

**Hill Country PSA  
Critical Thresholds  
August 20, 2007**

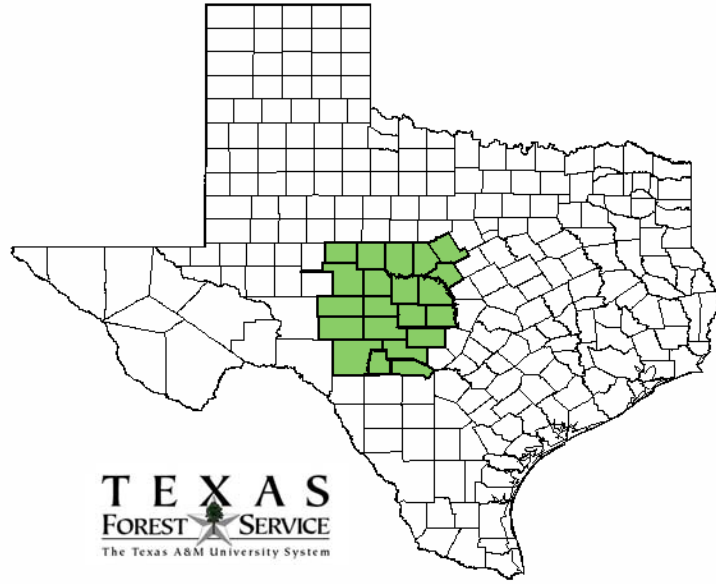
**RAWS:** Barnhart, Mason, Bird, Kickapoo  
Caverns, Paint Creek, Commanche, Colorado  
Bend, Coleman

**Data Years:** 1989-2007

**Fuel Types:** Mixed Live Oak and Juniper,  
Native and Improved Grassland, Mixed  
Grassland and Oak/Juniper

**Critical Fire Weather Thresholds:**  
Relative Humidity 25% or Less  
20" Windspeed 15mph or More

**Peak Fire Season:**  
Primary July through September  
Secondary February and March



**Dead Fuel Moisture Thresholds**

	Percentiles				
	3	4-10	11-25	26-50	51-100
<b>1000-hr</b>	11	12	13-14	15	16
<b>100-hr</b>	8	9-10	11-12	13-14	15

1000-hr 3% range low 8% at Paint Creek; high 12% at Bird  
100-hr 3% range low 6% at Paint Creek; high 10% at Bird

**NFDRS Thresholds (Fuel Model G)**

	Percentiles				
	97	90-96	75-89	50-74	0-49
<b>ERC</b>	58	48-57	41-47	34-40	0-33
<b>BI</b>	69	54-68	40-53	27-39	0-26
<b>KBDI</b>	697	628-696	516-627	388-515	0-387

ERC 97% range high 72 at Paint Creek; low 50 at Bird  
BI 97% range high 102 at Paint Creek; low 61 at Colorado Bend

**Live Fuel Moisture**

	Percentiles				
	3	4-10	11-25	26-50	51-100
<b>Juniper</b>	70	71-80	81-90	91-110	111-300
<b>Live Oak</b>	70	71-75	76-85	86-100	101-300