

Handout H10-1. Podcast for National Radio

Work with your partner(s) to create a 5-minute podcast for a national radio station that is run by and for teenagers. The year is 2000. The date is any day between Aug. 17 and Sept. 11 when a change in the weather affected fire spread. Look at records from the Storrie Fire in order to choose a date that might be interesting to report on.

You have the following sources of information:

- Daily narrative reports from the Incident Command Team (*Handout_H10-2_StorrieFireIncidentCommandTeamNarrative*)
- Four distinct sections in *Handout_H10-3_StorrieFireAndModelResultsAndClimateChangeData.pdf*:
 - Part 1 (Slide 2): Data on the Storrie Fire's growth and staffing levels each day
 - Part 2 (slides 3-6): Data on weather and fuel moisture during the time of the fire
 - Part 3 (slides 7-9): Graphics for predicting fire behavior based on model runs
 - Part 4 (slides 10-14): Information on global climate change.

NOTE: another source on climate change is *Handout_H10-4_FactSheet-ChangesInSnowmeltAndStreamflow.pdf*. Your teacher may provide it, or you can find it online at https://pubs.usgs.gov/fs/2005/3018/pdf/FS2005_3018.pdf.

You may obtain other information for this project too. If you do, be sure to record your sources, in case someone in your audience – or your teacher – asks for documentation.

You have 4 goals:

1. Give your audience some reason to care about the fire – some human-interest angle. (Perhaps they've been hearing about it in the national news. Perhaps they know people who live in the area where the fire is occurring. Perhaps you want to emphasize highway closures, safety and injuries, or evacuations. Perhaps you want to emphasize potential effects on timber values or wildlife habitat.) **Here are some resources you could use:** journal entries from fire managers in *Handout_H10-2_StorrieFireIncidentCommandTeamNarrative*; reports from newspapers, magazines, and other media on other wildland fires.
2. Let your national audience know about the fire's recent behavior and how the weather in the last day or two has changed it. **Resources:** Use *Handout_H10-2_StorrieFireIncidentCommandTeamNarrative* and Parts 1 and 2 of the *StorrieFireAndModelResultsAndClimateChangeData.(pptx or pdf)*.
3. Something that could have been different – much better or much worse – if the weather had been different. **Resources:** Use the model results in Part 3 of *StorrieFireAndModelResultsAndClimateChangeData.(pptx or pdf)* to answer questions

like, “What if the winds had gusted to 20 mph today?” or “What if the relative humidity had gone to 50% today?” or “How would fire behave differently in grassy areas vs. forest?”

4. Comment on whether some places in the world, including the Sierra Nevada, might see more fires like the Storrie Fire because of global climate change. **Resources:** Part 4 of *StorrieFireAndModelResultsAndClimateChangeData.(pptx or pdf)*.

Your podcast must include an introduction, transitions, a conclusion, and at least three appropriately placed sound effects. It will help to have a written outline or script before you record.

Be as creative as you can. This is your opportunity to be artistic, unique, and show what you have learned!