



"Prescription is defined as the measurable criteria that define a range of conditions during which a prescribed fire may be ignited and held as a prescribed fire."

Most of the models in BehavePlus can be used for prescribed fire planning.

The user is responsible for understanding fire model assumptions and limitations for proper application.

"Parameters are quantitative variables expressed as a range that result in acceptable fire behavior and smoke management."

"Holding and contingency plans must be developed with the consideration of the predicted fire behavior outside of the project boundary."

"Fire behavior characteristics for fuel models within the maximum spotting distance and/or adjacent to project boundaries must be considered and modeled using worst-case fire behavior predictions."

- SURFACE– surface fire spread and intensity
- SCORCH– scorch height
- MORTALITY—tree mortality
- CROWN—transition to crown fire
- SPOT—maximum spotting distance
- IGNITE—probability of ignition
- SIZE—size of a spot fire
- CONTAIN—resources needed to contain an escape



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