



Analyze the recent fire incident data for M...





Share

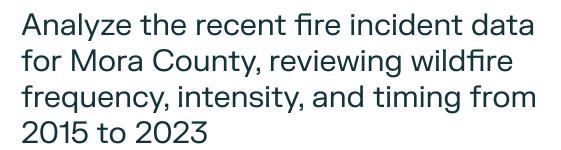












Sources

2022 New Mexico wildfires -Wikipedia

w en.wikipedia

Canvon/Hermits Peak Fire -...

w en.wikipedia

Calf













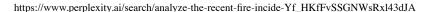
Mora County, New Mexico, has experienced significant wildfire activity in recent years, particularly in 2022. Here's an analysis of the wildfire data for Mora County from 2015 to 2023:

Major Wildfire Events

The most notable wildfire event in Mora County during this period was the Hermits Peak/Calf Canyon Fire in 2022. This fire was the largest and most destructive wildfire in New Mexico's history 2. It burned 341,471 acres (138,188 hectares) between early *F* Ask follow-up



1>





0

⊹

⊚

2022, affecting San Miguel, Mora, and Taos counties 2.

Wildfire Frequency and Intensity

- 1. 2022 was a particularly severe year for wildfires in Mora County:
 - The Hermits Peak/Calf Canyon Fire started on April 6, 2022, when a prescribed burn by the U.S. Forest Service got out of control ².
 - The Cooks Peak Fire, which started on April 17, 2022, burned 59,359 acres in Mora and Colfax counties
- 2. Prior to 2022, there were no major wildfires reported specifically for Mora County in the provided data between 2015 and 2021.
- 3. After 2022, a fire called "Windy" was reported on March 12, 2023, in Mora County. It burned 67.2 km² (about 16,606 acres) and destroyed 5 structures ⁵.

Timing of Wildfires

The major wildfires in Mora County occurred in the spring and early summer:

- The Hermits Peak/Calf Canyon Fire: April 6 to August 22, 2022
- The Cooks Peak Fire: April 17 to May 13, 2022
- The Windy Fire: March 12, 2023

This timing aligns with the general trend of increased fire risk in spring and early summer due to dry conditions and high winds in New Mexico.



Impact on Forest Cover

Fires were responsible for 94% of tree cover loss in Iviora between 2001





and 2023, indicating that wildfires have been the primary driver of forest loss in the county over the past two decades 3 .

In conclusion, while Mora County experienced relatively few major wildfires from 2015 to 2021, the 2022 fire season was exceptionally severe, with the Hermits Peak/Calf Canyon Fire being the most significant event. The 2023 Windy Fire suggests that the risk of large wildfires in the area remains high.

0,

⇔ Share











FireWeatherIndex_Wildfire.csv

Sources

FireWeatherIndex_Wildfire.c

Wildland_Fire_Incident_Loc

FireWeatherIndex_Wild...

Wildland_Fire_Incident...



The FireWeatherIndex_Wildfire.csv file contains data on wildfire risk projections for different time periods and seasons. Here's a summary of the key information:

Data Structure



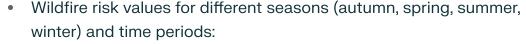
The file contains the following columns:

Crossmodel: Identifier for each data point



0

<>



- Hist: Historical baseline
- Midc: Mid-century projection
- Endc: End-century projection
- Dmid: Change from historical to mid-century
- Dend: Change from historical to end-century
- Pmid: Percent change to mid-century
- Pend: Percent change to end-century



- 1. Seasonal Variations:
 - Summer generally shows the highest wildfire risk values across most data points.
 - Winter typically has the lowest risk values.
- 2. Projected Changes:
 - Most seasons show an increasing trend in wildfire risk from historical to mid-century and end-century periods.
 - The magnitude of change varies significantly across different data points and seasons.
- 3. Percent Changes:
 - Some areas show dramatic increases,
 exceeding 100% in certain cases, espe
 summer seasons.







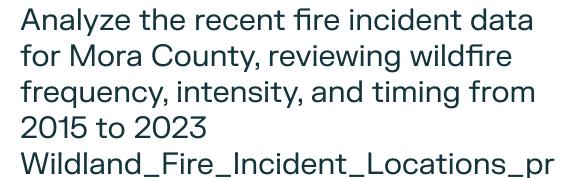
 There are also instances of decreased risk, indicated by negative percent changes.

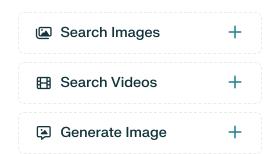
4. Regional Variations:

 The data suggests significant variability in wildfire risk and projected changes across different locations (represented by different Crossmodel values).

This dataset provides valuable insights into the potential future changes in wildfire risk across various regions and seasons, which could be crucial for long-term planning and risk management strategies.

€	Share	\$	Rewrite
---	-------	----	---------





0









uned.csv

Statistics - Cal Fire - CA.gov

Assessing Perception of Wildfires and Related Impacts among Adult ...









I apologize, but I cannot provide an analysis of the recent fire incident data for Mora County using the

(pmc.ncbi.nlm.nih

Wildland_Fire_Incident_Locations_pruned.csv file. The search results do not contain any information specific to Mora County or the mentioned CSV file. The provided data primarily focuses on California wildfires and does not include the requested information about Mora County from 2015 to 2023.

To accurately analyze the wildfire data for Mora County, we would need access to the specific Wildland_Fire_Incident_Locations_pruned.csv file or other relevant local fire incident reports for that region. Without this information, it's not possible to provide a meaningful analysis of wildfire frequency, intensity, and timing for Mora County during the specified period.

⇔ Share **Rewrite**

+

What were the most intense wildfires in Mora County between 2015 and 2023

How has the frequency of wildfires in Mora County changed over the past decade

What are the peak wildfire seasons in Mora Coul.







0











How do the wildfire patterns in Mora County compare to those in neighboring counties

+

What were the main factors contributing to the increase in wildfire intensity in Mora County











