

Rainwater Harvest Performance Profile

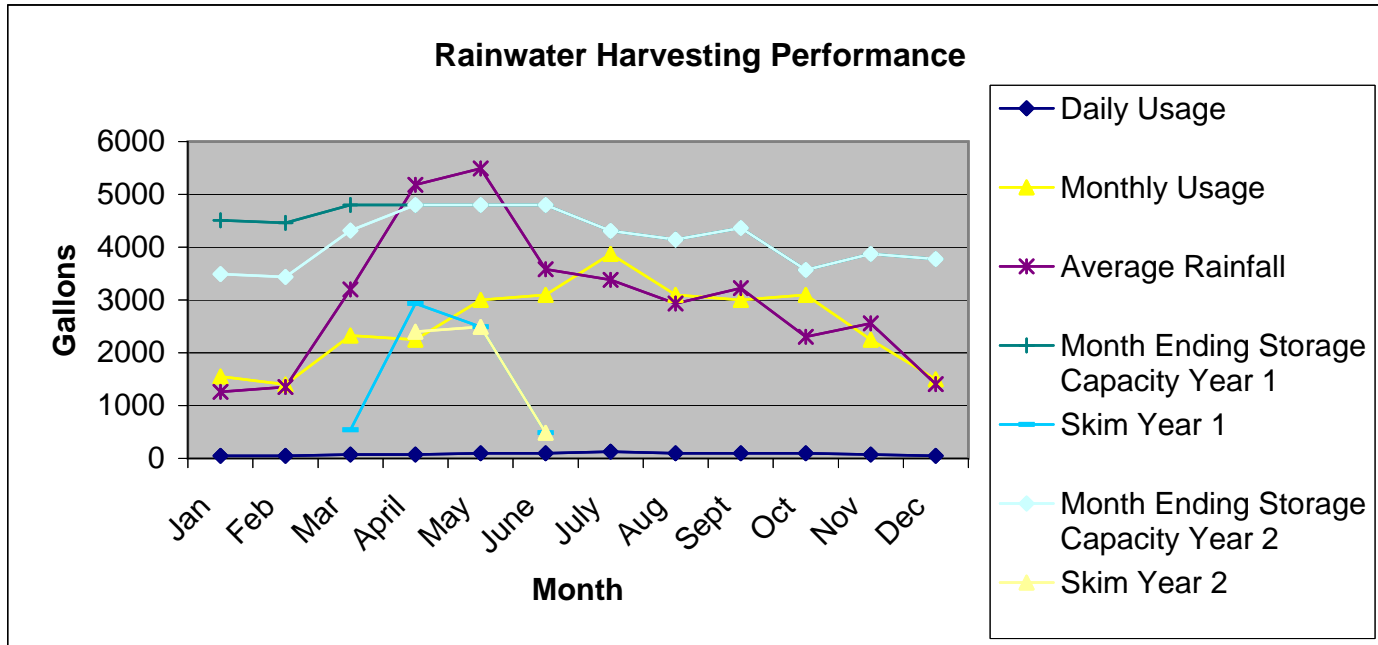
(*Assuming Boulder co avg/yr Rainfall at 19.93 inches and a 4800 gal storage capacity)

Assuming there is 3000 sq/ft of collection area with 19.93 inches of rainfall annually we harvest 1800 gallons of collected rainwater per inch of rainfall or 35,874 gallons per year

Rainwater Use, Harvesting, and Storage (in gallons)

Month	Daily Usage	Monthly Usage	Average Rainfall	Capacity Year 1	Skim	Capacity Year 2	Skim
Jan	50	1550	1260	4510		3488	
Feb	50	1400	1350	4460		3438	
Mar	75	2325	3203	4800	538	4316	
April	75	2250	5184	4800	2934	4800	2400
May	100	3000	5490	4800	2490	4800	2490
June	100	3100	3584	4800	484	4800	484
July	125	3875	3384	4309		4309	
Aug	100	3100	2934	4143		4143	
Sept	100	3000	3222	4365		4365	
Oct	100	3100	2304	3569		3569	
Nov	75	2250	2555	3874		3874	
Dec	50	1500	1404	3778		3778	

Capacity = 4800 gallons of storage minus usage plus average rainfall
 skim = water over 4800 gallons



* Information collected from NOAA - <http://www.cdc.noaa.gov/boulder/Boulder.mm.precip.html>