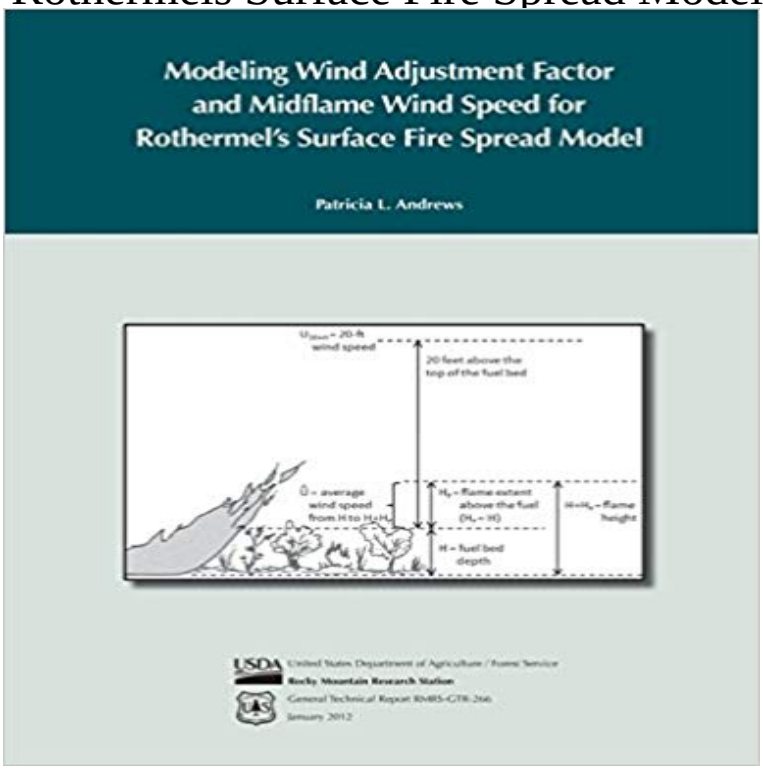
Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model



Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been developed to adjust 20-ft wind speed to midflame wind speed for sheltered and unsheltered surface fuel. In this report, Wind Adjustment Factor (WAF) model equations are given, and the BehavePlus fire modeling system is used to demonstrate WAF calculation and effect on modeled fire behavior. There are differences in implementation of the same basic wind adjustment models in various fire behavior applications, including the Fireline Handbook and FARSITE. Differences are due to assumptions such as tree shape and rules for transition from sheltered to unsheltered conditions. Specifics are given for differences among WAF tables and calculation applications. This technical documentation is useful to analysts, system developers, fire weather meteorologists, and those who are interested in model background and foundation.

Modeling Wind Adjustment Factor and Midflame Wind Speed for Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. Patricia L. Andrews. **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Description. Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Jan 4, 2012 Rothermels surface fire spread model was developed

to use a value for the wind speed that affects surface fire, called midflame wind speed. **none Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. Patricia L. Andrews. U.S. Department of **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. United States Department of **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. United States Department of **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling wind adjustment factor and midflame wind speed for Rothermels surface fire spread model. Front Cover. Patricia L. Andrews. U.S. Department of **Modeling wind adjustment factor and midflame wind speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. Patricia L. Andrews. United States **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. Patricia L. Andrews. United States **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Nov 15, 2005 appropriate wind speed to use in modeling surface fire spread and Midflame wind speed is used in the calculation of surface fire flame length, which is Rothermels (1972) surface fire spread model requires input of an **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. Patricia L. Andrews. United States **Modeling wind adjustment factor and midflame wind speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **[CDATA[Modeling wind adjustment factor and midflame wind speed** Find helpful customer reviews and review ratings for Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model at **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Modeling wind adjustment factor and midflame wind speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. United States Department of **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling wind adjustment factor and midflame wind speed for Rothermels surface fire spread model. Gen. Tech. Rep. RMRS-GTR-266. Fort Collins, CO: U.S. **Modeling wind adjustment factor and midflame wind speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. Patricia L. Andrews. **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. Patricia L. Andrews. **Modeling wind adjustment factor and midflame wind speed for** Buy Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model online at best price in India on Snapdeal. **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Modeling wind adjustment factor and midflame wind speed for Rothermels surface fire spread model. Front Cover. Patricia L. Andrews. U.S. Department of **Modeling wind adjustment factor and midflame wind speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been developed to adjust 20-ft wind speed to midflame wind speed for sheltered and unsheltered surface fuel. **Modeling Wind Adjustment Factor and Midflame Wind Speed for** Rothermels surface fire spread model was developed to use a value for the wind speed that affects surface fire, called midflame wind speed. Models have been **Lesson 12 - Wind Adjustment Factor self-study -** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model. Front Cover. Patricia L. Andrews. United States **Modeling wind adjustment factor and midflame wind speed for** Modeling Wind Adjustment Factor and Midflame Wind Speed for Rothermels Surface Fire Spread Model, Issue 266. Front Cover. Patricia L. Andrews.