

Name: _____ Date: _____ Period: _____

[Pumped Dry: The Global Crisis of Vanishing Groundwater | USA TODAY](#)

1. Niagara Falls is roughly equivalent to the amount of water being drawn out of wells by _____
2. Locked in a tandem, polar orbit, twin satellites named _____ measure small changes in _____ allows it to observe changes in water content from glaciers to groundwater.
3. _____ means the land of Five Rivers
4. In _____ the Punjab water table started decreasing
5. Water in an aquifer is called _____
6. Confined aquifers are sealed by two layers of _____
7. How do people get their water in rural India? _____
8. Is groundwater regulated in India _____
9. _____ spins corn in perfect circles
10. The High Plains Aquifer is also known as the _____
11. It extends from _____ to Nebraska.
12. It is the largest freshwater aquifer in the _____ hemisphere
13. When was irrigation developed in Kansas?
14. Will the Garetson Farm last another generation in Kansas?
15. The population in southwest Kansas would be reduced by _____ or more if you remove water from the situation.
16. In one region of Morocco, when did the water run out _____
17. The groundwater in Morocco decreased by _____
18. Where do Moroccans get their water now?
19. What is the main industry in Ica?
20. Peru has been one of the leading producers of fresh _____ in the world
21. Asparagus is a very _____ heavy crop
22. Why is asparagus being grown in Peru? _____
23. Why are violent conflicts arising in Peru? _____
24. What is happening to southern California? _____
25. How did the cattle farmer reduce water usage on her ranch?
26. As the water level drops _____ compacts and causes the ground to sink.
27. Subsidence happens when _____ particles rearrange into stacks and do not hold as much water.
28. What are some ways to help recharge the aquifers of the world?

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1. USA
2. Grace, gravitational pull
3. Punjab
4. 1979
5. Groundwater
6. Rock
7. Community wells
8. No
9. Central Pivot Irrigation
10. Ogallala aquifer
11. North Texas
12. Western
13. 1950-60's
14. probably not because the well is running out of water
15. 90%
16. 5 years ago
17. 3 meters a year
18. Dams or surface water
19. Farming/ agriculture
20. asparagus
21. Water
22. Profit
23. wells are being sold to companies that are pumping water away from locals)
24. New dustbowl
25. Reducing number of cattle, smaller pipes, not pumping the water all day
26. Clay
27. Clay
28. Reducing use, manage demand, change crops, develop new irrigation

Writing assignment rubric

Question	0 points	1-2 points	3-4 points
Discuss the consequences of a declining water table. Use at least 5 pieces of evidence from the documentary	Consequences are not similar to what was discussed in documentary, No evidence provided	Consequences are mentioned but vague, 1-3 pieces of evidence	Consequences are clearly stated and from the documentary, 4-5 pieces of evidence
Consider about why countries are growing crops in unfavorable areas of the world. What would be some of the possible positive outcomes if countries grew food that was better suited for their land and water availability Support your claims with evidence	Possible outcomes not discussed, only negative	Possible outcomes discussed but vague and not fully explained, evidence doesn't make sense with outcomes	Possible outcomes explained in detail and supported by evidence. Evidence can be provided in MLA format
Writing Skills			
Spelling and Grammar	More than 5 spelling and grammar mistakes		No spelling and grammar mistakes
Length	Less than a paragraph with 4 or fewer sentences	One paragraph with 5-7 sentences	Two or three paragraphs with 5-7 sentences
Evidence	No evidence provided	Vague evidence provided	5 pieces of evidence for question A, at least one pieces of specific evidence stated