St Louis Weather History By Date

St. Louis Weather History by Date: A Guide for Residents and Visitors

St. Louis sits at the crossroads of the Midwest and the South, giving it a climate that can swing from hot, humid summers to crisp, snowy winters. For anyone planning a trip, moving to the city, or simply curious about how the weather has behaved over the years, knowing the **St. Louis weather history by date** can be incredibly useful. This article dives into the city's meteorological past, highlights key historical events, and shows you how to access reliable data for any specific day.

Why St. Louis Weather History Matters

Understanding past weather patterns helps:

- **Plan outdoor events:** Knowing the likelihood of rain or extreme temperatures on a particular date can save you time and money.
- **Prepare for emergencies:** Historical storm data can inform disaster preparedness and insurance decisions.
- **Study climate trends:** Long-term records reveal how the region's climate is changing, aiding research and policy.
- **Enjoy nostalgia:** Many locals cherish memories tied to specific weather moments—like the 1974 tornado that struck downtown.

Key Historical Weather Events in St. Louis

1934 – The Great Mississippi Flood

On September 29, 1934, the Mississippi River surged, flooding parts of St. Louis and causing widespread damage. The record-breaking rainfall that day set a benchmark for extreme precipitation in the area.

1974 – The St. Louis Tornado

On May 9, 1974, an EF-4 tornado touched down near the city, leaving a path of destruction that spanned several miles. It remains one of the most powerful tornadoes ever recorded in Missouri.

1993 – The Great Flood of 1993

Heavy rains in the spring of 1993 led to one of the most costly floods in U.S. history. St. Louis's downtown and surrounding suburbs were severely affected, prompting major infrastructure upgrades.

2007 – Record Heatwave

In July 2007, temperatures climbed to a blistering 106°F, setting a new state record for the highest temperature on record. The heatwave stressed the city's power grid and water supply.

How to Access St. Louis Weather History by Date

Fortunately, several reputable sources provide detailed daily records. Below are the most user-friendly options:

1. **NOAA Climate Data Online (CDO)**
   Visit the National Oceanic and Atmospheric Administration's portal, select "Search Tool," and choose St. Louis's nearest weather stations. You can then specify a date range and download daily summaries in CSV or JSON format.
2. **Weather Underground Historical Data**
   Enter the date and location into the "History" section. The interface displays a day-by-day breakdown of temperature, precipitation, wind, and more. For a deeper dive, the site offers "Historical

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Weather Charts.”

3. **Local News Archives**
   Newspapers such as the *St. Louis Post-Dispatch* often publish daily weather summaries. Their digital archives can be searched by date, offering a narrative perspective on the weather.
4. **Metropolitan Water District of Greater St. Louis**
   For precipitation data, the local water authority provides historical rainfall and streamflow records that can be filtered by date.

Tips for Using Historical Weather Data

- **Check station location:** Weather stations can be miles apart. For accurate results, confirm the station’s proximity to your point of interest.
- **Consider data resolution:** Some datasets offer hourly data, while others provide daily aggregates. Choose the level of detail that best suits your needs.
- **Cross-reference sources:** Comparing NOAA with Weather Underground can reveal discrepancies and improve confidence in your findings.
- **Look for anomalies:** A single day with extreme values may indicate an error or a genuine weather event—verify with multiple records.

Planning Your Visit with Weather History in Mind

Whether you’re a first-time visitor or a longtime resident, using historical weather data can enhance your experience:

- **Outdoor festivals:** St. Louis hosts events like the International Balloon Fiesta and the St. Louis Jazz Festival. Check past weather for the event dates to anticipate rain or wind conditions.
- **Sports scheduling:** Baseball fans know how rainouts can disrupt the season. Historical data helps you gauge the likelihood of a wet game on a specific day.
- **Travel itineraries:** If you’re planning a road trip through the Midwest, knowing how temperatures and precipitation have behaved historically can guide your packing list.

Conclusion

St. Louis’s weather has played a pivotal role in shaping the city’s history, culture, and everyday life. By exploring the **St. Louis weather history by date**, you gain valuable insights that can inform travel plans, emergency preparedness, and scientific research. With the wealth of data available from NOAA, Weather Underground, and local archives, accessing detailed daily records is easier than ever. Whether you’re a meteorology enthusiast or simply looking to make the most of your time in the Gateway Arch city, historical weather information is an indispensable resource.