



Extreme Critical Fire Weather Expected for Today

April 22, 2022
5:50 AM

Key Messages:

- Critical fire weather conditions over southern Colorado today through Saturday
- Today: Extreme critical fire weather day
 - ◆ If a fire starts it will almost be impossible to control
- High winds across the region through midnight
- Severe Weather possible late this afternoon & evening near the Kansas border

Important Updates

- Winter Weather Advisory Central Mnts
- Red Flag Warning for Central Mnts
- High Wind Warning central Chaffee County
- Fire Weather Watch issued for Saturday

Next Update:

- Friday PM

Things to Avoid...

- Tossing Cigarette Butts
- Outdoor Burning
- Campfires & Grilling
- Off-Road Travel
- Use of Machinery
- Welding

Raging wildfire. Photo: SciJinks, NOAA



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Pueblo, Colorado



Extreme Fire Weather Conditions expected Today

April 22, 2022
5:50 AM

Main Points:

- Expecting an **EXTREME** fire weather day
- Forecast Condition:
 - 5-10% Relative Humidity
 - Southwest Winds 30 to 40 mph with gusts 50 to 70 mph
 - Widespread Blowing Dust
 - Dry Lightning possible over the far eastern plains
 - 9 AM through 9 PM

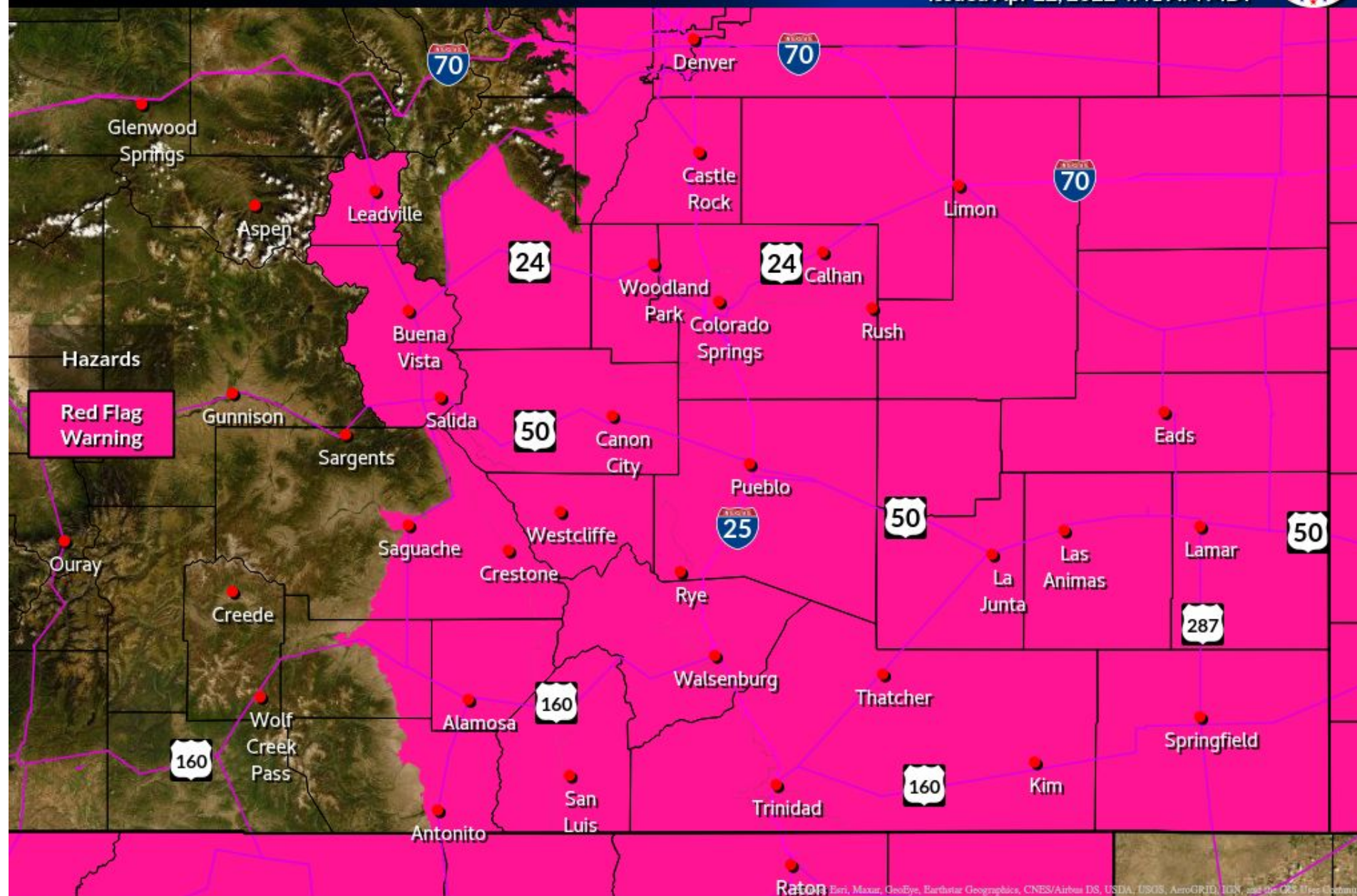
Confidence:

- Very High

Red Flag Warning Today

Weather Forecast Office
Pueblo, CO

Issued Apr 22, 2022 4:41 AM MDT



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Pueblo, Colorado

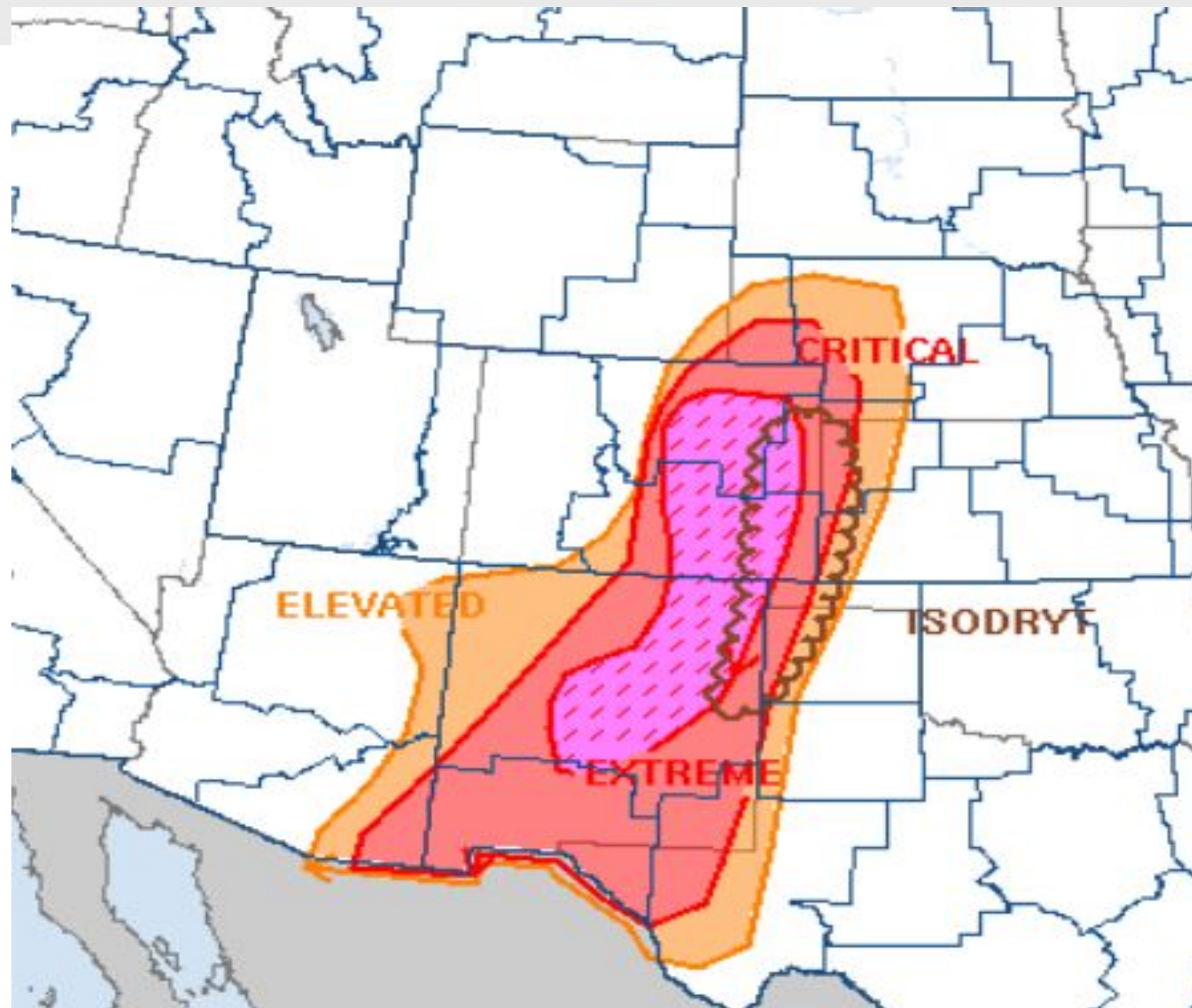


Extreme Fire Weather Conditions expected Friday

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Main Point:

- As shown by the outlook from the Storm Prediction Center, a very large swath of CRITICAL to EXTREME fire weather conditions are anticipated across our region.
- Dry lightning is possible over the far eastern plains





Fire Weather Watch for Saturday

April 22, 2022
5:50 AM

Main Points:

- Strong winds and low humidity values will lead to another critical fire weather day
- Forecast Condition:
 - 10-15% Relative Humidity
 - West to northwest winds 20 to 30 mph with gusts in excess of 40 mph
 - 10 AM through 8 PM

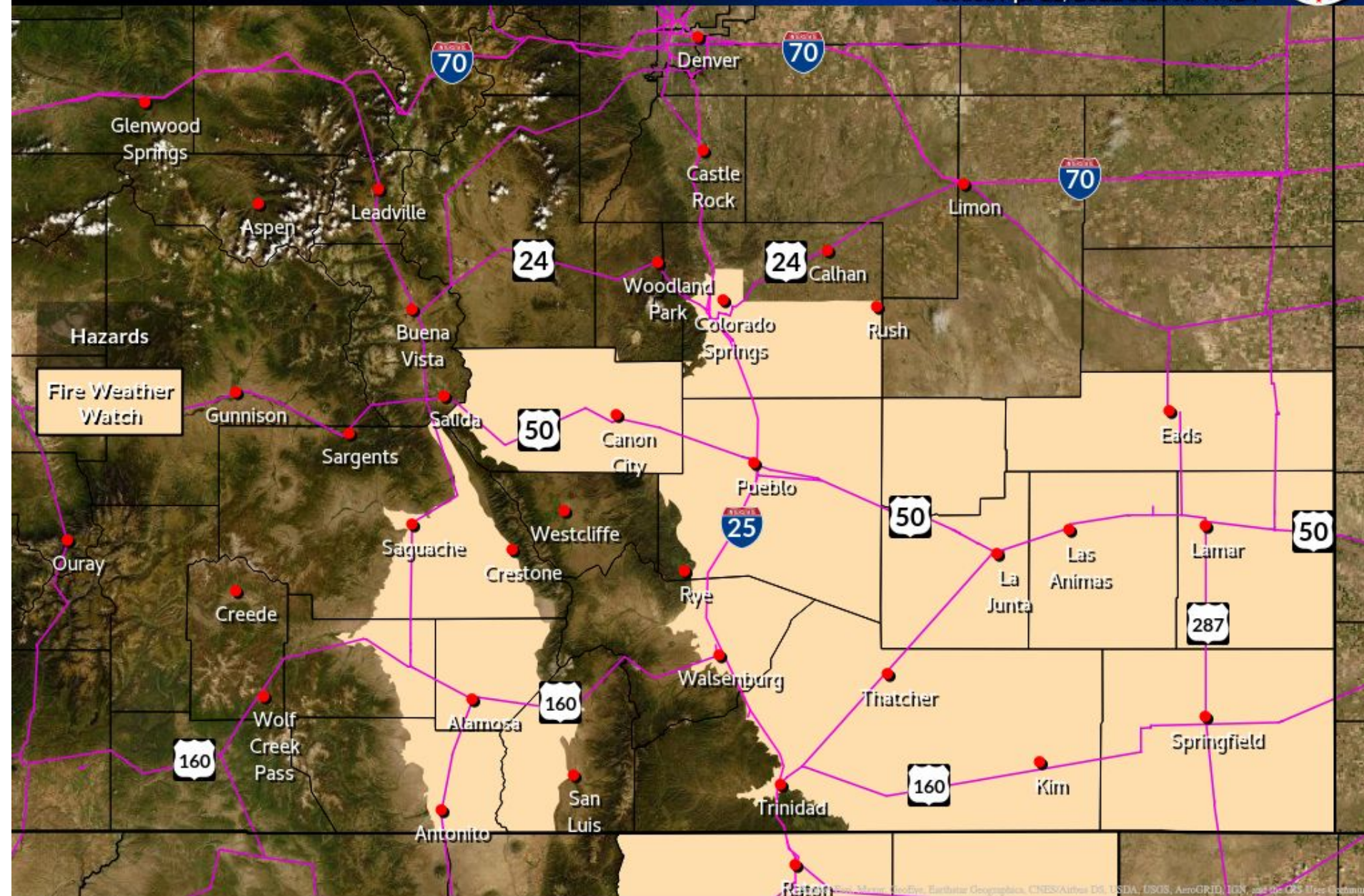
Confidence:

- High

Fire Weather Watch Saturday

Weather Forecast Office
Pueblo, CO

Issued Apr 22, 2022 5:20 AM MDT



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National Weather Service
Pueblo, Colorado



High Wind Warning Today

April 22, 2022
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Main Points:

- Southwest 20 to 40 mph with gusts 50 to 70 mph
- Light weight and high profile vehicles are at risk for toppling due to strong crosswinds
- Strong winds may cause damage to structures
- Power outages and road closures possible
- Widespread blowing dust will produce poor visibility

Confidence:

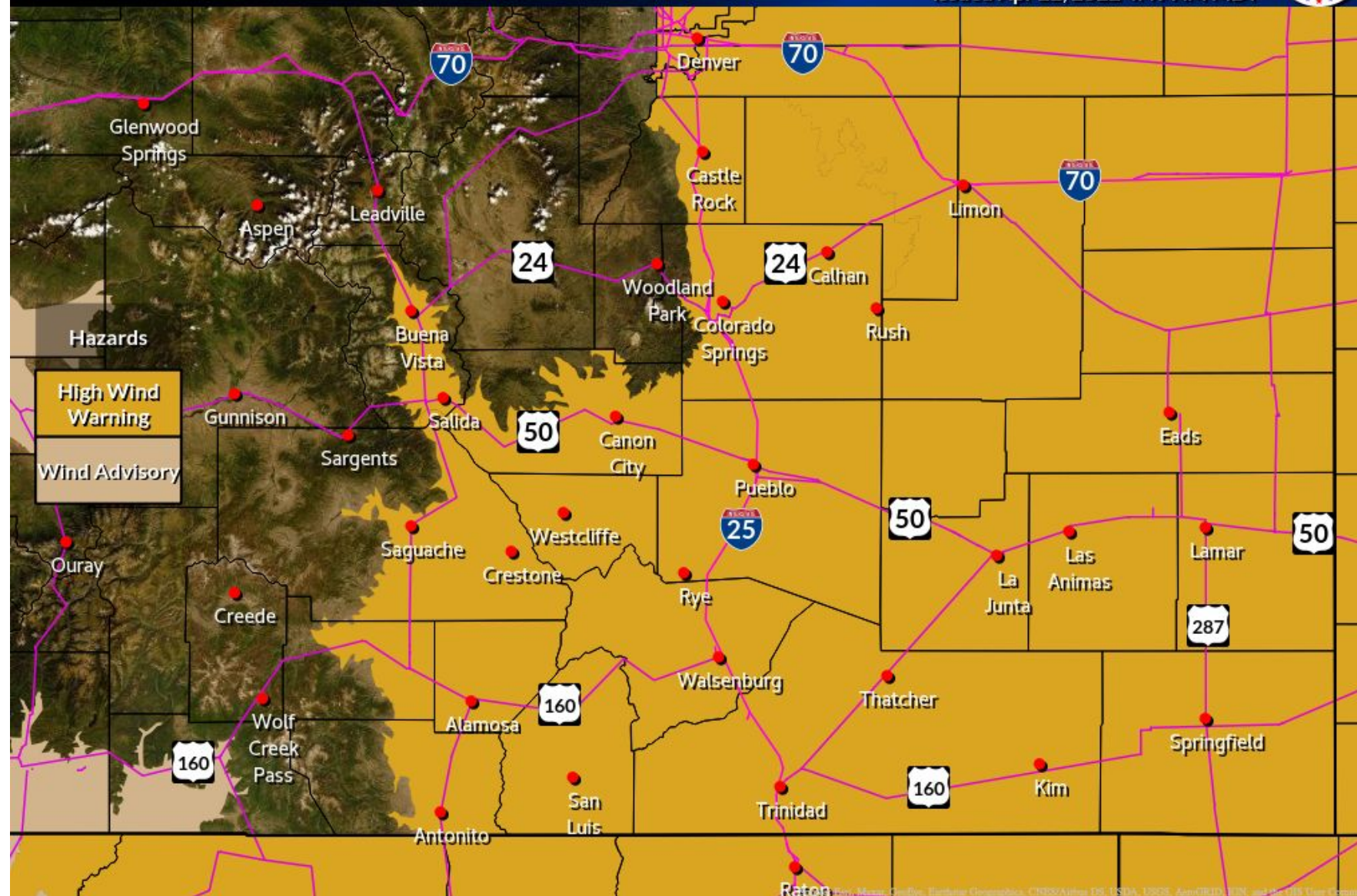
- Very High

High Wind Warnings

Weather Forecast Office

Pueblo, CO

Issued Apr 22, 2022 4:49 AM MDT



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National Weather Service
Pueblo, Colorado



Severe Storms Possible Friday

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Concern for Damaging Winds and Large Hail

What

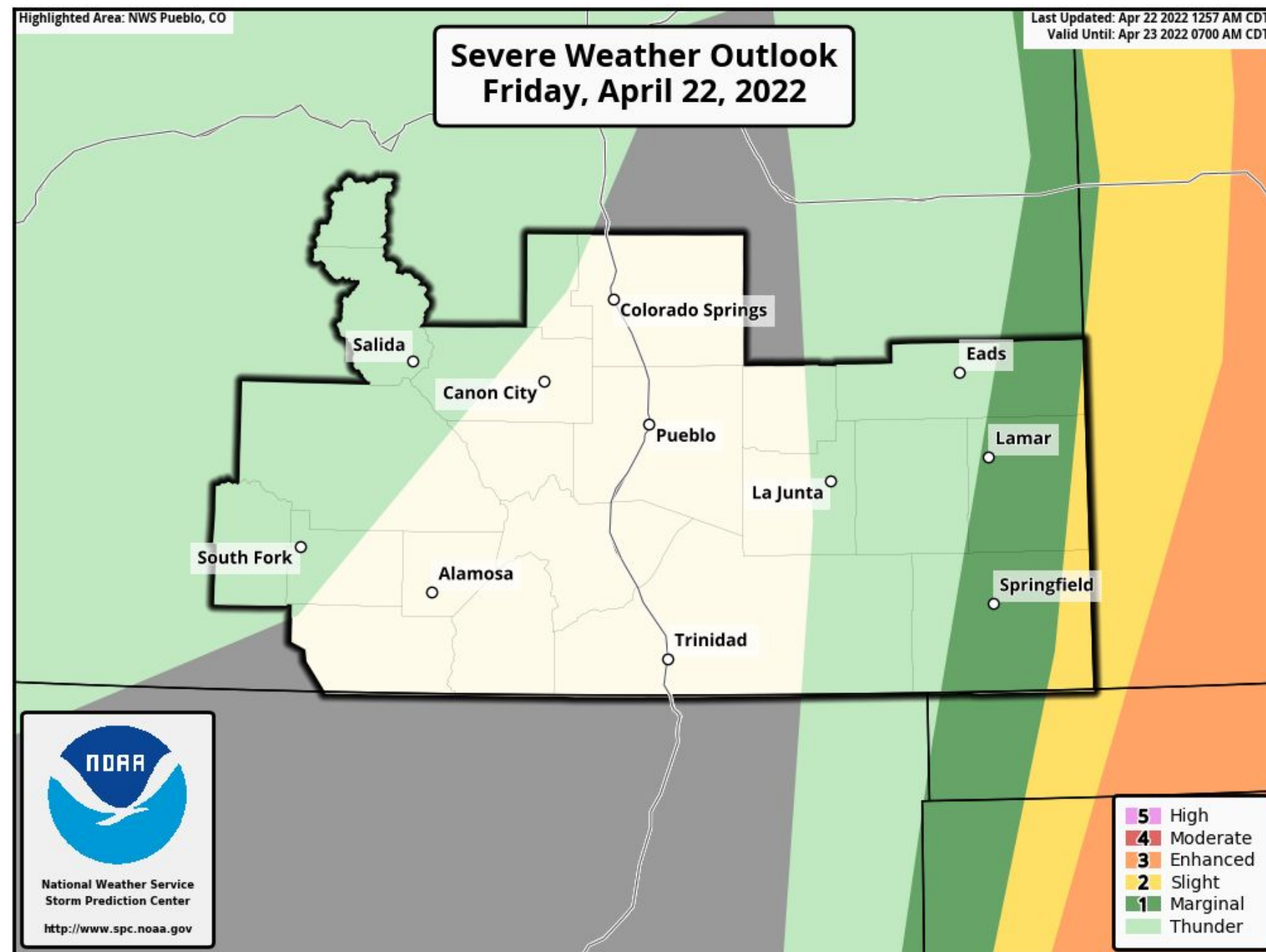
- A few severe storms with damaging winds and large hail possible
 - ◆ Hail to 2.5 inches
 - ◆ Gusts over 60 mph
 - ◆ An isolated tornado possible near KS border

Where

- Mainly east an Eads to Springfield line

When

- Round 1: Late Afternoon (330-600PM)
- Round 2: Possible Late Evening (After 9PM until 1 AM)



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Pueblo, Colorado



Forecast Confidence Levels for Friday

April 22, 2022
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Critical Fire Weather Conditions



High Winds over the S. Plains



Severe Risk



Confidence Details

- High confidence for extreme fire weather conditions and high winds
- For severe weather - this will be dependent on the position of a dry line which is still prone to change. Please monitor the latest forecasts for updates.

Alternate Scenarios

- For severe risk - There is the potential that storms do not develop in Colorado, initiating just east into Kansas
- For critical fire risk - RH Values could increase over the San Luis Valley and the I-25 corridor if the system speeds up





Winter Weather Advisory Central Mnts

April 22, 2022
5:50 AM

What

- Light to moderate snow
- 2 - 7 inches possible
- 6 PM this evening through Noon Saturday
- Another round of light to moderate snow likely Sunday into Monday

Where

- Mosquito Range, East Lake County, and the eastern Sawatch Range above 11000 feet

