

Access to Lightning Data Collected by the Alaska Lightning Detection Network.

The Bureau of Land Management, Alaska Fire Service owns and maintains the Alaska Lightning Detection Network (ALDN). The network is intended to support the day-to-day activities of wildland fire managers. Data collected by the ALDN is made available to the public in several ways.

Viewing Recent Lightning Strikes from The Alaska Wildland Fire Information Map Series

Format: ArcGIS Online Web Application

URL: <https://arcg.is/1nKvW8>

Lightning data for the last fourteen (14) days can be displayed in any of the maps within the Alaska Wildland Information Map Series. The map series include a web map specifically dedicated to Lightning. Users are reminded that they will need to zoom in on the map before lightning for the last 14 days will be visible.

Using Lightning Map and Feature Services

Formats: Esri REST Services, WMS, and WFS

URL: <https://fire.ak.blm.gov/arcgis/rest/services>

Lightning data is available from several webservice maintained by BLM-Alaska Fire Service.

Downloading Current Year Lightning

Formats: Zipped Shapefile and zipped CSV.

URL: [https://fire.ak.blm.gov/content/maps/aicc/Data/Data%20\(zipped%20Shapefiles\)/CurrentYearLightning_SHP.zip](https://fire.ak.blm.gov/content/maps/aicc/Data/Data%20(zipped%20Shapefiles)/CurrentYearLightning_SHP.zip)
and [https://fire.ak.blm.gov/content/maps/aicc/Data/Data%20\(zipped%20Text%20Files\)/CurrentYearLightning_CSV.zip](https://fire.ak.blm.gov/content/maps/aicc/Data/Data%20(zipped%20Text%20Files)/CurrentYearLightning_CSV.zip)

Current year lightning data is available for download from the Alaska Interagency Coordination Center website. These data are updated each morning at 0630. Users are advised to read the metadata file that accompanies the TOA_STRIKES files.