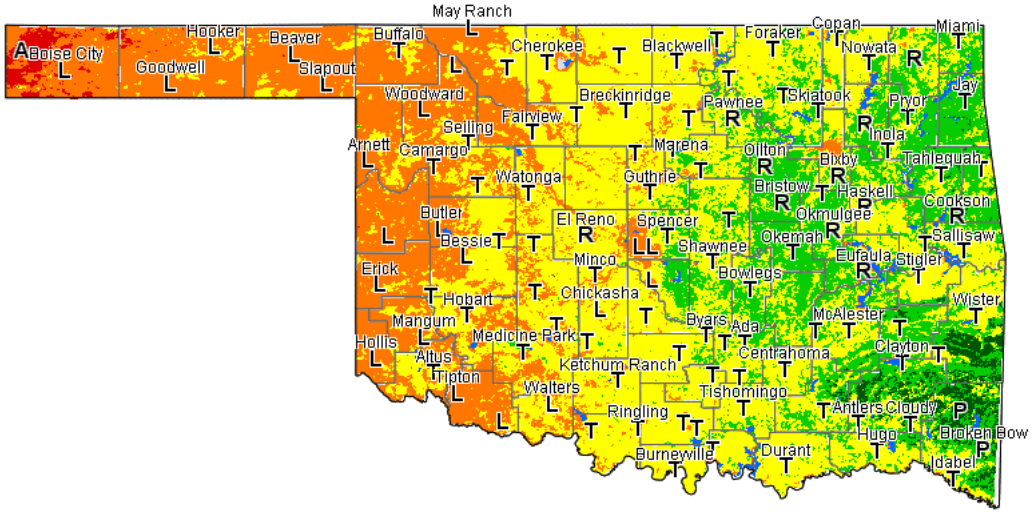
Default Fuel Models for Mesonet Sites

Every 1-km pixel of land in Oklahoma has been assigned one of five NFDRS fuel models. These default models cannot be changed for these pixels and are the fuel models used in all map products featuring burning index (BI), spread component (SC), energy release component (ERC), and ignition component (IC).

The default model for any Mesonet site is the fuel model assigned to the 1-km pixel in which the Mesonet tower is located. However, this fuel model may not always be representative of the type of fuel complex you wish to model. A map of these station default fuel models can be found by going to the FIRE section of OK-FIRE and clicking on "Default Fuel Models Map":



The five default fuel models consist of three grassy models and two forest models:

Model A (red) - Western Annual Grasses

Model L (orange) - Western Perennial Grasses

Model T (yellow) - Tallgrass with Brush

Model R (green) - Hardwood Forest

Model P (dark green) - Southern Pine Forest

These models are dynamic, meaning the 1-hour dead, live herbaceous, and live deciduous woody fuel loads change throughout the year according to the satellite-measured greenness of each 1-km pixel. *Note, of these five models, only R and P have deciduous woody loads; Model T's woody load is evergreen; and Models A and L have no woody load.*

Following are the default fuel models associated with each of our 120 Mesonet sites:

Mesonet Station	Abbreviation	Default Fuel Model
Acme	ACME	T
Ada	ADAX	T
Altus	ALTU	T
Alva	ALV2	T
Antlers	ANT2	T
Apache	APAC	T
Ardmore	ARD2	T
Arnett	ARNE	L
Beaver	BEAV	L
Bessie	BESS	L
Bixby	BIXB	R
Blackwell	BLAC	T
Boise City	BOIS	L
Bowlegs	BOWL	T
Breckenridge	BREC	T
Bristow	BRIS	R
Broken Bow	BROK	P
Buffalo	BUFF	T
Burbank	BURB	T
Burneyville	BURN	T
Butler	BUTL	L
Byars	BYAR	T
Camargo	CAMA	T
Lake Carl Blackwell	CARL	T
Centrahoma	CENT	T
Chandler	CHAN	T
Cherokee	CHER	T
Cheyenne	CHEY	L
Chickasha	CHIC	L
Clayton	CLAY	T
Cloudy	CLOU	T
Claremore	CLRM	R
Cookson	COOK	R
Copan	COPA	T
Durant	DURA	T
El Reno	ELRE	R
Erick	ERIC	L
Eufala	EUFA	R

Mesonet Station	Abbreviation	Default Fuel Model
Fairview	FAIR	T
Fittstown	FITT	T
Foraker	FORA	T
Freedom	FREE	L
Fort Cobb	FTCB	T
Goodwell	GOOD	L
Grandfield	GRA2	L
Guthrie	GUTH	T
Haskell	HASK	R
Hectorville	HECT	T
Hinton	HINT	T
Hobart	HOBA	T
Holdenville	HOLD	T
Hollis	HOLL	L
Hooker	HOOK	L
Hugo	HUGO	T
Idabel	IDAB	T
Inola	INOL	T
Jay	JAYX	T
Kenton	KENT	A
Ketchum Ranch	KETC	T
Kingfisher	KIN2	T
Lahoma	LAHO	T
Lane	LANE	T
Madill	MADI	T
Mangum	MANG	L
Marena	MARE	R
May Ranch	MAYR	L
McAlester	MCAL	T
Medford	MEDF	T
Medicine Park	MEDI	T
Miami	MIAM	T
Minco	MINC	T
Marshall	MRSH	T
Mt Herman	MTHE	P
Newkirk	NEWK	T
Newport	NEWP	T
Ninnekah	NINN	T
Nowata	NOWA	T
Norman	NRMN	L
Oilton	OILT	R

Mesonet Station	Abbreviation	Default Fuel Model
Oklahoma City East	OKCE	L
Oklahoma City North	OKCN	L
Oklahoma City West	OKCW	L
Okemah	OKEM	T
Okmulgee	OKMU	R
Pauls Valley	PAUL	T
Pawnee	PAWN	R
Perkins	PERK	T
Porter	PORT	T
Pryor	PRYO	T
Putnam	PUTN	T
Red Rock	REDR	T
Retrop	RETR	T
Ringling	RING	T
Sallisaw	SALL	T
Seiling	SEIL	T
Shawnee	SHAW	T
Skiatook	SKIA	T
Slapout	SLAP	L
Spenser	SPEN	T
Stigler	STIG	T
Stillwater	STIL	T
Stuart	STUA	T
Sulphur	SULP	T
Tahlequah	TAHL	T
Talihina	TALI	T
Tipton	TIPT	L
Tishomingo	TISH	T
Vanoss	VANO	T
Vinita	VINI	R
Walters	WAL2	L
Washington	WASH	T
Watonga	WATO	T
Waurika	WAUR	T
Weatherford	WEAT	T
Webbers Falls	WEBR	T
Westville	WEST	T
Wilburton	WILB	T
Wister	WIST	T
Woodward	WOOD	L
Wynona	WYNO	T