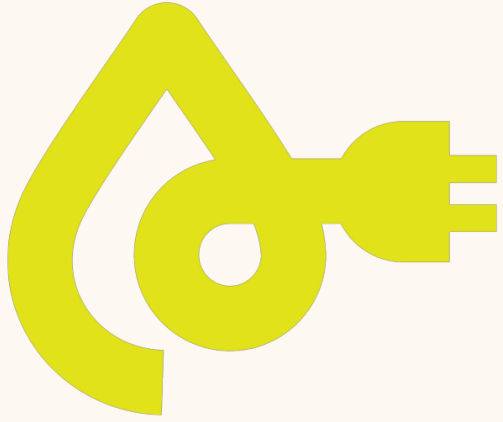


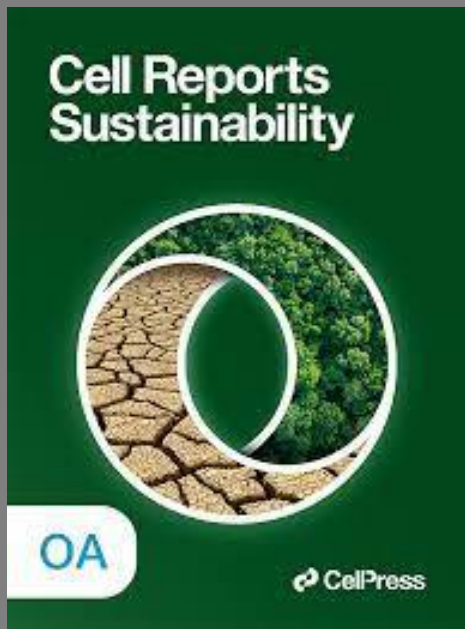


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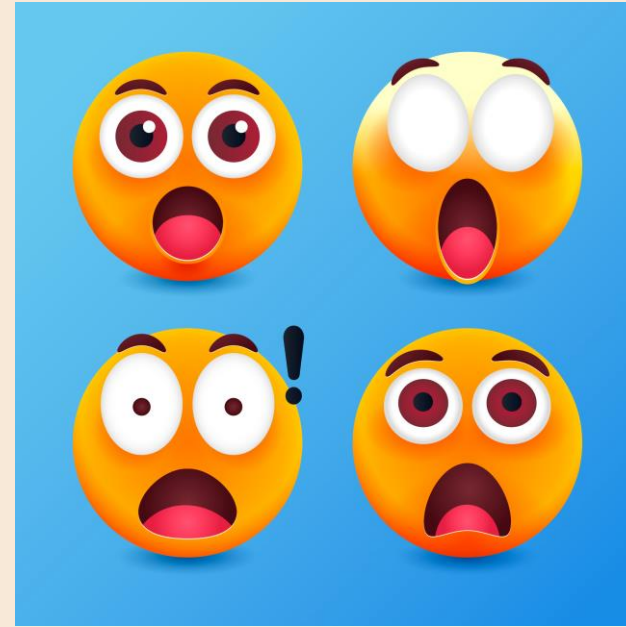
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## Bitcoin uses how much water?





In the U.S. we take water for granted, but the amount of water consumed to mine cryptocurrencies is what could be categorized as outrageous.

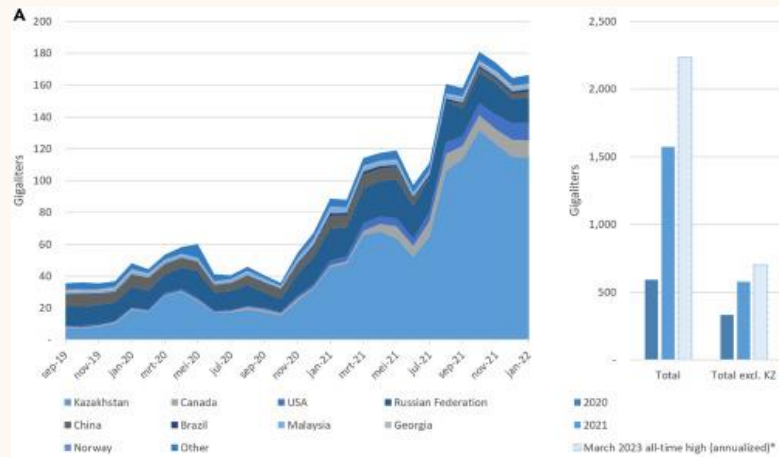


**According to Cell Reports Sustainability, on a global basis, the mining of Bitcoin consumes billions of gallons of water annually.**

Bitcoin alone is estimated to have consumed **591 billion gallons** of water in 2023.

# AND BITCOINS WATER USE IS RAPIDLY EXPANDING

Bitcoin's indirect water footprint from Sept. 2019 to Jan. 2022



From 2021 to 2023

Bitcoin water use **increased 278%**

**Chart A:** Indirect water consumption of worldwide Bitcoin miners from September 2019 to January 2022, including the cumulative total indirect water consumption for 2020 and 2021 and the estimated annualized total indirect water consumption as of March 2023. These totals are shown including and excluding Kazakhstan (KZ).



**Chart B:** Indirect water consumption of Bitcoin miners by country in 2021.

# Bitcoin's Water Use in Context



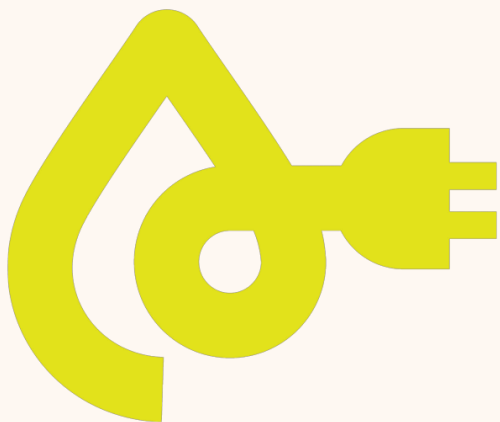
**Bitcoin use more water in a year  
than all of New York City's  
residents and business combined.**

Source: U.S. Geological Survey



**In the U.S. bitcoin mining  
consumes enough water to service  
300,000 households a year.**

(source: Digiconomist)



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- An honest assessment of our climate change efforts.
- We discuss issues/roadblocks that the industry would prefer to ignore.
- A must-read for anyone who wants to know what's really going on with renewable energy and climate change.



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