

## Weather and Climate Notes

Name \_\_\_\_\_

1. Weather is the current state \_\_\_\_\_.
2. List four things that considered weather events:
3. List four kinds of precipitation:
4. VIDEO: About how big were the hail stones? (As big as....)
5. VIDEO: What do you think it means when a tornado “ropes out”?
6. VIDEO: Why did the lightning occur before the thunder?
7. Compare the speeds with which weather and climate change.
8. Climate is considered the \_\_\_\_\_ weather conditions over a \_\_\_\_\_.
9. List one kind of greenhouse gas that tends to increase atmospheric temperature.
10. This greenhouse gas is added to the air by what human process?
11. VIDEO: What are two kinds of fossil fuels? \_\_\_\_\_ and \_\_\_\_\_.
12. VIDEO: What is the evidence for global warming?
13. VIDEO: What is happening to Arctic sea ice?
14. VIDEO: What might happen if global temperatures continue to rise?
15. VIDEO: What can consumers do to help with the problem?
16. The \_\_\_\_\_ occurs when gases such as \_\_\_\_\_ trap the sun’s heat in the atmosphere, making it get warmer.