

# Berkeley RadWatch

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## Snowmelt Measurement

### Navigation

- [Latest News](#)
- [Realtime Air Monitoring](#)
- [Environmental Monitoring](#)
- [About RadWatch](#)
- [BRAWM Data \(2011-2013\)](#)
- [KelpWatch](#)
- ▶ [Frequently Asked Questions / Ask A Question](#)
- [Contact](#)
- [Who We Are](#)
- [Trending](#)
- [Donate!](#)

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[Back to Main UCB Air and Water Sampling Page](#)

The sample in the table below was taken from a waterfall feeding [Hetch-Hetchy Reservoir](#), which provides water to San Francisco. The water is snowmelt from the Sierra Nevada mountains.

The snowmelt measurement was done with the same setup as the [Rainwater Collection Experiment](#).

Collection Date	Sample Volume	I131	I132	Cs134	Cs137	Te132	Data
	Liters	Bq/L (liters**)	Bq/L (liters**)	Bq/L (liters**)	Bq/L (liters**)	Bq/L (liters**)	
06/19/2011 17:00	1.24	less than MDA [MDA=0.07]	less than MDA [MDA=0.39]	less than MDA [MDA=0.08]	less than MDA [MDA=0.10]	less than MDA [MDA=0.18]	<a href="#">data</a>

\*\* The number in parentheses is the number of liters of tap water that one would need to consume to equal the radiation exposure of a single round trip flight from San Francisco to Washington D.C. (0.05 mSv). To see how we calculate these numbers, please visit [our explanation of the equivalent dose calculation](#).

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