

TUNDRA AND FOREST FIRE COMPONENT CARDS

Cut each component card the size of a large mailing label.

Oxygen – Calm	Heat – Thunderstorm lightning
Oxygen – Winds 40 MPH	Heat – Campfire left
Oxygen – Winds 20 MPH	Heat - Lightning on steep slop
Oxygen – Winds 5 MPH	Heat – Cigarette thrown into grass
Oxygen – Winds Calm	Heat – Lightning 90 F. No rain
Oxygen – Winds 15 MPH	Heat – Thunderstorm lightning with heavy showers
Oxygen – Winds 10 MPH	Heat – Lightning on flat land
Oxygen – Winds 30 MPH	Heat – Fire gets away

Tundra Fuel - Grass	Boreal Forest Fuel - Grass
Tundra Fuel – Mosses and lichens	Boreal Forest Fuel - Low brush
Tundra Fuel - Shrubs of Dwarf birch, dwarf willow	Boreal Forest Fuel - Tops of spruce trees
Tundra Fuel – Very dry, deep organic layer	Boreal Forest Fuel - Roots and organic matter in soil
Tundra Fuel - Large amount of dead material	Boreal Forest Fuel - Stumps and downed logs
Tundra Fuel - Cottongrass	Boreal Forest Fuel - Snags (dead standing trees) and high brush
Tundra Fuel - Shrubs Labrador tea, blueberry	Boreal Forest Fuel - Deep duff and decaying material
Tundra Fuel - Wet, sedge-grass tundra	Boreal Forest Fuel - Fire burned here 10 years ago leaving very little fuel build-up
Tundra Fuel - Fire burned here last year so there is little fuel build up	