

Southeast Texas PSA Critical Thresholds

August 1, 2007

RAWS: Sabine North, Lufkin, Sabine South, Coldsprings, Woodville, Kirbyville, Dayton, Southern Rough

Data Years: 1996-2007

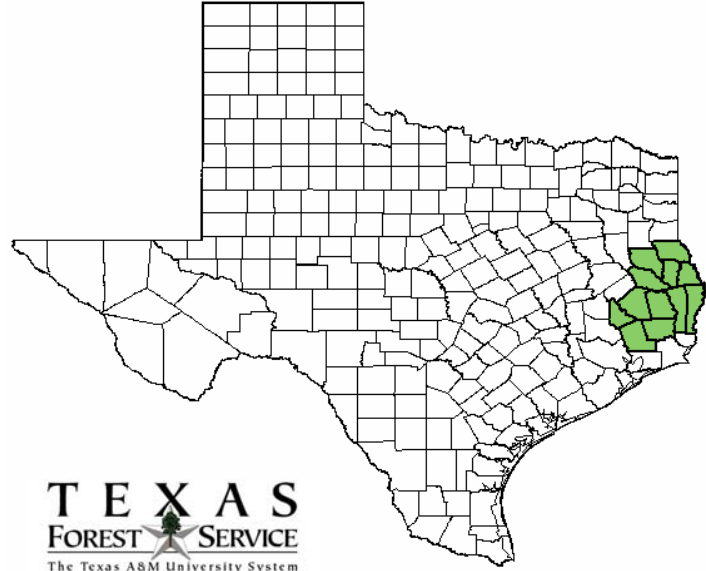
Fuel Types: Pine Plantations, Pine/Hardwood Mixed Timber, Southern Rough

Critical Fire Weather Thresholds:

Relative Humidity 35% or Less
20' Windspeed 8 mph or More

Peak Fire Seasons:

Primary July through September
Secondary December through February



Dead Fuel Moisture Thresholds

	Percentiles				
	3	4-10	11-25	26-50	51-100
1000-hr	15	16	17	18	19
100-hr	13	14	15	16	17

1000-hr 3% range Low 15%; High 16%
100-hr 3% range Low 12%; High 13%

NFDRS Thresholds (Fuel Model G)

	Percentiles				
	97	90-96	75-89	50-74	0-49
ERC	37	32-36	27-31	22-26	0-21
BI	39	32-38	25-31	17-24	0-16
KBDI	734	677-733	574-676	470-573	0-469

ERC 97% range High 39 at Southern Rough; Low 35 at Dayton, Kirbyville
BI 97% range High 53 at Dayton; Low 35 at Coldsprings

Live Fuel Moisture

	Percentiles				
	3	4-10	11-25	26-50	51-100
Pine	115	116-124	125-130	131-150	151-300
Oak	70	71-75	76-85	86-100	101-300