

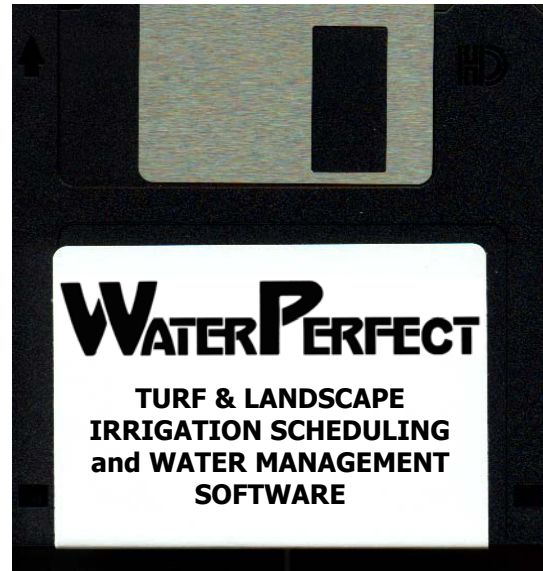


Turf & Landscape Irrigation Scheduling and Water Management Software

This software program aids you in the proper scheduling of irrigation utilizing soil moisture.

It also provides water management features which allow you to track and graphically display the water use of your landscapes.

Format: Microsoft Excel 97 Workbook
Macro version allows archiving of records.



IRRIGATION SCHEDULING

This schedule generating software is available at no charge to users of Watermark Soil Moisture automation products:

The **Watermark Electronic Module** which provides soil moisture automation for individual 24 volt AC valves, groups of valves on a single common ground or all valves on a controller.

The **Watermark Multiple Hydrozone System** which provides soil moisture automation for 24 Volt AC systems which utilize a common ground.

Once an audit has been performed for a given site to be irrigated, that data is input in the program and a recommended schedule is generated. When making its calculations, the schedule considers:

- Start times
- Irrigation window
- Soil types
- Plant materials
- Rooting depths
- Distribution uniformity
- Precipitation rate

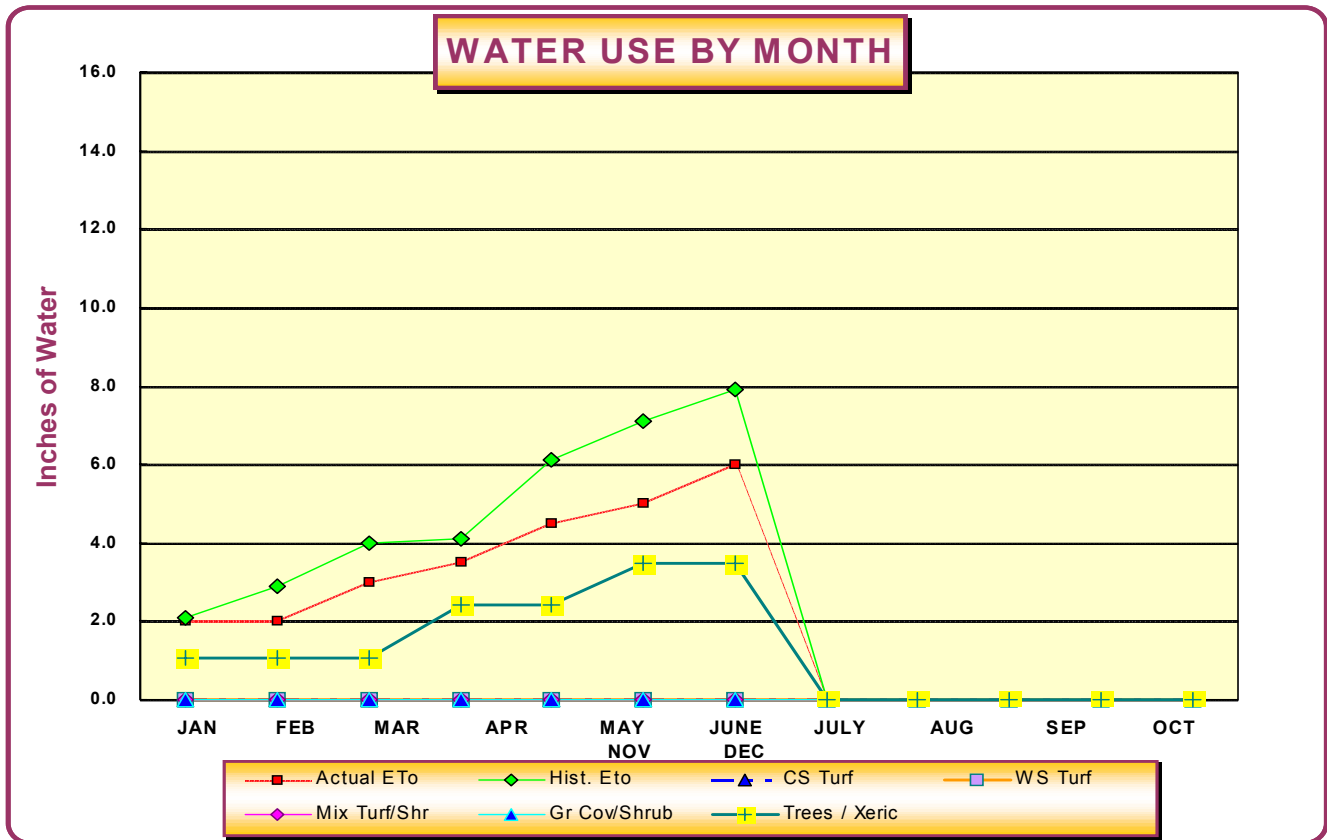
Run times, start times, programs and the appropriate moisture level setting to be used on the Watermark Electronic Module (WEM) are listed in the recommended schedule. The WEM limits the controller to apply water only when it is required. This software provides the user with a highly efficient irrigation schedule for their controller. Periodic site monitoring and schedule adjustments may be necessary to accommodate individual site characteristics.

WATER MANAGEMENT

By manually inputting the usage from water meters or water bills, historical and actual ET data and water budgets, a record is kept showing water usage by Hydrozone. This tracks system performance in comparison to evapotranspiration and budgets. This water usage data is reported monthly, both graphically and in table form, and summarized quarterly, as well as annually. Investment payback is easily seen with the cost of water saved being reported.

This Water Management reporting is valuable for keeping accurate records for your own use as well as reporting to water management district authorities, where applicable.

The graph below illustrates the type of detailed water usage data which is easily tracked and reported:



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*Precision Irrigation:
 No more than Necessary.....No less than Required*