Overview of EIA’s Natural Gas Storage Dashboard

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Key takeaways: Natural Gas Storage Dashboard

• Gives context to EIA’s weekly natural gas storage estimates and the natural gas market through this new product

• Complements the *Weekly Natural Gas Storage Report (WNGSR)*

• Includes an integrated set of information covering regional inventories; regional storage utilization; residential, commercial, and electricity loads; weather; natural gas prices; net natural gas exports; and nuclear outages

• Provides interactive access to data and lets users print, access archives, explore the tool with a guided *Take-a-Tour*, download data, and animate weather trends

• Delivers additional insight into news and data using a *blog* format

• Creates auto-generated reports representing a combination of relevant information available from a variety of data sources, including EIA, NOAA, OPIS Point Logic, Bloomberg, CME Group, and others
Why is natural gas storage data important?

• Natural gas infrastructure and services help balance daily differences in the daily supply and demand for natural gas.

• The role of natural gas in U.S. energy is growing; both the supply and demand for natural gas are likely to increase greatly.

• Financial market participants involved in natural gas trading closely follow estimates of weekly storage activity.

• Natural gas storage use helps both buyers and sellers of natural gas manage price risks.

• Natural gas storage use and inventories remain crucial to ensuring reliability—either seasonally or day to day.

• Natural gas storage use can support the changing use of different intermittent generating technologies.
Why improve how we share natural gas storage information?

• Relates to EIA’s sole Principal Federal Economic Indicator

• Integrates natural gas storage information across EIA’s website

• Provides links to other sources of relevant information

• Delivers more context about what drives changes in natural gas storage stocks

• Details more regional-level information

• Benefits EIA’s storage analysis and modeling stakeholders
Weekly Natural Gas Storage Report

- EIA's only Principal Federal Economic Indicator
- Produced by EIA since 2002
- Components: Published in accordance with the Office of Management and Budget’s Statistical Policy Directive 3
  - Includes:
    1. Lower 48/regional underground natural gas stocks
    2. Graphical comparisons with five-year min/max range
    3. Measures of statistical variance
- Released at exactly 10:30 a.m. on Thursdays by OES, OC, and RTM
- Release process ensures equal access to the public
New natural gas storage dashboard continues EIA’s focus on storage product improvement

- Created an Aliso Canyon-related product
- Expanded reporting from three to five storage regions
- Split salt versus non-salt reporting
- Lowered thresholds for reporting reclassifications
- Provided measures of sampling variability
- Made data downloads more efficient
The Dashboard’s design was premised on some basic requirements:

- Automate as much as possible and leverage access to existing information
- Be available on WNGSR release days by about 2:30 p.m. (eastern standard time)
- Spotlight what contributes to changes in storage activity
- Facilitate easier downloading of images and data
- Incorporate regional information
- Enable customers to print out a brief, tear-sheet of relevant measures
- Provide links to additional, helpful information
- Support occasional context-setting commentary in blog format
- Allow for easy to revise revisions (for seasons or locations)
The Dashboard can help explain key energy market issues

- How does storage balance natural gas supply and demand?
- What are the key market drivers of changes in regional storage activity?
- What is the relationship between natural gas prices and inventory levels?
- How do current stocks compare to prior periods such as stocks for last year or stocks for the 5-year average?
- How do changes in temperatures affect natural gas storage stocks?
- What are the regional differences in stocks and utilization?
For more information

Natural Gas Storage Dashboard | https://www.eia.gov/naturalgas/storage/dashboard/


Weekly Natural Gas Storage Report | http://ir.eia.gov/ngs/ngs.html


Natural Gas Weekly Update | www.eia.gov/naturalgas/weekly

Natural Gas Monthly | https://www.eia.gov/naturalgas/monthly/

Short-Term Energy Outlook | www.eia.gov/steo

Today in Energy | www.eia.gov/todayinenergy
For more information

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