

OK-FIRE Fuel Model Parameters

Fuel Model Parameters	1988 NFDRS Fuel Model**									
	Grassy Models				Brushy Models		Forest Models			Slash Model
	A	L	T	N*	D*	F	R	P	G	K
Fuel Loads (tons/acre)										
1-hour dead	0.2	0.25	0.75	1.5	2.0	2.5	0.67	0.75	2.5	2.5
10-hour dead	---	---	0.5	1.5	1.0	2.0	0.5	0.75	2.0	2.5
100-hour dead	---	---	---	---	---	1.5	0.5	0.5	5.0	2.0
1000-hour dead	---	---	---	---	---	---	---	---	12.0	2.5
live woody	---	---	2.5	2.0	3.0	7.0	0.66	0.5	0.5	---
live herbaceous	0.3	0.5	1.25	---	1.0	1.0	0.67	0.5	0.5	---
drought	0.0	0.0	0.5	1.0	1.5	2.5	1.0	1.0	5.0	2.5
Dead Fuel Moisture of Extinction (%)	15	15	15	30	30	15	20	20	25	25
Fuel Bed Depth (ft)	0.8	1.0	1.39	3.0	2.0	4.5	0.3 - 0.37	0.34	1.0	0.6
Typical Spread Rate (ft/min) in Severe Burning Conditions	301	178	96	167	68	24	6-25	14	30	23

*** Use these models with caution in Oklahoma as they were developed for fuel types not present in Oklahoma and also have a high moisture of extinction.**

**** All fuel models listed have been modified except F, G, and K.**