygons	Scheduled Biannual	March, June	USFS	High
PODs Lines	Scheduled Biannual	March, June	USFS	High
Unit Fire Planning				
FMUs / Strategic Objective Shapes	Scheduled Annual	See Update Schedule	Interagency Submissions	High

Notes:

Scheduled Updates:
This refresh plan outlines the proposed refresh cycle for data hosted within the WFDSS application. Every effort will be made to adhere as closely to the plan as possible. Throughout the course of the update cycle and as WFDSS NextGen development continues, dates may shift in order to leverage personnel and financial resources appropriately. These changes may not be made to this document as they arise, but will be communicated through GAE monthly correspondence. To inquire about a specific data layer, please see the Questions/Comments section below.

Processing Prioritization:
Throughout the 2024 refresh process, priority will be given to layers that have been deemed critical to fire planning by WFM RD&A data management staff or were not updated during the 2023 data refresh effort. Data layers that meet this criteria are specified as "High" priority in the Priority Level column.

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 a refresh. The data marked as "Annual Avail. Check" reflect those data that fall into this category.

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. 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 more information on data hosted on the WFDSS application or to contact a member 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:
 Amanda Rumsey (Data Manager) amanda_rumsey@nps.gov
 Jonah Vaughan (Data Specialist) jonah.e.vaughan@usda.gov
 Susan McClendon (GIS Specialist) susan_mccleendon@nps.gov