

Trans Pecos PSA Critical Thresholds

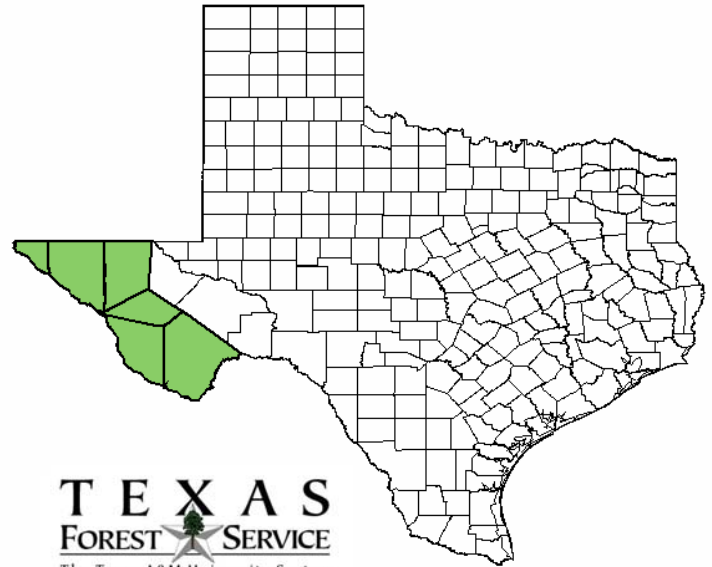
August 1, 2007

RAWS: Pinery, The Bowl, Davis, Chisos, Panther Junction

Data Years: 1990-2007

Fuel Types: Grass, Desert Shrub, Pinyon/Juniper

Critical Fire Weather Thresholds:
Relative Humidity 15% or less
20' Windspeed 15 mph or More



Peak Fire Season: May through July

Dead Fuel Moisture Thresholds

	Percentiles				
	3	4-10	11-25	26-50	51-100
1000-hr	5	6	7	8-9	10
100-hr	3	4	5	6-7	8

1000-hr 3% range
100-hr 3% range

low 5% at Pinery, Davis, Chisos, Panther Junction; high 6% at The Bowl
low 2% at Pinery, Chisos, Panther Junction; high 3% at The Bowl, Davis

NFDRS Thresholds (Fuel Model G)

	Percentiles				
	97	90-96	75-89	50-74	0-49
ERC	93	87-92	79-86	69-78	0-68
BI	121	104-120	89-103	74-88	0-73
KBDI	523	480-522	435-479	295-434	0-294

ERC 97% range
BI 97% range

high 96 at Pinery; low 89 at The Bowl
high 154 at The Bowl; low 104 at Chisos

Live Fuel Moisture

	Percentiles				
	3	4-10	11-25	26-50	51-100
Pinyon Pine	90	91-95	96-100	101-120	121-300
Juniper	70	71-80	81-90	91-110	111-300
Oak	70	71-75	76-85	86-100	101-300