

DataStreme ECS

ANNOUNCEMENTS and ANSWER KEY

Week Three: 12 – 16 September 2016

ANNOUNCEMENTS

16 September 2016

1. **LIT leaders:** If you have not received confirmation of receipt of SUNY Registration Forms by email from Bob Weinbeck of all your folks, contact DataStreme Central. (If it's because you haven't sent them in, do so quickly!)
2. **Notice:** Due to some requests, we have created an option to download and print text versions of the Investigation and Current Studies answer forms. See the link at the bottom of the page for printing.
3. We appreciate feedback on materials as we continue to fine-tune the system. We also hope to see "Reports from the Field". How has the season been, have any rainfall records been set? Send possible comments to Ed Hopkins. These stories can add the human interest to the climate studies.
4. **Remember, these Answer Key Announcements are our main communications link with you, our LIT members.** Be sure to check for announcements each week and respond to any inquiries. The prompt feedback we receive from you is important in making DataStreme Earth's Climate System as good as it can possibly be.

ANSWER KEY

A. CHAPTER PROGRESS QUESTIONS:

1. statistical analysis
2. all of these
3. sum
4. False
5. difference
6. standard deviation
7. normal
8. all of these
9. trend
10. last three complete decades
11. standard deviations
12. ACIS
13. complex terrain
14. vegetation

15. “seed”
16. [as appropriate by participant]
17. [as appropriate by participant]

Questions 16 and 17 enable DataStrems ECS participants to reflect on their understanding of the chapter's material and how the course experience can be shared with their colleagues. As mentors your relationship with participants should also focus on the answers submitted to these items. Please inquire if a participant fails to respond to any item.

B. CONCEPT OF THE WEEK:

1. rural
2. five minutes

C. INVESTIGATIONS RESPONSES

INVESTIGATION 3A: (see [Answer Key Image 1](#))

Although not requested to be submitted, refer to this for questions.

1. 6
2. 2 and 9
3. 5.3
4. 1.4
5. 68.2%
6. 95.4%
7. does
8. do
9. both of these
10. has not
11. No...
12. Yes!!
13. had little or no
14. disappear before
15. do not
16. climate constrains weather

INVESTIGATION 3B: (see [Answer Key Image 2](#) and [Image 3](#))

Although not requested to be submitted, refer to these for questions.

1. June and December
2. equinoxes
3. 24
4. 6
5. 25%
6. sometimes

7. both of these
8. polar
9. equatorial
10. polar
11. 8.1
12. 26%
13. 5.1
14. 53%
15. 6.2
16. 5.6

CURRENT CLIMATE STUDIES 3

1. 2015
2. warming, no temperature change, and cooling
3. higher
4. greater
5. Connecticut
6. +3.4
7. dropped
8. both of these
9. human-induced
10. Mitigation
11. all of these
12. 1.0
13. 4.3
14. 11.1
15. higher

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