

## DROUGHT UPDATE

*JPA Landscape & Construction, Inc.*

The **2020 / 2021** is the worst recorded rainfall year in the last **130 years** of California as a whole. See graph above. Rain fall recording start each July 1<sup>st</sup> and run through to June 30<sup>th</sup>. When studying the graph, you will see that we have been here before.

In **1917-18 to 1933-34** (Dust Bowl years) and again in **1944-45 to 1964-65**. Each of these two periods had 4 years where the rain fall met or exceeded 25" annually.



Dust Bowl Drought



War Time Drought

There are news reports that "*Agriculture is consuming **80% of California's water***", well this is true if the 50% for environment use is not part of the equation. And there are other statements lacking critical information, but that is not the objective of this newsletter. We want to point out that as Urban users, there is only 10% of the available water at our disposal. So, the question begs; "*Are we making the best use of this limited supply?*" It is reasonable to agree that the State of California and the Agricultural industry will not be giving their allotment of water to urban use any time soon.

There are a few other pieces to the puzzle to consider in this. In 1980 the California population was **24 Million plus**.

This year in 2021 the population now stands at **39.7 Million**.

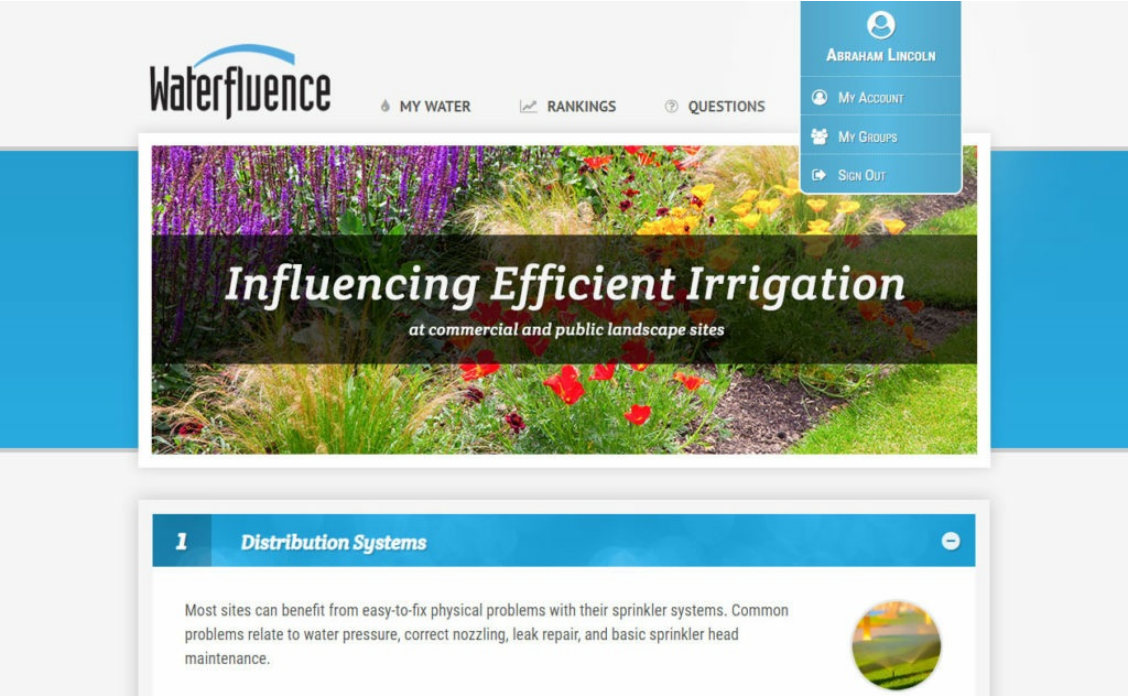
**That is a 69% increase**, all vying for the same water supply. And no there has not been a 69% increase in reservoir capacity or groundwater replenishment to handle these new households. In 1990 the average household used 231gl per day, in 2010 the use declined to 180gl per day, and in 2015 that number had declined further to 146gl per day. Progress is being made. And third, it is estimated that **50% of all residential water consumption is for landscape irrigation**.





Are we managing our urban water in the best way? Here are some things to consider regarding our Irrigation use:

- **Is the equipment currently in place capable of saving water?**
- **If not, what changes need to be considered?**
- **Are repairs being approved timely?**
- **When was the last time there was a meeting with the IRRIGATION Tech?**
- **Is the irrigation consumption being tracked on a monthly basis through a service like [WaterFluence](#) so, it can be managed?**



The number of rebates and incentive opportunities continues to grow. Please reach out to our customer service department to find out which best benefits your property.

