

How much water does your sprinkler use? Find out with... Sprinkler MATH!



\times	\times	$=$
# OF SPRINKLER HEADS ON YOUR PROPERTY	# OF GALLONS PER MINUTE (SEE ABOVE)	# OF MINUTES SCHEDULED PER USE
		# OF GALLONS CONSUMED PER USE

\div	100	\times	1.5	\times	$=$
# OF SQUARE FEET OF IRRIGATED LAWN	DIVIDE TO CALCULATE # OF 10x10' AREAS		# OF GALLONS PER MINUTE (SEE ABOVE)	# OF MINUTES SCHEDULED PER USE	# OF GALLONS CONSUMED PER USE



Allen typically gets
38 inches of rain
each year - nearly
3/4 inch per week!



During the growing
season, your lawn
only needs a half
inch per week.

THE LESSON

If you don't want
to waste your water, only
use irrigation when it's ex-
tremely hot or dry.

FOR MORE WATERING TIPS, VISIT CITYOFALLEN.ORG/OUTDOORWATERING

City of Allen Sprinkler Math Publication

High water bill calls, as well as widespread media coverage on the large increase of water bills in August and September of 2015 prompted a need to educate the public on the real reason for the high bills. The city was accused of faulty meters, inaccurate reads and other items in both newspapers and news broadcasts. The city spent numerous hours on meter tests, leak detections, and resident calls and emails on the high water bill issue. Most meters were found to be correct with no apparent leaks.

The real culprit of the high water bills was the automatic sprinkler system. The summer of 2014 had water restrictions that limited the use of sprinklers in Allen to once every two weeks. In May of 2015, this restriction was lifted, and sprinkler use was allowed up to two times each week. It was very hard to convince residents that sprinkler systems used this much water. To combat calls in the summer of 2016, the Sprinkler Math illustration was developed.



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