

Spring      Summer      Fall              Winter

Trinity River flow (ac-ft/mo)

Trinity River flow based on Vallisneria salinity requirements in spring, summer and fall. Winter value based on dry base flow plus winter high flow pulses calculated by HEFR for Romayor

	550,000	166,000	293,000	168,000	Alt Winter
6% adjustment for model bias	517,000	156,000	275,000		117000 using Plummer/Smith high flow pulse
	1 of 3 months	2 of 3 months	2 of 3 months	2 of 3 months	

## San Jacinto River (ac-ft/mo)

San Jacinto River flows based primarily on Rangia (salty) for spring, Rangia (good) for fall, oysters (salty) for summer and Gulf menhaden for winter.

Winter based on Gulf menhaden flow requirement calculated for San Jacinto, split between San Jacinto (61%) and coastal streams (39%).

Spring	Summer	Fall	Winter
108,000	99,000	182,000	251,000
1 of 3 mo.	2 of 3 mo.	1 of 3 mo.	1 of 3 mo. every 2 yrs.

## Coastal Streams (ac-ft/mo)

Coastal stream flows based on subtraction of river flows from total flow estimates obtained from TXBlend-salinity-biology analysis in spring (Rangia), summer (oyster) and fall (Rangia). Winter flow based on 39% of Gulf menhaden winter requirement for San Jacinto.

Spring	Summer	Fall	Winter
151,000	137,000	160,000	161,000
1 of 3 mo.	2 of 3 mo.	1 of 3 mo.	1 of 3 mo. Every 2 yrs.

	Spring	Summer	Fall	Winter	Total
Required Single Monthly Max	809,000	402,000	635,000	580,000	2,426,000
Required Multi Monthly Max	809000	804000	928000	748000	3,289,000
Estimated Seasonal Requirement	1618000	1010000	1416500	1424000	5,468,500