

A Short History of Mount Rainier Volcano continued...

Summary of Notable Events - 11,000 Years ago to present

Eruptive Period	Age or Date	Event	
Historic activity	A.D. 1980's to present	Several dozen debris flows in river valleys that head on Mount Rainier	
	A.D. 1963	Rock fall avalanche from Little Tahoma Peak	
	A.D. 1947	Debris flow and runout flow of glacial-outburst origin in Kautz Creek	
	A.D. 1930's to 1950's	Multiple debris flows in Nisqually valley	
	A.D. 1910-1927	Rock avalanche on Tahoma Glacier	
	A.D. 11894-1895	Reports of small steam and ash eruptions at summit	
	500 years ago	Rock avalanche-induced Electron Mudflow in Puyallup/Nisqually river valleys; no documented association with volcanic eruptions	
Fryingpan Creek eruptive episode	1,100 to 1,000 years ago	Lahar down Puyallup River at least as far as its confluence with Mowich River	National Lahar in Nisqually River valley sometime between 2,200 and 500 years ago
		Tephra and lahars in White River valley as far as Kautz Creek	
Twin Creeks eruptive episode (Deadman Flats)	1,500 years ago	Tephra and lahars in valleys of the White River and Kautz Creek	
Summerland eruptive period	2,000 years ago	Lava flows formed summit cone, Columbia Crest	
	2,200 years ago	Eruption of Layer C tephra	
	2,200 to 2,600 years ago	Lahar in Nisqually River valley deposits sandy layers	
	2,400 to 2,500 years ago	Eruption of block-and-ash flow in Puyallup River valley; Eruption of tephra layers	
	2,600 years ago	Lahar-Round Pass mudflow descended Puyallup valley to Puget Sound lowland. Part of it descended Tahoma Creek and the Nisqually River	
	2,200 to 2,700 years ago	Multiple lahars in White River Valley	
Osceola eruptive period	4,500 years ago	Eruption of tephra layer B	
	4,700 years ago	Eruption of tephra layer H	
	5,600 years ago	Lahar- Osceola Mudflow in White River's main branch and West Fork extended to Puget sound lowland. Eruption of tephra layer F; Paradise Lahar (part of the Osceola Mudflow) in Nisqually River Valley, extended as far as the community of National	
	>5,600 years ago	Eruption of tephra layer S	
Cowlitz eruptive period	6,700 years ago	Eruption of tephra layers N and D	
	7,200 to 7,400 years ago	Eruption of volcanic bomb-bearing rocks and lahars in White River Valley	
	7,200 to 7,400 years ago	Rock avalanche-induced lahar down the Nisqually River and at Reflection Lakes	
	7,200 to 7,400 years ago	Eruption of tephra layers L and A	
Sunrise eruptive period	11,000 years ago	Eruption of tephra layers L and R	

Table 1—Summary of Notable Events at Mount Rainier, approximately 11,000 Years Ago to Present