Weather Conditions Data Tables

Weather Conditions Graphs

Rubrics

Weather Forecast for: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (my community)

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| --- | --- | --- | --- | --- |
| Date | Temperature(oF) | Precipitation(%) | Wind(mph) | Cloud Cover(%) |
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Remember… ***precipitation*** is a form of water, such as rain, snow, or sleet that forms in the atmosphere and falls to the Earth's surface.

To figure out the **Cloud Cover** in your community take a look out the window and make an educated guess on how much of the sky is covered by clouds. As a great scientist, you should always collect cloud cover data from the same place, looking in the same direction every time!

Weather Forecast for Lake Crescent, Olympic National Park, Washington State

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| --- | --- | --- | --- | --- |
| Date | Temperature(oF) | Precipitation(%) | Wind(mph) | Cloud Cover(%) |
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Remember… ***precipitation*** is a form of water, such as rain, snow, or sleet that forms in the atmosphere and falls to the Earth's surface.

To figure out the **Cloud Cover** at Lake Crescent, go to <https://www.nature.nps.gov/air/webcams/parks/olymcam/olymcam.cfm> and make an educated guess on how much of the sky is covered by clouds. This website also has information on the current weather conditions of Lake Crescent.

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| Precipitation (%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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ONP | Home

Day 4

ONP | Home

Day 5

ONP | Home

Day 6

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Day 7

ONP | Home

Day 8

ONP | Home

Day 9

ONP | Home

Day 10

ONP | Home

Day 1

ONP | Home

Day 2

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Day 3

ONP | Home

Day 4

ONP | Home

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| Wind (mph) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Day 4

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Day 5

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Day 7

ONP | Home

Day 8

ONP | Home

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| Cloud Cover (%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| CATEGORY | **4** | **3** | **2** | **1** |
| Title | **Title clearly relates to the information being graphed. It is printed at the top of the graph.** | **Title relates to the information being graphed and is printed at the top of the graph.** | **A title is present at the top of the graph.** | **A title is not present.** |
| Labels | **Labels are neat and clear and accurately describe the information presented.** | **Labels are clear and describe the information presented.** | **The labels are present, but may not describe the information.** | **Labels are not present.** |
| Units | **All units are described and are appropriately sized for the data set.** | **Most units are described and are appropriately sized for the data set.** | **All units are described but are not appropriately sized for the data set.** | **Units are neither described NOR appropriately sized for the data set.** |
| Accuracy of Bars | **All bars are correct size and are easy to see. A ruler is used to neatly make the bars.** | **All bars are correct size and are easy to see.** | **All bars are correct size.** | **Bars are not correct size OR extra bars were included.** |
| Neatness and Attractiveness | **Exceptionally well designed, neat, and attractive. Colors that go well together are used to make the graph more readable. A ruler was used.** | **Neat and relatively attractive. A ruler was used to make the graph more readable.** | **Lines are neatly drawn but the graph appears quite plain.** | **Appears messy and "thrown together" in a hurry.**  |