Big Creek Project 2023 Water Year Outlook

Southern California Edison values our relationship with the local community and understands the impact that our operations can have on the local economy and those enjoying the many recreation opportunities in the area. To help facilitate our partnership with the community, SCE has prepared answers to frequently asked questions. Included with this list is precipitation data from the Department of Water Resources for the San Joaquin Basin for the year as well as a table with the forecasted lake levels on the Big Creek System for the 2023 water year. Southern California Edison's number one priority is the safety of its customers, employees and the communities it serves. We hope this helps the community plan for a safe and enjoyable recreation season.

How does SCE forecast the levels for the lakes in the Big Creek System?

The six main lakes on the Big Creek System (Lake Thomas Edison, Florence Lake, Huntington Lake, Shaver Lake, Mammoth Pool Reservoir and Redinger Lake) are fed by snowmelt. SCE conducts snow surveys in the region and compares that data with other agencies in the state to determine the amount of water in California's snowpack. This data is put into models to estimate when and how much water will be coming into the reservoirs. SCE compares its forecasts with other agencies and balances the predicted available water with dam safety, FERC license and contractual requirements, recreation needs, maintenance requirements and forecasted energy demand to develop a plan for each lake.

How much snow did we get this winter?

This year is currently tracking to be one of the wettest years on record. The April 1 average snowpack for San Joaquin River Basin was at 235% of average. The overall runoff forecast for the San Joaquin river Basin into Millerton Lake is around 250% of average.

Do the high number of storms we had this year mean that SCE can keep the lakes full?

Yes, lake levels will generally be high this season due to the wet water year. You can find the forecasted reservoir levels below.

Where can I find more information about water conditions and lake levels?

For current water conditions and hydrology information see the Department of Water Resources Data Exchange Center website: <u>http://cdec.water.ca.gov</u>

Up to date lake levels for the Big Creek Project and flow information can be found on SCE's public water flow and levels website: <u>http://kna.kisters.net/scepublic</u>

Who can I contact if I have additional questions?

For more information or updates please contact our Local Public Affairs Region Manager-Brian Thoburn - (559) 685-3240 - Brian.Thoburn@sce.com

First of Month Reservoir Elevation (feet above mean sea level)								
	Мау	June	July	August	September	October	November	December
Lake Edison	7,557	7,587	7,629	7,630	7,618	7,599	7,585	7,578
Florence	7,268	7,327	7,327	7,327	7,325	7,323	7,300	7,268
Huntington	6,917	6,947	6,949	6,949	6,949	6,942	6,939	6,920
Shaver	5,346	5,368	5,369	5,369	5,355	5,338	5,330	5,332
Mammoth Pool	3,332	3,332	3,332	3,330	3,330	3,274	3,256	3,210
Redinger	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400

First of Month Reservoir Storage Volume (Acre Feet)									
	Мау	June	July	August	September	October	November	December	
Lake Edison	7,480	36,780	99,920	102,330	81,840	52,910	34,130	26,660	
Florence	16,670	63,810	63,810	63,810	61,920	60,120	39,720	16,820	
Huntington	47,080	84,280	87,790	87,790	87,380	78,210	74,320	50,720	
Shaver	86,510	131,710	133,060	133,060	104,760	73,520	60,490	63,230	
Mammoth Pool	121,620	121,730	121,950	120,090	119,920	67,330	53,540	26,150	
Redinger	24,770	24,770	24,770	24,770	24,770	24,770	24,770	24,770	

First of Month Reservoir Percent of Full Capacity									
	Мау	June	July	August	September	October	November	December	
Lake Edison	6%	29%	80%	82%	65%	42%	27%	21%	
Florence	26%	99%	99%	99%	96%	93%	61%	26%	
Huntington	54%	96%	100%	100%	99%	89%	84%	58%	
Shaver	64%	97%	98%	98%	77%	54%	45%	47%	
Mammoth Pool	102%	102%	102%	100%	100%	56%	45%	22%	
Redinger	99%	99%	99%	99%	99%	99%	99%	99%	



San Joaquin Precipitation: 5-Station Index, April 26, 2023