

Plumas County 2026 Hazard Identification Assessment

Hazard	Geographic Extent	Probability of Future Occurrences	Magnitude/Severity	Significance	Climate Change Influence
Ag Hazard: Severe Weather/ Pests/Weeds					
Climate Change	Extensive	Likely	Limited	Medium	--
Dam Failure	Extensive	Unlikely	Critical	High	Medium
Drought & Water Shortage (w/tree mortality)	Extensive	Likely	Limited	Medium	High
Earthquake	Extensive	Unlikely/Occasional	Catastrophic	Medium	Low
Flood: 1%/0.2% annual chance (w/ levee failure)	Significant	Occasional/Unlikely	Critical	High	Medium
Flood: Localized Stormwater	Significant	Highly Likely	Negligible	Medium	Medium
Haz Mat Transportation	Significant	Occasional	Critical	Medium	Low
Landslide, Mudslide, and Debris Flow	Significant	Likely	Negligible	Medium	Medium
Severe Weather: Extreme Cold, Freeze, and Snow (w/ avalanche)	Extensive	Highly Likely	Negligible	Medium	Medium
Severe Weather: Extreme Heat	Extensive	Highly Likely	Negligible	Medium	Low
Severe Weather: Heavy Rains and Storms	Extensive	Highly Likely	Limited	Medium	Medium
Severe Weather: High Winds and Tornadoes	Extensive	Highly Likely	Limited	Medium	Low
Volcano	Extensive	Unlikely	Critical	Low	Low
Wildfire (w/smoke and air quality)	Extensive	Highly Likely	Catastrophic	High	Medium
Geographic Extent	Magnitude/Severity				
<i>Limited:</i> Less than 10% of planning area	<i>Catastrophic:</i> More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths				
<i>Significant:</i> 10-50% of planning area	<i>Critical:</i> 25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability				
<i>Extensive:</i> 50-100% of planning area	<i>Limited:</i> 10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability				
Likelihood of Future Occurrences	<i>Negligible:</i> Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid				
<i>Highly Likely:</i> Near 100% chance of occurrence in next year, or happens every year.	Significance				
<i>Likely:</i> Between 10 and 100% chance of occurrence in next year, or has a recurrence interval of 10 years or less.	<i>Low:</i> Minimal potential impact				
<i>Occasional:</i> Between 1 and 10% chance of occurrence in the next year, or has a recurrence interval of 11 to 100 years.	<i>Medium:</i> Moderate potential impact				
<i>Unlikely:</i> Less than 1% chance of occurrence in next 100 years, or has a recurrence interval of greater than every 100 years.	<i>High:</i> Widespread potential impact				
	Climate Change Influence				
	<i>Low:</i> Minimal potential impact				
	<i>Medium:</i> Moderate potential impact				
	<i>High:</i> Widespread potential impact				