

FIRE SEVERITY RELATED TO FUEL MOISTURE CHART

Relative Humidity %	1-Hour Fuel Moisture %	10-Hour Fuel Moisture %	Relative ease of chance ignition and spotting, general burning conditions.
>60	>20	>15	Very little ignition; some spotting may occur with winds above 9 miles per hour.
45 - 60	15 - 19	12 - 15	Low ignition hazard - campfires become dangerous; glowing brands cause ignition when relative humidity is <50 percent.
30 - 45	11 - 14	10 - 12	Medium ignitability - matches become dangerous; "easy" burning conditions.
26 - 40	8 - 10	8 - 9	High ignition hazard - matches always dangerous; occasional crowning, spotting caused by gusty winds; "moderate" burning conditions.
15 - 30	5 - 7	5 - 7	Quick ignition, rapid buildup, extensive crowning; any increase in wind causes increased spotting, crowning, loss of control; fire moves up bark of trees igniting aerial fuels; long distance spotting in pine stands; dangerous burning conditions.
<15	<5	<5	All sources of ignition dangerous; aggressive burning, spot fires occur often and spread rapidly, extreme fire behavior probable; critical burning conditions.