

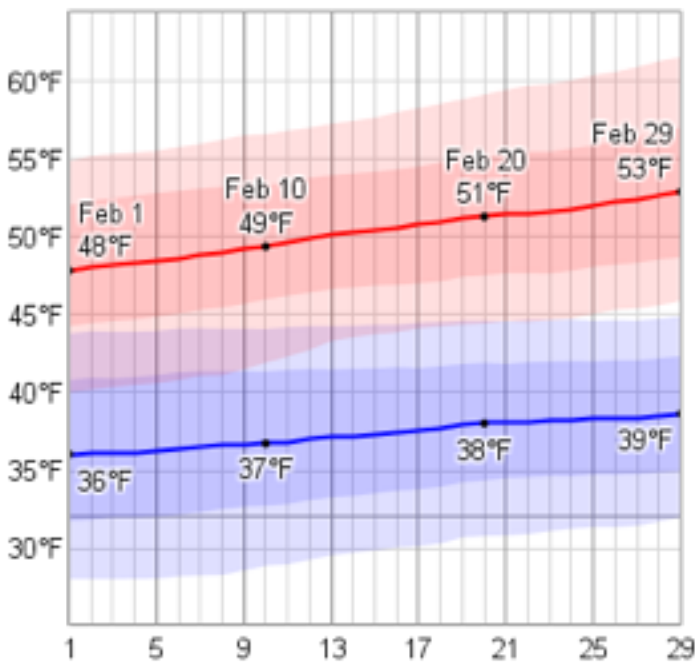
Graphing the temperature

A. Forecast from the *National Weather Service* - Friday 2/17- Thursday 2/23

Detailed Forecast	
Tonight	A 40 percent chance of showers, mainly before 4am. Patchy fog after 1am. Otherwise, mostly cloudy, with a low around 41. South wind 3 to 5 mph.
Friday	A 20 percent chance of showers before 10am. Patchy fog before 10am. Otherwise, partly sunny, with a high near 51. Light east southeast wind becoming northeast 8 to 13 mph in the morning.
Friday Night	A 30 percent chance of showers after 10pm. Mostly cloudy, with a low around 39. East northeast wind 8 to 14 mph, with gusts as high as 20 mph.
Saturday	A 30 percent chance of rain. Mostly cloudy, with a high near 48. Northeast wind around 7 mph becoming east southeast in the morning. New precipitation amounts between a tenth and quarter of an inch possible.
Saturday Night	A 40 percent chance of showers, mainly after 10pm. Mostly cloudy, with a low around 37. South southwest wind around 6 mph becoming calm in the evening. New precipitation amounts between a tenth and quarter of an inch possible.
Sunday	Rain likely. Cloudy, with a high near 48. Chance of precipitation is 70%.
Sunday Night	Rain likely. Cloudy, with a low around 39. Chance of precipitation is 60%.
Washington's Birthday	Rain. Cloudy, with a high near 50.
Monday Night	Showers likely. Cloudy, with a low around 39.
Tuesday	Showers likely. Cloudy, with a high near 49.
Tuesday Night	A chance of showers. Cloudy, with a low around 37.
Wednesday	A chance of showers. Cloudy, with a high near 49.
Wednesday Night	A chance of showers. Mostly cloudy, with a low around 34.
Thursday	A chance of showers. Mostly cloudy, with a high near 48.

B. Actual Weather - Friday 2/17- Thursday 2/23

Use the high temperatures from your data collection



C. Climate Averages - February

Temperature – The month of February is characterized by rising daily high temperatures, with daily highs increasing from 48°F to 53°F over the course of the month, exceeding 62°F or dropping below 40°F only one day in ten. **Use the high temperature in your graph.**

Questions to answer

1. How much did the weather change during the time?
2. Why do you think there is wind forecast for Tuesday and Wednesday?
- 3, What would expect to happen after Monday?
4. Was there wind during the week?
5. How close was the forecast to the actual weather?