

## Welcome to the WRAST ArcGIS Portal!

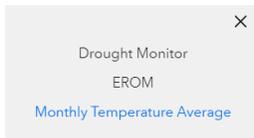
The Water Resiliency Assessment Tool (WRAST) Portal is designed to provide a spatial perspective of water resource management issues on US military Installations. The map portal on the WRAST Website consists of several maps that provide insight into historical data to visually identify trends of water resources. Through this tool, Military Installations will be able to monitor drought conditions, average temperature, and precipitation trends, and gain an understanding of mean annual runoff flowline estimates. This document provides instruction on how to navigate through the portal and explain its attributes.

### Accessing Maps:

To access the different maps available in the WRAST Portal begin in the top right corner and select the three white bars to pull up the maps menu.



From there a menu on the left side of the screen will appear where the intended map can be selected.



### Monthly Temperature Average

The Monthly Temperature Average Map (in degrees Fahrenheit) are averaged over a 30 year period (1970-2000) using a National Hydrography catchment dataset. It provides a visual for temperature values throughout the study area with noticeable trends.

### Key Features:

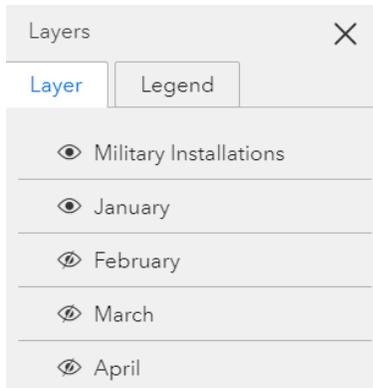
**Search:** This button searches for military installations that are located within United States Territory (Including Puerto Rico). Type in the name of the Installation, the search tool returns a result, and the map extent will zoom to its location.



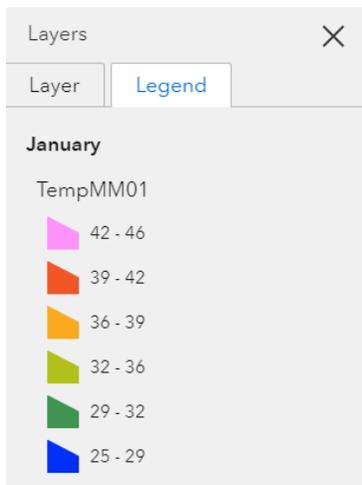
**Layers:** The layers button gives one the ability to change the specified month for temperature averages. It includes all twelve months from January to December.



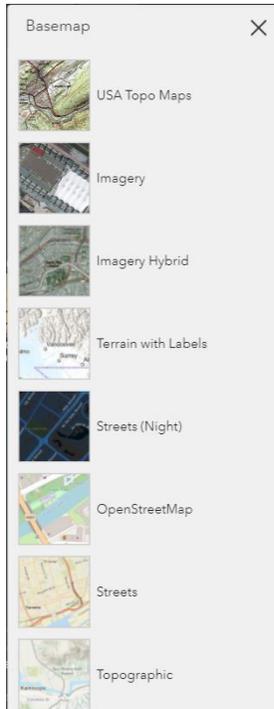
**Selecting Layers:** To select option months, military installations, and state boundary layers, simply press the layers tab and the selection will highlight as displayed below (“eyeball on” for displayed layers). To turn off this layer, press again (a slash will appear through the eyeball image identifying it has turned off).



**Legend:** The legend is found within the Layers button and is the second option to the right of *Layer*. The legend provides a symbol that signifies the temperature averages in degrees Fahrenheit that are visible on the map, as noted below:



**Basemap:** The basemap feature allows users to change the underlying map of the portal. This provides varying views that can highlight different aspects of the United States as well as Military Installations.



**Zoom:** The zoom feature allows for a closer look into areas or the ability to zoom back out from areas. Zooming can also be done with the scrolling circle on the computer mouse.



**Home:** The home button resets the Drought Monitor Map back to the default view (Conterminous United States).



**Find my location:** This feature allows for locating the area where you are currently positioned a faster search. Simply press the button and allow for GPS tracking to zoom into your current location.

