

# Water Watch 2019-2020

Water Watch Report for the 2019-2020 Season – Great Salt Lake Drainage Area

NOTE: Water Year is October 1 through May 31

<b>Lake Level Data</b>		<b>Gain/Loss</b>
Lake Level September 30, 2019	4192.4' msl	-0.8''
Lake Level January 1, 2018	4193.7' msl	-1.3'
Lake Level October 1, 2017	4193.2' msl	-0.8'
Highest Recorded Stable Lake Level for Water Year	4194.8' msl	-2.4'
Lowest Recorded Stable Lake Level for Water Year	4192.4' msl	-0.0
Salinity South Half – Gilbert Bay	14%	

<b>Current Precipitation Statistics</b>	
Precip. % of Normal for September 2018	26%
Precipitation % of Normal for Water Year	68%
Precipitation % of Normal Since January 1 2018	65%
We received the equivalent moisture (water year to)	May 2, 2019

<b>Snowpack Statistics to April 1</b>	2020	2019
Snowpack % of Normal for Whole GSL Drainage Area	106.6%	124.6%
Snowpack % of Normal for Bear River Basin	110%	116%
Snowpack % of Normal for Weber/Ogden	99%	134%
Snowpack % of Normal for Provo/Jordan	104%%	141%

<b>Precipitation Summary</b>	<b>Calendar Year</b>	<b>Water Year</b>
Normal Annual Precipitation	16.5''	13.02''

How Much Did We Receive	7.67"	8.51"
Percentage Received Towards Our Goal	46%	65%
How Short Did We End Up	.883"	4.51"

Monthly Precp/Wind Summary	Normal Precip.	Precip for Month	% of Normal	Highest Gust	Note
October	1.57"	.82"	43%	64mph Oct. 17	Dry
November	1.4"	1.17"	84%	27mph Nov 11	Late rebound
December	1.23"	1.59"	129%	43mph	Great month
January	1.37"	1.78"	130%	83mph Jan 17	Great month
February	1.25"	1.25"	100%	40mph Feb. 24	Average
March	1.91"	1.53"	85%	63mph March 7	Below normal. 5.7 magnitude earthquake March 18. GSL Marina was in the epicenter zone
April	2.02"	0.26"	13%	60mph April 6	Devastating month!
May	2.09"	0.40"	19%	70mph May 19	Devastatingly dry!
June	0.77"	2.71"	352%	68mph June 13	Stellar month! Record rain fall for GSL Marina
July	0.72"	0.26"	36%	64mph July 27	Very dry
August	0.76"	0.1"	14%%	58mph Aug 25	Horribly dry!
September	1.33"	0.19"	26%	62mph Sept. 8	Very dry

<b>Strongest Gust Ever Recorded at GSL Marina</b>	<b>214mph on January 2005</b>
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