

Water Watch 2018-2019

Water Watch Report for the 2018-2019 Season – Great Salt Lake Drainage Area

NOTE: Water Year is October 1 through May 31

Lake Level Data		Gain/Loss
Lake Level September 30, 2019	4193.2' msl	+0.7'
Lake Level January 1, 2018	4192.3' msl	+0.9'
Lake Level October 1, 2017	4192.5' msl	+0.7'
Highest Recorded Stable Lake Level for Water Year	4194.7' msl	-1.5'
Lowest Recorded Stable Lake Level for Water Year	4192.2' msl	+1.0'
Salinity South Half – Gilbert Bay	14%	

Current Precipitation Statistics	
Precip. % of Normal for September 2018	102%
Precipitation % of Normal for Water Year	148%
Precipitation % of Normal Since January 1 2018	102%
We received the equivalent moisture (water year to)	Jan 21, 2020

Snowpack Statistics to April 1	2019	2018
Snowpack % of Normal for Whole GSL Drainage Area	124.6%	46.2%
Snowpack % of Normal for Bear River Basin	116%	57%
Snowpack % of Normal for Weber/Ogden	134%	28%
Snowpack % of Normal for Provo/Jordan	141%%	32%

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

How Much Did We Receive	16.81"	19.31"
Percentage Received Towards Our Goal	102%	148%
How Short Did We End Up	-.31"	-6.29"

Monthly Precp/Wind Summary	Normal Precip.	Precip for Month	% of Normal	Highest Gust	Note
October	1.57"	2.50"	159%	35 mph October 2	Great Month!
November	1.4"	0.88"	63%	50mph Nov. 24	Dry
December	1.23"	1.28"	91%	40mph Dec. 12	Average
January	1.37"	1.76"	126%	50mph Jan 7	Awesome Month!
February	1.33"	1.26"	95%	72mph Feb. 4	Average
March	1.91"	3.96"	207%	48mph March 22	Awesome Month!
April	2.02"	3.45"	171%	37mph March 28	Exceeded Hopes!
May	2.09"	3.78"	187%	61mph May 15	Great Month!
June	0.77"	0.15"	19%	57mph June 6	VERY DRY!
July	0.72"	0.41"	41%	53mph July 13	Dry
August	0.76"	0.49"	64%	41mph Aug. 19	Hot & Dry
September	1.33"	1.55"	117%	64mph Sept. 18	Late Rebound

Strongest Gust Ever Recorded at GSL Marina	214mph on January 2005
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