SPECNEWS
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Irrigation News and Product Updates
for Irrigation and Landscape Designers

FloManager Shortens Total Watering Time, Improves System Efficiency

One of the challenges facing property owners who manage large properties is completing the entire watering schedule in the allotted watering window.

If only time-based scheduling is used some stations may not be able to run during the window. One solution to this problem is scheduling based on the system's flow capacity.

more efficient scheduling based on system flow capacity. While these programming features do not require the addition of flow sensors or meters, you can choose to install these for convenience and accuracy.

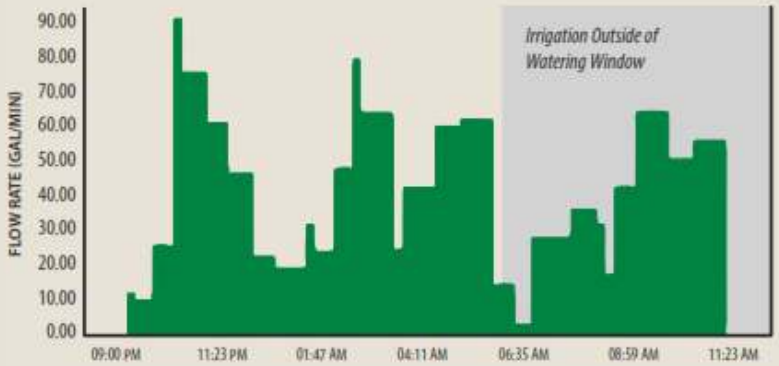
Example of Irrigation Schedule Not Using FloManager

In this example only time-based programming is used. The watering schedules take almost 14 hours to complete, and cannot be completed within watering window. The peak flow rate during operation is 88 gpm, only 73% of the system's total flow capacity, which is 120 GPM

Watering Window
10:00 PM – 6:00 AM

Controller Configuration
- SimulStations = 1
- FloManager = Off
- Station Sequencing = By Numbers

Results
- Total Run Time = 13 h 55 m
- Peak Flow Rate = 88 GPM



Example of Optimized Irrigation Schedule Using FloManager

Using FloManager and SimulStations the same watering schedule is completed in five hours. The average system flow rate is 112 GPM, both the system and pump were running close to full capacity allowing for the most efficient use of the pump station. Visualization of flow graphs can be done using IQ Remote Water Management Platform.

Watering Window
10:00 PM – 6:00 AM

Controller Configuration
- **SimulStations = 4**
- **FloManager = On**
- **Station Sequencing = By Priorities**

Results
- Total Run Time = 5h 5m
- Peak Flow Rate = 120 GPM