**Sources**

* Fire
  + Honolulu Fire Department
    - Twitter
    - New Release Page
    - Reports by request only
    - Calls list open to public
    - Their website has 2 formats in Microsoft Power BI options
  + Maui Fire Department
    - News Flash (main website)
  + Kauai Fire Department
    - On Press release page
  + Big Island / Hilo Fire Department
    - By request only
  + NASA worldview - [NASA Worldview](https://worldview.earthdata.nasa.gov/?v=-161.58038707413584,18.074994085986518,-153.00129968484953,22.050120965315514&t=2025-06-21-T16%3A40%3A35Z)
  + Climatetrace - [Climate TRACE](https://climatetrace.org/)
  + FEMA - national risk indicator - [Map | National Risk Index](https://hazards.fema.gov/nri/map)

* Air Tracking
  + NOAA - weather.gov
  + ResourceWatch - [Monitoring the Planet’s Pulse — Resource Watch | Resource Watch](https://resourcewatch.org/)
  + Hawaii Open Data: [Welcome - Hawaii Open Data](https://opendata.hawaii.gov/)
* Other factors
  + Drought
    - Drought monitor - [Current Map | U.S. Drought Monitor](https://droughtmonitor.unl.edu/)
    - Drought.gov - [The U.S. Drought Portal | Drought.gov](https://www.drought.gov/)

Air Quality and Fires

AIRNOW

[AirNow Fire and Smoke Map](https://fire.airnow.gov/#8.89/21.3814/-157.6607)

NOAA MODAS, EOSDIS

[NASA | LANCE | FIRMS](https://firms.modaps.eosdis.nasa.gov/map/#d:24hrs;@-157.89,21.41,10.53z)

NOAA NIFC MODAS, EOSDIS

[NASA | LANCE | FIRMS US/Canada](https://firms.modaps.eosdis.nasa.gov/usfs/map/#d:24hrs;@-100.0,40.0,4.0z)

**Tools**  
Web Scraping

Scrapy – Via Python

WebEOS Nexus (Juvare)

Includes documents from other states via Open Intelligence

* Contains ARCGIS extension
* [Publisher API](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Publisher+API&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIDxAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3):
* This API likely handles the publishing and distribution of information within the WebEOC system, potentially for sharing data between different boards or modules.
* [Forms API](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Forms+API&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIFRAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3):
* This API is used for managing forms within WebEOC. It allows for the creation, retrieval, update, and deletion of forms, which are used to collect and organize data.
* [Studio API](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Studio+API&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIFBAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3):
* WebEOC's Design Studio, used for building and managing boards, likely utilizes the Studio API for its functionality. This includes creating and modifying the structure and components of boards.
* [Boards API](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Boards+API&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIEhAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3):
* This API provides access to the core data structures in WebEOC, the boards. It allows for the management of board data, potentially including adding, updating, or deleting records within a board.
* [Notify Service](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Notify+Service&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIEBAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3):
* This API, also known as the [Alerts Plug-in](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Alerts+Plug-in&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIGxAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3), is used to trigger and manage notifications within WebEOC. It can be used to send alerts to users, other systems, or through various channels like email, SMS, or webhooks (e.g., Microsoft Teams, Slack).

Additionally, [Juvare Exchange](https://www.google.com/search?sca_esv=a644fcbfba2a63ce&cs=0&q=Juvare+Exchange&sa=X&ved=2ahUKEwiZ_67pu4iOAxUMGTQIHThkHxsQxccNegQIJRAB&mstk=AUtExfBkYWSOxl_hrtQ7JkyRNlgwASs_iOGPu4Zpvidk9t_MimTDyyqg_MUwLYbCmmrXf_IWDsyS2HiS7_1oRHfynkjBTABk1g54FdH103ZMRA3dArPUKSbaR7p9ATn0CsxcNNk&csui=3" \t "_blank), a part of WebEOC, provides a third-party layer for integrating with external data sources via APIs and RSS feeds. This allows for the ingestion and visualization of data from sources like the National Weather Service, traffic information, or retail data.

Manual: [WebEOC User Manual](https://discover.pbcgov.org/publicsafety/dem/WebEOC/Webeoc-User-Manual-2021.pdf" \t "_blank)

WebEOS - State of Connecticut

[\_WebEOCFlash\_vol\_01-01.pdf](https://portal.ct.gov/-/media/DEMHS/_docs/WebEOC-Files/_WebEOCFlash_vol_01-01.pdf)

West Virginia

[SKM\_658e19050814310](https://www.state.wv.us/admin/purchase/Bids/FY2019/B_0606_RFP_HSE1900000001_03.pdf)

DHS Software Solutions for Emergencies

[2356-01\_SAVER\_MSR\_IMS\_03Dec2021\_COD-Adjudicated\_27Dec2021\_Ready-for-508](https://www.dhs.gov/sites/default/files/2022-01/SAVER%20IMS%20MSR_05Jan2022-508.pdf)

ARCGIS Training

[Esri Training Catalog | Find Courses on GIS and ArcGIS Topics](https://www.esri.com/training/catalog/search/)

[Esri Training Courses by Capabilities and Workflows](https://maps.cise.jmu.edu/docs/ArcGIS%20Pro%20General%20Training%20Guide_May%202018.pdf)