

Preview Unit 5 – Lesson Worksheet |


Start again

1  In Fairbanks which season is projected to experience the greatest temperature increase from 2010-2019 to 2090-2099?

Marks: 1

Choose one answer.


- a. Spring
- b. Summer
- c. Fall
- d. Winter

2  Study the 1961-1990 historical temperature data for Fairbanks. During which month (Sep-Nov) did average temperatures first drop below 32°F?

Marks: 1

Choose one answer.


- a. September
- b. October
- c. November

3  Study the 2090-2099 modeled temperature data for Fairbanks. During which month (Sep-Nov) did average temperatures first drop below 32°F?

Marks: 1

Choose one answer.


- a. September
- b. October
- c. November

4  Study the 1961-1990 historical temperature data for Fairbanks. During which month (Mar-May) did average temperatures first rise above 32°F?

Marks: 1

Choose one answer.


- a. March
- b. April
- c. May

5  Study the 2090-2099 modeled temperature data for Fairbanks. During which month (Mar-May) did average temperatures first rise above 32°F?

Marks: 1

Choose one answer.


- a. March
- b. April
- c. May

6  A "Medium Future Greenhouse Gas Emissions" (A1B) scenario assumes:

Marks: 1

Choose one answer.


- a. slow development of new technologies
- b. slow economic development
- c. high population growth
- d. rapid introduction of efficient technologies

7  Study the 2010-2019 projected precipitation data for Fairbanks. Which month (Jun-Aug) was projected to have the most precipitation?

Marks: 1

Choose one answer.


- a. June
- b. July
- c. August

8  Study the 2010-2019 projected precipitation data for Fairbanks. Which month (Nov-Mar) was projected to have the most precipitation?

Marks: 1

Choose one answer.


- a. November
- b. December
- c. January
- d. February
- e. March

9  Based on the data you gathered for Fairbanks, which of the following is mostly likely to be true? Future snowpack is expected to:

Marks: 1

Choose one answer.


- a. form earlier in the fall and melt later in the spring.
- b. form later in the fall and melt earlier in the spring.
- c. form later in the fall and melt later in the spring.
- d. form earlier in the fall and melt earlier in the spring.

10  In Anchorage, which season is projected to experience the greatest temperature increase from 2010-2019 to 2090-2099?

Marks: 1

Choose one answer.


- a. Spring
- b. Summer
- c. Fall
- d. Winter

11  Study the 1961-1990 historical temperature data for Anchorage. During which month (Sep-Dec) did average temperatures first drop below 32°F?

Marks: 1

Choose one answer.


- a. September
- b. October
- c. November
- d. December

12  Study the 2090-2099 modeled temperature data for Anchorage. During which month (Sep-Dec) did average temperatures first drop below 32°F?

Marks: 1

Choose one answer.

- a. September
- b. October
- c. November
- d. December

13  Study the 1961-1990 historical temperature data for Anchorage. During which month (Mar-May) did average temperatures first rise above 32°F?

Marks: 1

Choose one answer.

- a. March
- b. April
- c. May

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Marks: 1

Study the 2090-2099 modeled temperature data for Anchorage. During which month (Mar-May) did average temperatures first rise above 32°F?

Choose one answer.

- a. March
- b. April
- c. May

15 

Marks: 1

Study the 2090-2099- projected precipitation data for Anchorage. Which month (Jun-Aug) was projected to have the most precipitation?

Choose one answer.

- a. June
- b. July
- c. August

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Marks: 1

Study the 2090-2099 projected precipitation data for Anchorage. Which month (Nov-Mar) was projected to have the most precipitation?

Choose one answer.

- a. November
- b. December
- c. January
- d. February
- e. March

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Marks: 1

For the 2090-2099 modeled period in a medium emissions scenario, during which month would you expect the most snow in Anchorage? Study temperature and precipitation projections because precipitation falls as snow when the temperature is below freezing (32°F).

Choose one answer.

- a. December
- b. September
- c. November
- d. October