



NETFLIX EXPLAINED- THE WORLD'S WATER CRISIS

1. Finish the Quote: "Civilizations that _____, thrived. The ones that failed...fell."
2. What percentage of people can count on having running water in their home? _____
3. Name the first major world city that plans to indefinitely shut off its water supply:
4. Unless their water use changes these countries will face Day Zero over the next few decades. Name two:
* _____ *
5. True or False: There's no shortage of water. We have 326 million trillion gallons of it. Always have, always will. (Circle your answer.)
6. What percentage of our world's water do we use to survive? _____ - _____
7. Where is most of our liquid freshwater located?
8. Why does Mexico City struggle with fresh water?
9. What do you call the underground water deposits?
10. Name one side effect of using this underground water in Mexico City:
11. What is making available water much more erratic?
12. How many liters of water go into every cup of coffee? _____
13. How much water does arid Southern California use each year to grow alfalfa? _____
14. What is considered to be the most inefficient irrigation method?
15. What problem causes Mexico City to lose almost half of its drinking water?
16. How did people respond to Modelo trying to build an aqueduct in Mexicali?



17. Finish the Quote: "_____ is at the heart of the ongoing conflict in Darfur which, since 2003, has claimed hundreds of thousands lives."
18. What idea of creating more water has more than doubled over the last decade?
19. Name one thing that would happen if we treated water like a more valuable resource:
20. Why is water unlike any other commodity on Earth?
21. Which city started tying water prices to income?
22. What happened in Cape Town, South Africa?

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-BETSY OTTO**

AFTER THE DOCUMENTARY

23. How could you make changes in your life to reduce your water intake? Explain below.
24. Do you agree or disagree that water is a human rights issue? Explain below.
25. The video raised this question, "How are you supposed to value an invaluable resource while ensuring everyone has it?" How would you answer this difficult question?

ANSWER KEY FOR NETFLIX'S EXPLAINED- THE WORLD'S WATER CRISIS

1. Harnessed water
2. 70%
3. Cape Town, South Africa
4. Only needs two: Sao Paulo, Melbourne, Jakarta, London, Beijing, Istanbul, Tokyo, Bangalore, Barcelona, and Mexico City
5. True
6. 1%
7. Underground
8. There are 22 million people who now live there. The lakes that they used to have are long gone due to the explosion in population. The Spanish begin draining the lakes centuries ago to provide space for a growing community. The trend continued over the centuries.
9. Aquifers
10. Only needs one: It is like a savings account. It has built up over time and will take a lot of time to refill. They are using it at a faster rate of replenishing. They will lose half of their water supply in the next 30-50 years. The other side effect they could mention is it compresses the soil. Mexico City is literally sinking. In some places it is as much as 9 inches a year.
11. Climate change
12. 130
13. 2 trillion gallons
14. Just flooding the fields
15. Leaky pipes
16. Protestors tried to physically block the construction of it.
17. Water scarcity/thousands
18. Desalination
19. Only needs one; items would become more expensive because water would cost more/industries could collapse. Companies might make different decisions about where they would set up their operations.
20. It is unlike any other commodity because without it we die.
21. Philadelphia
22. People began to conserve water and they were able to push back Day Zero indefinitely.
23. Opinion question. Answers will vary.
24. Opinion question. Answers will vary.
25. Opinion question. Answers will vary.