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Level 4

Humans causing big shifts in freshwater locations

20th May, 2018

<https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

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Please try Levels 5 and 6. They are (a little) harder.

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THE READING

From <https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

Humans are shifting freshwater resources across Earth. This will continue as people move and eat more. Many equatorial regions are drying, while tropical areas are getting wetter. If this continues, many cities could struggle to find enough water in the future. NASA spent 14 years studying freshwater resources. It was part of a mission called GRACE, which stands for Gravity Recovery and Climate Experiment.

Jay Famiglietti, a co-author of the research, said: "The study shows that humans have really drastically altered the global water landscape in a very profound way." He warned that: "We see it as a driver of climate change." Professor Famiglietti said that over 40 per cent of the hot areas looked at in the research were drier than twenty years ago. He said this was because of human activity. One reason was too much pumping of groundwater for farming.

Sources: <https://www.washingtonpost.com/news/energy-environment/wp/2018/05/16/humans-are-causing-massive-changes-in-the-location-of-water-all-over-the-earth-nasa-says/>
<https://weather.com/science/environment/news/2018-05-17-nasa-satellites-human-fingerprint-shifts-global-freshwater>
<https://www.nasa.gov/press-release/nasa-satellites-reveal-major-shifts-in-global-freshwater>

PHRASE MATCHING

From <https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

PARAGRAPH ONE:

- | | |
|----------------------------|--------------------------|
| 1. Humans are shifting | a. cities could struggle |
| 2. Many equatorial regions | b. mission called GRACE |
| 3. tropical areas are | c. are drying |
| 4. If this continues, many | d. studying |
| 5. find enough water in | e. getting wetter |
| 6. NASA spent 14 years | f. resources |
| 7. freshwater | g. freshwater resources |
| 8. It was part of a | h. the future |

PARAGRAPH TWO:

- | | |
|-----------------------------|----------------------|
| 1. a co-author of | a. of groundwater |
| 2. drastically | b. profound way |
| 3. the global | c. climate change |
| 4. in a very | d. altered |
| 5. We see it as a driver of | e. of human activity |
| 6. over 40 per cent of | f. the research |
| 7. this was because | g. the hot areas |
| 8. too much pumping | h. water landscape |

LISTEN AND FILL IN THE GAPS

From <https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

Humans are shifting freshwater (1) _____ Earth. This will continue as people (2) _____ more. Many equatorial regions are drying, (3) _____ are getting wetter. If this continues, many cities could struggle to find enough water (4) _____.

NASA spent 14 years studying freshwater resources. It was part (5) _____ called GRACE, which stands for Gravity Recovery (6) _____.

Jay Famiglietti, a co-author (7) _____, said: "The study shows that humans have really (8) _____ global water landscape in a (9) _____." He warned that: "We see it as a driver (10) _____." Professor Famiglietti said that over 40 per cent of (11) _____ looked at in the research were drier than twenty years ago. He said this was because of human activity. One (12) _____ much pumping of groundwater for farming.

PUT A SLASH (/) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

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FRESHWATER SURVEY

From <https://breakingnewsenglish.com/1805/180520-freshwater-4.html>

Write five GOOD questions about freshwater in the table. Do this in pairs. Each student must write the questions on his / her own paper.
When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

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WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

a) _____

b) _____

c) _____

d) _____

e) _____

f) _____

