



CITY OF SHORELINE

2008 LANDFIRE Fire Behavior Fuel Model

Anderson 13 Fuel Classes

Burnable Non-Burnable

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|----------|---------------|
| ■ FBFM1 | ■ Developed |
| ■ FBFM2 | ■ Agriculture |
| ■ FBFM3 | ■ Water |
| ■ FBFM5 | ■ Barren |
| ■ FBFM6 | |
| ■ FBFM8 | |
| ■ FBFM9 | |
| ■ FBFM10 | |
| ■ FBFM11 | |

Fuel Class data (LANDFIRE REFRESH 2008 (lf_1.1.0)) provided by the Wildland Fire Science, Earth Resources Observation and Science Center, U.S. Geological Survey. The LANDFIRE fuel data describe the composition and characteristics of both surface fuel and canopy fuel. Thirteen typical surface fuel arrangements or "collections of fuel properties" (Anderson 1982) were described to serve as input for Rothermel's mathematical surface fire behavior and spread model (Rothermel 1972). These fire behavior fuel models represent distinct distributions of fuel loadings found among surface fuel components (live and dead), size classes and fuel types. The fuel models are described by the most common fire carrying fuel type (grass, brush, timber litter or slash), loading and surface area-to-volume ratio by size class and component, fuelbed depth and moisture of extinction.

Base Map Data Sources:

King County, U.S. Geological Survey



0 0.5 1 Miles