

# **Red Flag Warning - Wind Advisory**

**Significant to Extreme Fire Danger** 

## **Key Messages**

- Red Flag Warning and Wind Advisory Today: 15-25% Humidity and 40 to 50 mph wind gusts
- Wind shift to the northwest after 6pm. Overnight wind gusts 30-40 mph
- Isolated thunderstorms capable of small hail and damaging wind gusts up to 60 mph tonight south of Interstate 44.

# NEW

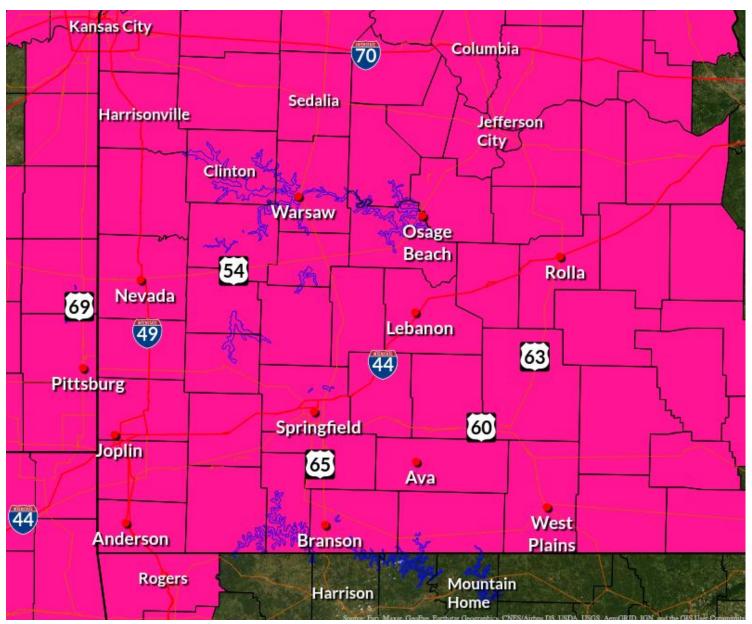
# What Has Changed

- Several wildfires ongoing Tuesday afternoon
- Severe thunderstorm chances extended west of Highway 63

# **Next Scheduled Update**

Wednesday morning if needed





### **Red Flag Warning Today**

#### February 27, 2024 4:06 AM

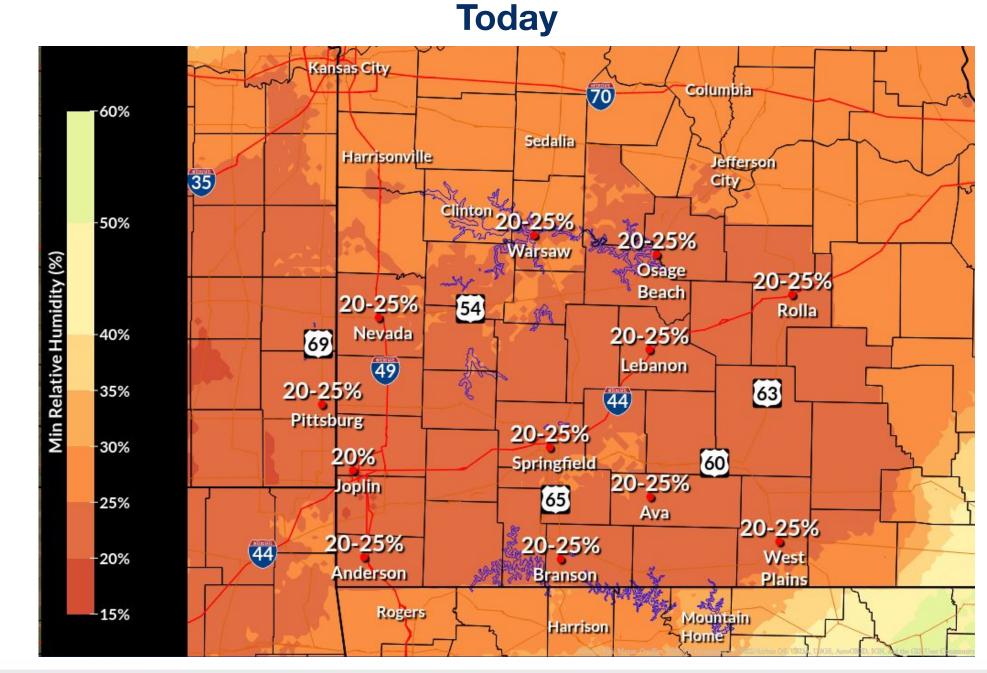




# **Minimum Humidity Today**

#### Widespread 20-25% Afternoon Humidity

Widespread 15-25% humidity during the afternoon and early evening

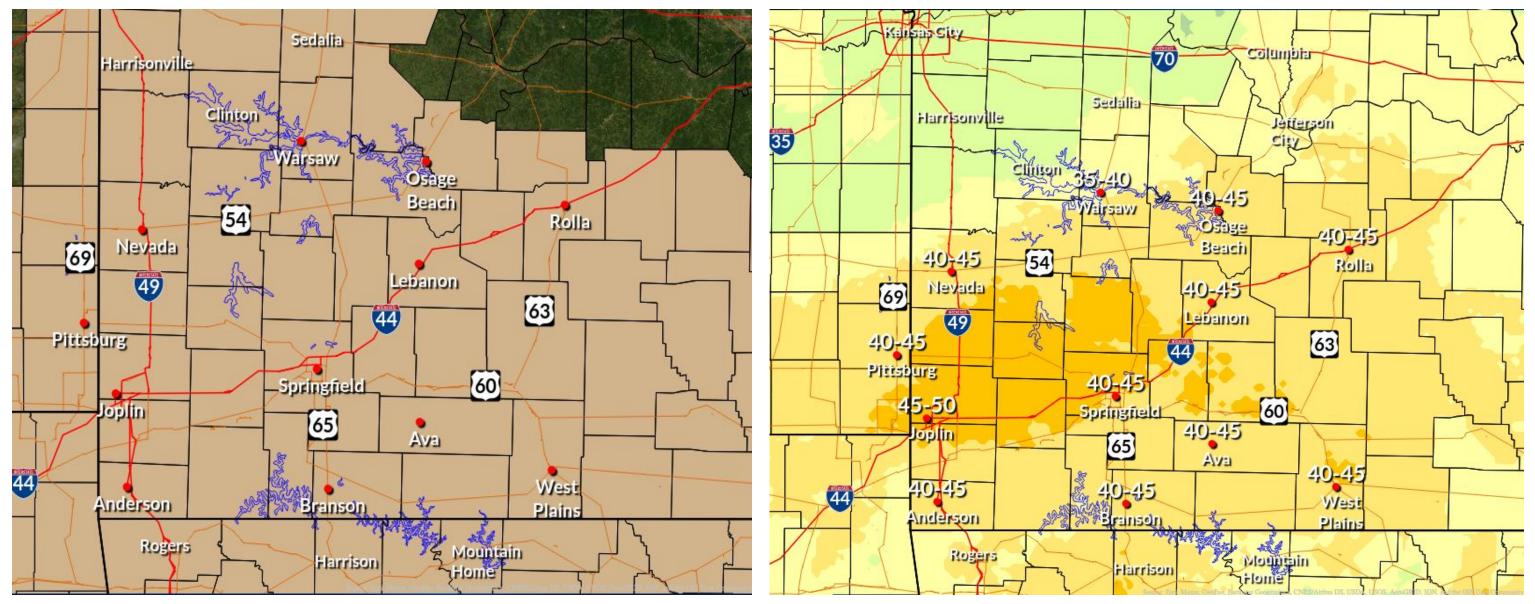




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# Wind Advisory Today



### Wind Advisory 9 am-9 pm



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# **Afternoon Wind Gusts**

### February 27, 2024 4:06 AM



# **Hourly Forecast Today**

#### **Minimum Relative Humidities and Maximum Wind Gusts**

	2/27 Tue									2/28 <b>Wed</b>			
	2pm 3pm 4pm 5pm 6pm 7pm 8pm 9pm 10pm 11pm									12am 1am 2am			
Pittsburg, KS	24	22	21	22	27	35	34	34	35	42	51	58	60
Lebanon	26	24	22	24	28	32	36	37	38	40	44	52	58
Rolla	25	25	24	26	28	32	35	36	38	41	45	52	54
Fort Leonard Wood	24	22	22	23	26	29	33	38	40	42	43	50	54
Joplin	22	20	20	21	24	29	33	32	31	36	45	51	61
Springfield	25	24	22	25	29	34	36	41	43	42	46	54	61
West Plains	24	24	24	28	36	40	55	66	68	73	81	61	60
Osage Beach	24	23	23	25	27	30	35	37	37	38	42	52	61
Branson	24	23	23	26	35	43	51	55	65	55	56	57	59
5 10 15 20 25 30 35 40 50 60 70 80 90 100 Minimum RH Forecast (%)													

## Minimum Relative Humidities (%)

	2/27										2/28			
		Tue										Wed		
	2pm	2pm 3pm 4pm 5pm 6pm 7pm 8pm 9pm 10pm 11pm										1am	2am	
Pittsburg, KS	44	43	39	35	29	32	35₩	364	37₩	374	374	354	31	
Lebanon	447	45	43	367	24	22	25*	24	25	30*	32*	31	31	
Rolla	43	43	41	35	25	21	22	25	23	29	32	33	33	
Fort Leonard Wood	43	43	41	35	24	21	22	23	22	28	30*	31	31	
Joplin	45	46	44	35	24	25	29	314	35*	374	36*	364	31	
Springfield	447	447	407	35	25	24	25	25	29	32	364	35	33*	
West Plains	45	44	417	357	25	25	287	30*	307	31-	30*	32	35	
Osage Beach	407	43	43	35	24	25	25	25	26	29	301	29	28	
Branson	417	41	40	35	287	26	287	297	26*	32	33*	31	31	
		15	20	25	30	35	4	0 45	5 50	60				

Maximum Wind Gust Forecast (mph)

# Maximum Wind Gusts (MPH)

# Wind Direction Arrows



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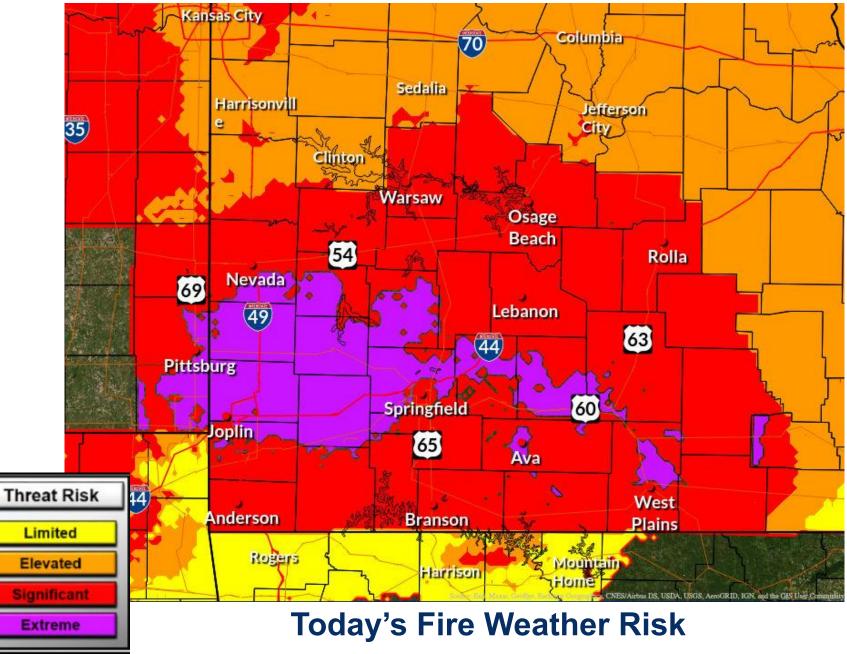


# **Significant to Extreme Fire Behavior**

#### **Red Flag Warning**

**Significant:** High winds and extended dry periods will produce extreme burning conditions. Open fires can quickly escape and are very difficult to control, even for experienced firefighters.

**Extreme:** Very strong winds, combined with low humidity, will create extremely volatile conditions. Fires will spread very quickly with spot fires common. Fire control will be extremely difficult.



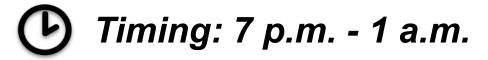


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# **Thunderstorms Chances Expand West**

#### South of I-44 and east of Springfield





### Small Hail

Less than 1 inch

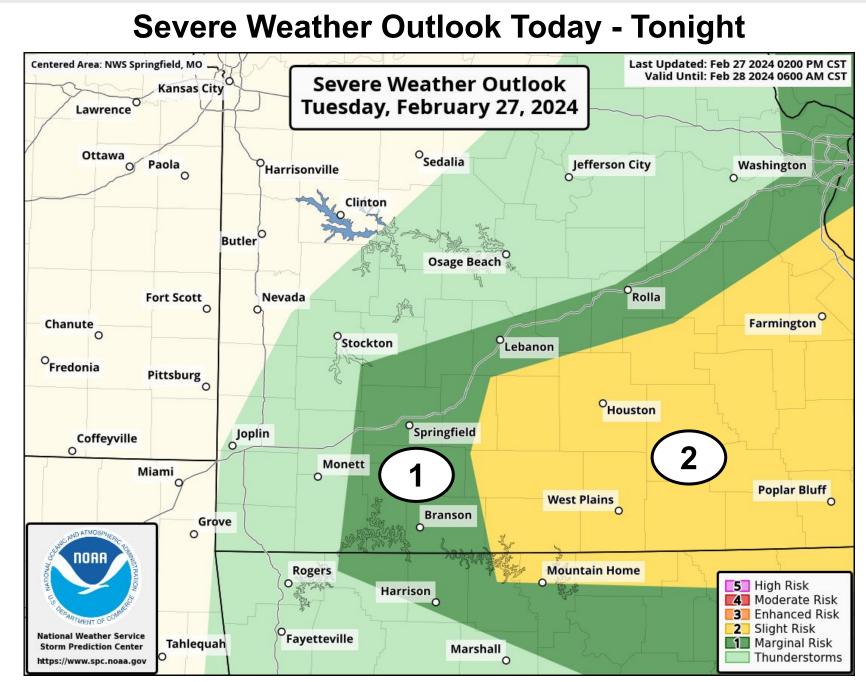
### **Damaging Winds**



60 to 70 mph

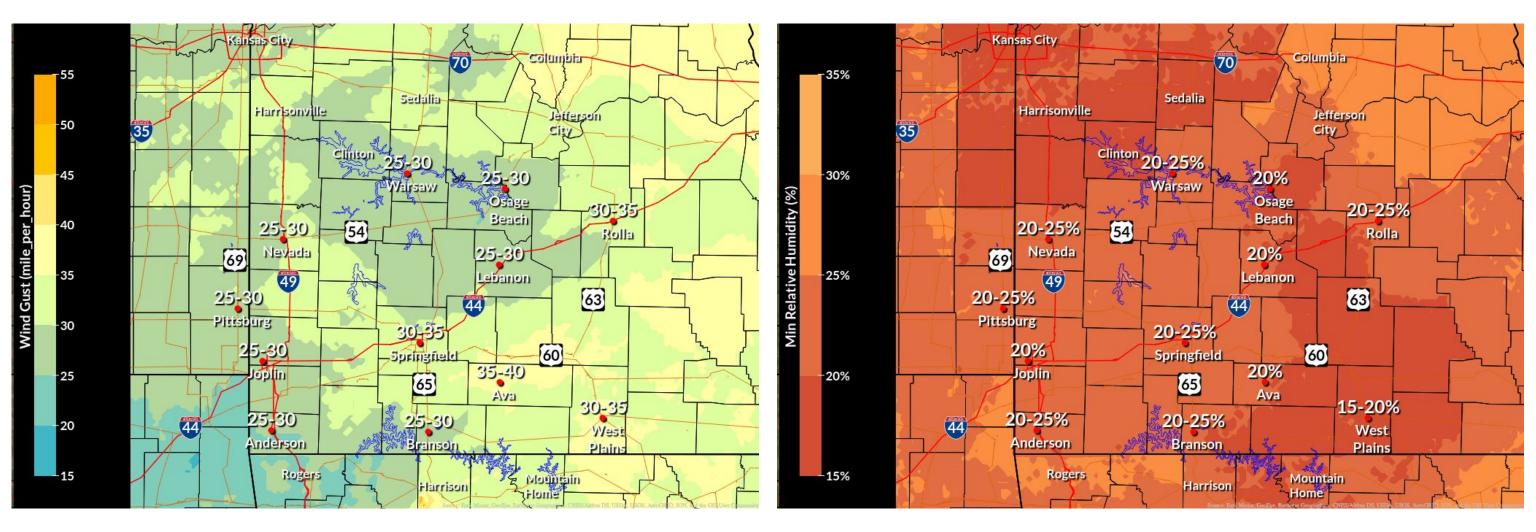
# Remain weather aware south & east of Springfield!





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### Wednesday Wind Gusts

Wednesday Humidity



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# **For Additional Information**

- $\rightarrow$ NWS Springfield Webpage
- **IDSS Point Forecasts**  $\rightarrow$
- Graphical Hazardous Weather Outlook  $\rightarrow$
- Fire Weather Dashboard  $\rightarrow$
- **NWS Springfield Fire Page**  $\rightarrow$
- NWS Spot Forecast Page  $\rightarrow$

# WILDFIRE SAFETY

**Properly discard cigarettes.** Keep vehicles off of dry grass. Avoid activities with open flames or sparks. Avoid power equipment that creates sparks. Obey burn bans. Evacuate if fire/smoke is heading your way. **Evacuate if ordered to do so by local officials.** 

#### Follow @NWSSpringfield



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