

Climate Project Rubric

- All components are present: typed report, 3 climographs, Map
- Typed report is organized into paragraphs
- Essay meets expectations required to be graded

	4 <i>(Exceeding)</i>	3 <i>(Proficient)</i>	2 <i>(Approaching)</i>	1 <i>(Developing)</i>
Mapping		Student made 0 mistakes	Student made 1-2 mistakes	Student made 3-4 mistakes
Graphing	Graphs are accurate and show excellent commitment to quality. No mistakes.	Graphs are mostly accurate but there are a few minor mistakes	One graph has significant errors OR lack of commitment to quality impedes ability to visualize data	Several graphs have significant errors
Introduction	Student correctly EXPLAINS the appropriate latitudinal patterns of temperature and precipitation of their cities	Student correctly EXPLAINS the latitudinal pattern of temperature and STATES the pattern of precipitation of their cities.	Student correctly IDENTIFIES the appropriate latitudinal pattern of temperature and precipitation of their cities.	Student incorrectly identifies the latitude pattern of EITHER temperature or precipitation
Comparing Coastal and Inland Cities	In addition to criteria for a 3, the student explains the climatic factors influencing BOTH cities	Student compares the city climates using at least 2 details with data AND correctly explains WHY the climate differences exist based on one climatic factor	Student does not compare cities with sufficient or accurate data OR Student does not correctly EXPLAIN why differences exist	Student does not compare cities with sufficient or accurate data OR Student does not correctly STATE why differences exist
Comparing Inland and Mountainous Cities	In addition to criteria for a 3, the student explains the climatic factors influencing BOTH cities	Student compares the city climates using at least 2 details with data AND correctly explains WHY the climate differences exist based on one climatic factor	Student does not compare cities with sufficient or accurate data OR Student does not correctly EXPLAIN why differences exist	Student does not compare cities with sufficient or accurate data OR Student does not correctly STATE why differences exist
MS-ESS2-6 Overall	Student showed proficiency in all categories and exceeding in at least 2 categories.	Student showed proficiency in all categories. No more than one approaching score.	Student was approaching proficiency in several categories. No more than one developing score.	Student showed developing proficiency on several categories.