

## Appendix N      Water Budget Workbook for New and Rehabilitated Non-Residential Landscapes

## Appendices

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## Water Budget Workbook for New and Rehabilitated Non-Residential Landscapes

Beta Version 1.30

June 13, 2017

California Department of Water Resources  
Statewide Integrated Water Management  
Water Use and Efficiency Branch

This program calculates Maximum Applied Water Allowance (MAWA) and Estimated Total Water Use (ETWU)  
based on reference evapotranspiration from Appendix A in the Model Water Efficiency Landscape Ordinance

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## Maximum Applied Water Allowance Calculations for New and Rehabilitated Non-Residential Landscapes

Enter value in Pale Blue Cells

Tan Cells Show Results

Messages and Warnings



Click on the blue cell on right to Pick City Name	<b>Visalia</b>	<b>Name of City</b>
ET <sub>o</sub> of City from Appendix A	<b>50.70</b>	ET <sub>o</sub> (inches/year)
	243126	Overhead Landscape Area (ft <sup>2</sup> )
	0	Drip Landscape Area (ft <sup>2</sup> )
	0	SLA (ft <sup>2</sup> )
Total Landscape Area	<b>243,126</b>	
<b>Results:</b>		
(ET <sub>o</sub> ) x (0.62) x [(0.45 x LA) + (1.0 - 0.45) X SLA)]	-	Gallons
	-	Cubic Feet
	-	HCF
	-	Acre-feet
	-	Millions of Gallons
<b>MAWA calculation incorporating Effective Precipitation (Optional)</b>		
<b>Precipitation (Optional)</b>		
ET <sub>o</sub> of City from Appendix A	<b>51</b>	ET <sub>o</sub> (inches/year)
Total Landscape Area	<b>243,126</b>	LA (ft <sup>2</sup> )
Special Landscape Area	<b>0</b>	SLA (ft <sup>2</sup> )
Enter Effective Precipitation	<b>11</b>	Total annual precipitation (inches/year)
	<b>2.75</b>	Eppt (in/yr)(25% of total annual precipitation)
<b>Results:</b>		
MAWA = [(ET <sub>o</sub> - Eppt) x (0.62)] x [(0.45 x LA) + ((1.0 - 0.45) x SLA)]	<b>3,252,661</b>	Gallons
	<b>434,819.00</b>	Cubic Feet
	<b>4,348.19</b>	HCF
	<b>9.98</b>	Acre-feet
	<b>3.25</b>	Millions of Gallons