

COMPARISON OF SUBSISTENCE + BASE FLOW RECOMMENDATIONS
FROM THE TWO B.B.E.S.T. GROUPS - PREPARED BY N.W.F.

		Trinity River					
		Subsistence Flows					
Gauge Location	Season	Conditional Group	Regime Group	NWF Value Conditional Flow Percentile Whole POR	NWF Value Regime Flow Percentile Whole POR	NWF Duration Values Regime Group	
W.Fork Trinity At Grand Prairie	Winter	19 cfs; 99% *	24 cfs; 96%	0-1%	1-2%	27 days	
	Spring	17 cfs; 99%	28 cfs; 95%	0-1%	1-2%	Maximum	
	Summer	16 cfs; 97%	15 cfs; 96%	2%	1-2%	Whole POR	
	Fall	15 cfs; 95%	16 cfs; 95%	1-2%	2%	0 over 30 days	
Elm Fork Trinity Near Carrollton	Winter	-	24 cfs; 78%		15-20%	353 days	
	Spring	-	28 cfs; 87%		5-10%	Maximum	
	Summer	-	15 cfs; 75%		10-15%	Whole POR	
	Fall	-	16 cfs; 77% *		10-15%	34 over 30 days	
Trinity River At Dallas	Winter	15 cfs; 93% *	24 cfs; 91%	2-3%	4-5%	245 days	
	Spring	15 cfs; 93%	28 cfs; 92%	3-4%	4%	Maximum	
	Summer	15 cfs; 93%	15 cfs; 91%	4-5%	4-5%	Whole POR	
	Fall	15 cfs; 93%	16 cfs; 91%	4-5%	4-5%	15 over 30 days	
Trinity River near Rosser	Winter	-	106 cfs; 95%		1%	49 days	
	Spring	-	212 cfs; 95%		4-5%	Maximum	
	Summer	-	142 cfs; 95%		3-4%	Whole POR	
	Fall	-	125 cfs; 95%		2-3%	5 over 30 days	
Trinity River Near Oakwood	Winter	98 cfs; 100%	196 cfs; 95%	0%	2-3%	44 days	
	Spring	80 cfs; 100%	280 cfs; 95%	0-1%	2-3%	Maximum	
	Summer	75 cfs; 97%	70 cfs; 95%	2-3%	2-3%	Whole POR	
	Fall	85 cfs; 96%	101 cfs; 95%	1-2%	2-3%	2 over 30 days	
Trinity River At Romayor	Winter	295 cfs; 100%	542 cfs; 95%	0-1%	3-4%	75 days	
	Spring	290 cfs; 100%	720 cfs; 95%	0-1%	3%	Maximum	
	Summer	223 cfs; 97%	210 cfs; 95%	2-3%	2-3%	Whole POR	
	Fall	240 cfs; 95%	250 cfs; 95%	2-3%	2-3%	8 over 30 days	

* Yellow means conditional recommendation only for adaptive management.

Trinity River Base Flows – Upper Three Gauges					
Gauge Location	Season	Conditional Group	Regime Group	NWF Value Conditional Flow Percentile Whole POR	NWF Value Regime Flow Percentile Whole POR
W.Fork Trinity At Grand Prairie	Win Dry	45 cfs; 85%	52 cfs; 82%	5-10%	5-10%
	Win Avg	✘	84 cfs; 66%		15-20%
	Win Wet		118 cfs; 50%		25-30%
	Spr Dry	45 cfs; 89%	53 cfs; 87%	5-10%	5%
	Spr Avg	✘	84 cfs; 76%		10-15%
	Spr Wet		138 cfs; 63%		20-25%
	Sum Dry	35 cfs; 82%	40 cfs; 74%	5-10%	10-15%
	Sum Avg	✘	55 cfs; 60%		15-20%
	Sum Wet		82 cfs; 46%		25-30%
	Fall Dry	35 cfs; 75%	39 cfs; 76%	5-10%	5-10%
	Fall Avg	✘	54 cfs; 61%		10-15%
	Fall Wet		79 cfs; 46%		20-25%
Elm Fork Trinity Near Carrollton	Win Dry	-	61 cfs; 73%		25-30%
	Win Avg		102 cfs; 60%		40-45%
	Win Wet		165 cfs; 46%		60-65%
	Spr Dry	-	65 cfs; 81%		15-20%
	Spr Avg		112 cfs; 70%		25-30%
	Spr Wet		185 cfs; 58%		45-50%
	Sum Dry	-	42 cfs; 68%		15-20%
	Sum Avg		106 cfs; 52%		30-35%
	Sum Wet		210 cfs; 35%		65-70%
	Fall Dry	-	60 cfs; 68%		25-30%
	Fall Avg		101 cfs; 55%		45-50%
Fall Wet		161 cfs; 40%		65-70%	
Trinity River At Dallas	Win Dry	31 cfs; 87%	51 cfs; 81%	5-10%	5-10%
	Win Avg	✘	132 cfs; 65%		20-25%
	Win Wet		272 cfs; 50%		35-40%
	Spr Dry	37 cfs; 90%	71 cfs; 84%	5%	5-10%
	Spr Avg	✘	152 cfs; 74%		15-20%
	Spr Wet		304 cfs; 63%		25-30%
	Sum Dry	32 cfs; 86%	44 cfs; 76%	5-10%	10-15%
	Sum Avg	✘	104 cfs; 60%		20-25%
	Sum Wet		225 cfs; 44%		35-40%
	Fall Dry	26 cfs; 82%	50 cfs; 76%	5-10%	10-15%
	Fall Avg	✘	112 cfs; 61%		20-25%
	Fall Wet		198 cfs; 45%		30-35%

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Trinity River Base Flows – Lower Three Gauges					
Gauge Location	Season	Conditional Group	Regime Group	NWF Value Conditional Flow Percentile Whole POR	NWF-Value Regime Flow Percentile Whole POR
Trinity River Near Rosser	Win Dry		248 cfs; 77%		5-10%
	Win Avg		466 cfs; 64%		20-25%
	Win Wet		821 cfs; 50%		35-40%
	Spr Dry		398 cfs; 88%		5-10%
	Spr Avg		625 cfs; 79%		15-20%
	Spr Wet		1,078 cfs; 67%		30-35%
	Sum Dry		266 cfs; 77%		10-15%
	Sum Avg		401 cfs; 59%		20-25%
	Sum Wet		574 cfs; 41%		35-40%
	Fall Dry		208 cfs; 72%		10-15%
	Fall Avg		320 cfs; 57%		15-20%
	Fall Wet		626 cfs; 41%		35-40%
Trinity River Near Oakwood	Win Dry	265 cfs; 91%	340 cfs; 85%	4-5%	5-10%
	Win Avg		623 cfs; 72%		15-20%
	Win Wet		1,110 cfs; 58%		30-35%
	Spr Dry	322 cfs; 95%	458 cfs; 89%	3-4%	5-10%
	Spr Avg		820 cfs; 79%		10-15%
	Spr Wet		1,398 cfs; 66%		25-30%
	Sum Dry	186 cfs; 85%	257 cfs; 69%	10-15%	10-15%
	Sum Avg		411 cfs; 53%		20-25%
	Sum Wet		682 cfs; 36%		40-45%
	Fall Dry	162 cfs; 82%	265 cfs; 73%	5-10%	10-15%
	Fall Avg		439 cfs; 57%		20-25%
	Fall Wet		819 cfs; 41%		40-45%
Trinity River At Romayor	Win Dry	744 cfs; 91%	875 cfs; 86%	5-10%	10-15%
	Win Avg	✘	1,500 cfs; 74%		20-25%
	Win Wet		2,590 cfs; 61%		35-40%
	Spr Dry	923 cfs; 93%	1,160 cfs; 89%	4-5%	5-10%
	Spr Avg	✘	1,860 cfs; 78%		15-20%
	Spr Wet		3,033 cfs; 65%		30-35%
	Sum Dry	510 cfs; 83%	580 cfs; 68%	15-20%	15-20%
	Sum Avg	✘	915 cfs; 52%		30%
	Sum Wet		1,550 cfs; 34%		55%
	Fall Dry	515 cfs; 74%	630 cfs; 71%	10-15%	15-20%
	Fall Avg	✘	1,000 cfs; 55%		35-40%
	Fall Wet		1,720 cfs; 39%		55-60%

✘ Yellow means conditional recommendation only for adaptive management.

SAN JACINTO RIVER and HOUSTON BAYOUS						
Subsistence Flows						
Gauge Location	Season	Conditional Group	Regime Group	NWF Value Conditional Flow Percentile Whole POR	NWF Value Regime Flow Percentile Whole POR	NWF Duration Values Regime Group
W.Fork San Jacinto near Conroe	Winter	10 cfs; 100%	23 cfs; 96%	0-1%	3%	55 days Maximum Whole POR 3 over 30
	Spring	12 cfs; 100%	24cfs; 96%	0-1%	4%	
	Summer	10 cfs; 95%	9 cfs; 95%	5%	4%	
	Fall	10 cfs; 92%	9 cfs; 95%	3%	2%	
Spring Creek Near Spring	Winter	-	14 cfs; 96%		5%	61 days Maximum Whole POR 7 over 30
	Spring	-	14 cfs; 96%		5%	
	Summer	-	6 cfs; 95%		5%	
	Fall	-	6 cfs; 95%		4-5%	
East Fork San Jacinto near Cleveland	Winter	10 cfs; 100%	22 cfs; 95%	0-1%	5%	58 days maximum whole POR 6 over 30
	Spring	10 cfs; 100%	18 cfs; 96%	0-1%	5%	
	Summer	9 cfs; 91%	8 cfs; 95%	5-10%	5%	
	Fall	9 cfs; 89%	10 cfs; 95%	3-4%	5%	
Buffalo Bayou at Piney Point	Winter	-	11 cfs; 96%		1%	25 days Maximum Whole POR 0 over 30
	Spring	-	13 cfs; 95%		4%	
	Summer	-	26 cfs; 95%		4%	
	Fall	-	13 cfs; 96%		2%	
Brays Bayou at Houston	Winter	-	3 cfs; 95%		2%	37 days Maximum Whole POR 1 over 30
	Spring	-	1 cfs; 97%		1-2%	
	Summer	-	1 cfs; 97%		1-3%	
	Fall	-	0 cfs; 95%		0-1%	

San Jacinto River Base Flows					
Gauge Location	Season	Conditional Group	Regime Group	NWF Value Conditional Flow Percentile Whole POR	NWF Value Regime Flow Percentile Whole POR
West Fork San Jacinto River near Conroe	Win Dry	38 cfs; 90%	36 cfs; 89%	10-15%	10%
	Win Avg		58 cfs; 77%		15-20%
	Win Wet	111 cfs; -- *	111 cfs; 61%	35-40% *	35-40%
	Spr Dry	47 cfs; 90%	37 cfs; 87%	20-25%	10-15%
	Spr Avg		56 cfs; 74%		25-30%
	Spr Wet	88 cfs; -- *	88 cfs; 59%	40-45% *	40-45%
	Sum Dry	17 cfs; 81%	18 cfs; 67%	15-20%	20%
	Sum Avg		26 cfs; 49%		40%
	Sum Wet	38 cfs; -- *	38 cfs; 32%	60% *	60%
	Fall Dry	16 cfs; 77%	22 cfs; 71%	10-15%	20%
	Fall Avg		29 cfs; 57%		30-35%
Fall Wet	47 cfs; -- *	47 cfs; 42%	45-50% *	45-50%	
Spring Creek Near Spring	Win Dry		22 cfs; 86%		10-15%
	Win Avg		36 cfs; 74%		25-30%
	Win Wet		59 cfs; 60%		40%
	Spr Dry		24 cfs; 86%		15%
	Spr Avg		36 cfs; 72%		25-30%
	Spr Wet		52 cfs; 57%		40-45%
	Sum Dry		17 cfs; 71%		30%
	Sum Avg		24 cfs; 56%		45%
	Sum Wet		35 cfs; 39%		60-65%
	Fall Dry		17 cfs; 75%		25-30%
	Fall Avg		24 cfs; 61%		40%
Fall Wet		37 cfs; 45%		55%	
East Fork San Jacinto River near Cleveland	Win Dry	27 cfs; 86%	30 cfs; 88%	5-10%	10-15%
	Win Avg		43 cfs; 77%		20-25%
	Win Wet	80 cfs; -- *	80 cfs; 62%	35-40% *	35-40%
	Spr Dry	28 cfs; 90%	28 cfs; 86%	15%	15%
	Spr Avg		42 cfs; 72%		25-30%
	Spr Wet	64 cfs; -- *	64 cfs; 56%	40-45% *	40-45%
	Sum Dry	16 cfs; 69%	18 cfs; 68%	30%	35%
	Sum Avg		24 cfs; 52%		50%
	Sum Wet	34 cfs; -- *	34 cfs; 33%	65-70% *	65-70%
	Fall Dry	16 cfs; 66%	19 cfs; 75%	15-20%	25%
	Fall Avg		27 cfs; 57%		45%
Fall Wet	38 cfs; -- *	38 cfs; 41%	55-60% *	55-60%	

* Yellow indicates conditional recommendation only for adaptive management. No associated attainment frequency value specified for conditional wet conditions base flows.