

Water Watch 2020-2021

Water Watch Report for the 2020-2021 Season – Great Salt Lake Drainage Area

NOTE: Water Year is October 1 through May 31

Lake Level Data		Gain/Loss
Lake Level September 30, 2020	4190.3' msl	-0.8''
Lake Level January 1, 2021	4192.2' msl	-1.9'
Lake Level October 1, 2020	4192.5' msl	2.2'
Highest Recorded Stable Lake Level for Water Year	4192.7' msl	-2.4'
Lowest Recorded Stable Lake Level for Water Year	4190.3' msl	-0.0
Salinity South Half – Gilbert Bay	16%	

Current Precipitation Statistics	
Precip. % of Normal for September 2021	116%
Precipitation % of Normal for Water Year	73%
Precipitation % of Normal Since January 1 2018	87%
We received the equivalent moisture (water year to)	May 2, 2019

Snowpack Statistics to April 1	2021	2020
Snowpack % of Normal for Whole GSL Drainage Area		106.6%
Snowpack % of Normal for Bear River Basin		
Snowpack % of Normal for Weber/Ogden		
Snowpack % of Normal for Provo/Jordan		

Precipitation Summary	Calendar Year	Water Year
Normal Annual Precipitation	16.5''	13.02''

How Much Did We Receive	9.64'''	7.9''
Percentage Received Towards Our Goal	58%	61%
How Short Did We End Up	6.86''	5.12''

Monthly Precp/Wind Summary	Normal Precip.	Precip for Month	% of Normal	Highest Gust	Note
October	1.57''	0.28''	18%	45mph	Very Dry
November	1.4''	0.69''	49%	70mph Nov. 18	Dry
December	1.23''	0.34''	28%	25mph Dec. 17	VERY DRY
January	1.37''	0.85''	62%	46mph Jan. 29	Late rebound
February	1.25''	1.75''	128%	50mph Feb. 3	Great month!
March	1.91''	1.55''	81%	60mph March 20	Below average
April	2.02''	1.79''	81%	42mph April 5	Late rebound
May	2.09''	0.65''	32%	55mph May 21	Devastatingly dry!
June	0.77''	0.1''	13%	61mph June 10	Extremely Dry
July	0.72''	0.4''	56%	51mph July 21	Record Low Lake Level
August	0.76''	1.78''	234%	62mph Aug. 17	Phenomenal Month
September	1.33''	0.14''	11%	48mph Sept. 10	Very dry

Strongest Gust Ever Recorded at GSL Marina	214mph on January 2005
Strongest Gust for 2020/2021 Water Year	70pmh Nov. 18
Strongest Gust for 2019/2020 Water Year	83mph January 17
Strongest Gust for 2018/19 Water Year	72mph February 4
Strongest Gust for 2017/18 Water Year	80mph April 16
Strongest Gust for 2017	90mph June 12 2017
Strongest Gust for 2016	81mph Feb. 18
Strongest Gust for 2015	81mph April 14
Strongest Gust for 2014	79mph Nov. 1
Strongest Gust for 2013	78mph April 2

Strongest Gust for 2012	65mph Jan. 10
Strongest Gust for 2011	88mph March 26
Strongest Gust for 2010	90mph April 28
Strongest Gust for 2009	89mph August 6
Strongest Gust for 2008	78mph April 2
Strongest Gust for 2007	104mph