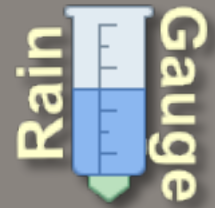




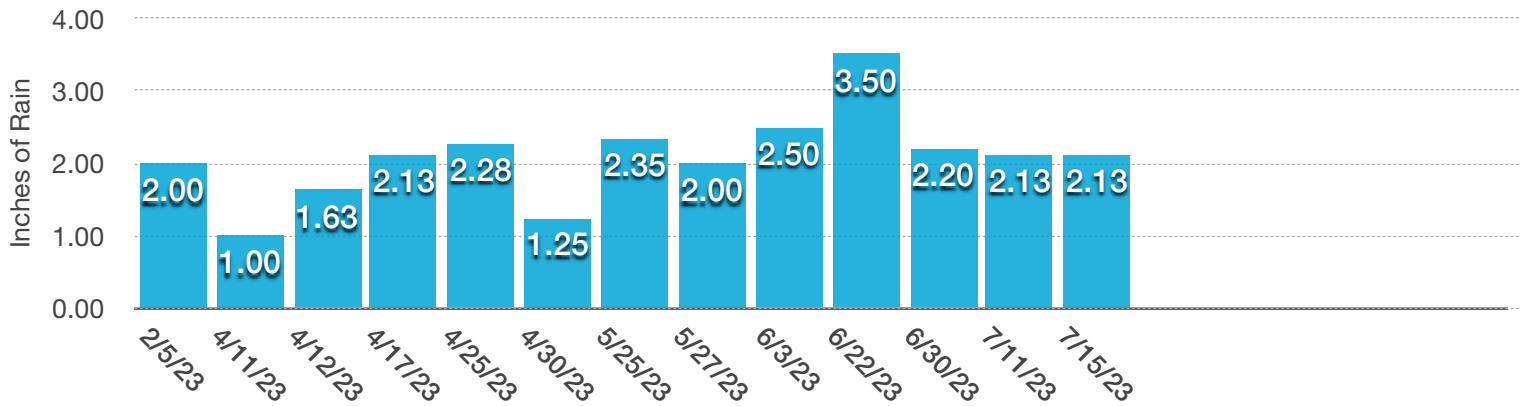
Rain Gauge LOG 2023

For Recording Rain Events over 1"



These are readings gathered from Sugarhill resident's rain gauges. Please don't expect perfection. **We won't be individually listing totals less than 1".** We will list 1"+ accumulations of small events that build up in the gauge (the accuracy of small events accumulated over time is dependent on evaporation in the gauge from day to day). The main purpose for this log is to monitor Sugarhill drainage systems and retention as it relates to the size of specific major events.

RAIN READINGS (INCHES)



TOTAL ALL 1"+ EVENTS

27.08

HIGHEST OF ALL

3.50

READ & EMPTY DATE	APX. RAIN DURATION TIME	INCHES	NOTES	SUGARHILL DRAINAGE
2/5/23	25h	2.00	First rain of the year. Most of it in less than 8 hours.	
4/11/23	1560h	1.00	65 days and barely 1"	All normal canals dry and tennis court lakes very low
4/12/23	72h	1.63	On and off rain over 3 days	
4/17/23	5h	2.125	3 hr violent storm on 4/16 with tornado watch and exceptional lightning	Drain canals cleared all the water within 1/2 hour.
4/25/23	192h	2.28	Much of this rain 1.5" fell on 4/25 in about 2 hours. The rest had accumulated in the gauge over 7 days.	Not much standing water in canals. Lakes are close to full.
4/30/23	120h	1.25	On and off rain over 5 days.	Some canals are beginning to hold water as they are intended to do.

READ & EMPTY DATE	APX. RAIN DURATION TIME	INCHES	NOTES	SUGARHILL DRAINAGE
5/25/23	6h	2.35	2" at night 1/3" in gauge since last empty.	Some canal filling but receded fast.
5/27/23	6h	2	Big overnight rain	Canals now beginning to hold water although a small amount.
6/3/23	48h	2.5	2 days on and off of downpours	The main drain canal has now started to fill. It has not made it to the drain pipe yet.
6/22/23	336h	3.5	2 weeks accumulation	Main drain outfall pipe still has 1+ foot of canal filling before it begins to drain
6/30/23	168h	2.2	1+ week accumulation	All reserve lakes and canals have water in them but the outfall pipe is apx 1 ft from draining.
7/11/23	72h	2.125	Most in 1 afternoon	Reserve areas continue to fill.
7/15/23	48h	2.125	2 days on and off of downpours	The retention lakes & canals are still 9" from flowing out the outfall pipe.