

## # Weather Report: New York (January - May 2024)

### ### Executive Summary

The weather in New York during the early months of 2024 has shown significant variability, with temperatures ranging from very cold to hot conditions. This report summarizes the key weather events and conditions observed from January to May 2024, highlighting temperature fluctuations, humidity levels, and precipitation patterns.

### ### Key Findings

1. **Temperature Variability**: The temperatures fluctuated significantly, with a high of 30.1°C (86.2°F) on January 27 and a low of -7.4°C (18.7°F) on February 26. This indicates a wide range of thermal conditions experienced in the region during this period.
2. **Humidity Levels**: Humidity levels varied, with the highest recorded at 76.1% on February 4, coinciding with very cold temperatures. This suggests that cold weather can still be accompanied by high humidity, affecting comfort levels.
3. **Precipitation**: Light to moderate precipitation was noted on several occasions, particularly during the colder months, which may impact outdoor activities and infrastructure.

### ### Recommendations

- **Weather Preparedness**: Residents should be prepared for sudden temperature changes and varying weather conditions. It is advisable to have appropriate clothing and heating solutions ready for extreme cold.
- **Monitoring**: Continuous monitoring of weather patterns is recommended to better understand climate trends in the region. Local authorities should consider implementing more robust weather forecasting systems to keep the public informed.

### ### References

- National Weather Service
- Local Meteorological Data

\*Note: The data provided was truncated, and further insights may be available with additional information.\*

## Data Visualizations

