



THE GLOBAL WARMING TEST

○ Question 9:

Which of the following is **not true** about an increasing **greenhouse effect**?

- a) the consensus of scientists is that the problem warrants drastic action
- b) nighttime temperatures may increase, but daytime temperatures will not
- c) the coldest, driest regions of the planet will warm first

Sorry...that is incorrect.

That statement is true. A warmer atmosphere will allow more humidity and water vapor (clouds) to saturate the skies. Water vapor, especially white clouds, are powerful solar reflectors-- they may even cool daytime temperatures slightly. Any warming, if it does occur, will likely occur as a decrease in the amount of nighttime temperature drop.

Similarly, it is the driest and coldest regions of the earth that would notice the biggest change-- places like Siberia and Canada. Are warmer winter nights in the Arctic Circle really a problem? [*Desperately Seeking Mission: Why the State Department's Gone Green*, Peter VanDoren, 1997.](#)



Question 10

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