

# Lake Level Data 2005 & 2010-2016 with Rainfall comparisons for 2011 & 2016

- Up until this summer, 2005 was the lowest lake level since I started taking measurements in 2002 so I have included it here with the data for the past 7 years for comparison.
- The most significant factor affecting lake level is the amount of rainfall. In the hot summer months of July and August, in the absence of rain, the lake level drops by 2 cm a day mainly due to evaporation. When it does rain, the lake rises by 3 cm for every cm of rain received. Compare the daily rainfall below from a summer when the lake levels stayed high (2011) to this past year. Lack of significant rainfall in July and August is the main factor underlying the current low level of the lake.

*–Melanie Dobson, 2016*

# Williams Lake Water Levels 2005 and 2010-2016





