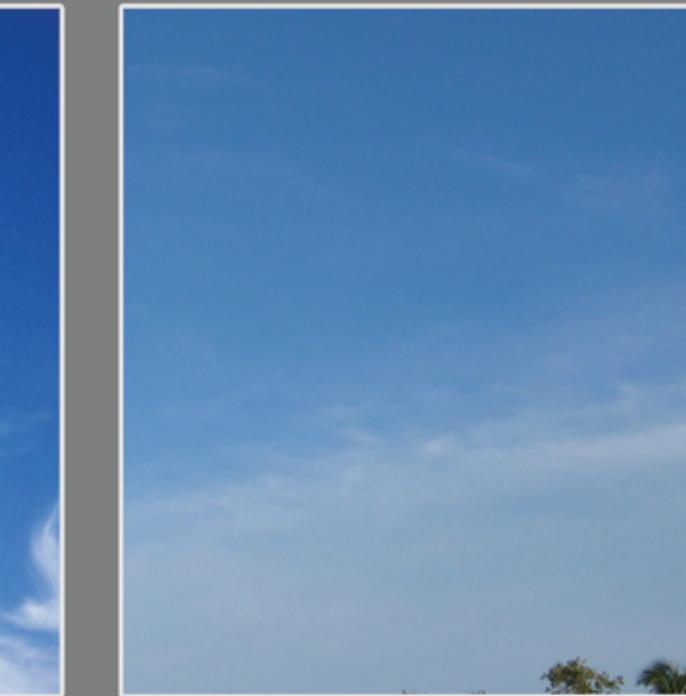


Fire Weather and Fire Behavior Impacts from Clouds

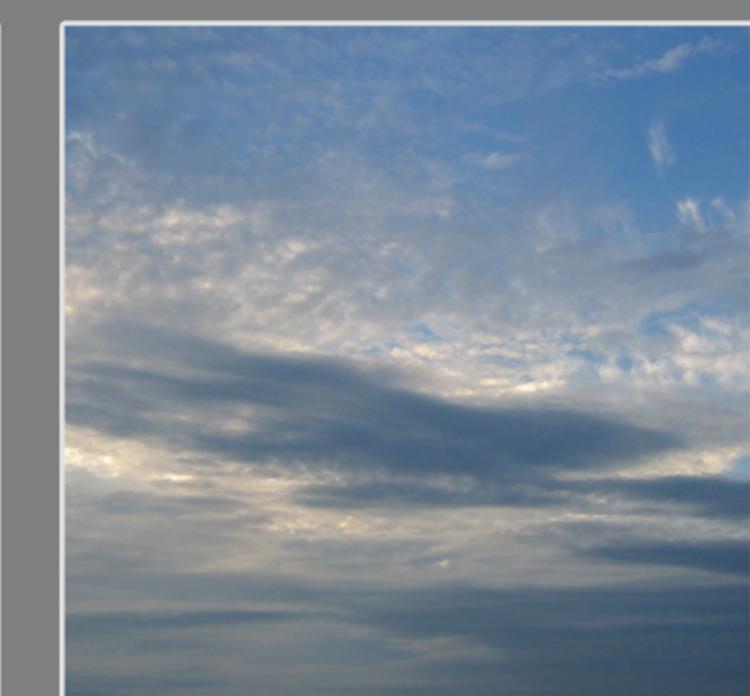
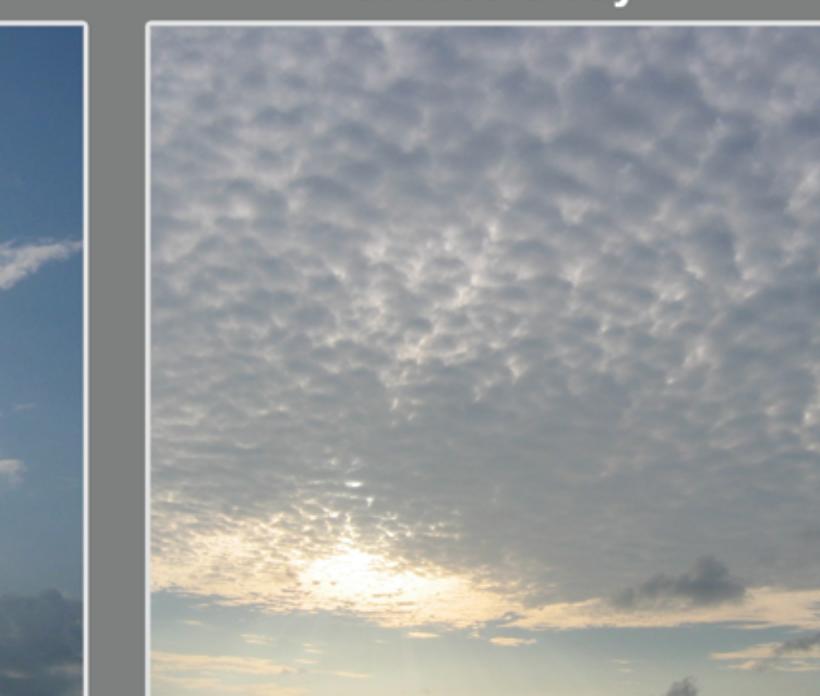
<http://www.predictiveservices.nifc.gov>

<http://www.weather.gov>
<http://fire.boi.noaa.gov>

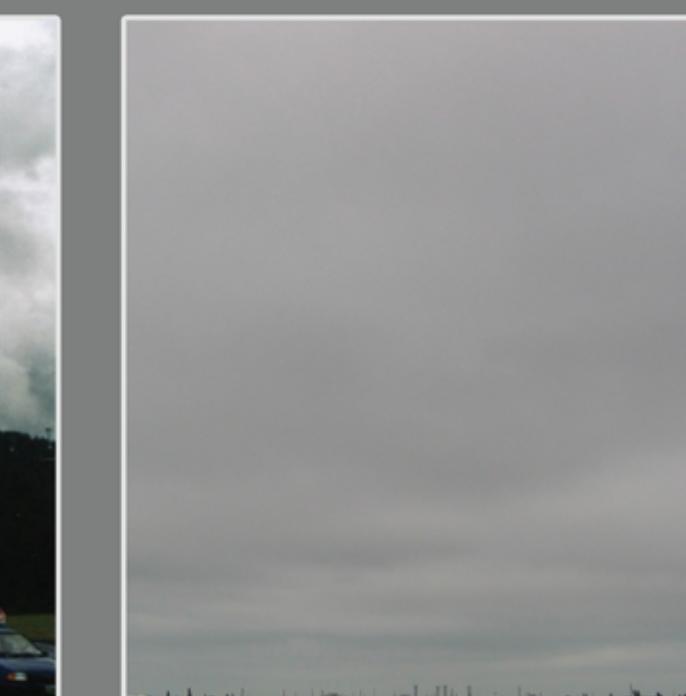
High Clouds:
 Cloud bases typically
 16,000 - 50,000 ft
 (5-15 km)
 Usually seen as
 indirect indicators
 of potential behavior



Middle Clouds:
 Cloud bases typically
 6,500 - 23,000 ft
 (2-7 km)
 Can be direct and/or
 indirect indicators of
 potential behavior



Low Clouds:
 cloud bases up to
 6,500 ft (0-2 km)
 Usually have direct
 impacts on potential
 fire weather and
 fire behavior



Special cases:
 These phenomena occur under significantly unstable conditions - Exercise extreme caution when they are observed, particularly when fire is between you and it



Special photo credit thanks to Jim W. Lee, Eric Kurth, Brian Klimowski, Eric Helgeson, Mike Richmond, Coleen Decker, Julia Rutherford, and Robert Survick