

Water Watch 2016-2017

Water Watch 2016-2017 Season

25-Sep-17

NOTE: Water Year is October 1 through May 31

Lake Level Data		Gain/Loss
Current Lake Level	4193.6'	
Lake Level - January 1	4192.2'	+1.4'
Lake Level - October 1	4192.4'	+1.4'
Highest Recorded Stable Level for Water Year	4195.4'	-1.8'
Lowest Recorded Stable Level for Water Year	4192.2'	+1.4'
Salinity South Half - Gilbert Bay	12%	

CURRENT PRECIPITATION STATISTICS	
Precipitation % of Normal for the Month (to date)	159%
Precipitation % of Normal for the Water Year	115%
Precipitation % of Normal Since January 1	118%
We have received the equivalent moisture (Water year to)	Nov. 9

CURRENT SNOWPACK STATISTICS	
Snowpack % of Normal for Whole GSL Drainage Area	0%
Snowpack % of Normal for Bear River Basin	0%
Snowpack % of Normal for Weber/Ogden Basin	0%
Snowpack % of Normal for Provo/Jordan	0%

PRECIPITATION SUMMARY	Calendar Year	Water Year
Normal Annual Precipitation	16.5"	13.02"
How Much Have We Received So Far?	13.87"	15.64"
Percentage Received So Far Towards Our Goal	84%	120%
How Much Do We Need To Make Our Goal?	2.63"	-2.62"

MONTHLY PRECIPITATION / WIND SUMMARY

MONTHLY PRECIPITATION / WIND SUMMARY	Normal Precip.	Precip for Month	% of Normal	Highest Gust	Note
October	1.57"	.9"	68%	69mph Oct 31	Dry
November	1.4"	1.76"	126%	66mpoh Nov 18	Recovery!
December	1.23"	1.98"	161%	57mph Dec 16	Huge Month!
January	1.37"	1.97"	144%	69mph Jan 9	Huge Month!
February	1.33"	1.69"	127%	67mph Feb 21	Great Month!
March	1.91"	3.51"	184%	80mph March 5	WOW!
April	2.02"	3.22"	159%	82mph April 13	Huge Month!
May	2.09"	.61"	29%	56mph May 12	Dry!
June	.77"	.25"	32%	90mph June 12	Dry!
July	.72"	.5"	69%	49mph July 26	Dry!
August	.76"	.07"	10%	42mph Au 9	Dry!
September	1.33"	2.04"	153%	46mph Sep 18	Great Month!

ANNUAL WIND REPORT

Strongest Gust Ever Recorded at GSL Marina	214 on Janury 2005
Strongest Gust for 2017	90mph June 12
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 Aug 6
Strongest Gust for 2008	78mph April 2
Strongest Gust for 2007	104 mph