Monitoring Volcanoes & Communicating Hazards: Grading Rubric for Mount St. Helens Bulletin

Kaatje van der Hoeven Kraft (Whatcom Community College) & Rachel Teasdale (California State University – Chico)

*Write a bulletin explaining the data and risk assessment for this event for rangers at Mount St Helens to use in deciding areas of the park and visitors center to keep open or not.*

# Grading Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Category | Full points | Partial points | No points | Score |
| Title  | Provides a newspaper-worthy title (catchy, but not too obscure) that accurately captures the activity | Provides a title about the volcano, may not accurately reflect the activity | No title provided |  /1 |
| Description of scenario | 1-2 sentences that summarizes the events leading up to 2004 activity | Too brief (or too long) of a summary of events leading up to 2004 activity | No scenario provided |  /2 |
| Data description | Accurately defines what GPS, Seismic and LiDAR are as they pertain to volcanoes | Accurately defines at least one of the data types as they pertain to volcanoes | Does not define the data  |  /3 |
| Data analysis | Describes how the GPS, Seismic and LiDAR data all support the “current” volcanic activity | Describes how at least one of the data support the “current” volcanic activity | No connection between data and activity is provided |  /3 |
| Other resources to learn more | Provides at least one appropriate and reliable resource for additional information about this event that is other than those provided by instructor | Provides a resource that may not provide helpful information about this event | Does not provide a resource. |  /1 |
|  |  |  |  |  /10 |