

Central Texas PSA Critical Thresholds

August 1, 2007

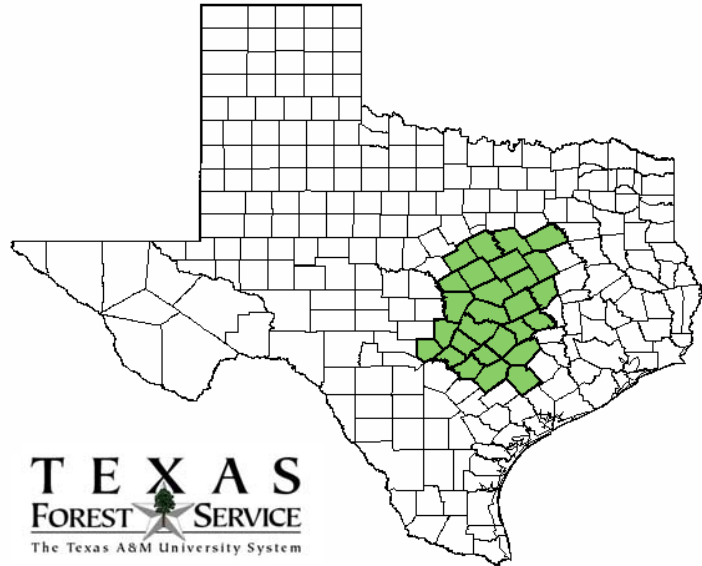
RAWS: Bastrop, La Grange, Guadalupe River, Temple, McGregor, Balcones, Round Prairie

Data Years: 2001-2007

Fuel Types: Upland Post Oak Timber, Native and Improved Grassland, Mixed Grassland and Juniper, Mixed Live Oak and Juniper

Critical Fire Weather Thresholds:

Relative Humidity 25% or less
20' Windspeed 10 mph or More



Peak Fire Seasons:

Primary August and September with late summer drying
Secondary December through March with cured grasses and wind events

Dead Fuel Moisture Thresholds

	Percentiles				
	3	4-10	11-25	26-50	51-100
1000-hr	13	14	15	16	17
100-hr	10	11	12-13	14	15

1000-hr 3% range low 11% at Guadalupe River; high 14% at Bastrop, La Grange
100-hr 3% range low 9% at Guadalupe River; high 12% at La Grange

NFDRS Thresholds (Fuel Model G)

	Percentiles				
	97	90-96	75-89	50-74	0-49
ERC	47	43-46	37-42	31-36	0-30
BI	57	48-56	39-47	28-38	0-27
KBDI	668	607-667	523-606	387-322	0-386

ERC 97% range high 55 at Guadalupe River; low 42 at La Grange
BI 97% range high 75 at Temple; low 53 at Bastrop, La Grange

Live Fuel Moisture

	Percentiles				
	3	4-10	11-25	26-50	51-100
Juniper	80	81-90	91-100	101-120	121-300
Oak	80	81-85	86-90	91-100	101-300