

Ask Better Questions About Rainfall



RainIQ turns years of rainfall data into **instant answers**.

Investigate storms, support compliance, and understand rainfall patterns—just ask a question in plain English and get your answer in seconds.

HOW IT WORKS



What Can You Ask RainIQ?

Here are examples of the questions RainIQ can answer using your rainfall data.



INVESTIGATE A STORM

Understand what happened during a specific storm event.

- ✓ How much rain fell during this storm?
- ✓ What was the heaviest hour of rainfall?
- ✓ When did the worst 24-hour rainfall occur?
- ✓ How does this storm compare to NOAA Atlas 14 design storm?

EXAMPLE OUTPUT

Avoyelles Parish

The observed rainfall at Avoyelles Parish exceeded the 2-year 24-hour design storm on 6/17/2026 at 5:00 PM with 26.02 inches.

DURATION
24-hour

OBSERVED MAXIMUM
26.02 in

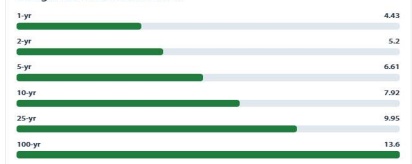
EXCEEDANCE SUMMARY

This event exceeded the 100-year 24h rainfall threshold.

NOAA Atlas 14 comparisons

Return period (years)	24-hour threshold (in)	Exceeded
1	4.43	Yes
2	5.2	Yes
5	6.61	Yes
10	7.92	Yes
25	9.95	Yes
100	13.6	Yes

Design storm thresholds curve



SUPPORT COMPLIANCE

Find the numbers you need for inspections, reports, and documentation.

- ✓ How many days exceeded 0.5 inches of rainfall?
- ✓ What was the largest 24-hour rainfall in my selected period?
- ✓ How much total rain fell during my inspection period?

EXAMPLE OUTPUT

Civic Center

There were 3 days with rainfall above 0.50 inches in the selected window.

THRESHOLD
0.50 in

QUALIFYING EVENTS
3

MAXIMUM EVENT

3.26 in on 5/20/2026

Top rainfall days

Date	24-hour Rainfall (in)
5/20/2026	3.26
6/18/2026	1.03
5/7/2026	0.73

Rainfall totals



UNDERSTAND RAINFALL HISTORY

See patterns and trends in your historical rainfall data.

- ✓ Which month was the wettest in my selected period?
- ✓ What is the average rainfall per day?
- ✓ What is the average rainfall each month?
- ✓ How much rain fell during my selected period?

EXAMPLE OUTPUT

ATL

The wettest month on record is May 2026 with 4.16 inches of rain.

WETTEST MONTH
May 2026

RAINFALL TOTAL
4.16 in

NEXT CLOSEST

June 2026 (3.84 in)

Top rainfall days

Month	Total Rainfall (in)	Rank
May 2026	4.16	1
Jun 2026	3.84	2
Apr 2026	1.60	3

Rainfall totals



RainIQ is available with Silver, Gold, and Platinum plans.

Bronze plan does not include RainIQ. Upgrade today to unlock advanced rainfall analytics and answers.



Ready to upgrade?

Visit waterwatchpro.com/prices or contact us. We're happy to help!



Have another rainfall question?

Send us your idea! Customer suggestions help shape future RainIQ capabilities.



RAINIQ QUERY BREAKDOWN



Here's a complete list of the questions RainIQ can answer at each subscription level.

FULL ACCESS FEATURES – PLATINUM LEVEL



ADVANCED EVENT ANALYTICS

In-depth analysis of individual storm events.

- Maximum hourly rainfall
- Maximum rolling 24-hour rainfall
- Compare rainfall to design storm (NOAA Atlas 14)
- Total rainfall by storm event

LIMITED ACCESS FEATURES – SILVER AND GOLD LEVEL



BASELINE METRICS

Understand typical rainfall patterns for your location.

- Average rainfall per day
- Average rainfall per month
- Wettest month in a selected period



COMPLIANCE AND THRESHOLD QUERIES

Find the numbers you need for inspections, reports, and compliance.

- Number of days with rainfall > X inches
- Maximum 24-hour rainfall
- Total rainfall for selected period



HAVE ANOTHER QUESTION?

RainIQ is always evolving, and your ideas help shape what's next. Send your suggestions for future queries to support@waterwatchpro.com.



INSTANT REPORTS

Put the results of your query into a CSV or PDF file to quickly share with others.

NEED DATA FROM BEFORE YOU STARTED USING WATERWATCH PRO?

RainIQ can analyze any time period—past or present—but you must have rainfall data for that period.



1. YOU CHOOSE THE DATES

Tell RainIQ what time period you want to analyze.



2. WE PROVIDE THE DATA

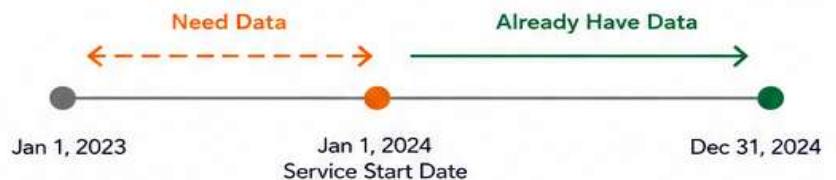
If you need data from before your service began, you can purchase it.



3. RAINIQ DOES THE REST

Once the data is in your account, RainIQ can answer your questions and help you compare any time periods.

EXAMPLE: COMPARE THIS YEAR TO LAST YEAR



To compare this year (2024) to last year (2023), you would purchase the data for 1/1/2023–12/31/2023.



REQUEST PAST DATA

Request past data from your account, or go to waterwatchpro.com/past-data.

Past data is available for purchase in yearly increments and is added to your account instantly.