

Principles Of Fire Behavior

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Fire spread – process of advancing a combustion front
Wind aided – air flow in the same direction as the fire spread
Opposed flow – air flow in the direction opposite to the fire spread
Pyrolysis – breaking up a substance into other molecules as the result of thermal decomposition
Burning rate – the consumption of fuel mass per unit time (page 84)
Natural flow – air flow induced by buoyancy

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(gravity) Forced flow – produced by wind or a fan (page 87) For the downward or lateral ...

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