

CFFDRS Fire Weather Index Seasonal Tracking (FWIST) for Alaska

Located at: <http://fire.ak.blm.gov/predsvcs/fuelfire/fwist.php>

Overview: FWIST is an online tool designed to graphically depict CFFDRS Fire Weather Indices and Fire Weather parameters (Temperature, RH, and Precipitation) during fire season in Alaska. The user is able to display current season information and compare it to previous fire years, as well as to average and extreme values. This provides a snapshot of how the current fire season stands in relation to the historical database.

How it works:

- 1) To create a basic graph the online user must select:
 - a. Weather Station
 - b. Fire Weather Index or Weather Parameter
 - c. calendar year
- 2) Optional data and graph display additions to the Basic Graph include:
 - a. an additional year of data for comparison
 - b. average and extreme values of the Fire Weather Index or Weather Parameter
 - c. vertical bars indicating Relative Fire Danger for Interior Alaska
- 3) Some things to note:
 - a. Graphs may be printed using the print button on the graph.
 - b. Precip is cumulative for the season up to that date, starting with 0" on start date.
 - c. The color-coded thresholds indicate fire danger as follows: green (low), blue (moderate), yellow (high), orange (very high), and red (extreme).
- 4) These graphs are guidelines- every year has a unique set of circumstances that will produce varying degrees of fire behavior.

