Observe the following weather data collected for **<u>Cleveland</u>**, **Ohio**.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	1	-7	6	3	19
February	2	-6	5	3	19
March	7	-2	7	5	20
April	14	3	8	5	19
Мау	20	8	8	6	14
June	26	14	8	7	16
July	28	16	9	8	14
August	27	16	8	9	12
September	23	12	8	8	14
October	17	6	6	8	16
November	10	1	8	8	19
December	3	-3	7	3	19

Observe the following weather data collected for **Forks, Washington**.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	7	1	35	3	12
February	9	1	30	3	8
March	11	2	27	3	14
April	12	3	19	3	12
May	16	5	13	3	12
June	17	8	7	3	12
July	20	10	6	6	12
August	20	10	7	6	9
September	19	8	11	8	9
October	15	5	25	5	12
November	10	2	36	3	8
December	7	1	37	4	8

Observe the following weather data collected for **Orlando, Florida**.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	22	10	5	9	12
February	22	10	7	8	8
March	25	12	8	9	14
April	28	16	6	10	12
May	31	19	7	9	12
June	32	21	16	4	12
July	33	22	20	3	12
August	33	22	18	3	9
September	31	22	17	4	9
October	28	18	9	10	12
November	25	13	4	10	8
December	22	10	5	10	8

Observe the following weather data collected for **Brooklyn, New York**.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	3	-3	8	5	22
February	4	-2	8	6	22
March	9	1	9	6	22
April	15	6	10	6	22
May	21	12	10	5	16
June	26	17	9	5	14
July	29	20	10	6	12
August	28	19	10	7	12
September	24	16	10	8	14
October	18	9	7	8	14
November	12	5	10	4	20
December	6	3	9	5	20

Observe the following weather data collected for Las Vegas, Nevada.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	13	1	1	14	12
February	17	3	1	12	12
March	20	6	1	14	20
April	25	10	0	16	22
May	31	15	0	18	22
June	37	20	0	22	22
July	40	24	1	20	19
August	38	23	1	21	19
September	34	18	0	23	17
October	27	12	0	21	12
November	18	5	1	16	12
December	13	1	1	15	12

Observe the following weather data collected for San Antonio, Texas.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	16	3	4	6	16
February	18	6	4	6	17
March	23	10	4	7	17
April	26	14	6	8	17
May	30	18	10	11	17
June	33	22	9	15	17
July	35	23	4	15	16
August	35	23	6	15	14
September	32	20	8	12	14
October	27	15	8	10	14
November	21	8	5	7	16
December	17	5	4	6	16

Observe the following weather data collected for Oskaloosa, Kansas.

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	4	-6	2	11	22
February	7	-3	2	8	22
March	13	0	5	9	25
April	20	7	10	9	25
May	25	12	11	8	22
June	30	18	9	9	22
July	33	21	7	13	19
August	32	20	7	13	19
September	27	15	5	13	20
October	21	8	3	13	20
November	12	1	2	11	20
December	6	-4	2	10	19

Observe the following weather data collected for Washington, D.C..

- 1. Create a graph of the maximum temperatures and the amount of precipitation for each month.
- 2. Discuss the following questions with your group:
  - a. Which weather condition(s) appear to vary the most over the course of a year? Which weather conditions varied the least?
  - b. What is the range of temperatures experienced in your area?
  - c. Which month(s) have the most precipitation? The least precipitation?
  - d. Which month(s) have the highest wind speed? The lowest wind speed?
- 3. Prepare a short commercial to perform in front of class that describes what tourists should pack if they were to vacation in your area during any time of the year.

Month	Maximum Temperature (°C)	Minimum Temperature (°C)	Precipitation (cm)	Number of Clear Days	Wind Speed (km/hr)
January	6	-2	7	8	20
February	7	-1	6	7	20
March	12	2	8	7	20
April	19	7	7	7	14
May	24	13	9	7	14
June	28	18	8	8	14
July	31	21	10	7	14
August	30	20	10	9	14
September	26	16	8	10	14
October	20	10	7	11	14
November	14	4	7	8	14
December	8	-1	7	8	14