

# Water Watch 2017-2018

Water Watch Report for the 2018-2018 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, 2017	4192.4' msl	-1.1'
Lake Level January 1, 2018	4193.9' msl	-1.5'
Lake Level October 1, 2017	4193.5' msl	-1.1'
Highest Recorded Stable Lake Level for Water Year	4194.8' msl	-2.4'
Lowest Recorded Stable Lake Level for Water Year	4192.5' msl	0
Salinity South Half – Gilbert Bay	14%	

<b>Current Precipitation Statistics</b>	
Precip. % of Normal for September 2018	0%
Precipitation % of Normal for Water Year	71%
Precipitation % of Normal Since January 1 2018	81%
We received the equivalent moisture (water year to)	April 25

<b>Snowpack Statistics to April 1</b>	2018	2017
Snowpack % of Normal for Whole GSL Drainage Area	46.2%	163%
Snowpack % of Normal for Bear River Basin	57%	178%
Snowpack % of Normal for Weber/Ogden	28%	136%
Snowpack % of Normal for Provo/Jordan	32%	145%

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

How Much Did We Receive	11.22"	9.76"
Percentage Received Towards Our Goal	68%	75%
How Short Did We End Up	8.13"	3.26%

Monthly Precp/Wind Summary	Normal Precip.	Precip for Month	% of Normal	Highest Gust	Note
October	1.57"	.9"	68%	69mph Oct. 31	Dry
November	1.4"	1.17"	84%	60mph Nov. 27	Dry
December	1.23"	0.78"	63%	57mph Dec. 3	Dry
January	1.37"	0.78"	57%	51mph Jan. 25	Dry
February	1.33"	1.05"	77%	48mph Feb. 18	Dry
March	1.91"	2.72"	142%	78mph March 22	Rebound!
April	2.02"	1.91"	95%	80mph April 16 (suspected higher in Tooele Twisters)	Close to normal precip.
May	2.09"	1.26"	60%	62mph May 31	Dry
June	0.77"	0.01"	1%	61mph June 9	VERY DRY!
July	0.72"	0.19"	26%	49mph July 9	Very Dry!
August	0.76"	0.50"	66%	48mph Aug. 22	Dry
September	1.33"	0.0"	0%	71mph Sept. 15	EXTREMELY DRY!

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