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Calculate the monthly flows for the ungaged tributary by multiplying the respective percentage for each month (from Step 5) by the product of the tributary’s mean annual flow by hydrologic condition (from Step 6) times 12 months. For example, for January and the dry hydrologic condition: 7.74% (*January dry, Step 5*) \* 4.40cfs (*Toms Creek mean annual flow estimate for dry year, Step 6*) \* 12 months = 4.09cfs. The resulting data for Toms Creek is presented on Table C7.

**Table C7: Monthly Flows (in CFS) Estimated for Toms Creek**

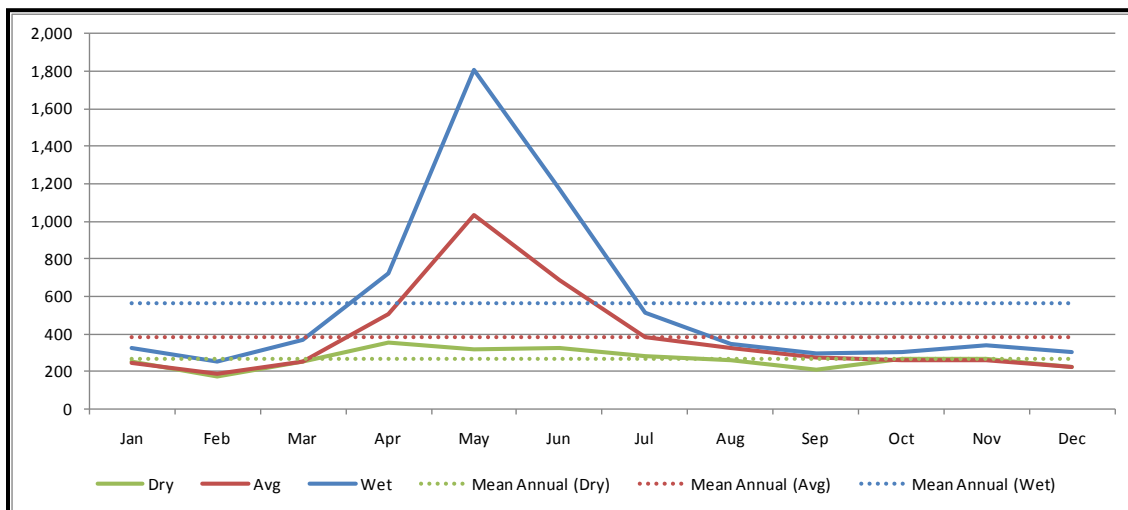
Ungaged Tributary	Hydrologic Classification	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean Annual Flow (cfs)
Toms Creek	Dry	4.09	3.16	4.10	5.94	5.21	5.45	4.58	4.23	3.55	4.30	4.48	3.69	4.40
Toms Creek	Avg	3.99	3.37	4.14	8.51	16.76	11.55	6.28	5.29	4.64	4.24	4.36	3.70	6.40
Toms Creek	Wet	5.34	4.58	5.98	12.10	29.39	19.70	8.30	5.62	4.94	4.98	5.69	4.89	9.29

**Step 8:**

Finally, convert the values from Step 7 from cfs to acre-feet per month (based on the number of days in each month). The results as shown on Table C8 and graphed on Figure C1 represent the input to the dry, average, and wet spreadsheet model as estimated inflow for Toms Creek.

**Table C8: Final Ungaged Tributary Inflow (in Acre-Feet per Month) Estimates for Toms Creek for each Hydrologic Condition**

Ungaged Tributary	Hydrologic Classification	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean Annual Flow (cfs)
Toms Creek	Dry	251	176	254	320	324	282	260	212	265	267	227	266	
Toms Creek	Avg	245	187	254	506	1,030	687	386	326	276	260	259	227	387
Toms Creek	Wet	329	255	368	720	1,807	1,172	511	346	294	306	338	301	562



**Figure C1: Final Ungaged Tributary Inflow (in Acre-Feet per Month) Estimates for Toms Creek for each Hydrologic Condition**