

DataStreme ECS

ANNOUNCEMENTS and ANSWER KEY

Week Five: 26 – 30 September 2016

ANNOUNCEMENTS

30 September 2016

1. We hope that your mid-course meeting has been (or will be) successful. Please let us know of any participants' reactions to the course, criticisms, suggestions, etc. We like feedback. We hope you have noted that the Investigations and Current Studies Answer Forms are in html **and** text forms.
2. The Guidelines for participants' *Plans of Action* will be provided in a link from the Week 6, Current Climate Studies. They will be repeated in the Week 7 Current Climate Studies also. If necessary, remind your mentees to read them. You may also fetch a copy from this Answer Key page under Forms.
3. The (nearly complete) compiling of registration data from LIT leaders indicates we will have about 65 participants in 12 LITs. We are grateful to all of you LIT members for this great effort in sustaining the accomplishments of DataStreme Earth's Climate System. Balmy breezes!

If you have any participants who drop, ***notify us immediately.***

1. LIT leaders should receive LIT Verification Forms in a little bit. Please verify the accuracy of the information for our database (i.e. participant names for certificates, etc.) and fax it back ASAP. Also, we will need checks for eligibility for honoraria. However, amounts may be proportional to numbers of LIT participants being present.

ANSWER KEY

A. CHAPTER PROGRESS QUESTIONS:

1. latent
2. much greater than
3. both of these sources
4. ice sheets and glaciers
5. land, ocean
6. pressure
7. False
8. saturation
9. expansional
10. orographic

11. windward
12. True
13. 0.5 mm
14. tipping bucket
15. TRMM
16. [as appropriate by participant]
17. [as appropriate by participant]

Please check for responses to Questions 16 and 17. Mentors should also focus on the answers submitted to these items for dialogue. Please follow up if a participant fails to respond to either item.

B. CONCEPT OF THE WEEK:

1. atmospheric humidity
2. 120

C. INVESTIGATIONS RESPONSES

INVESTIGATION 5A:

1. do
2. west to east
3. east to west
4. both
5. Pacific Ocean
6. northeast
7. south
8. dry
9. all of these
10. latent
11. Atlantic Ocean
12. all of these
13. coincide with
14. 13
15. Southern
16. more than 10 km

INVESTIGATION 5B:

1. northeast
2. is not
3. winter
4. increases
5. 594
6. decreases

7. leeward
8. winter
9. increases
10. declines
11. 11
12. eastern
13. does
14. is
15. winter
16. east
17. winter
18. rainforest
19. would

CURRENT CLIMATE STUDIES 5

1. 50
2. some
3. does
4. greatly reduced
5. all of these
6. transportation
7. southern
8. all of these
9. Alaska
10. all of these
11. acidic
12. all of these
13. 36 %
14. both of these

Return to [DataStreme ECS website](#)

©Copyright, 2016, American Meteorological Society