

# Low Water Landscape Program – Water Calculator Tool Instructions



**Note Before Beginning:** Within the Water Calculator Tool, you can enter data into the yellow cells. Important outputs will appear in the pink cells.

1. Enter the number of perennials, shrubs, trees, and native grasses you plan to plant in your Low Water Landscape.

Low Water Landscape Water Calculation Sheet

Number of plants:		0		0		0		0	
Plant Type:		Perennial		Shrub		Tree		Grass	
Establishment Period	1st yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type 1st yr		0		0		0		0
	<b>TOTAL Gallons 1st yr</b>	0							
	2nd yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0	
Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0	
Gal/Plant Type 2nd yr		0		0		0		0	
<b>TOTAL Gallons 2nd yr</b>	0								
Post-Establishment	Each Post-Estab. Year	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type		0		0		0		0
	<b>TOTAL Gallons/Year</b>	0							
<b>TOTAL Gallons/month post establishment:</b>	0								

2. For each season and each plant type, select from each cell's drop-down options a frequency of watering, and a number of gallons you plan to water during each irrigation event. We recommend that you not water at all during monsoons and winter. In the first two years of establishment, new plants need about the same gallon-amount as the size of the container they came in. E.g. if a perennial came in a 5-gal pot, each time you water, you should water it 5 gallons. After establishment, the amount of water should decrease dramatically.

Low Water Landscape Water Calculation Sheet

Number of plants:		14		6		2		15	
Plant Type:		Perennial		Shrub		Tree		Grass	
Establishment Period	1st yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	1x day	2	1x day	10	1x every other day	15	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	1-2x week	2	1x every 2 weeks	10	1x every 2 weeks	0	Not at all	0
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type 1st yr		3,000		5,657		1,350		0
	<b>TOTAL Gallons 1st yr</b>	10,007							
	2nd yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0	
Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0	
Gal/Plant Type 2nd yr		0		0		0		0	
<b>TOTAL Gallons 2nd yr</b>	0								
Post-Establishment	Each Post-Estab. Year	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type		0		0		0		0
	<b>TOTAL Gallons/Year</b>	0							
<b>TOTAL Gallons/month post establishment:</b>	0								

\*Select from the drop-down menus of each yellow cell as appropriate, or you can type in your own gallon amount.

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- Once you've filled in all yellow cells as needed, you should see your gallon/month average for the post-establishment years: This can be compared to the Consumption Data sent to you, to see if you are achieving water savings with your new landscape. It's ok if your water use goes up in the first few years of establishment, but we're looking for long-term water savings to justify the rebate.

Low Water Landscape Water Calculation Sheet									
Number of plants:		14		6		2		15	
Plant Type:		Perennial		Shrub		Tree		Grass	
Establishment Period	1st yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	1x day	2	1x day	10	1x every other da	15	1x day	0.5
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	1-2x week	2	1x every 2 weeks	10	1x every 2 weeks	15	1x every other da	0.5
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type 1st yr		3,000		5,657		1,479		900
	<b>TOTAL Gallons 1st yr</b>	<b>11,036</b>							
	2nd yr	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	1x day	2	1x day	10	1x every other da	15	1x day	0.5
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
Fall (Oct-Nov)	1x every 2 we	2	1x month	10	1x month	15	1-2x week	0.5	
Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0	
Gal/Plant Type 2nd yr		2,640		5,520		1,410		804	
<b>TOTAL Gallons 2nd yr</b>	<b>10,374</b>								
Post-Establishment	Each Post-Estab. Year	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons	Frequency	Gallons
	Spring (April-June)	1-2x week	2	1x every 2 weeks	5	1x every 2 weeks	15	Not at all	0
	Monsoons (July-Sept)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Fall (Oct-Nov)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Winter (Dec-Mar)	Not at all	0	Not at all	0	Not at all	0	Not at all	0
	Gal/Plant Type		720		193		193		0
<b>TOTAL Gallons/Year</b>	<b>1,106</b>								
<b>TOTAL Gallons/month post establishment:</b>				<b>92</b>					

If you have any questions, don't hesitate to be in touch – (928) 213-2403 or email at [Audrey.Kruse@flagstaffaz.gov](mailto:Audrey.Kruse@flagstaffaz.gov)

Happy Water Saving!