

OK-FIRE Fuel Model Parameters

1988 NFDRS Fuel Model*

Fuel Model Parameters	Grassy Models			Brushy Models		Forest Models			Slash Model
	A**	L	T	B	F	G	P	R	K
Fuel loads (tons/acre)									
1-hour dead	0.2	0.25	0.75	3.5	2.5	2.5	0.75	0.67	2.5
10-hour dead	---	---	0.5	4.0	2.0	2.0	0.75	0.5	2.5
100-hour dead	---	---	---	0.5	1.5	5.0	0.5	0.5	2.0
1000-hour dead	---	---	---	---	---	12.0	---	---	2.5
live woody	---	---	2.5	11.5	7.0	0.5	0.5	0.66	---
live herbaceous	0.3	0.5	1.25	---	1.0	0.5	0.5	0.67	---
drought	---	---	0.5	3.5	2.5	5.0	1.0	1.0	2.5
Dead fuel moisture of extinction (%)	15	15	15	15	15	25	20	20	25
Fuel bed depth (ft)	0.8	1.0	1.39	4.5	4.5	1.0	0.34	0.3 – 0.37	0.6
Typical spread rate in severe burning conditions (ft/min)	301	178	96	58	24	30	14	6 – 25	23

* All fuel models listed above have been modified in part from the original 1988 models except for B, F, G, and K.

** Model A is also used to represent urban landscapes and agricultural fields where annual crops are planted.