



## FUN FACT #10: Fire Clock

*Did you know that the time of day is an important factor in forest fire threat?*

### Target age group

- Grade 2 and older (all family involvement)
- Grade 1 with guidance

### Some wildfire terminology

- Dew: water droplets condensed from the air onto cool surfaces.
- Condense: to reduce the volume.
- Fuel: any material which can burn such as twigs, trees, limbs, leaves, wood.
- Moisture: dampness.

### Information

- 10:00 AM to 6:00 PM is the time of day when the threat of forest fires is the greatest.
- This is called the fire clock.

## Fire Clock

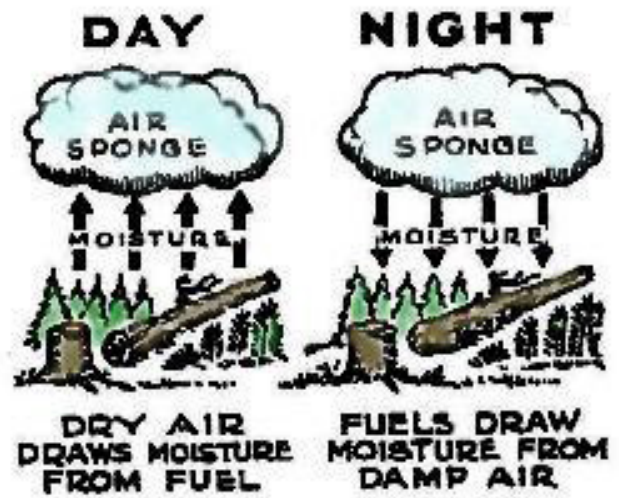


**10:00 AM to 6:00 PM**

### Why ?

- AM / morning:
  - dew has disappeared in the morning, so fuels are dry ... air is dry and winds have usually picked up at this time;
  - the sun is usually the warmest in early afternoon.

- PM / early evening:
  - after 6:00 PM, the sun goes down and the heat of the day isn't as great;
  - transfer of moisture from the atmosphere goes back into the fuels.



**Activity: Go take a hike!**

- Did your shoes become wet in the morning? Were they wet in the early evening?