

**TALCOTT CALCULATIONS**

Total Acre Feet Available	23.00	acre feet
Annual Essential Budget at 562cf per month per customer (562*12)*46	7.12	acre feet
Annual Acre Feet left for Non-Essential	15.88	acre feet
Total Square Footage of development	2,546,518	square feet
Total amount of supplemental water needed to irrigate turf	15.750	inches
Convert inches to feet (1"/12 =)	0.083	cubic feet per inch
Multiply supplemental water by inches factor	1.313	cubic feet
Multiply cf per inch by total sq. footage of development	3,342,305	cubic feet
Convert cubic feet to acre feet	76.73	acre feet
Divide the acre feet available for non-essential by acre feet of development	21%	percentage of supplemental available
Multiply supplemental inches by % available to get inches available	3.26	inches available
Apply inches by percentage each month between May & October	Varies by month	

Calendar Month	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	
Billed in	June	July	August	September	October	November	
% by month	14%	20%	31%	21%	11%	3%	100%
Inches by month	0.46	0.65	1.01	0.68	0.36	0.10	3.26

**HOW TO CALCULATE A CUSTOMER MONTHLY BUDGET:**

Lot square footage 43560 (1 acre parcel)

Essential Monthly - 562cf

Non-Essential Monthly for May -  $((.46/12)*43560) = 508cf$

$562+508 = 1070cf$

Customer's monthly budget for the calendar month of May billed in June will be 1,070 cf