



U.S. Forest Service Base Map Metadata

Tags

USFS, United States Forest Service, Forest, Forest Service, GTAC, FS Base Map, basemap, FSTopo, Large scale, Medium Scale, Small scale, secondary base, 1:24,000, 1:25,000, 1:63,360, 1:126,720, 1:100,000, 1:250,000, 1:2,000,000, forest, region, topo, map, basemap, visitor map,

Summary

The Forest Service Base Map (FS Base Map) products are created, maintained, and produced by the USDA Forest Service Geospatial Technology and Application Center (GTAC) in Salt Lake City. The FS Base maps are freely distributable and are available for download on the FS Base Map website.

(<https://experience.arcgis.com/experience/de2a4fc465be4e63b6c735b20f8c083a/page/Home/>)

The Forest Service Base Map Series includes FSTopo (1:24,000 scale in CONUS and Puerto Rico, and 1:25,000 scale in Alaska), the 1:63,360/126,720 FS Base Maps, the 1:100,000 scale Maps, the 1:250,000 Forest/Grassland Maps, the 1:2,000,000 Regional Maps, National Maps and map services.

The FS Base Map data is compiled from authoritative data sources from the US Forest Service, the US Geologic Survey (USGS), the Bureau of Land Management (BLM), the National Park Service (NPS), the US Fish and Wildlife Service (USFWS), The Census Bureau (US Census), The Federal Aviation Administration (FAA), North American Rail Network (NARN), and the Homeland Infrastructure Foundation Level Data (HIFLD- HERE) from the Department of Homeland Security (DHS).

Description

FSTopo	FSTopo is the Forest Service topographic map. It covers all Forest Service lands and is created at a scale of 1:24,000 for the conterminous United States, and Puerto Rico and at 1:25,000 for Alaska.
63K FS Base Map	The 63,360 map series covers National Forests and Grasslands in the conterminous United States and Alaska. These maps feature land ownership, roads, trails, and recreation. This series is created at a scale of 1 inch to a mile (1:63,360). These maps cover larger areas of a National Forest or Grassland in greater detail or to cover in detail a small national forest or grassland. Not every National Forest or Grassland has a map in the 63,360 Series
126K FS Base Map	The 126,720 map series covers National Forests and Grasslands in the conterminous United States and Alaska These maps feature landownership, roads, trails, and recreation. This series is created at a scale of 1/2 inch to a mile (1:126,720). These maps cover larger areas of a National Forest or Grassland in greater detail. Not every National Forest or Grassland has a map in the 126,720 Series.
100K FS Base Map	The 100K Series is created by using the 1:100,000 USGS 30° x 60° grid. This map series covers the conterminous United States.
Forest FS Base Map	The Forest Base Maps are forest-level maps at a scale ranging from 1:200,000 to 1:350,000. This series covers larger areas of the National Forest and Grasslands with a focus on Forest Service features of interest.
Regional FS Base Map	The Regional Base Maps are region-level maps. This series covers the regions of the National Forest and Grasslands with a focus on Forest Service features of interest.
National FS Base Map	The National Base Map is a national-level map. This map covers the United States regions with a focus on National Forest and Grasslands.
FS Base Map Tile Service	The vector tile services is a scalable service based on all the FS Base Map products. The tile service covers the conterminous US, Alaska and Puerto Rico and is the USFS Base map of choice.



Credits

USDA Forest Service, Geospatial Technology and Applications Center (GTAC)

Citation

Title: Forest Service Base Map Series

Presentation formats: digital and hardcopy map

FGDC geospatial presentation format: map

Resource Details

Dataset language: English

Status: FINAL

Spatial representation type: vector

Supplemental information

The following data sources are used to produce the Forest Service Base Maps:

- US Forest Service: Proclaimed Forest Service land, Administrative Forest, Ranger District, Office, Recreation, Communication Site, Wilderness, Wild and Scenic River, Other Designated Area, Basic Ownership, Foreign Land, International Boundary, Landform line, Road, Trail, and Ferry. This data is subject to change at any time. Other cartographic datasets for small scale mapping are produced by the Forest Service Geospatial Technology and Applications Center (GTAC).
- USGS: Contour, GNIS, National Hydrographic Data (NHD), Landform Area, PADUS, structure (landmarks), Structure footprint, National Trails, and Quad Index. The Forest Service uses the USGS data without editing or alteration for FS Base Map Series.
- BLM: First Division & Township (PLSS), American Indian Land, and Recreation. The Bureau of Land Management (BLM) is the authoritative source for PLSS information at the federal level, and the FS Base Maps representation is derived from BLM GIS data files called Cadastral National Spatial Data Infrastructure or CadNSDI.
- NPS: National Scenic and Historic Trail, and Recreation. The Forest Service uses the NPS data without editing or alteration for FS Base Map Series.
- Census Bureau: State, County, Place Names, County Sub-division, and Urban Area. The Census Bureau collects boundaries from state and county governments through the Boundary and Annexation Survey (BAS), and publishes the results as TIGER files. The Forest Service uses the TIGER data without editing or alteration for FS Base Map Series.
- USFWS: National Wetland Inventory (NWI). The Forest Service uses the NWI data without editing or alteration for FS Base Maps.
- DHS/HERE: Road and Scenic Byway. The Geospatial Management Office (GMO) of the US Department of Homeland Security manages data known as the Homeland Infrastructure Foundation-Level Data (HILFD) which is both open and licensed. Some of the transportation found on these maps are a derivative product of the HERE licensed transportation data. The Forest Service uses a derived subset of HILFD data to visualize transportation for FS Base Map Series.



- FAA: Airfield, and Runway. The Forest Service uses the FAA data without editing or alteration for FS Base Map Series.
- NARN: Rail roads. The Forest Service uses the NARN data without editing or alteration for FS Base Map Series.

Extents

The Forest Service Base Map series covers all of the Conterminous United States, Alaska, Puerto Rico, and Hawaii.

Resource Point of Contact

Geospatial Technology and Applications Center (GTAC), US Forest Service. SM.FS.data@usda.gov

Resource Maintenance

Update frequency: Annual

Use Limitations

The USDA Forest Service makes no warranty, expressed or implied, including the warranties of merchantability and fitness for a particular purpose, nor assumes any legal liability or responsibility for the accuracy, reliability, completeness, or utility of these geospatial data, or for the improper or incorrect use of these geospatial data. These geospatial data and related maps or graphics are not legal documents and are not intended to be used as such. The data and maps may not be used to determine title, ownership, legal descriptions or boundaries, legal jurisdiction, or restrictions that may be in place on either public or private land. Natural hazards may or may not be depicted on the data and maps, and users should exercise due caution. The data are dynamic and may change over time. The user is responsible to verify the limitations of the geospatial data and to use the data accordingly.