

Table 3I-6. Effects on Tufa Towers Compared to the Point of Reference

Alternative or Condition	South Tufa Grove Towers Toppled (%)	Tufa Towers Submerged (%) ^a				
		South Tufa Grove	County Park Grove	Lee Vining Grove	Wilson Grove	Old Marina Grove
No restriction	0	0	0	0	0	0
6,372 Ft	0	0	0	-3 ^b /0	0	0
6,377 Ft	1-2	2/?	5/0	3/0	0	?
6,383.5 Ft	3-5	5-9/?	30/5	50/10	30/0	100/?
6,390 Ft ^c	50*	20/?	40/5	60/18*	40/0	100/?
6,410 Ft ^c	100*	100/100*	100/90*	100/100*	65/30*	100/100*
No diversion ^c	100*	100/100*	100/100*	100/100*	765/30*	100/100*

* Significant adverse impact (more than 10% totally inundated or toppled and inundated).

^a First figure is for tower base submergence; second figure is for total tower submergence.

^b Emergence.

^c All sand tufa would be destroyed under these alternatives.

Source: Developed from Stine 1992a (Mono Basin Auxiliary Report No. 9).